

Minimal criteria for defining multipotent mesenchymal Society for Cellular Therapy position statement

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of Human Mesenchymal Stromal Cells Derived from Placental Decidua Basalis; Umbilical cord Wharton's Jelly and Amniotic Membrane. Pakistan Journal of Medical Sciences, 1969, 30, 1022-6.	0.3	23
2	What's New in Orthopaedic Research. Journal of Bone and Joint Surgery - Series A, 2005, 87, 2356.	1.4	25
3	Standardization of cell analysis methods in clinical cellular therapy programs: a challenge for ISCT. Cytotherapy, 2006, 8, 528-529.	0.3	5
4	MSCs roll into the mainstream. Blood, 2006, 108, 3626-3627.	0.6	0
5	Mesenchymal stromal cells. Current Opinion in Hematology, 2006, 13, 419-425.	1.2	315
6	Human Bone Marrow-Derived Mesenchymal Stem Cells Do Not Undergo Transformation after Long-term <i>In vitro</i> Culture and Do Not Exhibit Telomere Maintenance Mechanisms. Cancer Research, 2007, 67, 9142-9149.	0.4	649
7	Co-expression of two perivascular cell markers isolates mesenchymal stem-like cells from human endometrium. Human Reproduction, 2007, 22, 2903-2911.	0.4	472
8	Humanized system to propagate cord blood-derived multipotent mesenchymal stromal cells for clinical application. Regenerative Medicine, 2007, 2, 371-382.	0.8	147
9	Phenotypic and functional characterisation of ovine mesenchymal stem cells: application to a cartilage defect model. Annals of the Rheumatic Diseases, 2007, 67, 288-295.	0.5	99
10	Influence of <i>In Vitro</i> Cultivation on the Integration of Cell-Matrix Constructs After Subcutaneous Implantation. Tissue Engineering, 2007, 13, 1059-1067.	4.9	25
11	Human mesenchymal stem cells home specifically to radiation-injured tissues in a non-obese diabetes/severe combined immunodeficiency mouse model. British Journal of Radiology, 2007, 80, S49-S55.	1.0	145
12	Mesenchymal Stem Cells Prevent Progressive Experimental Renal Failure but Maldifferentiate into Glomerular Adipocytes. Journal of the American Society of Nephrology: JASN, 2007, 18, 1754-1764.	3.0	265
13	If I Can Stop One Heart From Breaking. Circulation, 2007, 115, 829-832.	1.6	28
14	Human multipotent mesenchymal stromal cells inhibit proliferation of PBMCs independently of IFN γ signaling and IDO expression. Blood, 2007, 110, 2197-2200.	0.6	102
15	Potential of mesenchymal stem cell therapy. Current Opinion in Oncology, 2007, 19, 650-655.	1.1	101
16	Intravenous infusion of bone marrow mesenchymal stem cells improves myocardial function in a rat model of myocardial ischemia*. Critical Care Medicine, 2007, 35, 2587-2593.	0.4	52
17	Do multipotent mesenchymal stromal cells differentiate into hepatocytes?. Current Opinion in Organ Transplantation, 2007, 12, 668-672.	0.8	1
18	Immunomodulation by Multipotent Mesenchymal Stromal Cells. Transplantation, 2007, 84, S35-S37.	0.5	49

#	ARTICLE	IF	CITATIONS
19	Fat is not all bad: how to make good use of adipose tissue. <i>European Heart Journal</i> , 2007, 28, 2565-2567.	1.0	2
20	Therapeutic applications of mesenchymal stromal cells. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 846-858.	2.3	225
21	Mesenchymal Stromal Cells. <i>Biology of Blood and Marrow Transplantation</i> , 2007, 13, 53-57.	2.0	23
23	Mesenchymal stem cells: a new strategy for immunosuppression?. <i>Trends in Immunology</i> , 2007, 28, 219-226.	2.9	424
24	Multipotent mesenchymal stromal cells and immune tolerance. <i>Leukemia and Lymphoma</i> , 2007, 48, 1283-1289.	0.6	129
25	GMP-grade preparation of biomimetic scaffolds with osteo-differentiated autologous mesenchymal stromal cells for the treatment of alveolar bone resorption in periodontal disease. <i>Cytotherapy</i> , 2007, 9, 427-438.	0.3	20
26	Differentiation of individual human mesenchymal stem cells probed by FTIR microscopic imaging. <i>Analyst, The</i> , 2007, 132, 647.	1.7	61
27	Elucidating the Secretion Proteome of Human Embryonic Stem Cell-derived Mesenchymal Stem Cells. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1680-1689.	2.5	240
28	Adult Human Fibroblasts Are Potent Immunoregulatory Cells and Functionally Equivalent to Mesenchymal Stem Cells. <i>Journal of Immunology</i> , 2007, 179, 1595-1604.	0.4	319
29	Rosiglitazone stimulates adipogenesis and decreases osteoblastogenesis in human mesenchymal stem cells. <i>Journal of Endocrinological Investigation</i> , 2007, 30, RC26-RC30.	1.8	90
30	Identification of Cord Blood-Derived Mesenchymal Stem/stromal Cell Populations with Distinct Growth Kinetics, Differentiation Potentials, and Gene Expression Profiles. <i>Stem Cells and Development</i> , 2007, 16, 53-74.	1.1	100
31	Subsets of mesenchymal stromal cells. <i>Cytotherapy</i> , 2007, 9, 301-302.	0.3	12
33	"In vitro" and multicolor phenotypic characterization of cell subpopulations identified in fresh human adipose tissue stromal vascular fraction and in the derived mesenchymal stem cells. <i>Journal of Translational Medicine</i> , 2007, 5, 55.	1.8	149
35	Thoracic Aortas from Multiorgan Donors Are Suitable for Obtaining Resident Angiogenic Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2007, 25, 1627-1634.	1.4	119
36	Prevention of LPS-Induced Acute Lung Injury in Mice by Mesenchymal Stem Cells Overexpressing Angiopoietin 1. <i>PLoS Medicine</i> , 2007, 4, e269.	3.9	545
37	A non-contact suspension culture approach to the culture of osteogenic cells derived from a CD49 ^{low} subpopulation of human bone marrow-derived cells. <i>Biotechnology and Bioengineering</i> , 2007, 98, 1195-1208.	1.7	37
38	Accelerated and safe expansion of human mesenchymal stromal cells in animal serum-free medium for transplantation and regenerative medicine. <i>Journal of Cellular Physiology</i> , 2007, 213, 18-26.	2.0	250
39	Adult bone marrow-derived stem cells for organ regeneration and repair. <i>Developmental Dynamics</i> , 2007, 236, 3321-3331.	0.8	123

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40	Antigen expression of cord blood derived stem cells under osteogenic stimulation in vitro. <i>Cell Biology International</i> , 2007, 31, 950-957.	1.4	7
41	Isolation and characterization of mesenchymal cells from human fetal membranes. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2007, 1, 296-305.	1.3	350
42	Mesenchymal stem cell-based angiopoietin-1 gene therapy for acute lung injury induced by lipopolysaccharide in mice. <i>Journal of Pathology</i> , 2008, 214, 472-481.	2.1	208
43	Bone marrow-derived mesenchymal stromal cells for the repair of central nervous system injury. <i>Bone Marrow Transplantation</i> , 2007, 40, 609-619.	1.3	400
44	Human platelet lysate allows expansion and clinical grade production of mesenchymal stromal cells from small samples of bone marrow aspirates or marrow filter washouts. <i>Bone Marrow Transplantation</i> , 2007, 40, 785-791.	1.3	148
45	Mesenchymal stem cells of cord blood origin are effective at preventing but not treating graft-versus-host disease. <i>Leukemia</i> , 2007, 21, 1992-1999.	3.3	167
46	Flexible and dynamic organization of bone marrow stromal compartment. <i>British Journal of Haematology</i> , 2007, 139, 373-384.	1.2	11
47	Human mesenchymal stem cells at the single-cell level: simultaneous seven-colour immunofluorescence. <i>Journal of Anatomy</i> , 2007, 210, 592-599.	0.9	42
48	Two steps to functional mesenchymal stromal cells for clinical application. <i>Transfusion</i> , 2007, 47, 1426-1435.	0.8	114
49	Primitive and committed human hematopoietic progenitor cells interact with primary murine neural cells and are induced to undergo self-renewing cell divisions. <i>Experimental Hematology</i> , 2007, 35, 1858-1871.	0.2	8
50	Human mesenchymal stem cells in contact with their environment: surface characteristics and the integrin system. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 21-38.	1.6	274
51	Human bone marrow mesenchymal stromal cells express the neural ganglioside GD2: a novel surface marker for the identification of MSCs. <i>Blood</i> , 2007, 109, 4245-4248.	0.6	245
52	Labeling of Mesenchymal Stem Cells by Bioconjugated Quantum Dots. <i>Nano Letters</i> , 2007, 7, 3071-3079.	4.5	152
53	No Contribution of Multipotent Mesenchymal Stromal Cells to Liver Regeneration in a Rat Model of Prolonged Hepatic Injury. <i>Stem Cells</i> , 2007, 25, 639-645.	1.4	50
54	Concise Review: Adipose Tissue-Derived Stromal Cells-Basic and Clinical Implications for Novel Cell-Based Therapies. <i>Stem Cells</i> , 2007, 25, 818-827.	1.4	971
55	Functional Network Analysis of the Transcriptomes of Mesenchymal Stem Cells Derived from Amniotic Fluid, Amniotic Membrane, Cord Blood, and Bone Marrow. <i>Stem Cells</i> , 2007, 25, 2511-2523.	1.4	209
56	Human Islet-Derived Precursor Cells Are Mesenchymal Stromal Cells That Differentiate and Mature to Hormone-Expressing Cells In Vivo. <i>Stem Cells</i> , 2007, 25, 3215-3222.	1.4	110
57	Concise Review: Human Umbilical Cord Stroma with Regard to the Source of Fetus-Derived Stem Cells. <i>Stem Cells</i> , 2007, 25, 2886-2895.	1.4	381

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58	Concise Review: Mesenchymal Stem/Multipotent Stromal Cells: The State of Transdifferentiation and Modes of Tissue Repair—Current Views. <i>Stem Cells</i> , 2007, 25, 2896-2902.	1.4	1,724
59	Mechanisms of Immunomodulation by Mesenchymal Stem Cells. <i>International Journal of Hematology</i> , 2007, 86, 5-7.	0.7	27
60	Mesenchymal stem and progenitor cells for cartilage repair. <i>Skeletal Radiology</i> , 2007, 36, 909-912.	1.2	22
61	Chondrogenesis, osteogenesis and adipogenesis of canine mesenchymal stem cells: a biochemical, morphological and ultrastructural study. <i>Histochemistry and Cell Biology</i> , 2007, 128, 507-520.	0.8	128
62	Mesenchymal Stem Cell Preparations—Comparing Apples and Oranges. <i>Stem Cell Reviews and Reports</i> , 2007, 3, 239-248.	5.6	242
63	Response of mesenchymal stem cells to the biomechanical environment of the endothelium on a flexible tubular silicone substrate. <i>Biomaterials</i> , 2008, 29, 1610-1619.	5.7	72
64	Characterization of human skin-derived mesenchymal stem cell proliferation rate in different growth conditions. <i>Cytotechnology</i> , 2008, 58, 153-162.	0.7	103
65	Role of MyD88 in TLR agonist-induced functional alterations of human adipose tissue-derived mesenchymal stem cells. <i>Molecular and Cellular Biochemistry</i> , 2008, 317, 143-150.	1.4	26
66	Mesenchymal stromal cells: tissue engineers and immune response modulators. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2008, 56, 325-329.	1.0	7
67	Mesodermal fate decisions of a stem cell: the Wnt switch. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 2658-74.	2.4	92
68	Application of stem cells in bone repair. <i>Skeletal Radiology</i> , 2008, 37, 601-608.	1.2	48
69	IKK-2 is required for TNF- α -induced invasion and proliferation of human mesenchymal stem cells. <i>Journal of Molecular Medicine</i> , 2008, 86, 1183-1192.	1.7	98
70	Adipose Tissue-derived Stem Cells: The Friendly Side of a Classic Cardiovascular Foe. <i>Journal of Cardiovascular Translational Research</i> , 2008, 1, 55-63.	1.1	13
71	Isolation, characterisation and osteogenic potential of human bone marrow stromal cells derived from the medullary cavity of the femur. <i>La Chirurgia Degli Organi Di Movimento</i> , 2008, 92, 97-103.	0.2	18
72	Mesenchymal Stem Cell Therapy for Protection and Repair of Injured Vital Organs. <i>Cellular and Molecular Bioengineering</i> , 2008, 1, 42-50.	1.0	41
73	Isolation and characterisation of mesenchymal stem cells in Wharton's jelly of the human umbilical cord: potent cells for cell-based therapies in paediatric surgery?. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2008, 40, 239-244.	0.3	10
74	Effects of ^{60}Co whole-body γ -irradiation in different doses on the distribution of ^{188}Re -labeled autologous mesenchymal stem cells in Wistar rats after intravenous (systemic) transplantation during different periods after exposure. <i>Bulletin of Experimental Biology and Medicine</i> , 2008, 145, 520-525.	0.3	4
75	A New Approach to Evaluation of Osteogenic Potential of Mesenchymal Stromal Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2008, 146, 534-539.	0.3	9

#	ARTICLE	IF	CITATIONS
76	Renal repair: role of bone marrow stem cells. <i>Pediatric Nephrology</i> , 2008, 23, 851-861.	0.9	27
77	Stromal cells cultured from omentum express pluripotent markers, produce high amounts of VEGF, and engraft to injured sites. <i>Cell and Tissue Research</i> , 2008, 332, 81-88.	1.5	66
78	Mesenchymal stromal cells for the treatment of steroid induced avascular osteonecrosis in children – a two year follow-up. <i>Pediatric Rheumatology</i> , 2008, 6, .	0.9	0
79	Postnatal stem/progenitor cells derived from the dental pulp of adult chimpanzee. <i>BMC Cell Biology</i> , 2008, 9, 20.	3.0	43
80	Immunophenotypic changes of human articular chondrocytes during monolayer culture reflect bona fide dedifferentiation rather than amplification of progenitor cells. <i>Journal of Cellular Physiology</i> , 2008, 214, 75-83.	2.0	102
81	Mesenchymal stem cells effectively reduce surgically induced stenosis in rat carotids. <i>Journal of Cellular Physiology</i> , 2008, 217, 789-799.	2.0	42
82	Separation of mesenchymal stem cells with magnetic nanosorbents carrying CD105 and CD73 antibodies in flow-through and batch systems. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 861, 74-80.	1.2	27
83	Functional analysis of myelodysplastic syndromes-derived mesenchymal stem cells. <i>Leukemia Research</i> , 2008, 32, 1407-1416.	0.4	88
84	Cellules souches mÃ©senchymateuses du tissu adipeux et biomatÃ©riaux pour lâ€™ingÃ©nierie tissulaire du cartilage. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2008, 75, 942-944.	0.0	1
85	Isolation and characterization of mesenchymal stem cell population entrapped in bone marrow collection sets. <i>Cell Biology International</i> , 2008, 32, 1116-1125.	1.4	41
86	Human Amnion Mesenchyme Harbors Cells with Allogeneic T-Cell Suppression and Stimulation Capabilities. <i>Stem Cells</i> , 2008, 26, 182-192.	1.4	192
87	Human Multipotent Stromal Cells Undergo Sharp Transition from Division to Development in Culture. <i>Stem Cells</i> , 2008, 26, 193-201.	1.4	90
88	Concise Review: Isolation and Characterization of Cells from Human Term Placenta: Outcome of the First International Workshop on Placenta Derived Stem Cells. <i>Stem Cells</i> , 2008, 26, 300-311.	1.4	921
89	Concise Review: MicroRNA Expression in Multipotent Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2008, 26, 356-363.	1.4	121
90	Immunogenicity of Human Mesenchymal Stem Cells in HLA-Class I-Restricted T-Cell Responses Against Viral or Tumor-Associated Antigens. <i>Stem Cells</i> , 2008, 26, 1275-1287.	1.4	134
91	Bone Marrow Multipotent Mesenchymal Stromal Cells Do Not Reduce Fibrosis or Improve Function in a Rat Model of Severe Chronic Liver Injury. <i>Stem Cells</i> , 2008, 26, 1307-1314.	1.4	144
92	Concise Review: Adult Multipotent Stromal Cells and Cancer: Risk or Benefit?. <i>Stem Cells</i> , 2008, 26, 1387-1394.	1.4	239
93	Immune Properties of Human Umbilical Cord Wharton's Jelly-Derived Cells. <i>Stem Cells</i> , 2008, 26, 2865-2874.	1.4	527

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94	Hypoxic Preconditioning Results in Increased Motility and Improved Therapeutic Potential of Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2008, 26, 2173-2182.	1.4	609
95	In Search of the In Vivo Identity of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2008, 26, 2287-2299.	1.4	953
96	Lentiviral-Transduced Human Mesenchymal Stem Cells Persistently Express Therapeutic Levels of Enzyme in a Xenotransplantation Model of Human Disease. <i>Stem Cells</i> , 2008, 26, 1713-1722.	1.4	88
97	Allogeneic Injection of Fetal Membrane-Derived Mesenchymal Stem Cells Induces Therapeutic Angiogenesis in a Rat Model of Hind Limb Ischemia. <i>Stem Cells</i> , 2008, 26, 2625-2633.	1.4	90
98	Putative Dental Pulp-Derived Stem/Stromal Cells Promote Proliferation and Differentiation of Endogenous Neural Cells in the Hippocampus of Mice. <i>Stem Cells</i> , 2008, 26, 2654-2663.	1.4	142
99	Bone Marrow-Derived Mesenchymal Stromal Cells Express Cardiac-Specific Markers, Retain the Stromal Phenotype, and Do Not Become Functional Cardiomyocytes In Vitro. <i>Stem Cells</i> , 2008, 26, 2884-2892.	1.4	202
100	Concise Review: Mesenchymal Stromal Cells: Potential for Cardiovascular Repair. <i>Stem Cells</i> , 2008, 26, 2201-2210.	1.4	300
101	Comparative characterization of mesenchymal bone marrow stromal cells at early and late stages of culturing. <i>Biology Bulletin</i> , 2008, 35, 132-138.	0.1	6
102	Molecular and genetic regulation of osteogenic differentiation of mesenchymal stromal cells. <i>Biology Bulletin</i> , 2008, 35, 223-232.	0.1	9
103	Effects of growth factors on multipotent bone marrow mesenchymal stromal cells. <i>Biology Bulletin</i> , 2008, 35, 555-570.	0.1	3
104	Nonadhesive populations in cultures of mesenchymal stromal cells from hematopoietic organs in mouse and rat. <i>Russian Journal of Developmental Biology</i> , 2008, 39, 337-345.	0.1	1
105	Mesenchymal stem cells as a potential pool for cartilage tissue engineering. <i>Annals of Anatomy</i> , 2008, 190, 395-412.	1.0	131
106	Coexpression of myofibroblast and macrophage markers: novel evidence for an in vivo plasticity of chorioamniotic mesodermal cells of the human placenta. <i>Laboratory Investigation</i> , 2008, 88, 365-374.	1.7	29
107	Comparative immune-phenotypic and functional characteristics of mesenchymal stromal cells from definitive and transitory hematopoietic organs. <i>Doklady Biological Sciences</i> , 2008, 422, 363-365.	0.2	0
108	Human mesenchymal stem cells: from basic biology to clinical applications. <i>Gene Therapy</i> , 2008, 15, 109-116.	2.3	330
109	Mesenchymal stem cells from the Wharton's jelly of umbilical cord segments provide stromal support for the maintenance of cord blood hematopoietic stem cells during long-term ex vivo culture. <i>Transfusion</i> , 2008, 48, 2638-2644.	0.8	86
110	Three-dimensional epidermis-like growth of human mesenchymal stem cells on dermal equivalents: contribution to tissue organization by adaptation of myofibroblastic phenotype and function. <i>Differentiation</i> , 2008, 76, 156-167.	1.0	49
111	Multipotent mesenchymal stem cells from adult human eye conjunctiva stromal cells. <i>Differentiation</i> , 2008, 76, 223-231.	1.0	51

#	ARTICLE	IF	CITATIONS
112	Fibroblast activation protein $\alpha 1$ identifies mesenchymal stromal cells from human bone marrow. <i>British Journal of Haematology</i> , 2008, 142, 827-830.	1.2	56
113	Impact of stromal cell composition on BMP-induced chondrogenic differentiation of mouse bone marrow derived mesenchymal cells. <i>Experimental Cell Research</i> , 2008, 314, 2400-2410.	1.2	21
114	Derivation and immunological characterization of mesenchymal stromal cells from human embryonic stem cells. <i>Experimental Hematology</i> , 2008, 36, 350-359.	0.2	169
115	Mesenchymal cells recruit and regulate T regulatory cells. <i>Experimental Hematology</i> , 2008, 36, 309-318.	0.2	286
116	Isolation and characterization of CD146+ multipotent mesenchymal stromal cells. <i>Experimental Hematology</i> , 2008, 36, 1035-1046.	0.2	240
117	Immunosuppression by mesenchymal stromal cells: From culture to clinic. <i>Experimental Hematology</i> , 2008, 36, 733-741.	0.2	221
118	Optimization of mesenchymal stem cell expansion procedures by cell separation and culture conditions modification. <i>Experimental Hematology</i> , 2008, 36, 1014-1021.	0.2	143
119	Reversible commitment to differentiation by human multipotent stromal cells in single-cell derived colonies. <i>Experimental Hematology</i> , 2008, 36, 1390-1402.	0.2	46
120	Differentiating human multipotent mesenchymal stromal cells regulate microRNAs: Prediction of microRNA regulation by PDGF during osteogenesis. <i>Experimental Hematology</i> , 2008, 36, 1354-1369.e2.	0.2	88
121	Arterial-venous endothelial cell fate is related to vascular endothelial growth factor and Notch status during human bone mesenchymal stem cell differentiation. <i>FEBS Letters</i> , 2008, 582, 2957-2964.	1.3	40
122	Multipotent mesenchymal stromal cells in articular diseases. <i>Best Practice and Research in Clinical Rheumatology</i> , 2008, 22, 269-284.	1.4	28
123	Very small embryonic-like (VSEL) stem cells in adult organs and their potential role in rejuvenation of tissues and longevity. <i>Experimental Gerontology</i> , 2008, 43, 1009-1017.	1.2	96
124	Adipose-derived mesenchymal stem cells and biomaterials for cartilage tissue engineering. <i>Joint Bone Spine</i> , 2008, 75, 672-674.	0.8	31
125	Mesenchymal stem cells and cardiac repair. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1795-1810.	1.6	99
126	Role of mesenchymal stromal cells in solid organ transplantation. <i>Transplantation Reviews</i> , 2008, 22, 262-273.	1.2	72
127	Human mesenchymal stem cell transplantation extends survival, improves motor performance and decreases neuroinflammation in mouse model of amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2008, 31, 395-405.	2.1	269
128	Expanding autologous multipotent mesenchymal bone marrow stromal cells. <i>Journal of the Neurological Sciences</i> , 2008, 265, 127-130.	0.3	28
129	Stem cell treatment in Amyotrophic Lateral Sclerosis. <i>Journal of the Neurological Sciences</i> , 2008, 265, 78-83.	0.3	205

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130	In vitro cultivation of islet-like cell clusters from human umbilical cord blood-derived mesenchymal stem cells. <i>Translational Research</i> , 2008, 151, 293-302.	2.2	73
131	Human Mesenchymal Stem Cells Inhibit Neutrophil Apoptosis: A Model for Neutrophil Preservation in the Bone Marrow Niche. <i>Stem Cells</i> , 2008, 26, 151-162.	1.4	442
132	Concise Review: Wharton's Jelly-Derived Cells Are a Primitive Stromal Cell Population. <i>Stem Cells</i> , 2008, 26, 591-599.	1.4	683
133	Early transplantation of human immature dental pulp stem cells from baby teeth to golden retriever muscular dystrophy (GRMD) dogs: Local or systemic?. <i>Journal of Translational Medicine</i> , 2008, 6, 35.	1.8	153
134	Method to Isolate Mesenchymal-Like Cells from Wharton's Jelly of Umbilical Cord. <i>Methods in Cell Biology</i> , 2008, 86, 101-119.	0.5	148
135	Characterization of clonogenic stromal cells isolated from human endometrium. <i>Reproduction</i> , 2008, 135, 551-558.	1.1	138
136	Mesenchymal stromal cell and mononuclear cell therapy in heart disease. <i>Future Cardiology</i> , 2008, 4, 481-494.	0.5	7
137	Induction of Human Mesenchymal Stem Cells into Dopamine-Producing Cells with Different Differentiation Protocols. <i>Stem Cells and Development</i> , 2008, 17, 547-554.	1.1	90
138	Critical Review of Clinical Trials of Bone Marrow Stem Cells in Liver Disease. <i>Gastroenterology</i> , 2008, 135, 438-450.	0.6	196
139	Stem cells as potential novel therapeutic strategy for inflammatory bowel disease. <i>Journal of Crohn's and Colitis</i> , 2008, 2, 99-106.	0.6	22
140	Adult mesenchymal stromal stem cells for therapeutic applications. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2008, 17, 79-90.	0.6	30
141	In Vitro Osteogenic Differentiation of Rat Mesenchymal Stem Cells in a Microgravity Bioreactor. <i>Journal of Bioactive and Compatible Polymers</i> , 2008, 23, 244-261.	0.8	35
142	Mesenchymal stem cells in arthritic diseases. <i>Arthritis Research and Therapy</i> , 2008, 10, 223.	1.6	244
143	Adipose-derived mesenchymal stem cells from the sand rat: transforming growth factor beta and 3D co-culture with human disc cells stimulate proteoglycan and collagen type I rich extracellular matrix. <i>Arthritis Research and Therapy</i> , 2008, 10, R89.	1.6	61
144	Multipotent mesenchymal stromal cells: optimization and comparison of five cationic polymer-based gene delivery methods. <i>Cytotherapy</i> , 2008, 10, 815-823.	0.3	50
145	Comparative Characteristics of Mesenchymal Stem Cells from Human Bone Marrow and Placenta: CD10, CD49d, and CD56 Make a Difference. <i>Stem Cells and Development</i> , 2008, 17, 1039-1042.	1.1	37
146	Regenerative effect of neural-induced human mesenchymal stromal cells in rat models of Parkinson's disease. <i>Cytotherapy</i> , 2008, 10, 340-352.	0.3	113
147	Multipotent adult progenitor cells: their role in wound healing and the treatment of dermal wounds. <i>Cytotherapy</i> , 2008, 10, 543-550.	0.3	56

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148	Characterization of mesenchymal stromal cells derived from full-term umbilical cord blood. <i>Cytotherapy</i> , 2008, 10, 54-68.	0.3	55
149	Immunophenotype characterization of rat mesenchymal stromal cells. <i>Cytotherapy</i> , 2008, 10, 243-253.	0.3	87
150	Clinical Protocols for the Isolation and Expansion of Mesenchymal Stromal Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 4-4.	0.7	66
151	Optimization of Flexor Tendon Tissue Engineering With a Cyclic Strain Bioreactor. <i>Journal of Hand Surgery</i> , 2008, 33, 1388-1396.	0.7	45
152	Temporal changes in stem cells in the circulation and myocardium of mice with Coxsackie virus B3-induced myocarditis. <i>Microvascular Research</i> , 2008, 75, 358-366.	1.1	7
153	Transplanted adult spinal cord-derived neural stem/progenitor cells promote early functional recovery after rat spinal cord injury. <i>Neuroscience</i> , 2008, 155, 760-770.	1.1	173
154	Effect of Whole Bone Marrow Cell Infusion in the Progression of Experimental Chronic Renal Failure. <i>Transplantation Proceedings</i> , 2008, 40, 853-855.	0.3	44
156	Mesenchymal Stem Cells: Revisiting History, Concepts, and Assays. <i>Cell Stem Cell</i> , 2008, 2, 313-319.	5.2	1,392
157	Fate of transplanted adult neural stem/progenitor cells and bone marrow-derived mesenchymal stromal cells in the injured adult rat spinal cord and impact on functional recovery. <i>World Neurosurgery</i> , 2008, 70, 600-607.	1.3	62
158	Human bone marrow native mesenchymal stem cells. <i>Regenerative Medicine</i> , 2008, 3, 731-741.	0.8	39
159	Role of mesenchymal stem cells in regenerative medicine: application to bone and cartilage repair. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 255-268.	1.4	149
160	Mesenchymal stem cells: A promising candidate in regenerative medicine. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 815-820.	1.2	202
161	Prodrug cancer gene therapy. <i>Cancer Letters</i> , 2008, 270, 191-201.	3.2	138
162	Systemic Administration of Multipotent Mesenchymal Stromal Cells Reverts Hyperglycemia and Prevents Nephropathy in Type 1 Diabetic Mice. <i>Biology of Blood and Marrow Transplantation</i> , 2008, 14, 631-640.	2.0	297
163	Persistence of Human Parvovirus B19 in Multipotent Mesenchymal Stromal Cells Expressing the Erythrocyte P Antigen: Implications for Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2008, 14, 1172-1179.	2.0	31
164	Staphylococcal enterotoxin C injection in combination with ascorbic acid promotes the differentiation of bone marrow-derived mesenchymal stem cells into osteoblasts in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 488-492.	1.0	20
165	In vitro differentiation of human adipose tissue-derived stem cells into cells with pancreatic phenotype by regenerating pancreas extract. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 547-551.	1.0	56
166	Rapid Large-Scale Expansion of Functional Mesenchymal Stem Cells from Unmanipulated Bone Marrow Without Animal Serum. <i>Tissue Engineering - Part C: Methods</i> , 2008, 14, 185-196.	1.1	169

#	ARTICLE	IF	CITATIONS
167	How do mesenchymal stromal cells exert their therapeutic benefit?. <i>Cytotherapy</i> , 2008, 10, 771-774.	0.3	126
168	Heterogeneity of mesenchymal stromal cell preparations. <i>Cytotherapy</i> , 2008, 10, 320-330.	0.3	239
169	Immunomodulatory effect of mesenchymal stromal cells: possible mechanisms. <i>Regenerative Medicine</i> , 2008, 3, 531-546.	0.8	110
170	Collection, Cryopreservation, and Characterization of Human Dental Pulp-Derived Mesenchymal Stem Cells for Banking and Clinical Use. <i>Tissue Engineering - Part C: Methods</i> , 2008, 14, 149-156.	1.1	216
171	Mesenchymal stromal cells moving forward. <i>Cytotherapy</i> , 2008, 10, 5-6.	0.3	5
172	In vitro Differentiation Potential of Mesenchymal Stem Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 228-238.	0.7	110
173	Pre-clinical safety testing supporting clinical use of allogeneic multipotent adult progenitor cells. <i>Cytotherapy</i> , 2008, 10, 730-742.	0.3	38
174	Isolation of human mesenchymal stromal cells is more efficient by red blood cell lysis. <i>Cytotherapy</i> , 2008, 10, 676-685.	0.3	88
175	Is there a role for mesenchymal stem cells in autoimmune diseases?. <i>Autoimmunity</i> , 2008, 41, 592-595.	1.2	41
176	Dissimilar Differentiation of Mesenchymal Stem Cells from Bone Marrow, Umbilical Cord Blood, and Adipose Tissue. <i>Experimental Biology and Medicine</i> , 2008, 233, 901-913.	1.1	357
177	Placental-derived and expanded mesenchymal stromal cells (PLX-I) to enhance the engraftment of hematopoietic stem cells derived from umbilical cord blood. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 1241-1250.	1.4	36
178	Expression and subcellular localization of histone deacetylases in mesenchymal stem-like cells from exfoliated deciduous teeth. <i>Biologija (Vilnius, Lithuania)</i> , 2008, 54, 306-311.	0.3	1
179	Paracrine Factors of Mesenchymal Stem Cells Recruit Macrophages and Endothelial Lineage Cells and Enhance Wound Healing. <i>PLoS ONE</i> , 2008, 3, e1886.	1.1	1,350
180	The Role of Bone Marrow-Derived Cells in Fibrosis. <i>Cells Tissues Organs</i> , 2008, 188, 178-188.	1.3	22
181	Animal Models of Vogt-Koyanagi-Harada Disease (Sympathetic Ophthalmia). <i>Ophthalmic Research</i> , 2008, 40, 129-135.	1.0	16
182	Synovial fluid-derived mesenchymal stem cells increase after intra-articular ligament injury in humans. <i>Rheumatology</i> , 2008, 47, 1137-1143.	0.9	196
183	Stem cell therapy for cystic fibrosis: current status and future prospects. <i>Expert Review of Respiratory Medicine</i> , 2008, 2, 365-380.	1.0	13
184	Bone Marrow – Home of Versatile Stem Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 248-259.	0.7	27

#	ARTICLE	IF	CITATIONS
185	The Stromal Activity of Mesenchymal Stromal Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 185-193.	0.7	33
186	Phenotypic Characterization of Mesenchymal Stem Cells from Various Tissues. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 168-184.	0.7	94
187	Basic Biology of Mesenchymal Stem Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 151-152.	0.7	5
188	Characteristics of Mesenchymal Stem Cells – New Stars in Regenerative Medicine or Unrecognized Old Fellows in Autologous Regeneration?. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 154-159.	0.7	10
189	Changes of the Functional Capacity of Mesenchymal Stem Cells due to Aging or Age-Associated Disease â Implications for Clinical Applications and Donor Recruitment. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 299-305.	0.7	18
190	Points to Consider in Designing Mesenchymal Stem Cell-Based Clinical Trials. <i>Transfusion Medicine and Hemotherapy</i> , 2008, 35, 3-3.	0.7	19
191	Cell Therapy for Age-Related Disorders: Myocardial Infarction and Stroke – A Mini-Review. <i>Gerontology</i> , 2008, 54, 300-311.	1.4	16
192	Identification of surface markers for prospective isolation of human endometrial stromal colony-forming cells. <i>Human Reproduction</i> , 2008, 23, 934-943.	0.4	188
193	Do Mesenchymal Stromal Cells Transdifferentiate Into Functional Cardiomyocytes?. <i>Circulation Research</i> , 2008, 103, e120.	2.0	29
194	Replicative Senescence of Mesenchymal Stem Cells: A Continuous and Organized Process. <i>PLoS ONE</i> , 2008, 3, e2213.	1.1	939
195	Bone Marrow-derived Cells and Stem Cells in Lung Repair. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 323-327.	3.5	62
196	Clinical Applications of Blood-Derived and Marrow-Derived Stem Cells for Nonmalignant Diseases. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 925.	3.8	308
197	Lung Resident Mesenchymal Stem Cells Isolated from Human Lung Allografts Inhibit T Cell Proliferation via a Soluble Mediator. <i>Journal of Immunology</i> , 2008, 181, 4389-4396.	0.4	193
198	Derivation of Lung Epithelium from Human Cord Bloodâderived Mesenchymal Stem Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 701-711.	2.5	161
199	Mesenchymal Progenitor Cell Research: Limitations and Recommendations. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 707-710.	3.5	24
200	The effect of mesenchymal stem cells on the viability, proliferation and differentiation of B-lymphocytes. <i>Haematologica</i> , 2008, 93, 1301-1309.	1.7	243
201	Cell therapies for traumatic brain injury. <i>Neurosurgical Focus</i> , 2008, 24, E18.	1.0	64
202	Stem Cells and Cell Therapies in Lung Biology and Lung Diseases. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 637-667.	3.5	212

#	ARTICLE	IF	CITATIONS
203	The use of mesenchymal stem cells in tissue engineering. <i>Organogenesis</i> , 2008, 4, 23-27.	0.4	120
204	Multipotent mesenchymal stromal cells from amniotic fluid: solid perspectives for clinical application. <i>Haematologica</i> , 2008, 93, 339-346.	1.7	159
205	Murine neonates develop vigorous in vivo cytotoxic and Th1/Th2 responses upon exposure to low doses of NIMA-like alloantigens. <i>Blood</i> , 2008, 112, 1530-1538.	0.6	30
206	Mesenchymal Stem Cells in Acute Kidney Injury. <i>Annual Review of Medicine</i> , 2008, 59, 311-325.	5.0	301
207	Differentiation Potential of Multipotent Progenitor Cells Derived from War-Traumatized Muscle Tissue. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 2390-2398.	1.4	113
208	Biologic Characteristics of Mesenchymal Stromal Cells and Their Clinical Applications in Pediatric Patients. <i>Journal of Pediatric Hematology/Oncology</i> , 2008, 30, 301-309.	0.3	21
210	Mesenchymal stem cell therapy for degenerative inflammatory disorders. <i>Current Opinion in Organ Transplantation</i> , 2008, 13, 639-644.	0.8	27
211	Pharmacologic targeting of a stem/progenitor population in vivo is associated with enhanced bone regeneration in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 491-504.	3.9	202
212	Adult mesenchymal stem cells for bone and cartilage engineering: effect of scaffold materials. <i>European Journal of Histochemistry</i> , 2008, 52, 169.	0.6	45
213	Defining the expression of marker genes in equine mesenchymal stromal cells. <i>Stem Cells and Cloning: Advances and Applications</i> , 2008, Volume 1, 1-9.	2.3	41
214	Application of a modified method for stem cell isolation from lipoaspirates in a basic lab. <i>Medical Journal of Indonesia</i> , 2009, , 91.	0.2	7
215	Functional recovery and neural differentiation after transplantation of allogenic adipose-derived stem cells in a canine model of acute spinal cord injury. <i>Journal of Veterinary Science</i> , 2009, 10, 273.	0.5	139
216	Methodology, biology and clinical applications of mesenchymal stem cells. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4281.	3.0	140
217	Mesenchymal Stem Cell Transition to Tumor-Associated Fibroblasts Contributes to Fibrovascular Network Expansion and Tumor Progression. <i>PLoS ONE</i> , 2009, 4, e4992.	1.1	686
218	Autologous and Allogeneic Marrow Stromal Cells Are Safe and Effective for the Treatment of Acute Kidney Injury. <i>Stem Cells and Development</i> , 2009, 18, 475-486.	1.1	196
219	Progenitor cell therapies for traumatic brain injury: barriers and opportunities in translation. <i>DMM Disease Models and Mechanisms</i> , 2009, 2, 23-38.	1.2	78
220	Multipotent mesenchymal stromal cells and rheumatoid arthritis: risk or benefit?. <i>Rheumatology</i> , 2009, 48, 1185-1189.	0.9	66
221	Overexpression of CXCR4 Chemokine Receptors Is Required for the Superior Glioma-Tracking Property of Umbilical Cord Blood-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2009, 18, 511-520.	1.1	84

#	ARTICLE	IF	CITATIONS
223	Isolation of Mesenchymal Stem Cells (MSCs) from Green Fluorescent Protein Positive (GFP ⁺) Transgenic Rodents: The Grass Is Not Always Green(er). <i>Stem Cells and Development</i> , 2009, 18, 127-136.	1.1	20
224	Lentiviral Delivery of <i>LMX1a</i> Enhances Dopaminergic Phenotype in Differentiated Human Bone Marrow Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2009, 18, 591-602.	1.1	59
225	Airway Delivery of Mesenchymal Stem Cells Prevents Arrested Alveolar Growth in Neonatal Lung Injury in Rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 1131-1142.	2.5	418
226	Umbilical Cord Wharton's Jelly: A New Potential Cell Source of Mesenchymal Stromal Cells for Bone Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2009, 15, 2325-2334.	1.6	80
227	Engineered Polyelectrolyte Multilayer Substrates for Adhesion, Proliferation, and Differentiation of Human Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2009, 15, 2977-2990.	1.6	67
228	The Role of Collagen Crosslinking in Differentiation of Human Mesenchymal Stem Cells and MC3T3-E1 Cells. <i>Tissue Engineering - Part A</i> , 2009, 15, 3857-3867.	1.6	42
229	Fetal Cells in the Pregnant Mouse Are Diverse and Express a Variety of Progenitor and Differentiated Cell Markers ¹ . <i>Biology of Reproduction</i> , 2009, 81, 26-32.	1.2	50
230	Bone repair and regeneration. , 2009, , 69-105.		4
231	Engraftment of Bone Marrow-derived Stem Cells to the Lung in a Model of Acute Respiratory Infection by <i>Pseudomonas aeruginosa</i> . <i>Molecular Therapy</i> , 2009, 17, 1257-1265.	3.7	37
232	Developing Cell Therapy Techniques for Respiratory Disease: Intratracheal Delivery of Genetically Engineered Stem Cells in a Murine Model of Airway Injury. <i>Human Gene Therapy</i> , 2009, 20, 1329-1343.	1.4	63
233	Cellular Therapy for Repair of Cardiac Damage after Acute Myocardial Infarction. <i>International Journal of Cell Biology</i> , 2009, 2009, 1-11.	1.0	7
234	Identification of putative endothelial progenitor cells (CD34 ⁺ CD133 ⁺ Flk-1 ⁺) in endarterectomized tissue of patients with chronic thromboembolic pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L870-L878.	1.3	77
235	Bone Marrow Stromal Cells Attenuate Lung Injury in a Murine Model of Neonatal Chronic Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 1122-1130.	2.5	452
236	Stem cells in amyotrophic lateral sclerosis: state of the art. <i>Expert Opinion on Biological Therapy</i> , 2009, 9, 1245-1258.	1.4	16
237	mTOR Regulates Vascular Smooth Muscle Cell Differentiation From Human Bone Marrow-derived Mesenchymal Progenitors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 232-238.	1.1	43
238	Local injection of BDNF producing mesenchymal stem cells increases neuronal survival and synaptic stability following ventral root avulsion. <i>Neurobiology of Disease</i> , 2009, 33, 290-300.	2.1	68
239	Hypoxia reduces the inhibitory effect of IL-1 ^β on chondrogenic differentiation of FCS-free expanded MSC. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 1368-1376.	0.6	80
240	Intratracheal instillation of bone marrow-derived cell in an experimental model of silicosis. <i>Respiratory Physiology and Neurobiology</i> , 2009, 169, 227-233.	0.7	32

#	ARTICLE	IF	CITATIONS
241	Cartilage engineering: a crucial combination of cells, biomaterials and biofactors. Trends in Biotechnology, 2009, 27, 307-314.	4.9	408
242	Neural differentiation potential of human bone marrow-derived mesenchymal stromal cells: misleading marker gene expression. BMC Neuroscience, 2009, 10, 16.	0.8	123
243	Identification of multipotent mesenchymal stromal cells in the reactive stroma of a prostate cancer xenograft by side population analysis. Experimental Cell Research, 2009, 315, 3004-3013.	1.2	30
244	Modulation of DNA glycosylase activities in mesenchymal stem cells. Experimental Cell Research, 2009, 315, 2558-2567.	1.2	6
245	Human islet-derived precursor cells can cycle between epithelial clusters and mesenchymal phenotypes. Journal of Cellular and Molecular Medicine, 2009, 13, 2570-2581.	1.6	18
246	A subpopulation of mesenchymal stromal cells with high osteogenic potential. Journal of Cellular and Molecular Medicine, 2009, 13, 2436-2447.	1.6	28
247	The immune boundaries for stem cell based therapies: problems and prospective solutions. Journal of Cellular and Molecular Medicine, 2009, 13, 1464-1475.	1.6	38
248	Mesenchymal stem cell-based therapy: a new paradigm in regenerative medicine. Journal of Cellular and Molecular Medicine, 2009, 13, 4385-4402.	1.6	235
249	Endothelial differentiation of Wharton's jelly-derived mesenchymal stem cells in comparison with bone marrow-derived mesenchymal stem cells. Experimental Hematology, 2009, 37, 629-640.	0.2	239
250	Endogenous bone morphogenetic proteins in human bone marrow-derived multipotent mesenchymal stromal cells. European Journal of Cell Biology, 2009, 88, 257-271.	1.6	46
251	Bringing Mesenchymal Stem Cells into the Clinic. , 0, , 463-481.		0
252	Hospicells (ascites-derived stromal cells) promote tumorigenicity and angiogenesis. International Journal of Cancer, 2010, 126, 2090-2101.	2.3	70
253	Hyperthermia-treated mesenchymal stem cells exert antitumor effects on human carcinoma cell line. Cancer, 2009, 115, 311-323.	2.0	39
254	A tagless method of sorting stem cells from clinical specimens and separating mesenchymal from epithelial progenitor cells. Cytometry Part B - Clinical Cytometry, 2009, 76B, 285-290.	0.7	32
255	Mechano-functional assessment of human mesenchymal stem cells grown in three-dimensional hyaluronan-based scaffolds for cartilage tissue engineering. Journal of Biomedical Materials Research - Part A, 2010, 93A, 37-45.	2.1	22
256	Effect of 3D-microstructure of bioabsorbable PGA:TMC scaffolds on the growth of chondrogenic cells. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 88B, 92-102.	1.6	19
257	Trafficking and differentiation of mesenchymal stem cells. Journal of Cellular Biochemistry, 2009, 106, 984-991.	1.2	315
258	Collection and culture of alveolar bone marrow multipotent mesenchymal stromal cells from older individuals. Journal of Cellular Biochemistry, 2009, 107, 1198-1204.	1.2	25

#	ARTICLE	IF	CITATIONS
259	Differentiation of synovial CD44 ⁺ human mesenchymal stem cells into chondrocyte-like cells through spheroid formation. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 145-155.	1.2	100
260	Bone marrow mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 277-282.	1.2	96
261	Endomyocardial biopsy derived adherent proliferating cells: A potential cell source for cardiac tissue engineering. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 564-575.	1.2	23
262	The use of mesenchymal (skeletal) stem cells for treatment of degenerative diseases: Current status and future perspectives. <i>Journal of Cellular Physiology</i> , 2009, 218, 9-12.	2.0	78
263	The therapeutic applications of multipotential mesenchymal/stromal stem cells in skeletal tissue repair. <i>Journal of Cellular Physiology</i> , 2009, 218, 237-245.	2.0	294
264	OPLA scaffold, collagen I, and horse serum induce a higher degree of myogenic differentiation of adult rat cardiac stem cells. <i>Journal of Cellular Physiology</i> , 2009, 221, 729-739.	2.0	23
265	Ex vivo expansion of human mesenchymal stem cells: A more effective cell proliferation kinetics and metabolism under hypoxia. <i>Journal of Cellular Physiology</i> , 2010, 223, 27-35.	2.0	252
266	Mesenchymal stem cells derived from synovium, meniscus, anterior cruciate ligament, and articular chondrocytes share similar gene expression profiles. <i>Journal of Orthopaedic Research</i> , 2009, 27, 435-441.	1.2	179
267	Insulin-like growth factor-1 improves chondrogenesis of predifferentiated human umbilical cord mesenchymal stromal cells. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1109-1115.	1.2	33
268	Phenotype and chondrogenic differentiation of mesenchymal cells from adipose tissue of different species. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1499-1507.	1.2	74
269	Osteogenic properties of late adherent subpopulations of human bone marrow stromal cells. <i>Histochemistry and Cell Biology</i> , 2009, 132, 547-557.	0.8	23
270	Gene and microRNA expression signatures of human mesenchymal stromal cells in comparison to fibroblasts. <i>Cell and Tissue Research</i> , 2009, 335, 565-573.	1.5	61
271	Multiparametric comparison of mesenchymal stromal cells obtained from trabecular bone by using a novel isolation method with those obtained by iliac crest aspiration from the same subjects. <i>Cell and Tissue Research</i> , 2009, 336, 501-507.	1.5	31
273	A multiplex PCR technique to characterize human bone marrow derived mesenchymal stem cells. <i>Biotechnology Letters</i> , 2009, 31, 1843-1850.	1.1	12
274	Monitoring the genomic stability of in vitro cultured rat bone-marrow-derived mesenchymal stem cells. <i>Chromosome Research</i> , 2009, 17, 1025-39.	1.0	76
275	5-Azacytidine facilitates osteogenic gene expression and differentiation of mesenchymal stem cells by alteration in DNA methylation. <i>Cytotechnology</i> , 2009, 60, 11-22.	0.7	59
276	Cord Blood: An Alternative Source for Bone Regeneration. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 266-277.	5.6	30
277	Embryonic Stem Cell Marker Expression Pattern in Human Mesenchymal Stem Cells Derived from Bone Marrow, Adipose Tissue, Heart and Dermis. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 378-386.	5.6	262

#	ARTICLE	IF	CITATIONS
278	Human mesenchymal stem cells induce E-cadherin degradation in breast carcinoma spheroids by activating ADAM10. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3053-3065.	2.4	57
279	Microgel Iron Oxide Nanoparticles for Tracking Human Fetal Mesenchymal Stem Cells Through Magnetic Resonance Imaging. <i>Stem Cells</i> , 2009, 27, 1921-1931.	1.4	71
280	Coculture of Human Embryonic Stem Cells and Human Articular Chondrocytes Results in Significantly Altered Phenotype and Improved Chondrogenic Differentiation. <i>Stem Cells</i> , 2009, 27, 1812-1821.	1.4	108
281	Insulin-Secreting Cells from Human Eyelid-Derived Stem Cells Alleviate Type I Diabetes in Immunocompetent Mice. <i>Stem Cells</i> , 2009, 27, 1999-2008.	1.4	65
282	Cotransplantation of Placental Mesenchymal Stromal Cells Enhances Single and Double Cord Blood Engraftment in Nonobese Diabetic/Severe Combined Immune Deficient Mice. <i>Stem Cells</i> , 2009, 27, 2293-2300.	1.4	45
283	Fibroblastic Colony-Forming Unit Bone Marrow Cells Delay Progression to Gastric Dysplasia in a <i>Helicobacter</i> Model of Gastric Tumorigenesis. <i>Stem Cells</i> , 2009, 27, 2301-2311.	1.4	19
284	Introducing Transcription Factors to Multipotent Mesenchymal Stem Cells: Making Transdifferentiation Possible. <i>Stem Cells</i> , 2009, 27, 2509-2515.	1.4	105
285	Direct Evidence of Mesenchymal Stem Cell Tropism for Tumor and Wounding Microenvironments Using In Vivo Bioluminescent Imaging. <i>Stem Cells</i> , 2009, 27, 2614-2623.	1.4	577
286	Mesenchymal Cells Appearing in Pancreatic Tissue Culture Are Bone Marrow-Derived Stem Cells With the Capacity to Improve Transplanted Islet Function. <i>Stem Cells</i> , 2010, 28, 140-151.	1.4	70
287	Specific Lineage-Priming of Bone Marrow Mesenchymal Stem Cells Provides the Molecular Framework for Their Plasticity. <i>Stem Cells</i> , 2009, 27, 1142-1151.	1.4	110
288	Comparative chondrogenesis of human cell sources in 3D scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 3, 348-360.	1.3	116
289	Attributes of adult stem cells. <i>Journal of Pathology</i> , 2009, 217, 144-160.	2.1	147
290	Murine mesenchymal progenitor cells from different tissues differentiated via mesenchymal microspheres into the mesodermal direction. <i>BMC Cell Biology</i> , 2009, 10, 92.	3.0	13
291	Identification of subpopulations in mesenchymal stem cell-like cultures from human umbilical cord. <i>Cell Communication and Signaling</i> , 2009, 7, 6.	2.7	116
292	The Expression of CD68 in Human Umbilical Cord Mesenchymal Stem Cells: New Evidences of Presence in Non-Myeloid Cell Types. <i>Scandinavian Journal of Immunology</i> , 2009, 70, 161-162.	1.3	41
293	Manufacturing of human placenta-derived mesenchymal stem cells for clinical trials. <i>British Journal of Haematology</i> , 2009, 144, 571-579.	1.2	145
294	Bi-directional activation between mesenchymal stem cells and CLL B-cells: implication for CLL disease progression. <i>British Journal of Haematology</i> , 2009, 147, 471-483.	1.2	74
295	Human immature dental pulp stem cells™ contribution to developing mouse embryos: production of human/mouse preterm chimaeras. <i>Cell Proliferation</i> , 2009, 42, 132-140.	2.4	30

#	ARTICLE	IF	CITATIONS
296	Evaluation of the effect of autologous mesenchymal stem cell injection in a large animal model of bilateral kidney ischaemia reperfusion injury. <i>Cell Proliferation</i> , 2009, 42, 284-297.	2.4	49
297	Isolation and characterization of multipotent stem cells from human cruciate ligaments. <i>Cell Proliferation</i> , 2009, 42, 448-460.	2.4	80
298	Cell contact, prostaglandin E2 and transforming growth factor beta 1 play non-redundant roles in human mesenchymal stem cell induction of CD4+CD25Highforkhead box P3+ regulatory T cells. <i>Clinical and Experimental Immunology</i> , 2009, 156, 149-160.	1.1	595
299	Human hepatocyte transplantation: state of the art. <i>Journal of Internal Medicine</i> , 2009, 266, 339-357.	2.7	141
300	Both expanded and uncultured mesenchymal stem cells from MDS patients are genomically abnormal, showing a specific genetic profile for the 5qâ syndrome. <i>Leukemia</i> , 2009, 23, 664-672.	3.3	124
301	Mesenchymal stem cells from multiple myeloma patients display distinct genomic profile as compared with those from normal donors. <i>Leukemia</i> , 2009, 23, 1515-1527.	3.3	122
302	Therapeutic potential of non-adherent BM-derived mesenchymal stem cells in tissue regeneration. <i>Bone Marrow Transplantation</i> , 2009, 43, 69-81.	1.3	40
303	Stem cells and future periodontal regeneration. <i>Periodontology 2000</i> , 2009, 51, 239-251.	6.3	107
304	<i>In vitro</i> (re)programming of human bone marrow stromal cells toward insulin-producing phenotypes. <i>Pediatric Diabetes</i> , 2009, 10, 413-419.	1.2	15
305	<i>In vitro</i> Myogenic Differentiation of Human Bone MarrowâDerived Mesenchymal Stem Cells as a Potential Treatment for Urethral Sphincter Muscle Repair. <i>Annals of the New York Academy of Sciences</i> , 2009, 1176, 135-143.	1.8	65
306	Liquid storage of marrow stromal cells. <i>Transfusion</i> , 2009, 49, 1471-1481.	0.8	20
307	Comparison of <i>ex vivo</i> expansion culture conditions of mesenchymal stem cells for human cell therapy. <i>Transfusion</i> , 2009, 49, 1901-1910.	0.8	89
308	Collagen cross-linking by adiposeâderived mesenchymal stromal cells and scarâderived mesenchymal cells: Are mesenchymal stromal cells involved in scar formation?. <i>Wound Repair and Regeneration</i> , 2009, 17, 548-558.	1.5	42
309	Morphological and immunocytochemical characteristics indicate the yield of early progenitors and represent a quality control for human mesenchymal stem cell culturing. <i>Journal of Anatomy</i> , 2009, 214, 759-767.	0.9	117
310	Ear mesenchymal stem cells: An efficient adult multipotent cell population fit for rapid and scalable expansion. <i>Journal of Biotechnology</i> , 2009, 139, 291-299.	1.9	64
311	Gravitational field-flow fractionation of human hemopoietic stem cells. <i>Journal of Chromatography A</i> , 2009, 1216, 9081-9087.	1.8	29
313	Superior Osteogenic Capacity for Bone Tissue Engineering of Fetal Compared with Perinatal and Adult Mesenchymal Stem Cells. <i>Stem Cells</i> , 2009, 27, 126-137.	1.4	269
314	Epigenetic Reprogramming of IGF1 and Leptin Genes by Serum Deprivation in Multipotential Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2009, 27, 375-382.	1.4	31

#	ARTICLE	IF	CITATIONS
315	Hepatocyte differentiation of mesenchymal stem cells from human adipose tissue in vitro promotes hepatic integration in vivo. <i>Gut</i> , 2009, 58, 570-581.	6.1	303
316	Mesenchymal Stem Cells in Tumor Stroma. , 2009, , 29-36.		2
317	A simplified culture and polymerase chain reaction identification assay for quality control performance testing of stem cell media products. <i>Cytotherapy</i> , 2009, 11, 761-767.	0.3	3
318	Isolation and Culture of Epithelial Progenitors and Mesenchymal Stem Cells from Human Endometrium1. <i>Biology of Reproduction</i> , 2009, 80, 1136-1145.	1.2	425
319	Molecular-genetic and immunophenotypic analysis of antigen profile and osteogenic and adipogenic potentials of mesenchymal stromal cells from fetal liver and adult bone marrow in rats. <i>Cell and Tissue Biology</i> , 2009, 3, 222-235.	0.2	1
320	Assessment of the proliferation of human mesenchymal stromal cells in the presence of human demineralised bone matrix. <i>Biologia (Poland)</i> , 2009, 64, 1247-1251.	0.8	2
321	Mesenchymal Stromal Cells Derived from Human Umbilical Cord Tissues: Primitive Cells with Potential for Clinical and Tissue Engineering Applications. , 2009, 123, 29-54.		42
322	Properties and growth of human bone marrow mesenchymal stromal cells cultivated in different media. <i>Cytotherapy</i> , 2009, 11, 874-885.	0.3	58
323	A Comprehensive Review on Mesenchymal Stem Cell Growth and Senescence. <i>Rejuvenation Research</i> , 2009, 12, 105-116.	0.9	118
324	Cell therapy approaches for lung diseases: current status. <i>Current Opinion in Pharmacology</i> , 2009, 9, 268-273.	1.7	71
325	Optimized cryopreservation method for human dental pulp-derived stem cells and their tissues of origin for banking and clinical use. <i>Cryobiology</i> , 2009, 59, 150-157.	0.3	145
326	Mechanisms involved in the therapeutic properties of mesenchymal stem cells. <i>Cytokine and Growth Factor Reviews</i> , 2009, 20, 419-427.	3.2	1,241
327	Umbilical cord blood mesenchymal stromal cells are neuroprotective and promote regeneration in a rat optic tract model. <i>Experimental Neurology</i> , 2009, 216, 439-448.	2.0	114
328	Adult Human Mesenchymal Stem Cells Added to Corticosteroid Therapy for the Treatment of Acute Graft-versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2009, 15, 804-811.	2.0	389
329	Endovenous Administration of Bone Marrow-Derived Multipotent Mesenchymal Stromal Cells Prevents Renal Failure in Diabetic Mice. <i>Biology of Blood and Marrow Transplantation</i> , 2009, 15, 1354-1365.	2.0	91
330	Down-regulation of CD105 is associated with multi-lineage differentiation in human umbilical cord blood-derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 381, 676-681.	1.0	90
331	A putative mesenchymal stem cells population isolated from adult human testes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 570-575.	1.0	47
332	Isolation and Production of Cells Suitable for Human Therapy: Challenges Ahead. <i>Cell Stem Cell</i> , 2009, 4, 20-26.	5.2	132

#	ARTICLE	IF	CITATIONS
333	Mesenchymal Stem Cell Homing: The Devil Is in the Details. <i>Cell Stem Cell</i> , 2009, 4, 206-216.	5.2	1,241
334	Intravenous hMSCs Improve Myocardial Infarction in Mice because Cells Embolized in Lung Are Activated to Secrete the Anti-inflammatory Protein TSG-6. <i>Cell Stem Cell</i> , 2009, 5, 54-63.	5.2	1,607
335	Isolation and immunophenotypic characterization of mesenchymal stem cells derived from equine species adipose tissue. <i>Veterinary Immunology and Immunopathology</i> , 2009, 132, 303-306.	0.5	116
336	Early modulation of inflammation by mesenchymal stem cell after acute kidney injury. <i>International Immunopharmacology</i> , 2009, 9, 677-682.	1.7	117
337	Mesenchymal stromal cells for cardiovascular repair: current status and future challenges. <i>Future Cardiology</i> , 2009, 5, 605-617.	0.5	53
338	Mesenchymal Stem Cells Derived from Dental Tissues vs Those from Other Sources: Their Biology and Role in Regenerative Medicine. <i>Journal of Dental Research</i> , 2009, 88, 792-806.	2.5	1,539
339	Adult Stem and Progenitor Cells. , 2009, 114, 1-21.		4
340	In Vitro Senescence of Rat Mesenchymal Stem Cells is Accompanied by Downregulation of Stemness-Related and DNA Damage Repair Genes. <i>Stem Cells and Development</i> , 2009, 18, 1033-1042.	1.1	72
341	Gene Expression Profile of Multipotent Mesenchymal Stromal Cells: Identification of Pathways Common to TGF β 3/BMP2-Induced Chondrogenesis. <i>Cloning and Stem Cells</i> , 2009, 11, 61-76.	2.6	46
342	Aging and Replicative Senescence Have Related Effects on Human Stem and Progenitor Cells. <i>PLoS ONE</i> , 2009, 4, e5846.	1.1	405
343	Phenotype and Gene Expression of Human Mesenchymal Stem Cells in Alginate Scaffolds. <i>Tissue Engineering - Part A</i> , 2009, 15, 1763-1773.	1.6	67
344	Human fallopian tube: a new source of multipotent adult mesenchymal stem cells discarded in surgical procedures. <i>Journal of Translational Medicine</i> , 2009, 7, 46.	1.8	81
345	Mesenchymal stem cells in hematopoietic stem cell transplantation. <i>Cytotherapy</i> , 2009, 11, 503-515.	0.3	163
346	Mesenchymal stem cells: the fibroblasts' new clothes?. <i>Haematologica</i> , 2009, 94, 258-263.	1.7	303
347	CD133 Identifies a Human Bone Marrow Stem/Progenitor Cell Sub-population With a Repertoire of Secreted Factors That Protect Against Stroke. <i>Molecular Therapy</i> , 2009, 17, 1938-1947.	3.7	79
348	An alternative method for the isolation of mesenchymal stromal cells derived from lipoaspirate samples. <i>Cytotherapy</i> , 2009, 11, 706-715.	0.3	91
349	Mesenchymal stem cells: innovative therapeutic tools for rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2009, 5, 392-399.	3.5	278
350	Potential application of mesenchymal stem cells in acute lung injury. <i>Expert Opinion on Biological Therapy</i> , 2009, 9, 1259-1270.	1.4	131

#	ARTICLE	IF	CITATIONS
351	Review of Mesenchymal Stem Cells and Tumors: Executioner or Coconspirator?. Cancer Biotherapy and Radiopharmaceuticals, 2009, 24, 717-721.	0.7	70
352	Characterization of bone marrow-derived mesenchymal stromal cells (MSC) based on gene expression profiling of functionally defined MSC subsets. Cytotherapy, 2009, 11, 114-128.	0.3	68
353	Link between cancer stem cells and adult mesenchymal stromal cells: implications for cancer therapy. Regenerative Medicine, 2009, 4, 149-152.	0.8	14
354	Bone marrow mesenchymal stem cells from leukemia patients inhibit growth and apoptosis in serum-deprived K562 cells. Journal of Experimental and Clinical Cancer Research, 2009, 28, 141.	3.5	42
355	Stem Cell Sources for Regenerative Medicine. Methods in Molecular Biology, 2009, 482, 55-90.	0.4	46
356	Repair of Tissues by Adult Stem/Progenitor Cells (MSCs): Controversies, Myths, and Changing Paradigms. Molecular Therapy, 2009, 17, 939-946.	3.7	524
357	Human mesenchymal stromal cells from adult and neonatal sources: comparative analysis of their morphology, immunophenotype, differentiation patterns and neural protein expression. Cytotherapy, 2009, 11, 163-176.	0.3	93
358	Retinal pigment epithelial phenotype induced in human adipose tissue-derived mesenchymal stromal cells. Cytotherapy, 2009, 11, 177-188.	0.3	71
360	Large Scale Production of Stem Cells and Their Derivatives. , 2009, 114, 201-235.		51
361	Telomerase activity and expression in adult human mesenchymal stem cells derived from amyotrophic lateral sclerosis individuals. Cytotherapy, 2009, 11, 837-848.	0.3	17
362	A simple and efficient method for generating Nurr1-positive neuronal stem cells from human wisdom teeth (tNSC) and the potential of tNSC for stroke therapy. Cytotherapy, 2009, 11, 606-617.	0.3	55
363	Mesenchymal Stem Cells for Bone Repair and Metabolic Bone Diseases. Mayo Clinic Proceedings, 2009, 84, 893-902.	1.4	175
364	Comparative characterization of bone marrow-derived mesenchymal stromal cells from four different rat strains. Cytotherapy, 2009, 11, 435-442.	0.3	31
365	Differentiation of mesenchymal stromal cells derived from umbilical cord Wharton's jelly into hepatocyte-like cells. Cytotherapy, 2009, 11, 548-558.	0.3	94
366	Multipotent mesenchymal stem cells from amniotic fluid originate neural precursors with functional voltage-gated sodium channels. Cytotherapy, 2009, 11, 534-547.	0.3	53
367	Pulp and dentin tissue engineering and regeneration: current progress. Regenerative Medicine, 2009, 4, 697-707.	0.8	171
368	Bone marrow mesenchymal stem cells from infants with MLL-AF4+ acute leukemia harbor and express the MLL-AF4 fusion gene. Journal of Experimental Medicine, 2009, 206, 3131-3141.	4.2	109
369	Bone-Forming Capacity of Mesenchymal Stromal Cells When Cultured in the Presence of Human Platelet Lysate as Substitute for Fetal Bovine Serum. Tissue Engineering - Part A, 2009, 15, 3741-3751.	1.6	75

#	ARTICLE	IF	CITATIONS
370	Current understanding of endometrial stem cells. Expert Review of Obstetrics and Gynecology, 2009, 4, 273-282.	0.4	4
371	Mesenchymal Stromal Cells as Supportive Cells for Hepatocytes. Molecular Therapy, 2009, 17, 1504-1508.	3.7	27
372	Proinflammatory Cytokine Effects on Mesenchymal Stem Cell Therapy for the Ischemic Heart. Annals of Thoracic Surgery, 2009, 88, 1036-1043.	0.7	62
373	Rat marrow-derived mesenchymal stem cells developed in a medium supplemented with the autologous versus bovine serum. Cell Biology International, 2009, 33, 607-616.	1.4	8
375	Freshly isolated stromal cells from the infrapatellar fat pad are suitable for a one-step surgical procedure to regenerate cartilage tissue. Cytotherapy, 2009, 11, 1052-1064.	0.3	81
376	Culture conditions shape mesenchymal stromal cell phenotype and function. Cytotherapy, 2009, 11, 101-102.	0.3	6
377	Generation of mesenchymal stromal cells from HOXB4-expressing human embryonic stem cells. Cytotherapy, 2009, 11, 716-725.	0.3	8
378	Efficient expansion of mesenchymal stromal cells from umbilical cord under low serum conditions. Cytotherapy, 2009, 11, 738-748.	0.3	39
379	Human embryonic stem cell-derived mesenchymal stromal cell transplantation in a rat hind limb injury model. Cytotherapy, 2009, 11, 726-737.	0.3	63
380	What Part Can Mesenchymal Stem Cells Play in Transplantation Tolerance Induction?. Transplantation, 2009, 87, S36.	0.5	0
381	Heterogeneity of Multipotent Mesenchymal Stromal Cells: From Stromal Cells to Stem Cells and Vice Versa. Transplantation, 2009, 87, S36-S42.	0.5	63
382	Therapeutic Effect of Human Umbilical Cord Multipotent Mesenchymal Stromal Cells in a Rat Model of Stroke. Transplantation, 2009, 87, 350-359.	0.5	107
383	Mesenchymal Stem Cell Homing Capacity. Transplantation, 2009, 87, S42-S45.	0.5	136
384	The Immunosuppressive Properties of Mesenchymal Stem Cells. Transplantation, 2009, 87, S45-S49.	0.5	165
385	Mesenchymal stem cells: promise for chronic obstructive pulmonary disease therapy?. Therapy: Open Access in Clinical Medicine, 2009, 6, 779-782.	0.2	2
386	Bone marrow transplantation: new approaches to immunosuppression and management of acute graft-versus-host disease. Current Opinion in Pediatrics, 2009, 21, 30-38.	1.0	23
387	Early Translation of Adipose-Derived Cell Therapy for Cardiovascular Disease. Cell Transplantation, 2009, 18, 245-254.	1.2	45
388	The CD34-like protein PODXL and $\alpha 6$ -integrin (CD49f) identify early progenitor MSCs with increased clonogenicity and migration to infarcted heart in mice. Blood, 2009, 113, 816-826.	0.6	169

#	ARTICLE	IF	CITATIONS
389	Revascularization of ischemic limbs after transplantation of human bone marrow cells with high aldehyde dehydrogenase activity. <i>Blood</i> , 2009, 113, 5340-5351.	0.6	149
390	Treating autoimmune diseases: is stem cell therapy the future?. <i>International Journal of Clinical Rheumatology</i> , 2009, 4, 395-408.	0.3	1
391	The use of adipose progenitor cells in urology. , 2009, , 395-421.		0
392	Toward MSC in Solid Organ Transplantation: 2008 Position Paper of the MISOT Study Group. <i>Transplantation</i> , 2009, 88, 614-619.	0.5	64
393	Stabilizer-Free Poly(lactide-co-glycolide) Nanoparticles Conjugated with Quantum Dots as a Potential Carrier Applied in Human Mesenchymal Stem Cells. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 940-948.	0.8	6
394	Prolonged ex vivo culture of human bone marrow mesenchymal stem cells influences their supportive activity toward NOD/SCID-repopulating cells and committed progenitor cells of B lymphoid and myeloid lineages. <i>Haematologica</i> , 2010, 95, 47-56.	1.7	63
395	Clinical Applications of Mesenchymal Stem Cells in Laryngotracheal Reconstruction. <i>Current Stem Cell Research and Therapy</i> , 2010, 5, 268-272.	0.6	11
396	Mesenchymal Stem Cells: New Approaches for the Treatment of Neurological Diseases. <i>Current Stem Cell Research and Therapy</i> , 2010, 5, 326-344.	0.6	76
397	Isolation and Characterization of Mesenchymal Stromal Cells From Human Degenerated Nucleus Pulposus. <i>Spine</i> , 2010, 35, 2259-2265.	1.0	178
398	Stem Cell Technology—Emerging Framework for Hazard Assessment and Biosafety Considerations. <i>Applied Biosafety</i> , 2010, 15, 15-24.	0.2	0
399	Biology and applications of Mesenchymal Stem Cells. <i>Science Progress</i> , 2010, 93, 113-127.	1.0	37
400	Applications of Human Umbilical Cord Blood Cells in Central Nervous System Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2010, 5, 17-22.	0.6	12
401	Evaluation of magnesium alloys with alternative surface finishing for the proliferation and chondro-differentiation of human mesenchymal stem cells. <i>Journal of Physics: Conference Series</i> , 2010, 252, 012010.	0.3	0
402	Immunomodulatory effects of mesenchymal stromal cells in solid organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2010, 15, 731-737.	0.8	23
403	Stem cells in sepsis and acute lung injury. <i>Critical Care Medicine</i> , 2010, 38, 2379-2385.	0.4	64
404	Emerging therapeutic approaches for multipotent mesenchymal stromal cells. <i>Current Opinion in Hematology</i> , 2010, 17, 505-513.	1.2	44
405	Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2010, 126, 1163-1171.	0.7	38
406	Isolation and Perivascular Localization of Mesenchymal Stem Cells From Mouse Brain. <i>Neurosurgery</i> , 2010, 67, 711-720.	0.6	75

#	ARTICLE	IF	CITATIONS
407	Plasticity of Fetal Cartilaginous Cells. <i>Cell Transplantation</i> , 2010, 19, 1349-1357.	1.2	30
408	Adipose-derived stem cells cultured in autologous serum maintain the characteristics of mesenchymal stem cells. <i>Proceedings of the Latvian Academy of Sciences</i> , 2010, 64, 106-113.	0.0	1
409	Replicative senescence-associated gene expression changes in mesenchymal stromal cells are similar under different culture conditions. <i>Haematologica</i> , 2010, 95, 867-874.	1.7	120
410	Influence of primary adhesive interactions with fibronectin on clonal growth and osteogenic potential of rat mesenchymal stromal cells. <i>Cell and Tissue Biology</i> , 2010, 4, 313-321.	0.2	1
411	Multilineage potential of adult human mesenchymal stromal cells derived from bone marrow of patients with polycythaemia vera. <i>Biologia (Poland)</i> , 2010, 65, 372-378.	0.8	0
412	In-vitro promoted differentiation of mesenchymal stem cells towards hepatocytes induced by salidroside. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 530-538.	1.2	18
413	Mesenchymal Stem Cells and Cancer: Tumor-Specific Delivery Vehicles or Therapeutic Targets?. <i>Human Gene Therapy</i> , 2010, 21, 1506-1512.	1.4	39
414	Human Bone Marrow and Adipose Tissue Mesenchymal Stem Cells: A User's Guide. <i>Stem Cells and Development</i> , 2010, 19, 1449-1470.	1.1	297
415	The Regulation of Differentiation in Mesenchymal Stem Cells. <i>Human Gene Therapy</i> , 2010, 21, 1226-1238.	1.4	312
416	Characterization of Platelet Lysate Cultured Mesenchymal Stromal Cells and Their Potential Use in Tissue-Engineered Osteogenic Devices for the Treatment of Bone Defects. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 201-214.	1.1	53
417	Mesenchymal stem cells at the intersection of cell and gene therapy. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 1663-1679.	1.4	88
418	Stem cell transplantation in multiple sclerosis: current status and future prospects. <i>Nature Reviews Neurology</i> , 2010, 6, 247-255.	4.9	175
419	Bone marrow stromal cells from multiple myeloma patients uniquely induce bortezomib resistant NF- κ B activity in myeloma cells. <i>Molecular Cancer</i> , 2010, 9, 176.	7.9	103
420	Adult stem cells in the endometrium. <i>Molecular Human Reproduction</i> , 2010, 16, 818-834.	1.3	316
421	Chemotherapy-induced mesenchymal stem cell damage in patients with hematological malignancy. <i>Annals of Hematology</i> , 2010, 89, 701-713.	0.8	54
423	Hepatocyte growth factor-mediated attraction of mesenchymal stem cells for apoptotic neuronal and cardiomyocytic cells. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 295-303.	2.4	37
424	Intra-brain microinjection of human mesenchymal stem cells decreases allodynia in neuropathic mice. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 655-669.	2.4	91
425	GD2 expression is closely associated with neuronal differentiation of human umbilical cord blood-derived mesenchymal stem cells. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1845-1858.	2.4	47

#	ARTICLE	IF	CITATIONS
429	Integrin expression and integrin-mediated adhesion in vitro of human multipotent stromal cells (MSCs) to endothelial cells from various blood vessels. <i>Cell and Tissue Research</i> , 2010, 341, 147-158.	1.5	59
430	Morphologic and transcriptomic comparison of adipose- and bone-marrow-derived porcine stem cells cultured in alginate hydrogels. <i>Cell and Tissue Research</i> , 2010, 341, 359-370.	1.5	40
431	In-advance trans-medullary stimulation of bone marrow enhances spontaneous repair of full-thickness articular cartilage defects in rabbits. <i>Cell and Tissue Research</i> , 2010, 341, 371-379.	1.5	8
432	Comparison of ganglioside expression between human adipose- and dental pulp-derived stem cell differentiation into osteoblasts. <i>Archives of Pharmacal Research</i> , 2010, 33, 585-591.	2.7	23
433	Inflammatory Cytokine Induced Regulation of Superoxide Dismutase 3 Expression by Human Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2010, 6, 548-559.	5.6	74
434	Intracerebroventricular Transplantation of Human Mesenchymal Stem Cells Induced to Secrete Neurotrophic Factors Attenuates Clinical Symptoms in a Mouse Model of Multiple Sclerosis. <i>Journal of Molecular Neuroscience</i> , 2010, 41, 129-137.	1.1	59
435	Mesenchymal stromal cells for steroid-refractory acute graft-versus-host disease: a report of two cases. <i>International Journal of Hematology</i> , 2010, 92, 204-207.	0.7	26
436	Mesenchymal Stem Cell Mechanobiology. <i>Current Osteoporosis Reports</i> , 2010, 8, 98-104.	1.5	80
437	Evaluation of suitable reference gene for real-time PCR in human umbilical cord mesenchymal stem cells with long-term in vitro expansion. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 595-599.	0.7	13
438	Mesenchymal Stem Cells in the Pathogenesis and Therapy of Breast Cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2010, 15, 399-409.	1.0	52
439	Migratory response of mesenchymal stem cells to macrophage migration inhibitory factor and its antagonist as a function of colony-forming efficiency. <i>Biotechnology Letters</i> , 2010, 32, 19-27.	1.1	27
440	Proline-Rich Hypothalamic Polypeptide Has Opposite Effects on the Proliferation of Human Normal Bone Marrow Stromal Cells and Human Giant-cell Tumour Stromal Cells. <i>Neurochemical Research</i> , 2010, 35, 934-939.	1.6	8
441	Resident and bone marrow-derived mesenchymal stem cells in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2010, 46, 336-342.	0.8	45
442	Isolation of clonogenic, long-term self renewing embryonic renal stem cells. <i>Stem Cell Research</i> , 2010, 5, 23-39.	0.3	65
443	Ovalbumin sensitization and challenge increases the number of lung cells possessing a mesenchymal stromal cell phenotype. <i>Respiratory Research</i> , 2010, 11, 127.	1.4	38
444	Multipotent mesenchymal stem cells from human placenta: critical parameters for isolation and maintenance of stemness after isolation. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 202, 193.e1-193.e13.	0.7	96
445	Isolation and characterization of true mesenchymal stem cells derived from human term decidua capable of multilineage differentiation into all 3 embryonic layers. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 495.e9-495.e23.	0.7	98
446	Effect of Fluid Shear Stress on Cardiomyogenic Differentiation of Rat Bone Marrow Mesenchymal Stem Cells. <i>Archives of Medical Research</i> , 2010, 41, 497-505.	1.5	109

#	ARTICLE	IF	CITATIONS
447	Impairment in Immunomodulatory Function of Mesenchymal Stem Cells from Multiple Myeloma Patients. Archives of Medical Research, 2010, 41, 623-633.	1.5	35
448	Therapeutic window for treatment of cortical ischemia with bone marrow-derived cells in rats. Brain Research, 2010, 1306, 149-158.	1.1	103
449	Human umbilical cord mesenchymal stem cells hUC-MSCs exert immunosuppressive activities through a PGE2-dependent mechanism. Clinical Immunology, 2010, 135, 448-458.	1.4	188
450	Effects of high-dose chemotherapy on bone marrow multipotent mesenchymal stromal cells isolated from lymphoma patients. Experimental Hematology, 2010, 38, 292-300.e4.	0.2	29
451	Osteopoietic engraftment after bone marrow transplantation: Effect of inbred strain of mice. Experimental Hematology, 2010, 38, 836-844.	0.2	6
452	Does mobilisation and transmigration of mesenchymal stem cells occur after trauma?. Injury, 2010, 41, 1099-1102.	0.7	6
453	Adult muscle stem cells can be sustained in culture as free-floating myospheres. Experimental Cell Research, 2010, 316, 1966-1976.	1.2	36
454	Characterization of distinct mesenchymal-like cell populations from human skeletal muscle in situ and in vitro. Experimental Cell Research, 2010, 316, 2513-2526.	1.2	77
455	Mesenchymal stem cells: Paracrine signaling and differentiation during cutaneous wound repair. Experimental Cell Research, 2010, 316, 2213-2219.	1.2	334
456	Genome-wide expression profiling and functional network analysis upon neuroectodermal conversion of human mesenchymal stem cells suggest HIF-1 and miR-124a as important regulators. Experimental Cell Research, 2010, 316, 2760-2778.	1.2	23
457	Coculture with mesenchymal stromal cells increases proliferation and maintenance of haematopoietic progenitor cells. Journal of Cellular and Molecular Medicine, 2010, 14, 337-350.	1.6	146
458	Growth inhibition of colorectal carcinoma by lentiviral TRAIL-transgenic human mesenchymal stem cells requires their substantial intratumoral presence. Journal of Cellular and Molecular Medicine, 2010, 14, 2292-2304.	1.6	65
459	Evolving paradigms for repair of tissues by adult stem/progenitor cells (MSCs). Journal of Cellular and Molecular Medicine, 2010, 14, 2190-2199.	1.6	232
460	Human mesenchymal stem cells and their use in cell-based therapies. Cancer, 2010, 116, 2519-2530.	2.0	117
461	Adenosine inhibits chemotaxis and induces hepatocyte-specific genes in bone marrow mesenchymal stem cells. Hepatology, 2010, 51, NA-NA.	3.6	22
462	Human adipose-derived stem cells (hASCs) proliferate and differentiate in osteoblast-like cells on trabecular titanium scaffolds. Journal of Biomedical Materials Research - Part A, 2010, 94A, 790-799.	2.1	58
463	Therapeutic potential of adult bone marrow-derived mesenchymal stem cells in diseases of the skeleton. Journal of Cellular Biochemistry, 2010, 111, 249-257.	1.2	110
464	Chondrogenic potential of subpopulations of cells expressing mesenchymal stem cell markers derived from human synovial membranes. Journal of Cellular Biochemistry, 2010, 111, 834-845.	1.2	95

#	ARTICLE	IF	CITATIONS
465	Regulation of stemness and stem cell niche of mesenchymal stem cells: Implications in tumorigenesis and metastasis. <i>Journal of Cellular Physiology</i> , 2010, 222, 268-277.	2.0	234
466	Cryopreservation of human bone marrow-derived mesenchymal stem cells with reduced dimethylsulfoxide and well-defined freezing solutions. <i>Biotechnology Progress</i> , 2010, 26, 1635-1643.	1.3	87
467	Characterization of the human nucleus pulposus cell phenotype and evaluation of novel marker gene expression to define adult stem cell differentiation. <i>Arthritis and Rheumatism</i> , 2010, 62, 3695-3705.	6.7	194
468	Fibroblast growth factor 2 and platelet-derived growth factor, but not platelet lysate, induce proliferation-dependent, functional class II major histocompatibility complex antigen in human mesenchymal stem cells. <i>Arthritis and Rheumatism</i> , 2010, 62, 3815-3825.	6.7	78
469	Mesenchymal stem cells from development to postnatal joint homeostasis, aging, and disease. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2010, 90, 257-271.	3.6	33
470	In vivo MR imaging tracking of transplanted mesenchymal stem cells in a rabbit model of acute peripheral nerve traction injury. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 1076-1085.	1.9	27
471	Circulating plastic adherent mesenchymal stem cells in aged hip fracture patients. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1634-1642.	1.2	109
472	Effect of cryopreservation on biological and immunological properties of stem cells from apical papilla. <i>Journal of Cellular Physiology</i> , 2010, 223, 415-422.	2.0	90
473	Ex vivo organ culture of adipose tissue for in situ mobilization of adipose-derived stem cells and defining the stem cell niche. <i>Journal of Cellular Physiology</i> , 2010, 224, 807-816.	2.0	30
474	Impact of histone deacetylase inhibitors SAHA and MS-275 on DNA repair pathways in human mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2010, 225, 537-544.	2.0	26
475	Characterization of mesenchymal stem cells from human vocal fold fibroblasts. <i>Laryngoscope</i> , 2010, 120, 546-551.	1.1	74
476	Influence of culture parameters on ear mesenchymal stem cells expanded on microcarriers. <i>Journal of Biotechnology</i> , 2010, 150, 149-160.	1.9	34
477	Differences between in vitro viability and differentiation and in vivo bone-forming efficacy of human mesenchymal stem cells cultured on PCL-TCP scaffolds. <i>Biomaterials</i> , 2010, 31, 7960-7970.	5.7	133
478	The use of a polyelectrolyte fibrous scaffold to deliver differentiated hMSCs to the liver. <i>Biomaterials</i> , 2010, 31, 48-57.	5.7	48
479	The osteogenic differentiation of adult bone marrow and perinatal umbilical mesenchymal stem cells and matrix remodelling in three-dimensional collagen scaffolds. <i>Biomaterials</i> , 2010, 31, 467-480.	5.7	203
480	Support of human adipose-derived mesenchymal stem cell multipotency by a poloxamer-octapeptide hybrid hydrogel. <i>Biomaterials</i> , 2010, 31, 5122-5130.	5.7	31
481	The role of pharmacologically active microcarriers releasing TGF- β 2 in cartilage formation in vivo by mesenchymal stem cells. <i>Biomaterials</i> , 2010, 31, 6485-6493.	5.7	97
482	Low physiologic oxygen tensions reduce proliferation and differentiation of human multipotent mesenchymal stromal cells. <i>BMC Cell Biology</i> , 2010, 11, 11.	3.0	260

#	ARTICLE	IF	CITATIONS
483	Characterization of adipocyte differentiation from human mesenchymal stem cells in bone marrow. <i>BMC Developmental Biology</i> , 2010, 10, 47.	2.1	93
484	EF1 β and RPL13a represent normalization genes suitable for RT-qPCR analysis of bone marrow derived mesenchymal stem cells. <i>BMC Molecular Biology</i> , 2010, 11, 61.	3.0	83
485	Defining human mesenchymal stem cell efficacy in vivo. <i>Journal of Inflammation</i> , 2010, 7, 51.	1.5	67
486	Les cellules souches m \u00e9 senchymateuses : des cellules pour la m \u00e9 decine r \u00e9 g \u00e9 n \u00e9 rative du futur ?. <i>Revue Francophone Des Laboratoires</i> , 2010, 2010, 47-59.	0.0	0
487	In Vitro High-Capacity Assay to Quantify the Clonal Heterogeneity in Trilineage Potential of Mesenchymal Stem Cells Reveals a Complex Hierarchy of Lineage Commitment. <i>Stem Cells</i> , 2010, 28, 788-798.	1.4	376
488	Concise Review: Mind the Gap: Challenges in Characterizing and Quantifying Cell- and Tissue-Based Therapies for Clinical Translation. <i>Stem Cells</i> , 2010, 28, 996-1004.	1.4	95
489	The Lamina Propria of Adult Human Oral Mucosa Harbors a Novel Stem Cell Population. <i>Stem Cells</i> , 2010, 28, 984-995.	1.4	159
490	An Inducible Caspase 9 Suicide Gene to Improve the Safety of Mesenchymal Stromal Cell Therapies. <i>Stem Cells</i> , 2010, 28, 1107-1115.	1.4	80
491	Concise Review: Hitting the Right Spot with Mesenchymal Stromal Cells $\hat{\text{A}}$. <i>Stem Cells</i> , 2010, 28, 1446-1455.	1.4	348
492	Allogeneic Periodontal Ligament Stem Cell Therapy for Periodontitis in Swine $\hat{\text{A}}$ $\hat{\text{A}}$. <i>Stem Cells</i> , 2010, 28, 1829-1838.	1.4	321
493	Antibacterial Effect of Human Mesenchymal Stem Cells Is Mediated in Part from Secretion of the Antimicrobial Peptide LL-37. <i>Stem Cells</i> , 2010, 28, 2229-2238.	1.4	672
494	Isolation of pig bone marrow mesenchymal stem cells suitable for one-step procedures in chondrogenic regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2010, 4, n/a-n/a.	1.3	30
495	DNA methylation pattern changes upon long $\hat{\text{e}}$ term culture and aging of human mesenchymal stromal cells. <i>Aging Cell</i> , 2010, 9, 54-63.	3.0	378
496	Mechanosensitivity of dental pulp stem cells is related to their osteogenic maturity. <i>European Journal of Oral Sciences</i> , 2010, 118, 29-38.	0.7	41
497	Novel ceramic bone replacement material CeraBall ^{$\hat{\text{A}}$} seeded with human mesenchymal stem cells. <i>Clinical Oral Implants Research</i> , 2010, 21, 262-267.	1.9	11
498	Behaviour of multipotent maxillary bone $\hat{\text{e}}$ derived cells on $\hat{\text{I}}$ ² $\hat{\text{e}}$ tricalcium phosphate and highly porous bovine bone mineral. <i>Clinical Oral Implants Research</i> , 2010, 21, 699-708.	1.9	20
499	Cutaneous mesenchymal stem cells: status of current knowledge, implications for dermatopathology. <i>Journal of Cutaneous Pathology</i> , 2010, 37, 624-634.	0.7	29
500	Review article: stem cell therapies for inflammatory bowel disease $\hat{\text{e}}$ efficacy and safety. <i>Alimentary Pharmacology and Therapeutics</i> , 2010, 32, 939-952.	1.9	42

#	ARTICLE	IF	CITATIONS
501	The cytotoxic effects of resinâ€based sealers on dental pulp stem cells. International Endodontic Journal, 2010, 43, 646-653.	2.3	26
502	Cell cycle and tissue of origin contribute to the migratory behaviour of human fetal and adult mesenchymal stromal cells. British Journal of Haematology, 2010, 148, 428-440.	1.2	30
503	Inflammatory conditions affect gene expression and function of human adipose tissue-derived mesenchymal stem cells. Clinical and Experimental Immunology, 2010, 162, 474-486.	1.1	193
504	The BRG1 ATPase of chromatin remodeling complexes is involved in modulation of mesenchymal stem cell senescence through RBâ€P53 pathways. Oncogene, 2010, 29, 5452-5463.	2.6	45
505	Mesenchymal stem cells as therapeutic tools and gene carriers in liver fibrosis and hepatocellular carcinoma. Gene Therapy, 2010, 17, 692-708.	2.3	69
506	Immunosuppressive properties of human umbilical cordâ€derived mesenchymal stem cells: role of B7â€H1 and IDO. Immunology and Cell Biology, 2010, 88, 795-806.	1.0	182
507	Baculovirus-transduced bone marrow mesenchymal stem cells for systemic cancer therapy. Cancer Gene Therapy, 2010, 17, 721-729.	2.2	45
508	Building bone from blood vessels. Nature Medicine, 2010, 16, 1373-1374.	15.2	8
509	A protocol for isolation and culture of mesenchymal stem cells from mouse compact bone. Nature Protocols, 2010, 5, 550-560.	5.5	427
510	The generation of hepatocytes from mesenchymal stem cells and engraftment into murine liver. Nature Protocols, 2010, 5, 617-627.	5.5	104
511	Organization of immunological memory by bone marrow stroma. Nature Reviews Immunology, 2010, 10, 193-200.	10.6	210
512	Application of mesenchymal stromal cells in urological diseases. BJU International, 2010, 105, 309-312.	1.3	13
513	Strategies in cardiac tissue engineering. ANZ Journal of Surgery, 2010, 80, 683-693.	0.3	31
514	Study of the Structure of Canine Mesenchymal Stem Cell Osteogenic Culture. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2010, 39, 446-455.	0.3	12
515	Circulating Osteogenic Precursor Cells. Critical Reviews in Eukaryotic Gene Expression, 2010, 20, 171-180.	0.4	19
516	How to track cellular aging of mesenchymal stromal cells?. Aging, 2010, 2, 224-230.	1.4	140
518	Cellular approaches to stroke recovery. , 2010, , 267-274.		3
519	Stem cell therapeutics: potential in the treatment of inflammatory bowel disease. Clinical and Experimental Gastroenterology, 2010, , 1.	1.0	7

#	ARTICLE	IF	CITATIONS
520	Immunomodulatory effect of mesenchymal stem cells. Brazilian Journal of Medical and Biological Research, 2010, 43, 425-430.	0.7	65
521	Progress in the Development of Membranes for Kidney-Replacement Therapy. , 2010, , 351-390.		13
522	Increasing tPA Activity in Astrocytes Induced by Multipotent Mesenchymal Stromal Cells Facilitate Neurite Outgrowth after Stroke in the Mouse. PLoS ONE, 2010, 5, e9027.	1.1	94
523	Human Multipotent Stromal Cells (MSCs) Increase Neurogenesis and Decrease Atrophy of the Striatum in a Transgenic Mouse Model for Huntington's Disease. PLoS ONE, 2010, 5, e9347.	1.1	75
524	Culture-Modified Bone Marrow Cells Attenuate Cardiac and Renal Injury in a Chronic Kidney Disease Rat Model via a Novel Antifibrotic Mechanism. PLoS ONE, 2010, 5, e9543.	1.1	55
525	Unravelling the Mystery of Stem/Progenitor Cells in Human Breast Milk. PLoS ONE, 2010, 5, e14421.	1.1	81
526	Potential role of stem cells in management of COPD. International Journal of COPD, 2010, 5, 81.	0.9	14
527	C�lulas Troncales Derivadas del Tejido Adiposo. International Journal of Morphology, 2010, 28, .	0.1	3
528	Isolation of Density Enrichment Fraction of Adipose-Derived Stem Cells from Stromal Vascular Fraction by Gradient Centrifugation Method. Endocrinology and Metabolism, 2010, 25, 103.	1.3	1
529	Mesenchymal Stem Cells: �Repair Cells�that Serve Wounds and Cancer?. Scientific World Journal, The, 2010, 10, 1234-1238.	0.8	10
530	Mesenchymal stem cells: Molecular characteristics and clinical applications. World Journal of Stem Cells, 2010, 2, 67.	1.3	176
531	The Generation of Three-dimensional Tissue Structures with Mesenchymal Stem Cells. ATLA Alternatives To Laboratory Animals, 2010, 38, 31-34.	0.7	1
532	Mesenchymal stem cells in the treatment of ischemic stroke: progress and possibilities. Stem Cells and Cloning: Advances and Applications, 2010, 3, 157.	2.3	26
533	Stem/progenitor cells from inflamed human dental pulp retain tissue regeneration potential. Regenerative Medicine, 2010, 5, 617-631.	0.8	243
534	CTGF directs fibroblast differentiation from human mesenchymal stem/stromal cells and defines connective tissue healing in a rodent injury model. Journal of Clinical Investigation, 2010, 120, 3340-3349.	3.9	263
535	Stem cell-mediated neovascularization in heart repair. Therapeutic Advances in Cardiovascular Disease, 2010, 4, 27-42.	1.0	27
536	Time-Dependent Migration of Systemically Delivered Bone Marrow Mesenchymal Stem Cells to the Infarcted Heart. Cell Transplantation, 2010, 19, 219-230.	1.2	133
537	Mesenchymal Stem Cells Enhance Allogeneic Islet Engraftment in Nonhuman Primates. Diabetes, 2010, 59, 2558-2568.	0.3	192

#	ARTICLE	IF	CITATIONS
538	Human multipotent mesenchymal stromal cells use galectin-1 to inhibit immune effector cells. <i>Blood</i> , 2010, 116, 3770-3779.	0.6	224
539	Response to Letter by Deng. <i>Circulation Research</i> , 2010, 107, .	2.0	0
540	Effects of Centrifugation on Cell Composition and Viability of Aspirated Adipose Tissue Processed for Transplantation. <i>Aesthetic Surgery Journal</i> , 2010, 30, 249-255.	0.9	114
541	Uterine Leiomyomas Exhibit Fewer Stem/Progenitor Cell Characteristics When Compared With Corresponding Normal Myometrium. <i>Reproductive Sciences</i> , 2010, 17, 158-167.	1.1	67
542	Stem Cells Grown in Osteogenic Medium on PLGA, PLGA/HA, and Titanium Scaffolds for Surgical Applications. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-12.	1.8	29
543	MSCA-1/TNAP Selection of Human Jaw Periosteal Cells Improves their Mineralization Capacity. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 1073-1080.	1.1	34
544	Clinical Application of Human Mesenchymal Stromal Cells for Bone Tissue Engineering. <i>Stem Cells International</i> , 2010, 2010, 1-12.	1.2	92
545	Mesenchymal stem cells respond to TNF but do not produce TNF. <i>Journal of Leukocyte Biology</i> , 2009, 87, 283-289.	1.5	46
546	Mesenchymal Stem Cell Therapy for Nonhealing Cutaneous Wounds. <i>Plastic and Reconstructive Surgery</i> , 2010, 125, 510-516.	0.7	138
547	Toward Brain Tumor Gene Therapy Using Multipotent Mesenchymal Stromal Cell Vectors. <i>Molecular Therapy</i> , 2010, 18, 1067-1075.	3.7	95
548	Stem cell treatment for Crohn's disease. <i>Expert Review of Clinical Immunology</i> , 2010, 6, 597-605.	1.3	19
549	A Multipotent Neural Crest-Derived Progenitor Cell Population Is Resident Within the Oral Mucosa Lamina Propria. <i>Stem Cells and Development</i> , 2010, 19, 819-830.	1.1	93
550	Adipose Tissue Engineering for Soft Tissue Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 413-426.	2.5	212
551	Osteogenic differentiation of hESCs after culturing on fibrillar type I collagen coatings. , 2010, , .		0
552	Origins of Gliogenic Stem Cell Populations Within Adult Skin and Bone Marrow. <i>Stem Cells and Development</i> , 2010, 19, 1055-1065.	1.1	9
553	Repeated administration of bone marrow-derived mesenchymal stem cells improved the protective effects on a remnant kidney model. <i>Renal Failure</i> , 2010, 32, 840-848.	0.8	73
554	Introduction to Series on Mesenchymal Stromal (Stem) Cells's MSCs. <i>Human Gene Therapy</i> , 2010, 21, 1037-1038.	1.4	0
555	Prospective Isolation of Mesenchymal Stem Cells from Multiple Mammalian Species Using Cross-Reacting Anti-Human Monoclonal Antibodies. <i>Stem Cells and Development</i> , 2010, 19, 1911-1921.	1.1	62

#	ARTICLE	IF	CITATIONS
556	Concentrated Bone Marrow Aspirate Improves Full-Thickness Cartilage Repair Compared with Microfracture in the Equine Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 1927-1937.	1.4	346
557	“Mesenchymal” Stem Cells in Human Bone Marrow (Skeletal Stem Cells): A Critical Discussion of Their Nature, Identity, and Significance in Incurable Skeletal Disease. <i>Human Gene Therapy</i> , 2010, 21, 1057-1066.	1.4	154
558	Multipotent mesenchymal stromal cell therapy in renal disease and kidney transplantation. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 17-24.	0.4	83
559	Container system for enabling commercial production of cryopreserved cell therapy products. <i>Regenerative Medicine</i> , 2010, 5, 659-667.	0.8	21
560	Do stem-like cells play a role in drug resistance of sarcomas?. <i>Expert Review of Anticancer Therapy</i> , 2010, 10, 261-270.	1.1	30
561	What's in a Name?. <i>Tissue Engineering - Part A</i> , 2010, 16, 2415-2417.	1.6	139
562	Growth Factor Regulation of Prostaglandin-Endoperoxide Synthase 2 (Ptgs2) Expression in Colonic Mesenchymal Stem Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 5026-5039.	1.6	33
563	TGF- β^2 Enhances the Integrin $\alpha 2 \beta 1$ -Mediated Attachment of Mesenchymal Stem Cells to Type I Collagen. <i>Stem Cells and Development</i> , 2010, 19, 645-656.	1.1	35
564	Human umbilical cord perivascular cells (HUCPVC). <i>Organogenesis</i> , 2010, 6, 197-203.	0.4	82
565	Isolation, Characterization, Differentiation, and Application of Adipose-Derived Stem Cells. , 2010, 123, 55-105.		61
566	Temporal Analysis of Equine Bone Marrow Aspirate During Establishment of Putative Mesenchymal Progenitor Cell Populations. <i>Stem Cells and Development</i> , 2010, 19, 269-282.	1.1	103
567	Mesenchymal Progenitor Cells and Their Orthopedic Applications: Forging a Path towards Clinical Trials. <i>Stem Cells International</i> , 2010, 2010, 1-14.	1.2	51
568	Multipotent mesenchymal progenitor cells are present in endarterectomized tissues from patients with chronic thromboembolic pulmonary hypertension. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C1217-C1225.	2.1	63
569	Differential effects of hypoxia on osteochondrogenic potential of human adipose-derived stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C355-C364.	2.1	120
570	Human mesenchymal stem cells suppress chronic airway inflammation in the murine ovalbumin asthma model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L760-L770.	1.3	169
571	Modulation of Adult Mesenchymal Stem Cells Activity by Toll-Like Receptors: Implications on Therapeutic Potential. <i>Mediators of Inflammation</i> , 2010, 2010, 1-9.	1.4	155
572	Derivation and Characterization of an Extra-Axial Chordoma Cell Line (EACH-1) from a Scapular Tumor. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 1231-1240.	1.4	24
573	Translating Research into Clinical Scale Manufacturing of Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2010, 2010, 1-11.	1.2	48

#	ARTICLE	IF	CITATIONS
574	Mesenchymal stem cells in chronic lung disease: culprit or savior?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L732-L734.	1.3	23
575	Introduction to tissue engineering and application for cartilage engineering. Bio-Medical Materials and Engineering, 2010, 20, 127-133.	0.4	22
576	Cell therapy in bone healing disorders. Orthopedic Reviews, 2010, 2, e20.	0.3	49
577	Nonviral Gene Delivery to Mesenchymal Stem Cells Using Cationic Liposomes for Gene and Cell Therapy. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-12.	3.0	81
578	Identical, similar or different? Learning about immunomodulatory function of mesenchymal stem cells isolated from various mouse tissues: bone marrow, spleen, thymus and aorta wall. International Immunology, 2010, 22, 551-559.	1.8	37
579	Adult human mesenchymal cells proliferate and migrate in response to chemokines expressed in demyelination. Cell Adhesion and Migration, 2010, 4, 235-240.	1.1	44
580	Mesenchymal Stem or Stromal Cells: Toward a Better Understanding of Their Biology?. Transfusion Medicine and Hemotherapy, 2010, 37, 75-83.	0.7	126
581	The structure and regenerative capacity of synovial joint tissues. , 2010, , 1-38.		1
582	Three-Dimensional Hydrogel Model Using Adipose-Derived Stem Cells for Vocal Fold Augmentation. Tissue Engineering - Part A, 2010, 16, 535-543.	1.6	56
583	Stem cells and regenerative medicine: accomplishments to date and future promise. Therapeutic Delivery, 2010, 1, 693-705.	1.2	32
584	Effects of major human antiprotease α_1 -antitrypsin on the motility and proliferation of stromal cells from human exfoliated deciduous teeth. Regenerative Medicine, 2010, 5, 633-643.	0.8	5
585	The Mood Stabilizers Valproic Acid and Lithium Enhance Mesenchymal Stem Cell Migration via Distinct Mechanisms. Neuropsychopharmacology, 2010, 35, 2225-2237.	2.8	71
586	The Bone Marrow-Derived Human Mesenchymal Stem Cell: Potential Progenitor of the Endometrial Stromal Fibroblast1. Biology of Reproduction, 2010, 82, 1076-1087.	1.2	74
587	Bone Marrow Stem Cells in Clinical Application: Harnessing Paracrine Roles and Niche Mechanisms. , 2010, 123, 265-292.		14
588	Ectopic Human Mesenchymal Stem Cell-Coated Scaffolds in NOD/SCID Mice: An <i>In Vivo</i> Model of the Leukemia Niche. Tissue Engineering - Part C: Methods, 2010, 16, 1523-1531.	1.1	37
589	Use of stem cells in the biological repair of articular cartilage. Expert Opinion on Biological Therapy, 2010, 10, 43-55.	1.4	26
590	Potential therapeutic applications of muscle-derived mesenchymal stem and progenitor cells. Expert Opinion on Biological Therapy, 2010, 10, 505-517.	1.4	112
591	Recovery of Multipotent Progenitors from the Peripheral Blood of Patients Requiring Extracorporeal Membrane Oxygenation Support. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 226-237.	2.5	22

#	ARTICLE	IF	CITATIONS
592	Mesenchymal stem cells: biological properties and clinical applications. Expert Opinion on Biological Therapy, 2010, 10, 1453-1468.	1.4	147
593	Xenogenic Transplantation of Human Mesenchymal Stem Cells in a Critical Size Defect of the Sheep Tibia for Bone Regeneration. Tissue Engineering - Part A, 2010, 16, 33-43.	1.6	79
594	GMP-manufactured density gradient media for optimized mesenchymal stromal/stem cell isolation and expansion. Cytotherapy, 2010, 12, 466-477.	0.3	59
595	Periodontal Ligament Stem Cells: An Overview. Journal of Oral Biosciences, 2010, 52, 275-282.	0.8	3
596	A profusion of progenitors. Cytotherapy, 2010, 12, 273-274.	0.3	0
597	Expansion of human bone marrow-derived mesenchymal stromal cells: serum-reduced medium is better than conventional medium. Cytotherapy, 2010, 12, 587-592.	0.3	16
598	New Emerging Potentials for Human Wharton's Jelly Mesenchymal Stem Cells: Immunological Features and Hepatocyte-Like Differentiative Capacity. Stem Cells and Development, 2010, 19, 423-438.	1.1	192
599	Galectin-1 and Semaphorin-3A Are Two Soluble Factors Conferring T-Cell Immunosuppression to Bone Marrow Mesenchymal Stem Cell. Stem Cells and Development, 2010, 19, 1075-1079.	1.1	88
600	A Simple Modification of the Separation Method Reduces Heterogeneity of Adipose-Derived Stem Cells. Cells Tissues Organs, 2010, 192, 106-115.	1.3	50
601	Pro-Inflammatory Cytokines, IFN γ and TNF α , Influence Immune Properties of Human Bone Marrow and Wharton Jelly Mesenchymal Stem Cells Differentially. PLoS ONE, 2010, 5, e9016.	1.1	406
602	Therapeutic Potential of Mesenchymal Stem Cells for Severe Acute Lung Injury. Chest, 2010, 138, 965-972.	0.4	151
603	Culture and Characterization of Mesenchymal Stem Cells From Human Gingival Tissue. Journal of Periodontology, 2010, 81, 917-925.	1.7	203
604	Adult Stem Cell-Based Therapy for the Heart. , 2010, , 899-935.		0
606	Embryonic and adult stem cell therapy. Journal of Allergy and Clinical Immunology, 2010, 125, S336-S344.	1.5	113
607	Influence of decantation, washing and centrifugation on adipocyte and mesenchymal stem cell content of aspirated adipose tissue: A comparative study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2010, 63, 1375-1381.	0.5	194
608	Mesenchymal Stem Cell Mechanics from the Attached to the Suspended State. Biophysical Journal, 2010, 99, 2479-2487.	0.2	146
609	Foreign body-induced granulation tissue is a source of adult stem cells. Translational Research, 2010, 155, 191-199.	2.2	34
610	Culture of omentum-induced regenerating liver yielded hepatocyte-committed stem cells. Translational Research, 2010, 156, 358-368.	2.2	6

#	ARTICLE	IF	CITATIONS
611	Therapeutic Applications of Mesenchymal Stem Cells to Repair Kidney Injury. <i>Journal of Urology</i> , 2010, 184, 26-33.	0.2	79
612	Platelet-derived growth factor receptors regulate mesenchymal stem cell fate: implications for neovascularization. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 57-71.	1.4	45
613	Regenerative Therapy After Cancer: What Are the Risks?. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 567-575.	2.5	84
614	More insight into mesenchymal stem cells and their effects inside the body. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 215-230.	1.4	78
615	Mesenchymal stromal cells from human perinatal tissues: From biology to cell therapy. <i>World Journal of Stem Cells</i> , 2010, 2, 81.	1.3	100
616	Secretion of Fibrinolytic Enzymes Facilitates Human Mesenchymal Stem Cell Invasion into Fibrin Clots. <i>Cells Tissues Organs</i> , 2010, 191, 36-46.	1.3	80
617	Proteome analysis of human Wharton's jelly cells during in vitro expansion. <i>Proteome Science</i> , 2010, 8, 18.	0.7	48
618	Chondrogenesis of mesenchymal stem cells: role of tissue source and inducing factors. <i>Stem Cell Research and Therapy</i> , 2010, 1, 31.	2.4	129
619	Cartilage Engineering from Mesenchymal Stem Cells. , 2010, 123, 163-200.		17
620	Human Nasal Mucosa Contains Tissue-Resident Immunologically Responsive Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2010, 19, 635-644.	1.1	58
621	An Efficient Approach to Isolation and Characterization of Pre- and Postnatal Umbilical Cord Lining Stem Cells for Clinical Applications. <i>Cell Transplantation</i> , 2010, 19, 1439-1449.	1.2	33
622	Endogenous Collagen Influences Differentiation of Human Multipotent Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , 2010, 16, 1693-1702.	1.6	57
623	Proteomic Analysis of Human Osteoblastic Cells: Relevant Proteins and Functional Categories for Differentiation. <i>Journal of Proteome Research</i> , 2010, 9, 4688-4700.	1.8	30
624	Encapsulation of Mesenchymal Stem Cells from Wharton's Jelly in Alginate Microbeads. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 141-155.	1.1	59
625	Identification of growth and attachment factors for the serum-free isolation and expansion of human mesenchymal stromal cells. <i>Cytotherapy</i> , 2010, 12, 637-657.	0.3	91
626	Human Adipose-Derived Mesenchymal Stem Cells: Direction to a Phenotype Sharing Similarities with the Disc, Gene Expression Profiling, and Coculture with Human Annulus Cells. <i>Tissue Engineering - Part A</i> , 2010, 16, 2843-2860.	1.6	55
627	Gene Expression Patterns Related to Osteogenic Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells During <i>Ex Vivo</i> Expansion. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 511-524.	1.1	64
628	Mesenchymal Stem Cells Reduce Inflammation while Enhancing Bacterial Clearance and Improving Survival in Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 1047-1057.	2.5	622

#	ARTICLE	IF	CITATIONS
629	Mesenchymal stem cell therapy: Two steps forward, one step back. Trends in Molecular Medicine, 2010, 16, 203-209.	3.5	545
630	Axon growth-promoting properties of human bone marrow mesenchymal stromal cells. Neuroscience Letters, 2010, 474, 37-41.	1.0	28
631	Inherent Differential Propensity of Dental Pulp Stem Cells Derived from Human Deciduous and Permanent Teeth. Journal of Endodontics, 2010, 36, 1504-1515.	1.4	137
632	Matrix remodeling as stem cell recruitment event: A novel in vitro model for homing of human bone marrow stromal cells to the site of injury shows crucial role of extracellular collagen matrix. Matrix Biology, 2010, 29, 657-663.	1.5	55
634	Tissue regeneration potential in human umbilical cord blood. Best Practice and Research in Clinical Haematology, 2010, 23, 291-303.	0.7	46
635	Biological basis for the use of autologous bone marrow stromal cells in the treatment of congenital pseudarthrosis of the tibia. Bone, 2010, 46, 780-788.	1.4	23
636	P61. Adipose-derived stem cells from the brown bear (Ursus arctos) spontaneously undergo chondrogenic and osteogenic differentiation. Differentiation, 2010, 80, S37.	1.0	0
637	Regenerative Stromal Cell Therapy in Allogeneic Hematopoietic Stem Cell Transplantation: Current Impact and Future Directions. Biology of Blood and Marrow Transplantation, 2010, 16, 891-906.	2.0	39
638	Human gingiva-derived mesenchymal stem cells are superior to bone marrow-derived mesenchymal stem cells for cell therapy in regenerative medicine. Biochemical and Biophysical Research Communications, 2010, 393, 377-383.	1.0	303
639	Early homing behavior of Stro-1 ^{hi} mesenchyme-like cells derived from human embryonic stem cells in an immunocompetent xenogeneic animal model. Biochemical and Biophysical Research Communications, 2010, 394, 616-622.	1.0	4
640	First-trimester human decidua contains a population of mesenchymal stem cells. Fertility and Sterility, 2010, 93, 210-219.	0.5	35
641	Oxygen in Stem Cell Biology: A Critical Component of the Stem Cell Niche. Cell Stem Cell, 2010, 7, 150-161.	5.2	1,346
642	Mesenchymal Stromal Cells: Facilitators of Successful Transplantation?. Cell Stem Cell, 2010, 7, 431-442.	5.2	273
643	Isolation, identification and multipotential differentiation of mouse adipose tissue-derived stem cells. Tissue and Cell, 2010, 42, 211-216.	1.0	129
644	Isolation and Ex Vivo Expansion of Bone Marrow-Derived Porcine Mesenchymal Stromal Cells: Potential for Application in an Experimental Model of Solid Organ Transplantation in Large Animals. Transplantation Proceedings, 2010, 42, 1341-1343.	0.3	24
645	Origin and function of tumor stroma fibroblasts. Seminars in Cell and Developmental Biology, 2010, 21, 40-46.	2.3	98
646	Derivation and characterization of human fetal MSCs: An alternative cell source for large-scale production of cardioprotective microparticles. Journal of Molecular and Cellular Cardiology, 2010, 48, 1215-1224.	0.9	137
647	Perivascular cells as mesenchymal stem cells. Expert Opinion on Biological Therapy, 2010, 10, 1441-1451.	1.4	75

#	ARTICLE	IF	CITATIONS
648	Molecular profile and cellular characterization of human bone marrow mesenchymal stem cells: Donor influence on chondrogenesis. <i>Differentiation</i> , 2010, 80, 155-165.	1.0	25
649	Isolation of equine bone marrow-derived mesenchymal stem cells: a comparison between three protocols. <i>Equine Veterinary Journal</i> , 2010, 42, 519-527.	0.9	72
650	Mesenchymal Stem Cells and Potential Applications in Treating Ocular Disease. <i>Current Eye Research</i> , 2010, 35, 941-952.	0.7	72
651	Mesenchymal stem cell transplantation in amyotrophic lateral sclerosis: A Phase I clinical trial. <i>Experimental Neurology</i> , 2010, 223, 229-237.	2.0	333
652	Assessment of presence and characteristics of multipotent stromal cells in human endometrium and decidua. <i>Reproductive BioMedicine Online</i> , 2010, 20, 305-313.	1.1	39
653	New target cells of the immunomodulatory effects of progesterone. <i>Reproductive BioMedicine Online</i> , 2010, 21, 304-311.	1.1	36
654	Aggregation of human mesenchymal stromal cells (MSCs) into 3D spheroids enhances their antiinflammatory properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13724-13729.	3.3	791
655	Homing Pathways of Mesenchymal Stromal Cells (MSCs) and Their Role in Clinical Applications. <i>International Reviews of Immunology</i> , 2010, 29, 514-529.	1.5	58
656	Human Endometrial Side Population Cells Exhibit Genotypic, Phenotypic and Functional Features of Somatic Stem Cells. <i>PLoS ONE</i> , 2010, 5, e10964.	1.1	161
657	Different Facets of Aging in Human Mesenchymal Stem Cells. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 445-453.	2.5	187
658	Immunomodulatory Properties of Mesenchymal Stromal Cells and Their Therapeutic Consequences for Immune-Mediated Disorders. <i>Stem Cells and Development</i> , 2010, 19, 607-614.	1.1	193
659	Modulation of Matrix Metalloprotease-2 Levels by Mechanical Loading of Three-Dimensional Mesenchymal Stem Cell Constructs: Impact on <i>In Vitro</i> Tube Formation. <i>Tissue Engineering - Part A</i> , 2010, 16, 3139-3148.	1.6	27
660	A Differentiation-Based MicroRNA Signature Identifies Leiomyosarcoma as a Mesenchymal Stem Cell-Related Malignancy. <i>American Journal of Pathology</i> , 2010, 177, 908-917.	1.9	71
661	Hypoxia Responsive Mesenchymal Stem Cells Derived from Human Umbilical Cord Blood Are Effective for Bone Repair. <i>Stem Cells and Development</i> , 2010, 19, 1195-1210.	1.1	55
662	Stem cells as vectors for antitumour therapy. <i>Thorax</i> , 2010, 65, 362-369.	2.7	98
663	Adipose-Derived Mesenchymal Stem Cells as Stable Source of Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand Delivery for Cancer Therapy. <i>Cancer Research</i> , 2010, 70, 3718-3729.	0.4	226
664	Mesenchymal Stem Cells for Lung Repair and Regeneration. , 2010, , 25-42.		2
665	Characterization of in vitro expanded bone marrow-derived mesenchymal stem cells from patients with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 909-918.	1.4	62

#	ARTICLE	IF	CITATIONS
666	Modulating Endochondral Ossification of Multipotent Stromal Cells for Bone Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 385-395.	2.5	82
667	Functional Signature of Human Islet-Derived Precursor Cells Compared to Bone Marrow-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2010, 19, 679-691.	1.1	29
668	Mesenchymal stromal cells alone or expressing interferon- β suppress pancreatic tumors in vivo, an effect countered by anti-inflammatory treatment. <i>Cytotherapy</i> , 2010, 12, 615-625.	0.3	166
669	<i>Sox11</i> Is Expressed in Early Progenitor Human Multipotent Stromal Cells and Decreases with Extensive Expansion of the Cells. <i>Tissue Engineering - Part A</i> , 2010, 16, 3385-3394.	1.6	60
670	The immunosuppressive effect of Wharton's jelly stromal cells depends on the timing of their licensing and on lymphocyte activation. <i>Cytotherapy</i> , 2010, 12, 154-160.	0.3	37
671	Differential expression of biofunctional GM1 and GM3 gangliosides within the plastic-adherent multipotent mesenchymal stromal cell population. <i>Cytotherapy</i> , 2010, 12, 131-142.	0.3	23
672	Yield and characterization of subcutaneous human adipose-derived stem cells by flow cytometric and adipogenic mRNA analyzes. <i>Cytotherapy</i> , 2010, 12, 538-546.	0.3	111
673	Impact of individual platelet lysates on isolation and growth of human mesenchymal stromal cells. <i>Cytotherapy</i> , 2010, 12, 888-898.	0.3	129
674	Cancellous bone allograft seeded with human mesenchymal stromal cells: a potential good manufacturing practice-grade tool for the regeneration of bone defects. <i>Cytotherapy</i> , 2010, 12, 658-668.	0.3	17
675	Growth factor and cytokine expression of human mesenchymal stromal cells is not altered in an in vitro model of tissue damage. <i>Cytotherapy</i> , 2010, 12, 870-880.	0.3	17
676	Isolation and Characterization of Mesenchymal Stem Cells From the Sub-Amniotic Human Umbilical Cord Lining Membrane. <i>Stem Cells and Development</i> , 2010, 19, 491-502.	1.1	165
677	Intradiscal transplantation of synovial mesenchymal stem cells prevents intervertebral disc degeneration through suppression of matrix metalloproteinase-related genes in nucleus pulposus cells in rabbits. <i>Arthritis Research and Therapy</i> , 2010, 12, R206.	1.6	126
678	Curcumin mediated suppression of nuclear factor- κ B promotes chondrogenic differentiation of mesenchymal stem cells in a high-density co-culture microenvironment. <i>Arthritis Research and Therapy</i> , 2010, 12, R127.	1.6	119
679	Flow cytometric characterization of freshly isolated and culture expanded human synovial cell populations in patients with chronic arthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R15.	1.6	46
680	Topical delivery of mesenchymal stem cells and their function in wounds. <i>Stem Cell Research and Therapy</i> , 2010, 1, 30.	2.4	106
681	Advances in mesenchymal stem cell-mediated gene therapy for cancer. <i>Stem Cell Research and Therapy</i> , 2010, 1, 25.	2.4	97
682	A novel serum-free medium for the expansion of human mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2010, 1, 8.	2.4	212
683	Mesenchymal stem cells for repair of the airway epithelium in asthma. <i>Expert Review of Respiratory Medicine</i> , 2010, 4, 747-758.	1.0	19

#	ARTICLE	IF	CITATIONS
684	Limited Immune-Modulating Activity of Porcine Mesenchymal Stromal Cells Abolishes Their Protective Efficacy in Acute Kidney Injury. <i>Stem Cells and Development</i> , 2010, 19, 719-729.	1.1	27
685	HPMA-RGD Hydrogels Seeded with Mesenchymal Stem Cells Improve Functional Outcome in Chronic Spinal Cord Injury. <i>Stem Cells and Development</i> , 2010, 19, 1535-1546.	1.1	124
686	Immunosuppression by mesenchymal stem cells: mechanisms and clinical applications. <i>Stem Cell Research and Therapy</i> , 2010, 1, 2.	2.4	419
687	Gold nanoparticles: dispersibility in biological media and cell-biological effect. <i>Journal of Materials Chemistry</i> , 2010, 20, 6176.	6.7	75
688	Characterization of Adherent Umbilical Cord Blood Stromal Cells Regarding Passage, Cell Number, and Nano-biomarking Utilization. <i>Cellular Reprogramming</i> , 2010, 12, 391-403.	0.5	7
689	Generation and Characterization of Neurospheres from Canine Adipose Tissue-Derived Stromal Cells. <i>Cellular Reprogramming</i> , 2010, 12, 417-425.	0.5	25
690	Harnessing endogenous growth factor activity modulates stem cell behavior. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 832.	0.6	59
691	Mesenchymal chondroprogenitor cell origin and therapeutic potential. <i>Stem Cell Research and Therapy</i> , 2011, 2, 8.	2.4	67
692	Mesenchymal stem cell-based therapies in regenerative medicine: applications in rheumatology. <i>Stem Cell Research and Therapy</i> , 2011, 2, 14.	2.4	145
693	Human Mesenchymal Stem Cells Cultured with Salivary Gland Biopsies Adopt an Epithelial Phenotype. <i>Stem Cells and Development</i> , 2011, 20, 959-967.	1.1	46
694	Mesenchymal stem cells as a therapeutic approach to glomerular diseases: benefits and risks. <i>Kidney International Supplements</i> , 2011, 1, 68-73.	4.6	12
695	Synthesis and functionalization of superparamagnetic poly- ϵ -caprolactone microparticles for the selective isolation of subpopulations of human adipose-derived stem cells. <i>Journal of the Royal Society Interface</i> , 2011, 8, 896-908.	1.5	22
696	Myocardial implantation of a combination stem cell product by using a transendocardial MYOSTAR injection catheter: A technical assessment. <i>Acute Cardiac Care</i> , 2011, 13, 40-42.	0.2	8
697	Identification of cancer stem-like cells in osteosarcoma: Implications in radioresistance. , 2011, , .		0
698	Quantification of Cells Expressing Mesenchymal Stem Cell Markers in Healthy and Osteoarthritic Synovial Membranes. <i>Journal of Rheumatology</i> , 2011, 38, 339-349.	1.0	80
699	Analysis of CD14 Expression Levels in Putative Mesenchymal Progenitor Cells Isolated from Equine Bone Marrow. <i>Stem Cells and Development</i> , 2011, 20, 721-735.	1.1	27
700	Nonmyogenic Cells in Skeletal Muscle Regeneration. <i>Current Topics in Developmental Biology</i> , 2011, 96, 139-165.	1.0	44
701	Mesenchymal stem cells from adipose tissue which have been differentiated into chondrocytes in three-dimensional culture express lubricin. <i>Experimental Biology and Medicine</i> , 2011, 236, 1333-1341.	1.1	54

#	ARTICLE	IF	CITATIONS
702	Autologous cell therapy for cardiac repair. Expert Opinion on Biological Therapy, 2011, 11, 489-508.	1.4	20
703	Are globoseries glycosphingolipids SSEA-3 and -4 markers for stem cells derived from human umbilical cord blood?. Journal of Molecular Cell Biology, 2011, 3, 99-107.	1.5	45
704	Experimental Models and Emerging Hypotheses for Acute Lung Injury. Critical Care Clinics, 2011, 27, 735-752.	1.0	41
705	Mesenchymal Stem Cells and Acute Lung Injury. Critical Care Clinics, 2011, 27, 719-733.	1.0	80
707	Cryopreservation of Human Stem Cells for Clinical Application: A Review. Transfusion Medicine and Hemotherapy, 2011, 38, 107-123.	0.7	278
708	Les cellules souches en pneumologie: de la thérapie cellulaire au bio-engineering du poumon. Revue Des Maladies Respiratoires Actualites, 2011, 3, 466-472.	0.0	0
709	Mesenchymal stromal cells prolong the lifespan in a rat model of amyotrophic lateral sclerosis. Cytotherapy, 2011, 13, 1036-1046.	0.3	57
710	Mesenchymal stromal cell function is not affected by drugs used in the treatment of inflammatory bowel disease. Cytotherapy, 2011, 13, 1066-1073.	0.3	45
711	Labeling of mesenchymal stromal cells with iron oxide-poly(l-lactide) nanoparticles for magnetic resonance imaging: uptake, persistence, effects on cellular function and magnetic resonance imaging properties. Cytotherapy, 2011, 13, 962-975.	0.3	30
712	Human dental pulp cells exhibit bone cell-like responsiveness to fluid shear stress. Cytotherapy, 2011, 13, 214-226.	0.3	15
713	Collection and Propagation Methods for Mesenchymal Stromal Cells. Veterinary Clinics of North America Equine Practice, 2011, 27, 263-274.	0.3	23
714	Analysis of cell characterization using cell surface markers in the dermis. Journal of Dermatological Science, 2011, 62, 98-106.	1.0	29
715	A Rapid, Simple, and Reproducible Method for the Isolation of Mesenchymal Stromal Cells from Wharton's Jelly Without Enzymatic Treatment. Stem Cells and Development, 2011, 20, 547-557.	1.1	85
716	The Effects of Mechanical Loading on Mesenchymal Stem Cell Differentiation and Matrix Production. Vitamins and Hormones, 2011, 87, 417-480.	0.7	48
717	Isolation and Expansion of Mesenchymal Stem Cells/Multipotential Stromal Cells from Human Bone Marrow. Methods in Molecular Biology, 2011, 698, 11-21.	0.4	39
718	Isolation and characterization of equine amniotic fluid-derived multipotent stem cells. Cytotherapy, 2011, 13, 341-349.	0.3	35
719	Human Embryonic Stem Cell-Derived Mesenchymal Progenitors: An Overview. Methods in Molecular Biology, 2011, 690, 163-174.	0.4	37
720	Tissue Engineering and Selection of Cells. , 2011, , 81-93.		1

#	ARTICLE	IF	CITATIONS
721	Adipose Stem Cell Engineering: Characterization and Current Application in Otolaryngology. , 2011, , 209-219.		0
722	Prospects of stem cell therapy in osteoarthritis. Regenerative Medicine, 2011, 6, 351-366.	0.8	54
723	Epidermal growth factor, basic fibroblast growth factor and platelet-derived growth factor-bb can substitute for fetal bovine serum and compete with human platelet-rich plasma in the ex vivo expansion of mesenchymal stromal cells derived from adipose tissue. Cytotherapy, 2011, 13, 933-943.	0.3	61
724	Biologic Foundations for Skeletal Tissue Engineering. Synthesis Lectures on Tissue Engineering, 2011, 3, 1-220.	0.3	10
725	Mesenchymal-stem-cell-based experimental and clinical trials: current status and open questions. Expert Opinion on Biological Therapy, 2011, 11, 893-909.	1.4	106
726	MicroRNAs and Mesenchymal Stem Cells. Vitamins and Hormones, 2011, 87, 291-320.	0.7	45
727	Derivation and Characterization of Human ESC-Derived Mesenchymal Stem Cells. Methods in Molecular Biology, 2011, 698, 141-150.	0.4	30
728	Isolation and Culture of Rodent Bone Marrow-Derived Multipotent Mesenchymal Stromal Cells. Methods in Molecular Biology, 2011, 698, 151-160.	0.4	11
729	Autologous Mesenchymal Stromal Cells and Kidney Transplantation. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 412-422.	2.2	273
730	Growth factor-defined culture medium for human mesenchymal stem cells. International Journal of Developmental Biology, 2011, 55, 181-187.	0.3	69
731	Potential Risks of Stem Cell Therapies. , 2011, , 361-387.		1
732	Isolation of mesenchymal stem cells from the mandibular marrow aspirates. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, e86-e93.	1.6	12
733	Stem Cell Use in Musculoskeletal Disorders. PM and R, 2011, 3, S95-9.	0.9	4
734	Safety of Intravenous Infusion of Human Adipose Tissue-Derived Mesenchymal Stem Cells in Animals and Humans. Stem Cells and Development, 2011, 20, 1297-1308.	1.1	496
735	The Isolation and Culture of Human Cord Blood-Derived Mesenchymal Stem Cells Under Low Oxygen Conditions. Methods in Molecular Biology, 2011, 698, 63-73.	0.4	23
736	Hepatocellular Carcinoma Cells and Their Fibrotic Microenvironment Modulate Bone Marrow-Derived Mesenchymal Stromal Cell Migration <i>in Vitro</i> and <i>in Vivo</i> . Molecular Pharmaceutics, 2011, 8, 1538-1548.	2.3	72
737	Mesenchymal Stem Cells. , 2011, , 153-166.		0
738	Mesenchymal Stem Cells Display Tumor-Specific Tropism in an RCAS/Ntv-a Glioma Model. Neoplasia, 2011, 13, 716-725.	2.3	69

#	ARTICLE	IF	CITATIONS
739	Human Term Placenta-Derived Mesenchymal Stromal Cells Are Less Prone to Osteogenic Differentiation Than Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2011, 20, 635-646.	1.1	88
740	Identification of Very Small Embryonic/Epiblast-Like Stem Cells (VSELs) Circulating in Peripheral Blood During Organ/Tissue Injuries. <i>Methods in Cell Biology</i> , 2011, 103, 31-54.	0.5	45
741	Stem Cell Research and Molecular Markers in Medicine. , 2011, , 455-466.		0
742	Reduced immunomodulation potential of bone marrow-derived mesenchymal stem cells induced CCR4+CCR6+Th/Treg cell subset imbalance in ankylosing spondylitis. <i>Arthritis Research and Therapy</i> , 2011, 13, R29.	1.6	73
743	Fibroblasts derived from human embryonic stem cells direct development and repair of 3D human skin equivalents. <i>Stem Cell Research and Therapy</i> , 2011, 2, 10.	2.4	51
744	Normal bone marrow cells. , 2011, , 19-44.		5
745	Integration Properties of Whartonâ€™s Jelly-derived Novel Mesenchymal Stem Cells into Ventricular Slices of Murine Hearts. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 63-76.	1.1	24
746	Musculoskeletal tissue engineering with human umbilical cord mesenchymal stromal cells. <i>Regenerative Medicine</i> , 2011, 6, 95-109.	0.8	83
747	Integrins $\alpha 2 \beta 1$ and $\alpha 11 \beta 1$ regulate the survival of mesenchymal stem cells on collagen I. <i>Cell Death and Disease</i> , 2011, 2, e186-e186.	2.7	134
748	Mesenchymal stromal cells derived from CD271+ bone marrow mononuclear cells exert potent allosuppressive properties. <i>Cytotherapy</i> , 2011, 13, 1193-1204.	0.3	29
749	Human platelet lysate permits scale-up of dental pulp stromal cells for clinical applications. <i>Cytotherapy</i> , 2011, 13, 1221-1233.	0.3	53
750	Use of animal protein-free products for passaging adherent human adipose-derived stromal/stem cells. <i>Cytotherapy</i> , 2011, 13, 594-597.	0.3	31
751	Gene expression profiles following intracoronary injection of mesenchymal stromal cells using a porcine model of chronic myocardial infarction. <i>Cytotherapy</i> , 2011, 13, 407-418.	0.3	3
752	Unrestricted somatic stem cells: interaction with CD34+ cells in vitro and in vivo, expression of homing genes and exclusion of tumorigenic potential. <i>Cytotherapy</i> , 2011, 13, 357-365.	0.3	12
753	Bone marrow mesenchymal stromal cells with support of bispecific antibody and ultrasound-mediated microbubbles prevent myocardial fibrosis via the signal transducer and activators of transcription signaling pathway. <i>Cytotherapy</i> , 2011, 13, 431-440.	0.3	8
754	The best bone marrow stromal cell for therapy is â€ˆyellowâ€™. <i>Cytotherapy</i> , 2011, 13, 644-646.	0.3	0
755	Lifespan of human amniotic fluid-derived multipotent mesenchymal stromal cells. <i>Cytotherapy</i> , 2011, 13, 572-581.	0.3	30
756	Human amniotic membrane as an alternative source of stem cells for regenerative medicine. <i>Differentiation</i> , 2011, 81, 162-171.	1.0	100

#	ARTICLE	IF	CITATIONS
757	Isolation and cellular properties of mesenchymal cells derived from the decidua of human term placenta. <i>Differentiation</i> , 2011, 82, 77-88.	1.0	51
759	Prospective identification and isolation of murine bone marrow derived multipotent mesenchymal progenitor cells. <i>Best Practice and Research in Clinical Haematology</i> , 2011, 24, 13-24.	0.7	18
760	Bone marrow stromal cells (bone marrow-derived multipotent mesenchymal stromal cells) for bone tissue engineering: Basic science to clinical translation. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 286-289.	1.2	77
761	Drosha regulates hMSCs cell cycle progression through a miRNA independent mechanism. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1563-1572.	1.2	19
762	Selective isolation and differentiation of a stromal population of human embryonic stem cells with osteogenic potential. <i>Bone</i> , 2011, 48, 231-241.	1.4	50
763	Stromal cell-derived factor-1 enhances distraction osteogenesis-mediated skeletal tissue regeneration through the recruitment of endothelial precursors. <i>Bone</i> , 2011, 49, 693-700.	1.4	69
764	Role of farnesoid X receptor (FXR) in the process of differentiation of bone marrow stromal cells into osteoblasts. <i>Bone</i> , 2011, 49, 1219-1231.	1.4	53
765	Potential implications of mesenchymal stem cells in cancer therapy. <i>Cancer Letters</i> , 2011, 305, 8-20.	3.2	95
766	Stem cells in endometrium and endometrial cancer: Accumulating evidence and unresolved questions. <i>Cancer Letters</i> , 2011, 308, 123-133.	3.2	46
767	Mesenchymal stromal cells may enhance metastasis of neuroblastoma via SDF-1/CXCR4 and SDF-1/CXCR7 signaling. <i>Cancer Letters</i> , 2011, 312, 1-10.	3.2	58
768	Characterization of endometrial mesenchymal stem-like cells obtained by endometrial biopsy during routine diagnostics. <i>Fertility and Sterility</i> , 2011, 95, 423-426.	0.5	112
769	Interleukin-1 β induces cyclooxygenase-2 expression and promotes the invasive ability of human mesenchymal stem cells derived from ovarian endometrioma. <i>Fertility and Sterility</i> , 2011, 96, 678-684.e1.	0.5	46
770	MSCs in Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2011, 17, S21-S29.	2.0	35
771	Fibromatosis stem cells rather than bone-marrow mesenchymal stem cells recapitulate a murine model of fibromatosis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 269-275.	1.0	4
772	Mesenchymal stem cell like (MSCI) cells generated from human embryonic stem cells support pluripotent cell growth. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 474-480.	1.0	23
773	Artificial Scaffolds and Mesenchymal Stem Cells for Hard Tissues. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2011, 126, 153-194.	0.6	11
774	Mesenchymal Stem Cells. <i>Circulation Research</i> , 2011, 109, 923-940.	2.0	769
775	Markers Distinguishing Mesenchymal Stem Cells from Fibroblasts Are Downregulated with Passaging. <i>Stem Cells and Development</i> , 2011, 20, 53-66.	1.1	293

#	ARTICLE	IF	CITATIONS
776	Effect of 5-Azacytidine: Evidence for Alteration of the Multipotent Ability of Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2011, 20, 1213-1221.	1.1	55
777	Evaluation of the Delivery of Mesenchymal Stem Cells into the Root Canal Space of Necrotic Immature Teeth after Clinical Regenerative Endodontic Procedure. <i>Journal of Endodontics</i> , 2011, 37, 133-138.	1.4	380
778	The Isolation of Stem Cells from Human Deciduous Teeth Pulp Is Related to the Physiological Process of Resorption. <i>Journal of Endodontics</i> , 2011, 37, 973-979.	1.4	60
779	Intravenous administration of multipotent stromal cells prevents the onset of non-alcoholic steatohepatitis in obese mice with metabolic syndrome. <i>Journal of Hepatology</i> , 2011, 55, 1112-1120.	1.8	69
780	Microscale Versus Nanoscale Scaffold Architecture for Mesenchymal Stem Cell Chondrogenesis. <i>Tissue Engineering - Part A</i> , 2011, 17, 831-840.	1.6	61
781	Adipose-Derived Stem Cells and Their Potential to Differentiate into the Epithelial Lineage. <i>Stem Cells and Development</i> , 2011, 20, 1805-1816.	1.1	78
782	Immunophenotype and gene expression profiles of cell surface markers of mesenchymal stem cells derived from equine bone marrow and adipose tissue. <i>Veterinary Immunology and Immunopathology</i> , 2011, 144, 147-154.	0.5	131
783	Flow cytometric characterization of culture expanded multipotent mesenchymal stromal cells (MSCs) from horse adipose tissue: Towards the definition of minimal stemness criteria. <i>Veterinary Immunology and Immunopathology</i> , 2011, 144, 499-506.	0.5	41
784	Markers of stemness in equine mesenchymal stem cells: a plea for uniformity. <i>Theriogenology</i> , 2011, 75, 1431-1443.	0.9	137
785	Recloned dogs derived from adipose stem cells of a transgenic cloned beagle. <i>Theriogenology</i> , 2011, 75, 1221-1231.	0.9	45
786	A scaffold-free in vitro model for osteogenesis of human mesenchymal stem cells. <i>Tissue and Cell</i> , 2011, 43, 91-100.	1.0	66
787	KATP channels in mesenchymal stromal stem cells: Strong up-regulation of Kir6.2 subunits upon osteogenic differentiation. <i>Tissue and Cell</i> , 2011, 43, 331-336.	1.0	22
788	Functional recovery after severe CNS trauma: Current perspectives for cell therapy with bone marrow stromal cells. <i>Progress in Neurobiology</i> , 2011, 93, 341-349.	2.8	63
791	Toward a Clinical-Grade Expansion of Mesenchymal Stem Cells from Human Sources: A Microcarrier-Based Culture System Under Xeno-Free Conditions. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 1201-1210.	1.1	209
792	Optimization of the Isolation, Culture, and Characterization of Equine Umbilical Cord Blood Mesenchymal Stromal Cells. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 1061-1070.	1.1	35
793	Mesenchymal stem cells in osteoarticular diseases. <i>Regenerative Medicine</i> , 2011, 6, 44-51.	0.8	59
794	Bridging the gap: Bone marrow aspiration concentrate reduces autologous bone grafting in osseous defects. <i>Journal of Orthopaedic Research</i> , 2011, 29, 173-180.	1.2	155
795	Human Dermal Fibroblasts Exhibit Delayed Adipogenic Differentiation Compared with Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2011, 20, 1327-1336.	1.1	21

#	ARTICLE	IF	CITATIONS
796	Isolation and Characterization of Mesenchymal Stem Cells from Human Amniotic Membrane. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 49-59.	1.1	60
797	Paracrine Effects Influenced by Cell Culture Medium and Consequences on Microvessel-Like Structures in Cocultures of Mesenchymal Stem Cells and Outgrowth Endothelial Cells. <i>Tissue Engineering - Part A</i> , 2011, 17, 2199-2212.	1.6	86
798	Mesenchymal stem cells and their microenvironment. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 2271.	3.0	45
800	Treatment of graft-versus-host-disease with mesenchymal stromal cells. <i>Cytherapy</i> , 2011, 13, 262-268.	0.3	67
801	Isolation and basic characterization of human term amnion and chorion mesenchymal stromal cells. <i>Cytherapy</i> , 2011, 13, 1047-1056.	0.3	53
802	Isolation of Mesenchymal Stem Cells from Bone Marrow Aspirate. , 2011, , 115-123.		1
803	Regenerative medicine in the field of pain medicine: Prolotherapy, platelet-rich plasma therapy, and stem cell therapy”Theory and evidence. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2011, 15, 74-80.	0.2	60
804	Variable behavior and complications of autologous bone marrow mesenchymal stem cells transplanted in experimental autoimmune encephalomyelitis. <i>Experimental Neurology</i> , 2011, 230, 78-89.	2.0	86
805	Adipose-derived stromal cells: Their identity and uses in clinical trials, an update. <i>World Journal of Stem Cells</i> , 2011, 3, 25.	1.3	200
806	Adult Mesenchymal Stem Cells and Cell Surface Characterization - A Systematic Review of the Literature. <i>The Open Orthopaedics Journal</i> , 2011, 5, 253-260.	0.1	169
807	Expansion of hMSCs and Their Application. , 2011, , 425-436.		0
808	Isolation and expansion of adipose-derived stem cells for tissue engineering. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 256-263.	0.9	32
809	Importance of Stromal Stem Cells in Prostate Carcinogenesis Process. , 2011, , .		2
810	Iliac crest and femoral bone marrow as the source of plastic-adherent cells. <i>Medical Journal of Indonesia</i> , 2011, , 100.	0.2	3
811	Involvement of Mesenchymal Stem Cells in Breast Cancer Progression. , 0, , .		3
812	Processing of Lipoaspirate Samples for Optimal Mesenchymal Stem Cells Isolation. , 2011, , .		4
813	How do Mesenchymal Stem Cells Repair?. , 0, , .		12
815	Mesenchymal stem cell transplantation to treat multiple sclerosis. , 0, , 520-534.		2

#	ARTICLE	IF	CITATIONS
816	The Haematopoietic Stem Cell Niche: New Insights into the Mechanisms Regulating Haematopoietic Stem Cell Behaviour. <i>Stem Cells International</i> , 2011, 2011, 1-10.	1.2	36
817	Characteristics of human subepicardial adipose tissue-derived stem cells. <i>Stem Cell Studies</i> , 2011, 1, 18.	0.2	3
818	Skeletal Regeneration by Mesenchymal Stem Cells: What Else?. , 0, , .		5
819	Osteogenesis from Pluripotent Stem Cells: Neural Crest or Mesodermal Origin?. , 0, , .		0
820	Mesenchymal stem cells derived from bone marrow and leukapheresis show different putative subpopulations. <i>Stem Cell Studies</i> , 2011, 1, 19.	0.2	3
821	Immunomodulatory effect of mesenchymal stem cells. <i>Einstein (Sao Paulo, Brazil)</i> , 2011, 9, 224-228.	0.3	10
822	Fibroblast Growth Factor-2 Enhances Expansion of Human Bone Marrow-Derived Mesenchymal Stromal Cells without Diminishing Their Immunosuppressive Potential. <i>Stem Cells International</i> , 2011, 2011, 1-10.	1.2	36
823	The Role of the Immune System in Fracture Healing. , 2011, , 343-367.		0
824	Mesenchymal Stem Cell-Based Bone Engineering for Bone Regeneration. , 0, , .		5
825	Potential clinical applications of adult human mesenchymal stem cell (Prochymal®) therapy. <i>Stem Cells and Cloning: Advances and Applications</i> , 2011, 4, 61.	2.3	55
826	Mesenchymal Stem Cells: Immunology and Therapeutic Benefits. , 0, , .		4
827	Cell Therapy and Tissue Engineering to Regenerate Articular Cartilage. , 2011, , .		2
829	Regenerative medicine and tissue engineering in orthopaedic surgery. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 923-944.	0.9	53
830	“Humanized” Stem Cell Culture Techniques: The Animal Serum Controversy. <i>Stem Cells International</i> , 2011, 2011, 1-14.	1.2	152
831	Î²-Cell Generation: Can Rodent Studies Be Translated to Humans?. <i>Journal of Transplantation</i> , 2011, 2011, 1-15.	0.3	14
832	Mesenchymal Stem Cell Therapy in the Treatment of Acute and Chronic Graft Versus Host Disease. <i>Frontiers in Oncology</i> , 2011, 1, 16.	1.3	22
833	A Comparison of Mesenchymal Precursor Cells and Amnion Epithelial Cells for Enhancing Cervical Interbody Fusion in an Ovine Model. <i>Neurosurgery</i> , 2011, 68, 1025-1035.	0.6	23
834	Epigenetic Regulation of Mesenchymal Stem Cells: A Focus on Osteogenic and Adipogenic Differentiation. <i>Stem Cells International</i> , 2011, 2011, 1-18.	1.2	92

#	ARTICLE	IF	CITATIONS
835	The Antidiabetic Effect of MSCs Is Not Impaired by Insulin Prophylaxis and Is Not Improved by a Second Dose of Cells. PLoS ONE, 2011, 6, e16566.	1.1	25
836	Cell Origin of Human Mesenchymal Stem Cells Determines a Different Healing Performance in Cardiac Regeneration. PLoS ONE, 2011, 6, e15652.	1.1	121
837	Vascular Wall-Resident CD44+ Multipotent Stem Cells Give Rise to Pericytes and Smooth Muscle Cells and Contribute to New Vessel Maturation. PLoS ONE, 2011, 6, e20540.	1.1	139
838	Reconstruction of Endometrium from Human Endometrial Side Population Cell Lines. PLoS ONE, 2011, 6, e21221.	1.1	154
839	Histone Deacetylase Inhibition Enhances Self Renewal and Cardioprotection by Human Cord Blood-Derived CD34+ Cells. PLoS ONE, 2011, 6, e22158.	1.1	21
840	Bone Marrow Mesenchymal Stem Cells for Improving Hematopoietic Function: An In Vitro and In Vivo Model. Part 2: Effect on Bone Marrow Microenvironment. PLoS ONE, 2011, 6, e26241.	1.1	38
841	Differentiation of Mesenchymal Stem Cells Derived from Pancreatic Islets and Bone Marrow into Islet-Like Cell Phenotype. PLoS ONE, 2011, 6, e28175.	1.1	59
842	Stem Cells in Sepsis and Acute Lung Injury. American Journal of the Medical Sciences, 2011, 341, 325-332.	0.4	21
843	Long-Term Contribution of Human Bone Marrow Mesenchymal Stromal Cells to Skeletal Muscle Regeneration in Mice. Cell Transplantation, 2011, 20, 217-232.	1.2	53
844	Intervertebral Disc Repair by Autologous Mesenchymal Bone Marrow Cells: A Pilot Study. Transplantation, 2011, 92, 822-828.	0.5	393
845	The generation of hepatocytes from mesenchymal stem cells and engraftment into the liver. Current Opinion in Organ Transplantation, 2011, 16, 69-75.	0.8	24
846	Mesenchymal Stromal Cells as a Therapeutic Strategy to Support Islet Transplantation in Type 1 Diabetes Mellitus. Cell Medicine, 2011, 2, 43-54.	5.0	7
847	The Effect of Two- and Three-Dimensional Cell Culture on the Chondrogenic Potential of Human Adipose-Derived Mesenchymal Stem Cells after Subcutaneous Transplantation with an Injectable Hydrogel. Cell Transplantation, 2011, 20, 1575-1588.	1.2	73
848	Mesenchymal Stem Cells in the Umbilical Cord: Phenotypic Characterization, Secretome and Applications in Central Nervous System Regenerative Medicine. Current Stem Cell Research and Therapy, 2011, 6, 221-228.	0.6	90
849	Multipotent Mesenchymal Stromal Cells Express FoxP3. Journal of Immunotherapy, 2011, 34, 336-342.	1.2	31
850	Mesenchymal stem cell therapy of intestinal disease: are their effects systemic or localized?. Current Opinion in Gastroenterology, 2011, 27, 119-124.	1.0	18
851	Stem Cells in Human Endometrium and Endometrial Carcinoma. International Journal of Gynecological Pathology, 2011, 30, 317-327.	0.9	26
852	Cervical Interbody Fusion Is Enhanced by Allogeneic Mesenchymal Precursor Cells in an Ovine Model. Spine, 2011, 36, 615-623.	1.0	46

#	ARTICLE	IF	CITATIONS
853	Dental Pulp Stem Cells from Primary Teeth Quality Analysis: Laboratory Procedures. <i>Journal of Clinical Pediatric Dentistry</i> , 2011, 36, 167-173.	0.5	0
854	Characterization and Functionality of Proliferative Human Sertoli Cells. <i>Cell Transplantation</i> , 2011, 20, 619-635.	1.2	108
855	Management of Liver Failure: From Transplantation to Cell-Based Therapy. <i>Cell Medicine</i> , 2011, 2, 9-26.	5.0	3
856	Stem cell-derived islet cells for transplantation. <i>Current Opinion in Organ Transplantation</i> , 2011, 16, 76-82.	0.8	26
857	Mesenchymal Stem Cells for Tissue Regeneration. , 2011, , 49-70.		0
858	The role of multipotent marrow stromal cells (MSCs) in tissue regeneration. <i>Organogenesis</i> , 2011, 7, 96-100.	0.4	32
859	Mesenchymal Stem Cells. , 2011, , 285-304.		6
860	The impact of inflammatory licensing on heme oxygenase-1-mediated induction of regulatory T cells by human mesenchymal stem cells. <i>Blood</i> , 2011, 117, 4826-4835.	0.6	191
861	Anti-inflammatory protein TSG-6 secreted by activated MSCs attenuates zymosan-induced mouse peritonitis by decreasing TLR2/NF- κ B signaling in resident macrophages. <i>Blood</i> , 2011, 118, 330-338.	0.6	545
862	Mesenchymal stromal cells improve renal injury in anti-Thy 1 nephritis by modulating inflammatory cytokines and scatter factors. <i>Clinical Science</i> , 2011, 120, 25-36.	1.8	26
863	Mesenchymal stem cell injection ameliorates chronic renal failure in a rat model. <i>Clinical Science</i> , 2011, 121, 489-499.	1.8	67
864	Dental pulp and dentin tissue engineering and regeneration advancement and challenge. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 788-800.	0.9	147
865	Cellular therapies for lung disease: A distant horizon. <i>Respirology</i> , 2011, 16, 223-237.	1.3	39
866	Fusion between human mesenchymal stem cells and rodent cerebellar Purkinje cells. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 166-178.	1.8	63
867	New Insights into Mesenchymal Stromal Cell-Mediated T-Cell Suppression Through Galectins. <i>Scandinavian Journal of Immunology</i> , 2011, 73, 79-84.	1.3	69
868	The mesenchymal stem cell profile in psoriasis. <i>British Journal of Dermatology</i> , 2011, 165, 585-592.	1.4	66
869	Cell therapy of burns. <i>Cell Proliferation</i> , 2011, 44, 48-54.	2.4	49
870	Size-sieved subpopulations of mesenchymal stem cells from intervascular and perivascular equine umbilical cord matrix. <i>Cell Proliferation</i> , 2011, 44, 330-342.	2.4	46

#	ARTICLE	IF	CITATIONS
871	Immunomodulatory properties and therapeutic application of mesenchymal stem cells. <i>Clinical and Experimental Immunology</i> , 2011, 164, 1-8.	1.1	230
872	Mesenchymal stem cells derived from dental tissues. <i>International Endodontic Journal</i> , 2011, 44, 800-806.	2.3	122
873	Mesenchymal Stromal Cells: Past, Present, and Future. <i>Veterinary Surgery</i> , 2011, 40, 129-139.	0.5	62
874	Fukuoka's strain of transmissible spongiform encephalopathy agent infects murine bone marrow-derived cells with features of mesenchymal stem cells. <i>Transfusion</i> , 2011, 51, 1755-1768.	0.8	18
875	Human embryonic stem cell-derived mesenchymal stromal cells. <i>Transfusion</i> , 2011, 51, 138S-144S.	0.8	18
876	Cartilage oligomeric matrix protein (COMP) forms part of the connective tissue of normal human hair follicles. <i>Experimental Dermatology</i> , 2011, 20, 361-366.	1.4	15
877	Gimme shelter: the immune system during pregnancy. <i>Immunological Reviews</i> , 2011, 241, 20-38.	2.8	206
878	Enhanced adipogenic differentiation and reduced collagen synthesis induced by human periodontal ligament stem cells might underlie the negative effect of recombinant human bone morphogenetic protein-2 on periodontal regeneration. <i>Journal of Periodontal Research</i> , 2011, 46, 193-203.	1.4	29
879	The elusive nature and function of mesenchymal stem cells. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 126-131.	16.1	544
880	Intrathecal transplantation of stem cells by lumbar puncture for thoracic spinal cord injury in the rat. <i>Spinal Cord</i> , 2011, 49, 967-973.	0.9	52
881	Native human adipose stromal cells: localization, morphology and phenotype. <i>International Journal of Obesity</i> , 2011, 35, 1141-1153.	1.6	207
882	Isolation of alveolar epithelial type II progenitor cells from adult human lungs. <i>Laboratory Investigation</i> , 2011, 91, 363-378.	1.7	109
883	Moving from the Laboratory Bench to Patients' Bedside: Considerations for Effective Therapy with Stem Cells. <i>Clinical and Translational Science</i> , 2011, 4, 380-386.	1.5	33
884	Mesothelial cell differentiation into osteoblast- and adipocyte-like cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2095-2105.	1.6	61
885	Bone regeneration and stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 718-746.	1.6	308
886	Differentiation and regeneration potential of mesenchymal progenitor cells derived from traumatized muscle tissue. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2377-2388.	1.6	41
887	Therapeutic effects of human STRO-1-selected mesenchymal precursor cells and their soluble factors in experimental myocardial ischemia. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2117-2129.	1.6	46
888	Bone regeneration: stem cell therapies and clinical studies in orthopaedics and traumatology. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1266-1286.	1.6	116

#	ARTICLE	IF	CITATIONS
889	Xenogeneic immunosuppression of human umbilical cord mesenchymal stem cells in a major histocompatibility complex-mismatched allogeneic acute graft-versus-host disease murine model. <i>European Journal of Haematology</i> , 2011, 87, 235-243.	1.1	22
890	Role of stem cells in cardiovascular biology. <i>Journal of Thrombosis and Haemostasis</i> , 2011, 9, 151-161.	1.9	14
891	Multipotent PDGFR β -expressing cells in the circulation of stroke patients. <i>Neurobiology of Disease</i> , 2011, 41, 489-497.	2.1	31
892	Use of Adipose Tissue-Derived Mesenchymal Stem Cells for Experimental Tendinitis Therapy in Equines. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 26-34.	0.4	79
893	Treatment of Bilateral Medial Femoral Condyle Articular Cartilage Fissures in a Horse Using Bone Marrow-Derived Multipotent Mesenchymal Stromal Cells. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 147-154.	0.4	15
894	Serum-deprived human multipotent mesenchymal stromal cells (MSCs) are highly angiogenic. <i>Stem Cell Research</i> , 2011, 6, 215-225.	0.3	138
895	Adipose-derived stem cells from the brown bear (<i>Ursus arctos</i>) spontaneously undergo chondrogenic and osteogenic differentiation in vitro. <i>Stem Cell Research</i> , 2011, 7, 89-95.	0.3	43
896	Both human and mouse mesenchymal stem cells promote breast cancer metastasis. <i>Stem Cell Research</i> , 2011, 7, 163-171.	0.3	67
897	Human umbilical cord stromal stem cell express CD10 and exert contractile properties. <i>Placenta</i> , 2011, 32, 86-95.	0.7	52
898	Wharton's Jelly stem cells: Future clinical applications. <i>Placenta</i> , 2011, 32, S311-S315.	0.7	149
899	Regenerative Medicine. <i>Current Problems in Surgery</i> , 2011, 48, 148-212.	0.6	30
900	Wnt signalling mediates the cross-talk between bone marrow derived pre-adipocytic and pre-osteoblastic cell populations. <i>Experimental Cell Research</i> , 2011, 317, 745-756.	1.2	101
901	Focal adhesion protein abnormalities in myelodysplastic mesenchymal stromal cells. <i>Experimental Cell Research</i> , 2011, 317, 2616-2629.	1.2	25
902	Transplantation of SNAP-treated adipose tissue-derived stem cells improves cardiac function and induces neovascularization after myocardium infarct in rats. <i>Experimental and Molecular Pathology</i> , 2011, 90, 149-156.	0.9	22
903	The mesenchymal stem cells in multiple sclerosis (MSCIMS) trial protocol and baseline cohort characteristics: an open-label pre-test: post-test study with blinded outcome assessments. <i>Trials</i> , 2011, 12, 62.	0.7	104
904	Mesenchymal stem cells and bone regeneration: Current status. <i>Injury</i> , 2011, 42, 562-568.	0.7	160
905	What should be the characteristics of the ideal bone graft substitute? Combining scaffolds with growth factors and/or stem cells. <i>Injury</i> , 2011, 42, S77-S81.	0.7	219
906	Proliferation and chondrogenic differentiation of human adipose-derived mesenchymal stem cells in porous hyaluronic acid scaffold. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 402-408.	1.1	73

#	ARTICLE	IF	CITATIONS
907	Three-dimensional culture of rat BMSCs in a porous chitosan-gelatin scaffold: A promising association for bone tissue engineering in oral reconstruction. <i>Archives of Oral Biology</i> , 2011, 56, 1-15.	0.8	89
908	Comparison of characteristics of periodontal ligament cells obtained from outgrowth and enzyme-digested culture methods. <i>Archives of Oral Biology</i> , 2011, 56, 380-388.	0.8	45
909	A Novel Tissue-Engineered Approach to Problems of the Postpneumonectomy Space. <i>Annals of Thoracic Surgery</i> , 2011, 91, 880-886.	0.7	8
910	Synergistic effects of growth factors and mesenchymal stromal cells for expansion of hematopoietic stem and progenitor cells. <i>Experimental Hematology</i> , 2011, 39, 617-628.	0.2	74
911	Mesenchymal stem cells as an immunomodulatory therapeutic strategy for autoimmune diseases. <i>Autoimmunity Reviews</i> , 2011, 10, 410-415.	2.5	148
912	The role of cell surface markers and enamel matrix derivatives on human periodontal ligament mesenchymal progenitor responses in vitro. <i>Biomaterials</i> , 2011, 32, 7375-7388.	5.7	32
913	The determination of stem cell fate by 3D scaffold structures through the control of cell shape. <i>Biomaterials</i> , 2011, 32, 9188-9196.	5.7	264
914	Stem cell cultivation in bioreactors. <i>Biotechnology Advances</i> , 2011, 29, 815-829.	6.0	183
915	Human umbilical mesenchymal stem cells enhance the expression of neurotrophic factors and protect ataxic mice. <i>Brain Research</i> , 2011, 1402, 122-131.	1.1	76
916	The source of human mesenchymal stromal cells influences their TLR profile as well as their functional properties. <i>Cellular Immunology</i> , 2011, 270, 207-216.	1.4	135
917	Mesenchymal Stem Cell Assays and Applications. <i>Methods in Molecular Biology</i> , 2011, 698, 3-8.	0.4	52
918	MSCs: Biological characteristics, clinical applications and their outstanding concerns. <i>Ageing Research Reviews</i> , 2011, 10, 93-103.	5.0	202
919	Effects of Donor Age, Gender, and In Vitro Cellular Aging on the Phenotypic, Functional, and Molecular Characteristics of Mouse Bone Marrow-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2011, 20, 1549-1561.	1.1	155
920	The effect of low-density lipoproteins on mesenchymal stromal cells of adipose tissue. <i>Doklady Biological Sciences</i> , 2011, 441, 363-366.	0.2	1
921	Immunomodulatory Properties of Mesenchymal Stem Cells Derived from Dental Pulp and Dental Follicle are Susceptible to Activation by Toll-Like Receptor Agonists. <i>Stem Cells and Development</i> , 2011, 20, 695-708.	1.1	157
922	Good Manufacturing Practices Production of Mesenchymal Stem/Stromal Cells. <i>Human Gene Therapy</i> , 2011, 22, 19-26.	1.4	196
923	p53 activation of mesenchymal stromal cells partially abrogates microenvironment-mediated resistance to FLT3 inhibition in AML through HIF-1 α -mediated down-regulation of CXCL12. <i>Blood</i> , 2011, 118, 4431-4439.	0.6	91
924	Expansion of the Human Adipose-derived Stromal Vascular Cell Fraction Yields a Population of Smooth Muscle-like Cells with Markedly Distinct Phenotypic and Functional Properties Relative to Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 0, , 110402044831004.	1.1	0

#	ARTICLE	IF	CITATIONS
925	In vitro and in vivo properties of distinct populations of amniotic fluid mesenchymal progenitor cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1896-1913.	1.6	79
926	Mesenchymal Stem Cells: A New Promise in Anticancer Therapy. <i>Stem Cells and Development</i> , 2011, 20, 1-10.	1.1	47
927	CD105 Protein Depletion Enhances Human Adipose-derived Stromal Cell Osteogenesis through Reduction of Transforming Growth Factor β 1 (TGF- β 1) Signaling. <i>Journal of Biological Chemistry</i> , 2011, 286, 39497-39509.	1.6	144
928	Exposure to Uremic Serum Induces a Procalcific Phenotype in Human Mesenchymal Stem Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, e45-54.	1.1	44
929	Overcoming the challenges of conducting translational research in cell therapy. <i>Frontiers of Medicine</i> , 2011, 5, 333-335.	1.5	3
930	Stem cells from adipose tissue. <i>Cellular and Molecular Biology Letters</i> , 2011, 16, 236-57.	2.7	74
931	Perinatal sources of mesenchymal stem cells: Wharton's jelly, amnion and chorion. <i>Cellular and Molecular Biology Letters</i> , 2011, 16, 493-514.	2.7	83
932	The sensitivity of mesenchymal stromal cells subpopulations with different adhesion properties and derived from hemopoietic organs to growth factors EGF, bFGF, and PDGF. <i>Biology Bulletin</i> , 2011, 38, 99-108.	0.1	1
933	Stem cells as bone marrow residents. <i>Biology Bulletin</i> , 2011, 38, 211-221.	0.1	2
934	Mesenchymal stem cells hold promise for regenerative medicine. <i>Frontiers of Medicine</i> , 2011, 5, 372-378.	1.5	60
935	Regulation of Mesenchymal Stem Cell Activity by Endothelial Cells. <i>Stem Cells and Development</i> , 2011, 20, 391-403.	1.1	66
936	Biomaterial implants mediate autologous stem cell recruitment in mice. <i>Acta Biomaterialia</i> , 2011, 7, 3887-3895.	4.1	44
937	Regeneration of cartilage and bone by defined subsets of mesenchymal stromal cells—Potential and pitfalls. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 342-351.	6.6	64
938	Coupling of gelatin to inner surfaces of pore walls in spongy alginate-based scaffolds facilitates the adhesion, growth and differentiation of human bone marrow mesenchymal stromal cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1529-1540.	1.7	61
939	Immunomodulative Efficacy of Bone Marrow-Derived Mesenchymal Stem Cells Cultured in Human Platelet Lysate. <i>Journal of Clinical Immunology</i> , 2011, 31, 1143-1156.	2.0	71
940	A comparison between osteogenic differentiation of human unrestricted somatic stem cells and mesenchymal stem cells from bone marrow and adipose tissue. <i>Biotechnology Letters</i> , 2011, 33, 1257-1264.	1.1	137
941	Cell Proliferation and Neuroblast Differentiation in the Rat Dentate Gyrus After Intrathecal Treatment with Adipose-Derived Mesenchymal Stem Cells. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 1271-1280.	1.7	13
942	Maohuoside A promotes osteogenesis of rat mesenchymal stem cells via BMP and MAPK signaling pathways. <i>Molecular and Cellular Biochemistry</i> , 2011, 358, 37-44.	1.4	13

#	ARTICLE	IF	CITATIONS
943	Mesenchymal stem cells and progenitor cells in connective tissue engineering and regenerative medicine: is there a future for transplantation?. <i>Langenbeck's Archives of Surgery</i> , 2011, 396, 489-497.	0.8	109
944	IL-17 and FGF signaling involved in mouse mesenchymal stem cell proliferation. <i>Cell and Tissue Research</i> , 2011, 346, 305-316.	1.5	23
945	Bone morphogenetic protein receptor IB as a marker for enrichment of osteogenic precursor-like cells in human dermis. <i>Archives of Dermatological Research</i> , 2011, 303, 581-590.	1.1	4
946	Human mesenchymal stem cell proliferation and osteogenic differentiation during long-term ex vivo cultivation is not age dependent. <i>Journal of Bone and Mineral Metabolism</i> , 2011, 29, 224-235.	1.3	65
947	Titanium and tantalum as mesenchymal stem cell scaffolds for spinal fusion: an in vitro comparative study. <i>European Spine Journal</i> , 2011, 20, 353-360.	1.0	34
948	Comparison of the methods for seeding human bone marrow mesenchymal stem cells to macroporous alginate cryogel carriers. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 150, 543-546.	0.3	25
949	Study of Genetic Stability of Human Bone Marrow Multipotent Mesenchymal Stromal Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 150, 627-631.	0.3	19
950	Multiplex Analysis of Cytokines, Chemokines, Growth Factors, MMP-9 and TIMP-1 Produced by Human Bone Marrow, Adipose Tissue, and Placental Mesenchymal Stromal Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 151, 133-141.	0.3	27
951	Pulsed electromagnetic fields decrease proinflammatory cytokine secretion (IL-1 β and TNF- α) on human fibroblast-like cell culture. <i>Rheumatology International</i> , 2011, 31, 1283-1289.	1.5	51
952	The role of stem cells in fracture healing and nonunion. <i>International Orthopaedics</i> , 2011, 35, 1587-1597.	0.9	129
953	Alkylating chemotherapeutic agents cyclophosphamide and melphalan cause functional injury to human bone marrow-derived mesenchymal stem cells. <i>Annals of Hematology</i> , 2011, 90, 777-789.	0.8	34
955	Mechanisms of cellular therapy in respiratory diseases. <i>Intensive Care Medicine</i> , 2011, 37, 1421-1431.	3.9	61
956	Bupivacaine, ropivacaine, and morphine: comparison of toxicity on human hamstring-derived stem/progenitor cells. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 2138-2144.	2.3	38
957	Assessment of the Impact of Two Different Isolation Methods on the Osteo/Odontogenic Differentiation Potential of Human Dental Stem Cells Derived from Deciduous Teeth. <i>Calcified Tissue International</i> , 2011, 88, 130-141.	1.5	89
958	Stem cell homing in musculoskeletal injury. <i>Biomaterials</i> , 2011, 32, 395-409.	5.7	189
959	Modulus-driven differentiation of marrow stromal cells in 3D scaffolds that is independent of myosin-based cytoskeletal tension. <i>Biomaterials</i> , 2011, 32, 2256-2264.	5.7	113
960	The mechanical coupling of adult marrow stromal stem cells during cardiac regeneration assessed in a 2-D co-culture model. <i>Biomaterials</i> , 2011, 32, 2834-2850.	5.7	14
961	The impact of hyperglycemia and the presence of encapsulated islets on oxygenation within a bioartificial pancreas in the presence of mesenchymal stem cells in a diabetic Wistar rat model. <i>Biomaterials</i> , 2011, 32, 5945-5956.	5.7	51

#	ARTICLE	IF	CITATIONS
962	Vancomycin Containing PLLA/β-TCP Controls MRSA In Vitro. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 3222-3228.	0.7	22
963	Distinct Stem Cells Subpopulations Isolated from Human Adipose Tissue Exhibit Different Chondrogenic and Osteogenic Differentiation Potential. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 64-76.	5.6	143
964	Growth and Differentiation Properties of Mesenchymal Stromal Cell Populations Derived from Whole Human Umbilical Cord. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 17-31.	5.6	145
965	The Potential of Adipose Stem Cells in Regenerative Medicine. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 269-291.	5.6	386
966	The Stem Cell Niche Should be a Key Issue for Cell Therapy in Regenerative Medicine. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 248-255.	5.6	54
967	Bone Marrow Mesenchymal Stem Cells: Biological Properties and Their Role in Hematopoiesis and Hematopoietic Stem Cell Transplantation. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 569-589.	5.6	160
968	The Origins of Mesenchymal Stromal Cell Heterogeneity. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 560-568.	5.6	212
969	Adult Human Adipose Tissue Contains Several Types of Multipotent Cells. <i>Journal of Cardiovascular Translational Research</i> , 2011, 4, 200-210.	1.1	73
971	Comparison of long-term retinoic acid-based neural induction methods of bone marrow human mesenchymal stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 484-491.	0.7	15
972	Molecular basis of lung tissue regeneration. <i>General Thoracic and Cardiovascular Surgery</i> , 2011, 59, 231-244.	0.4	21
973	Cocaine- and amphetamine-regulated transcript promotes the differentiation of mouse bone marrow-derived mesenchymal stem cells into neural cells. <i>BMC Neuroscience</i> , 2011, 12, 67.	0.8	9
974	Homing and reparative effect of intra-articular injection of autologous mesenchymal stem cells in osteoarthritic animal model. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 259.	0.8	136
975	Different populations and sources of human mesenchymal stem cells (MSC): A comparison of adult and neonatal tissue-derived MSC. <i>Cell Communication and Signaling</i> , 2011, 9, 12.	2.7	1,340
976	Angiogenic properties of aged adipose derived mesenchymal stem cells after hypoxic conditioning. <i>Journal of Translational Medicine</i> , 2011, 9, 10.	1.8	178
977	Stem cell treatment for patients with autoimmune disease by systemic infusion of culture-expanded autologous adipose tissue derived mesenchymal stem cells. <i>Journal of Translational Medicine</i> , 2011, 9, 181.	1.8	144
978	Enabling a robust scalable manufacturing process for therapeutic exosomes through oncogenic immortalization of human ESC-derived MSCs. <i>Journal of Translational Medicine</i> , 2011, 9, 47.	1.8	323
979	Clinical trials for stem cell therapies. <i>BMC Medicine</i> , 2011, 9, 52.	2.3	368
980	Isolation and characterization of multipotent mesenchymal stromal cells from the gingiva and the periodontal ligament of the horse. <i>BMC Veterinary Research</i> , 2011, 7, 42.	0.7	60

#	ARTICLE	IF	CITATIONS
981	Hyaluronidase recruits mesenchymal-like cells to the lung and ameliorates fibrosis. <i>Fibrogenesis and Tissue Repair</i> , 2011, 4, 3.	3.4	50
982	Dermal fibroblasts display similar phenotypic and differentiation capacity to fat-derived mesenchymal stem cells, but differ in anti-inflammatory and angiogenic potential. <i>Vascular Cell</i> , 2011, 3, 5.	0.2	116
983	Immunomodulatory properties of human adult and fetal multipotent mesenchymal stem cells. <i>Journal of Biomedical Science</i> , 2011, 18, 49.	2.6	151
984	Hypoxia-mimetic agents inhibit proliferation and alter the morphology of human umbilical cord-derived mesenchymal stem cells. <i>BMC Cell Biology</i> , 2011, 12, 32.	3.0	40
985	Characterization of dental pulp stem/stromal cells of Huntington monkey tooth germs. <i>BMC Cell Biology</i> , 2011, 12, 39.	3.0	13
986	Twist, Epithelial-to-Mesenchymal Transition, and Stem Cells. <i>Stem Cells</i> , 2011, 29, 3-4.	1.4	18
987	Concise Review: Mesenchymal Stem Cell Treatment of the Complications of Diabetes Mellitus. <i>Stem Cells</i> , 2011, 29, 5-10.	1.4	215
988	Concise Review: Dissecting a Discrepancy in the Literature: Do Mesenchymal Stem Cells Support or Suppress Tumor Growth?. <i>Stem Cells</i> , 2011, 29, 11-19.	1.4	466
989	Enrichment of Human ESC-Derived Multipotent Mesenchymal Stem Cells with Immunosuppressive and Anti-Inflammatory Properties Capable to Protect Against Experimental Inflammatory Bowel Disease. <i>Stem Cells</i> , 2011, 29, 251-262.	1.4	119
990	Concise Review: Bone Marrow for the Treatment of Spinal Cord Injury: Mechanisms and Clinical Applications. <i>Stem Cells</i> , 2011, 29, 169-178.	1.4	182
991	Concise Review: Adipose-Derived Stromal Vascular Fraction Cells and Stem Cells: Let's Not Get Lost in Translation. <i>Stem Cells</i> , 2011, 29, 749-754.	1.4	212
992	Concise Review: Mesenchymal Stem Cells for Acute Lung Injury: Role of Paracrine Soluble Factors. <i>Stem Cells</i> , 2011, 29, 913-919.	1.4	355
993	Concise Review: Mesenchymal Stem Cell Tumor-Homing: Detection Methods in Disease Model Systems. <i>Stem Cells</i> , 2011, 29, 920-927.	1.4	185
994	Mesenchymal Stem Cell-Mediated Delivery of the Sodium Iodide Symporter Supports Radionuclide Imaging and Treatment of Breast Cancer. <i>Stem Cells</i> , 2011, 29, 1149-1157.	1.4	76
995	Pretreatment with Interferon- β Enhances the Therapeutic Activity of Mesenchymal Stromal Cells in Animal Models of Colitis. <i>Stem Cells</i> , 2011, 29, 1549-1558.	1.4	287
996	Action at a Distance: Systemically Administered Adult Stem/Progenitor Cells (MSCs) Reduce Inflammatory Damage to the Cornea Without Engraftment and Primarily by Secretion of TNF- α Stimulated Gene/Protein 6. <i>Stem Cells</i> , 2011, 29, 1572-1579.	1.4	226
997	Differential effect of platelet-rich plasma and fetal calf serum on bone marrow-derived human mesenchymal stromal cells expanded in vitro. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 648-654.	1.3	47
998	A novel method for the isolation of subpopulations of rat adipose stem cells with different proliferation and osteogenic differentiation potentials. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 655-664.	1.3	23

#	ARTICLE	IF	CITATIONS
999	State of the art and future perspectives of articular cartilage regeneration: a focus on adipose-derived stem cells and platelet-derived products. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, e36-e51.	1.3	81
1000	In vitro Characterization of an Electroactive Carbonâ€Nanotubeâ€Based Nanofiber Scaffold for Tissue Engineering. <i>Macromolecular Bioscience</i> , 2011, 11, 1272-1282.	2.1	39
1001	Threeâ€dimensional highâ€density coâ€culture with primary tenocytes induces tenogenic differentiation in mesenchymal stem cells. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1351-1360.	1.2	81
1002	Stromal stem cells from adipose tissue and bone marrow of ageâ€matched female donors display distinct immunophenotypic profiles. <i>Journal of Cellular Physiology</i> , 2011, 226, 843-851.	2.0	161
1003	On the role of subtype selective adenosine receptor agonists during proliferation and osteogenic differentiation of human primary bone marrow stromal cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 1353-1366.	2.0	98
1004	Importance of serum source for the in vitro replicative senescence of human bone marrow derived mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 2908-2915.	2.0	43
1005	Autologous bone marrow mesenchymal stem cell transplantation in liver failure patients caused by hepatitis B: Short-term and long-term outcomes. <i>Hepatology</i> , 2011, 54, 1891-1892.	3.6	12
1006	Human mesenchymal stromal cells express CD14 crossâ€reactive epitopes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 635-645.	1.1	45
1007	Migration of dorsal aorta mesenchymal stem cells induced by mouse embryonic circulation. <i>Developmental Dynamics</i> , 2011, 240, 65-74.	0.8	5
1008	Circulating osteogenic cells: Implications for injury, repair, and regeneration. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1685-1693.	3.1	85
1009	Effect of threeâ€dimensional culture and incubator gas concentration on phenotype and differentiation capability of human mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 684-693.	1.2	18
1010	Coâ€culture of mesenchymalâ€like stromal cells derived from human foreskin permits long term propagation and differentiation of human embryonic stem cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1353-1363.	1.2	32
1011	Cellâ€cycle phases and genetic profile of bone marrowâ€derived mesenchymal stromal cells expanded in vitro from healthy donors. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1817-1821.	1.2	19
1012	MicroRNA expression during osteogenic differentiation of human multipotent mesenchymal stromal cells from bone marrow. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1844-1856.	1.2	162
1013	Complement C3a and C5a modulate osteoclast formation and inflammatory response of osteoblasts in synergism with ILâ€1 ² . <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2594-2605.	1.2	142
1014	Therapeutic factors secreted by mesenchymal stromal cells and tissue repair. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 3073-3078.	1.2	83
1015	Functional mesenchymal stem cell niches in adult mouse knee joint synovium in vivo. <i>Arthritis and Rheumatism</i> , 2011, 63, 1289-1300.	6.7	168
1016	Role of mesenchymal stem cells in reestablishing immunologic tolerance in autoimmune rheumatic diseases. <i>Arthritis and Rheumatism</i> , 2011, 63, 2547-2557.	6.7	70

#	ARTICLE	IF	CITATIONS
1017	Generation of human induced pluripotent stem cells from osteoarthritis patient-derived synovial cells. <i>Arthritis and Rheumatism</i> , 2011, 63, 3010-3021.	6.7	68
1018	Clonal analysis of the proliferation potential of human bone marrow mesenchymal stem cells as a function of potency. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2716-2726.	1.7	70
1019	Culture media for the differentiation of mesenchymal stromal cells. <i>Acta Biomaterialia</i> , 2011, 7, 463-477.	4.1	225
1020	Preparation and characterization of a three-dimensional printed scaffold based on a functionalized polyester for bone tissue engineering applications. <i>Acta Biomaterialia</i> , 2011, 7, 1999-2006.	4.1	120
1021	Chondrogenic differentiation in femoral bone marrow-derived mesenchymal cells (MSC) from elderly patients suffering osteoarthritis or femoral fracture. <i>Archives of Gerontology and Geriatrics</i> , 2011, 52, 239-242.	1.4	22
1022	pH-controlled recovery of placenta-derived mesenchymal stem cell sheets. <i>Biomaterials</i> , 2011, 32, 4376-4384.	5.7	87
1023	The combined bone forming capacity of human periosteal derived cells and calcium phosphates. <i>Biomaterials</i> , 2011, 32, 4393-4405.	5.7	100
1024	A phosphorylcholine-modified chitosan polymer as an endothelial progenitor cell supporting matrix. <i>Biomaterials</i> , 2011, 32, 5046-5055.	5.7	24
1025	Gene delivery to human bone marrow mesenchymal stem cells by microporation. <i>Journal of Biotechnology</i> , 2011, 151, 130-136.	1.9	36
1026	The effects of culture on genomic imprinting profiles in human embryonic and fetal mesenchymal stem cells. <i>Epigenetics</i> , 2011, 6, 52-62.	1.3	44
1027	Mesenchymal Stromal Cells in Bronchoalveolar Lavage as Predictors of Bronchiolitis Obliterans Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1062-1070.	2.5	66
1028	Therapeutic mesenchymal stem or stromal cells in rheumatic diseases: rationale, clinical data and perspectives. <i>Clinical Investigation</i> , 2011, 1, 1269-1277.	0.0	2
1029	Mesenchymal Stem Cell Therapy in Necrotizing Enterocolitis: A Rat Study. <i>Pediatric Research</i> , 2011, 70, 489-494.	1.1	71
1030	Preparatory studies of composite mesenchymal stem cell islets for application in intraportal islet transplantation. <i>Upsala Journal of Medical Sciences</i> , 2011, 116, 8-17.	0.4	39
1031	A Novel Mechanism Involved in the Pathogenesis of Graves Ophthalmopathy (GO): Clathrin Is a Possible Targeting Molecule for Inhibiting Local Immune Response in the Orbit. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1727-E1736.	1.8	16
1032	Institutional Profile: The International Society for Cellular Therapy: evolving to meet the demands of the regenerative medicine industry. <i>Regenerative Medicine</i> , 2011, 6, 163-166.	0.8	4
1033	Mesenchymal Stem Cells for Cardiac Cell Therapy. <i>Human Gene Therapy</i> , 2011, 22, 3-17.	1.4	112
1034	Regenerative Therapy and Cancer: <i>In Vitro</i> and <i>In Vivo</i> Studies of the Interaction Between Adipose-Derived Stem Cells and Breast Cancer Cells from Clinical Isolates. <i>Tissue Engineering - Part A</i> , 2011, 17, 93-106.	1.6	198

#	ARTICLE	IF	CITATIONS
1035	Adipose-Derived Mesenchymal Stem Cells in Collagen-Hyaluronic Acid Gel Composite Scaffolds for Vocal Fold Regeneration. <i>Annals of Otology, Rhinology and Laryngology</i> , 2011, 120, 123-130.	0.6	43
1036	Placental Perivascular Cells for Human Muscle Regeneration. <i>Stem Cells and Development</i> , 2011, 20, 451-463.	1.1	91
1037	Mesenchymal Stromal Cells from Neonatal Tracheal Aspirates Demonstrate a Pattern of Lung-Specific Gene Expression. <i>Stem Cells and Development</i> , 2011, 20, 1995-2007.	1.1	45
1038	Mimicking the inflammatory cell adhesion cascade by nucleic acid aptamer programmed cell-cell interactions. <i>FASEB Journal</i> , 2011, 25, 3045-3056.	0.2	43
1039	Exploring the application of mesenchymal stem cells in bone repair and regeneration. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2011, 93-B, 427-434.	3.4	99
1040	Proliferación de células madres mesenquimales obtenidas de tejido gingival humano sobre una matriz de quitosano: estudio in vitro. <i>Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral</i> , 2011, 4, 59-63.	0.1	2
1041	Harnessing Cell-Biomaterial Interactions for Osteochondral Tissue Regeneration. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2011, 126, 67-104.	0.6	3
1042	Skin fibroblasts are potent suppressors of inflammation in experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A24-A25.	0.5	2
1043	Stem cells in bone diseases: current clinical practice. <i>British Medical Bulletin</i> , 2011, 99, 199-210.	2.7	29
1044	Comparing the Chondrogenic Potential in vivo of Autogeneic Mesenchymal Stem Cells Derived from Different Tissues. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2011, 39, 31-38.	0.9	42
1045	Future Perspectives: Therapeutic Targeting of Notch Signalling May Become a Strategy in Patients Receiving Stem Cell Transplantation for Hematologic Malignancies. <i>Bone Marrow Research</i> , 2011, 2011, 1-15.	1.7	12
1046	Paracrine Molecules of Mesenchymal Stem Cells for Hematopoietic Stem Cell Niche. <i>Bone Marrow Research</i> , 2011, 2011, 1-8.	1.7	69
1047	Clinical Application of Mesenchymal Stem Cells in the Treatment and Prevention of Graft-versus-Host Disease. <i>Advances in Hematology</i> , 2011, 2011, 1-17.	0.6	59
1048	The Effect of Storage Time on Adipose-Derived Stem Cell Recovery from Human Lipoaspirates. <i>Cells Tissues Organs</i> , 2011, 194, 494-500.	1.3	48
1049	Cardiac cell therapy: where we've been, where we are, and where we should be headed. <i>British Medical Bulletin</i> , 2011, 98, 161-185.	2.7	174
1050	Stem cells in stroke management. <i>Reviews in Clinical Gerontology</i> , 2011, 21, 125-140.	0.5	0
1051	Chondrogenic differentiation of cultured rat mesenchymal stem cells from bone marrow. <i>Egyptian Journal of Histology</i> , 2011, 34, 772-779.	0.0	0
1052	Cell-based cardiovascular repair and regeneration in acute myocardial infarction and chronic ischemic cardiomyopathy current status and future developments. <i>International Journal of Developmental Biology</i> , 2011, 55, 407-417.	0.3	48

#	ARTICLE	IF	CITATIONS
1053	Membrane Culture of Bone Marrow Stromal Cells Yields Better Tissue Than Pellet Culture for Engineering Cartilage-Bone Substitute Biphasic Constructs in a Two-Step Process. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 939-948.	1.1	28
1054	Hematopoietic stromal cells and megakaryocyte development. <i>Hematology</i> , 2011, 16, 67-72.	0.7	5
1055	Packaging Considerations for Biopreservation. <i>Transfusion Medicine and Hemotherapy</i> , 2011, 38, 149-156.	0.7	24
1056	Potential therapeutic applications of mesenchymal stromal cells. <i>Pathology</i> , 2011, 43, 592-604.	0.3	29
1057	Immunomodulatory Activity of Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2011, 6, 297-316.	0.6	64
1058	Current advances in cell therapy strategies for muscular dystrophies. <i>Expert Opinion on Biological Therapy</i> , 2011, 11, 157-176.	1.4	42
1059	Obesity short-circuits stemness gene network in human adipose multipotent stem cells. <i>FASEB Journal</i> , 2011, 25, 4111-4126.	0.2	98
1060	Growth Factor Priming of Synovium-Derived Stem Cells for Cartilage Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2011, 17, 2259-2265.	1.6	55
1061	Mesenchymal stromal cells: main factor or helper in regenerative medicine?. <i>Kidney International Supplements</i> , 2011, 1, 74-76.	4.6	7
1062	Characterization and <i>In Vivo</i> Testing of Mesenchymal Stem Cells Derived from Human Embryonic Stem Cells. <i>Tissue Engineering - Part A</i> , 2011, 17, 1517-1525.	1.6	85
1063	Stem cell-based strategies for the treatment of type 1 diabetes mellitus. <i>Expert Opinion on Biological Therapy</i> , 2011, 11, 41-53.	1.4	25
1064	The Effect of Mesenchymal Stromal Cell-Hyaluronic Acid Hydrogel Constructs on Immunophenotype of Macrophages. <i>Tissue Engineering - Part A</i> , 2011, 17, 2463-2471.	1.6	55
1065	The Influence of Hypoxia and Fibrinogen Variants on the Expansion and Differentiation of Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2011, 17, 2675-2685.	1.6	52
1066	Immunoregulation by Progesterone: Effects on Immune Cells and Mesenchymal Stem Cells. <i>Advances in Neuroimmune Biology</i> , 2011, 1, 105-123.	0.7	3
1067	Stem Cell Therapy for Digestive Tract Diseases: Current State and Future Perspectives. <i>Stem Cells and Development</i> , 2011, 20, 1113-1129.	1.1	28
1068	Skin fibroblasts are potent suppressors of inflammation in experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1671-1676.	0.5	38
1069	The Effect of Wound Fluid on Adipose-Derived Stem Cells <i>In Vitro</i> : A Study in Human Cell Materials. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 809-817.	1.1	12
1070	Nuclear receptor chicken ovalbumin upstream promoter-transcription factor II (COUP-TFII) modulates mesenchymal cell commitment and differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14843-14848.	3.3	51

#	ARTICLE	IF	CITATIONS
1071	ERK1 and ERK2 are involved in recruitment and maturation of human mesenchymal stem cells induced to adipogenic differentiation. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 123-131.	1.5	40
1072	Specific Age-Associated DNA Methylation Changes in Human Dermal Fibroblasts. <i>PLoS ONE</i> , 2011, 6, e16679.	1.1	115
1073	Mesenchymal Stem Cells: Angels or Demons?. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	119
1074	The use of the reamer-irrigator-aspirator to harvest mesenchymal stem cells. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2011, 93-B, 517-524.	3.4	52
1075	Hypoxic preconditioning enhances bone marrow mesenchymal stem cell migration via Kv2.1 channel and FAK activation. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C362-C372.	2.1	107
1076	Cardiac mesenchymal stem cells contribute to scar formation after myocardial infarction. <i>Cardiovascular Research</i> , 2011, 91, 99-107.	1.8	82
1077	Feasibility of Treating Irradiated Bone with Intramedullary Delivered Autologous Mesenchymal Stem Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-9.	3.0	12
1078	Intrapleural delivery of mesenchymal stem cells: a novel potential treatment for pleural diseases. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 581-590.	2.8	9
1079	C-kit+ cardiac progenitors exhibit mesenchymal markers and preferential cardiovascular commitment. <i>Cardiovascular Research</i> , 2011, 89, 362-373.	1.8	77
1080	Comparison of mesenchymal stromal cells from young healthy donors and patients with severe chronic coronary artery disease. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011, 71, 193-202.	0.6	16
1081	Mesenchymal stromal cells in renal ischemia/reperfusion injury. <i>Frontiers in Immunology</i> , 2012, 3, 162.	2.2	26
1082	Toll-Like Receptors as Modulators of Mesenchymal Stem Cells. <i>Frontiers in Immunology</i> , 2012, 3, 182.	2.2	150
1083	Surface Markers for Chondrogenic Determination: A Highlight of Synovium-Derived Stem Cells. <i>Cells</i> , 2012, 1, 1107-1120.	1.8	30
1084	Adipose Tissue Regeneration: A State of the Art. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-12.	3.0	56
1085	<i>Ex Vivo</i> Expansion of Human Mesenchymal Stem Cells in Defined Serum-Free Media. <i>Stem Cells International</i> , 2012, 2012, 1-21.	1.2	154
1086	Autism Spectrum Disorders: Is Mesenchymal Stem Cell Personalized Therapy the Future?. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-6.	3.0	41
1087	Intra-articular adipose-derived mesenchymal stem cells from rheumatoid arthritis patients maintain the function of chondrogenic differentiation. <i>Rheumatology</i> , 2012, 51, 1757-1764.	0.9	26
1088	Isolation and characterisation of mesenchymal stem cells derived from human placenta tissue. <i>World Journal of Stem Cells</i> , 2012, 4, 53.	1.3	85

#	ARTICLE	IF	CITATIONS
1089	Searching for In Vivo Traces of Mesenchymal Stem Cells and Their Ancestors. , 2012, , 11-24.		3
1090	Toward Personalized Cell Therapies by Using Stem Cells: Seven Relevant Topics for Safety and Success in Stem Cell Therapy. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-12.	3.0	32
1091	Origin and Regenerative Potential of Vertebrate Mechanoreceptor-Associated Stem Cells. <i>Anatomy Research International</i> , 2012, 2012, 1-9.	1.1	3
1092	Implantation of Allogenic Synovial Stem Cells Promotes Meniscal Regeneration in a Rabbit Meniscal Defect Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 701-712.	1.4	118
1093	Mesenchymal stem cell secreted vesicles provide novel opportunities in (stem) cell-free therapy. <i>Frontiers in Physiology</i> , 2012, 3, 359.	1.3	437
1094	Identification of Functional Progenitor Cells in the Pulmonary Vasculature. <i>Pulmonary Circulation</i> , 2012, 2, 84-100.	0.8	9
1095	Mesenchymal Stem Cell-Mediated Reversal of Bronchopulmonary Dysplasia and Associated Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2012, 2, 170-181.	0.8	184
1096	Laminin-5 and type I collagen promote adhesion and osteogenic differentiation of animal serum-free expanded human mesenchymal stromal cells. <i>Orthopedic Reviews</i> , 2012, 4, e36.	0.3	22
1097	Functional Multipotency of Stem Cells: What Do We Need from Them in the Heart?. <i>Stem Cells International</i> , 2012, 2012, 1-12.	1.2	10
1098	On the interactions between mesenchymal stem cells and regulatory T cells for immunomodulation in transplantation. <i>Frontiers in Immunology</i> , 2012, 3, 126.	2.2	67
1099	Therapeutic potential of stem cells in orthopedics. <i>Indian Journal of Orthopaedics</i> , 2012, 46, 4-9.	0.5	8
1100	Adipose-Derived Mesenchymal Stromal/Stem Cells: Tissue Localization, Characterization, and Heterogeneity. <i>Stem Cells International</i> , 2012, 2012, 1-11.	1.2	384
1101	Multipotent Mesenchymal Stromal Stem Cell Expansion by Plating Whole Bone Marrow at a Low Cellular Density: A More Advantageous Method for Clinical Use. <i>Stem Cells International</i> , 2012, 2012, 1-10.	1.2	63
1102	Lim Mineralization Protein 3 Induces the Osteogenic Differentiation of Human Amniotic Fluid Stromal Cells through Kruppel-Like Factor-4 Downregulation and Further Bone-Specific Gene Expression. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-11.	3.0	16
1103	Expression of Neural Markers by Undifferentiated Rat Mesenchymal Stem Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-13.	3.0	22
1104	Umbilical Cord-Derived Mesenchymal Stem Cells for Hematopoietic Stem Cell Transplantation. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-5.	3.0	28
1105	Mesenchymal Stem Cells and Cardiovascular Disease: A Bench to Bedside Roadmap. <i>Stem Cells International</i> , 2012, 2012, 1-11.	1.2	32
1106	Mesenchymal Stem Cells: A Multimodality Option for Wound Healing. <i>Advances in Wound Care</i> , 2012, 1, 153-158.	2.6	18

#	ARTICLE	IF	CITATIONS
1107	Stem Cell Therapy in Kidney Transplantationâ€™Reply. JAMA - Journal of the American Medical Association, 2012, 308, 130.	3.8	3
1108	Isolation, characterization and differentiation of mesenchymal stem cells from amniotic fluid, umbilical cord blood and Wharton's jelly in the horse. Reproduction, 2012, 143, 455-468.	1.1	97
1109	Concise Review: Therapeutic Potential of Adipose Tissue-Derived Angiogenic Cells. Stem Cells Translational Medicine, 2012, 1, 658-667.	1.6	42
1110	Mesenchymal stem cells. Current Opinion in Organ Transplantation, 2012, 17, 55-62.	0.8	47
1111	Targeting Glioblastoma Stem Cells: Cell Surface Markers. Current Medicinal Chemistry, 2012, 19, 6050-6055.	1.2	22
1112	Modulation of Adipogenic Conditions for Prospective Use of hADSCs in Adipose Tissue Engineering. International Journal of Molecular Sciences, 2012, 13, 15881-15900.	1.8	29
1113	Induction Therapy With Autologous Mesenchymal Stem Cells in Living-Related Kidney Transplants. JAMA - Journal of the American Medical Association, 2012, 307, 1169.	3.8	491
1114	Human mesenchymal stromal cells improve scar thickness without enhancing cardiac function in a chronic ischaemic heart failure model. Interactive Cardiovascular and Thoracic Surgery, 2012, 14, 516-520.	0.5	16
1115	Viability of mesenchymal stem cells during electrospinning. Brazilian Journal of Medical and Biological Research, 2012, 45, 125-130.	0.7	18
1116	Mesenchymal Stromal Cell Mutations and Wound Healing Contribute to the Etiology of Desmoid Tumors. Cancer Research, 2012, 72, 346-355.	0.4	56
1117	Stem Cells and Progenitors in Liver Development. Colloquium Series on Stem Cell Biology, 2012, 1, 1-126.	0.0	1
1118	Direct laser writing and geometrical analysis of scaffolds with designed pore architecture for three-dimensional cell culturing. Journal of Micromechanics and Microengineering, 2012, 22, 115016.	1.5	36
1119	Concise Review: Mesenchymal Stem Cells for Diabetes. Stem Cells Translational Medicine, 2012, 1, 59-63.	1.6	75
1120	The potential of mesenchymal stromal cells as a novel cellular therapy for multiple sclerosis. Immunotherapy, 2012, 4, 529-547.	1.0	49
1121	Stem Cells and Pulmonary Fibrosis: Cause or Cure?. Proceedings of the American Thoracic Society, 2012, 9, 164-171.	3.5	39
1122	Engineered MSCs from Patient-Specific iPS Cells. Advances in Biochemical Engineering/Biotechnology, 2012, 130, 1-17.	0.6	8
1123	A Chemically Defined Carrier for the Delivery of Human Mesenchymal Stem/Stromal Cells to Skin Wounds. Tissue Engineering - Part C: Methods, 2012, 18, 143-155.	1.1	29
1124	An optimized growth factor cocktail for ovine mesenchymal stem cells. Growth Factors, 2012, 30, 37-48.	0.5	22

#	ARTICLE	IF	CITATIONS
1125	Comparison of Immuno-Phenotypes of Stem Cells from Human Dental Pulp and Periodontal Ligament. <i>International Journal of Immunopathology and Pharmacology</i> , 2012, 25, 127-134.	1.0	41
1126	Glucagon-Like Peptide-1 Counteracts Oxidative Stress-Dependent Apoptosis of Human Cardiac Progenitor Cells by Inhibiting the Activation of the c-Jun N-terminal Protein Kinase Signaling Pathway. <i>Endocrinology</i> , 2012, 153, 5770-5781.	1.4	31
1127	Comparison of mesenchymal stem cells released from poly(<i>N</i> -isopropylacrylamide) copolymer film and by trypsinization. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 035003.	1.7	38
1128	Equivalent Effects of Topically-Delivered Adipose-Derived Stem Cells and Dermal Fibroblasts in the Ischemic Rabbit Ear Model for Chronic Wounds. <i>Aesthetic Surgery Journal</i> , 2012, 32, 504-519.	0.9	26
1129	Human Inferior Turbinate. <i>Otolaryngology - Head and Neck Surgery</i> , 2012, 147, 568-574.	1.1	48
1130	Quantitative Approaches to Detect Donor and Passage Differences in Adipogenic Potential and Clonogenicity in Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 877-889.	1.1	85
1131	Early intervention with gene-modified mesenchymal stem cells overexpressing interleukin-4 enhances anti-inflammatory responses and functional recovery in experimental autoimmune demyelination. <i>Cell Adhesion and Migration</i> , 2012, 6, 179-189.	1.1	65
1132	Congenital anomalies. <i>Organogenesis</i> , 2012, 8, 89-95.	0.4	19
1133	Nuclear Receptors <i>Nur77</i> and <i>Nurr1</i> Modulate Mesenchymal Stromal Cell Migration. <i>Stem Cells and Development</i> , 2012, 21, 228-238.	1.1	56
1134	Differentiation of Human Wharton's Jelly Cells Toward Nucleus Pulposus-Like Cells After Coculture with Nucleus Pulposus Cells <i>In Vitro</i> . <i>Tissue Engineering - Part A</i> , 2012, 18, 167-175.	1.6	31
1135	Transient 100 nM Dexamethasone Treatment Reduces Inter- and Intraindividual Variations in Osteoblastic Differentiation of Bone Marrow-Derived Human Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 658-666.	1.1	39
1136	Preconditioning Enhances the Paracrine Effect of Mesenchymal Stem Cells in Preventing Oxygen-Induced Neonatal Lung Injury in Rats. <i>Stem Cells and Development</i> , 2012, 21, 2789-2797.	1.1	152
1137	An In Vivo Characterization of Trophic Factor Production Following Neural Precursor Cell or Bone Marrow Stromal Cell Transplantation for Spinal Cord Injury. <i>Stem Cells and Development</i> , 2012, 21, 2222-2238.	1.1	155
1138	A Differential Pressure Laminar Flow Reactor Supports Osteogenic Differentiation and Extracellular Matrix Formation from Adipose Mesenchymal Stem Cells in a Macroporous Ceramic Scaffold. <i>BioResearch Open Access</i> , 2012, 1, 145-156.	2.6	15
1139	A Reliable Protocol for the Isolation of Viable, Chondrogenically Differentiated Human Mesenchymal Stem Cells from High-Density Pellet Cultures. <i>BioResearch Open Access</i> , 2012, 1, 297-305.	2.6	18
1140	Isolation and Characterization of Mesenchymal Stem Cells from the Fat Layer on the Density Gradient Separated Bone Marrow. <i>Stem Cells and Development</i> , 2012, 21, 260-272.	1.1	16
1141	Does the Adult Stroma Contain Stem Cells?. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 129, 177-189.	0.6	3
1142	On the Application of Active Learning and Gaussian Processes in Postcryopreservation Cell Membrane Integrity Experiments. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012, 9, 846-856.	1.9	3

#	ARTICLE	IF	CITATIONS
1143	Changes in Expression of the Antioxidant Enzyme SOD3 Occur Upon Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells In Vitro. <i>Stem Cells and Development</i> , 2012, 21, 2026-2035.	1.1	32
1144	Effect of Enamel Matrix Derivative and of Proline-Rich Synthetic Peptides on the Differentiation of Human Mesenchymal Stem Cells Toward the Osteogenic Lineage. <i>Tissue Engineering - Part A</i> , 2012, 18, 1253-1263.	1.6	27
1145	Vascular Potency of <i>Sus Scrofa</i> Bone Marrow-Derived Mesenchymal Stem Cells: A Progenitor Source of Medial but Not Endothelial Cells. <i>Tissue Engineering - Part A</i> , 2012, 18, 828-839.	1.6	7
1146	Hypoxia Impedes Vasculogenesis of <i>In Vitro</i> Engineered Bone. <i>Tissue Engineering - Part A</i> , 2012, 18, 208-218.	1.6	21
1147	Mesenchymal stem cells enhance recovery and repair following ventilator-induced lung injury in the rat. <i>Thorax</i> , 2012, 67, 496-501.	2.7	238
1148	Development and Characterization of a Clinically Compliant Xeno-Free Culture Medium in Good Manufacturing Practice for Human Multipotent Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2012, 1, 750-758.	1.6	99
1149	Human Dermis Harbors Distinct Mesenchymal Stromal Cell Subsets. <i>Journal of Investigative Dermatology</i> , 2012, 132, 563-574.	0.3	103
1150	Adipose-Derived Stem Cell Collection and Characterization in Bottlenose Dolphins (<i>Tursiops</i>) Tj ETQq1 1 0.784314 19 BT / Overlock 10 25		
1151	Human mesenchymal stem cells overexpressing therapeutic genes: From basic science to clinical applications for articular cartilage repair. <i>Bio-Medical Materials and Engineering</i> , 2012, 22, 197-208.	0.4	19
1152	Synovium-Derived Stem Cells: A Tissue-Specific Stem Cell for Cartilage Engineering and Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2012, 18, 301-311.	2.5	152
1153	Concise Review: The Periosteum: Tapping into a Reservoir of Clinically Useful Progenitor Cells. <i>Stem Cells Translational Medicine</i> , 2012, 1, 480-491.	1.6	143
1154	Potential of Mesenchymal Stem Cell Applications in Plastic and Reconstructive Surgery. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 130, 55-67.	0.6	3
1155	Characterization of Autologous Mesenchymal Stem Cell-Derived Neural Progenitors as a Feasible Source of Stem Cells for Central Nervous System Applications in Multiple Sclerosis. <i>Stem Cells Translational Medicine</i> , 2012, 1, 536-547.	1.6	64
1156	Osteogenic differentiation of human dental pulp stem cells on β -tricalcium phosphate/poly(ϵ -lactide/ ϵ -caprolactone) three-dimensional scaffolds. <i>Journal of Tissue Engineering</i> , 2012, 3, 204173141246799.	2.3	52
1157	Bone Marrow Mesenchymal Stem Cells in Patients with Beta Thalassemia Major: Molecular Analysis with Attenuated Total Reflection-Fourier Transform Infrared Spectroscopy Study as a Novel Method. <i>Stem Cells and Development</i> , 2012, 21, 2000-2011.	1.1	23
1158	Molecular Analysis of the Differentiation Potential of Murine Mesenchymal Stem Cells from Tissues of Endodermal or Mesodermal Origin. <i>Stem Cells and Development</i> , 2012, 21, 1761-1768.	1.1	27
1159	Small Molecule Mesengenic Induction of Human Induced Pluripotent Stem Cells to Generate Mesenchymal Stem/Stromal Cells. <i>Stem Cells Translational Medicine</i> , 2012, 1, 83-95.	1.6	172
1160	Is it time to revisit our current hematopoietic progenitor cell quantification methods in the clinic?. <i>Bone Marrow Transplantation</i> , 2012, 47, 1391-1396.	1.3	16

#	ARTICLE	IF	CITATIONS
1162	Immunomodulatory Effects of Mesenchymal Stromal Cells in Crohn's Disease. <i>Journal of Allergy</i> , 2012, 2012, 1-8.	0.7	8
1163	Immune Modulatory Responses of Mesenchymal Stem Cells from Different Sources in Cultures and In Vivo. <i>Cell & Tissue Transplantation & Therapy</i> , 0, , 1.	0.0	3
1164	Hematopoietic Microenvironment in the Fetal Liver: Roles of Different Cell Populations. , 2012, 2012, 1-7.		15
1165	Progenitor and stem cell therapies for cartilage repair. , 2012, , 391-417.		0
1166	Engaging Stem Cells for Customized Tendon Regeneration. <i>Stem Cells International</i> , 2012, 2012, 1-12.	1.2	19
1167	Journey of Mesenchymal Stem Cells for Homing: Strategies to Enhance Efficacy and Safety of Stem Cell Therapy. <i>Stem Cells International</i> , 2012, 2012, 1-11.	1.2	193
1168	Comprehensive Characterization of Mesenchymal Stem Cells from Human Placenta and Fetal Membrane and Their Response to Osteoactivin Stimulation. <i>Stem Cells International</i> , 2012, 2012, 1-13.	1.2	61
1169	Effect of <i>In Vitro</i> Exposure of Corticosteroid Drugs, Conventionally Used in AMD Treatment, on Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2012, 2012, 1-11.	1.2	20
1170	Markers for Characterization of Bone Marrow Multipotential Stromal Cells. <i>Stem Cells International</i> , 2012, 2012, 1-12.	1.2	220
1171	Minced Umbilical Cord Fragments as a Source of Cells for Orthopaedic Tissue Engineering: An In Vitro Study. <i>Stem Cells International</i> , 2012, 2012, 1-13.	1.2	39
1172	Clonal Populations of Amniotic Cells by Dilution and Direct Plating: Evidence for Hidden Diversity. <i>Stem Cells International</i> , 2012, 2012, 1-15.	1.2	6
1173	Osteogenesis Imperfecta and Bone Marrow Transplant. <i>Journal of Pediatric Oncology Nursing</i> , 2012, 29, 37-44.	1.5	1
1174	Mesenchymal stem cells enhance survival and bacterial clearance in murine <i>Escherichia coli</i> pneumonia. <i>Thorax</i> , 2012, 67, 533-539.	2.7	307
1175	Donor Age of Human Platelet Lysate Affects Proliferation and Differentiation of Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2012, 7, e37839.	1.1	120
1176	Heparan Sulfate Enhances the Self-Renewal and Therapeutic Potential of Mesenchymal Stem Cells from Human Adult Bone Marrow. <i>Stem Cells and Development</i> , 2012, 21, 1897-1910.	1.1	46
1177	Neurological disorders and the potential role for stem cells as a therapy. <i>British Medical Bulletin</i> , 2012, 101, 163-181.	2.7	38
1178	Role of A2B Adenosine Receptors in Regulation of Paracrine Functions of Stem Cell Antigen 1-Positive Cardiac Stromal Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 764-774.	1.3	28
1179	Human Mesenchymal Stem Cells Protect Human Islets from Pro-Inflammatory Cytokines. <i>PLoS ONE</i> , 2012, 7, e38189.	1.1	112

#	ARTICLE	IF	CITATIONS
1180	Lung progenitor and stem cell biology and therapy. , 2012, , 463-500.		0
1181	Stem Cells and Their Use for the Treatment of Kidney Diseases. , 2012, , 863-871.		1
1182	Intrinsic Properties of Mesemchymal Stem Cells from Human Bone Marrow, Umbilical Cord and Umbilical Cord Blood Comparing the Different Sources of MSC. Current Stem Cell Research and Therapy, 2012, 7, 389-399.	0.6	41
1183	Towards the therapeutic use of vascular smooth muscle progenitor cells. Cardiovascular Research, 2012, 95, 205-214.	1.8	31
1184	Misleading and reliable markers to differentiate between primate testis-derived multipotent stromal cells and spermatogonia in culture. Human Reproduction, 2012, 27, 1754-1767.	0.4	49
1185	Adhesive and mechanical regulation of mesenchymal stem cell differentiation in human bone marrow and periosteum-derived progenitor cells. Biology Open, 2012, 1, 1058-1068.	0.6	65
1186	Preclinical Studies. ICU Director, 2012, 3, 166-171.	0.2	1
1187	Myogenic Properties of Human Mesenchymal Stem Cells Derived from Three Different Sources. Cell Transplantation, 2012, 21, 153-173.	1.2	73
1188	Characterization of Adult Stem/Progenitor Cell Populations from Bone Marrow in a Three-Dimensional Collagen Gel Culture System. Cell Transplantation, 2012, 21, 2021-2032.	1.2	19
1189	Human Menstrual Blood-Derived Mesenchymal Cells as a Cell Source of Rapid and Efficient Nuclear Reprogramming. Cell Transplantation, 2012, 21, 2215-2224.	1.2	29
1190	Restricted Myogenic Potential of Mesenchymal Stromal Cells Isolated from Umbilical Cord. Cell Transplantation, 2012, 21, 1711-1726.	1.2	21
1191	Isolation and Phenotypic Characterisation of Stem Cells from Late Stage Osteoarthritic Mesenchymal Tissues. Current Stem Cell Research and Therapy, 2012, 7, 319-328.	0.6	3
1192	Enrichment of neural-related genes in human mesenchymal stem cells from neuroblastoma patients. International Journal of Molecular Medicine, 2012, 30, 365-373.	1.8	3
1193	Autologous Mesenchymal Stem Cell Therapy in Progressive Multiple Sclerosis: An Open Label Study. Current Stem Cell Research and Therapy, 2012, 7, 407-414.	0.6	158
1194	Cell Therapy Using Induced Pluripotent Stem Cells or Somatic Stem Cells: This is the Question. Current Stem Cell Research and Therapy, 2012, 7, 191-196.	0.6	17
1195	Lessons from Genetically Altered Mesenchymal Stem Cells (MSCs): Candidates for Improved MSC-Directed Myocardial Repair. Cell Transplantation, 2012, 21, 1065-1074.	1.2	16
1196	Generation of Glucose-Responsive, Insulin-Producing Cells from Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells. Cell Transplantation, 2012, 21, 1321-1339.	1.2	67
1197	Mesenchymal Stem Cells Facilitate Fracture Repair in an Alcohol-Induced Impaired Healing Model. Journal of Orthopaedic Trauma, 2012, 26, 712-718.	0.7	38

#	ARTICLE	IF	CITATIONS
1198	Human Adipose Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2012, 129, 1277-1290.	0.7	192
1199	Isolation and Characterization of Canine Wharton's Jelly-Derived Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2012, 21, 1493-1502.	1.2	21
1200	Mesenchymal stromal cells. <i>Critical Care Medicine</i> , 2012, 40, 1373-1375.	0.4	7
1201	Effect of the application of stem cells for tendon injuries in sporting horses. <i>Archivos De Medicina Veterinaria</i> , 2012, 44, 207-215.	0.2	3
1202	Therapeutic Potential of Canine Bone Marrow Stromal Cells (BMSCs) in the Carbon Tetrachloride (CCl ₄) Induced Chronic Liver Dysfunction Mouse Model. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 607-611.	0.3	5
1203	The composition of the mesenchymal stromal cell compartment in human bone marrow changes during development and aging. <i>Haematologica</i> , 2012, 97, 179-183.	1.7	89
1204	Gibberellic acid induces α -amylase expression in adipose-derived stem cells. <i>International Journal of Molecular Medicine</i> , 2012, 30, 243-247.	1.8	11
1205	Impaired expression of DICER, DROSHA, SBDS and some microRNAs in mesenchymal stromal cells from myelodysplastic syndrome patients. <i>Haematologica</i> , 2012, 97, 1218-1224.	1.7	83
1206	Comparative study of the osteogenic differentiation capacity of human bone marrow- and human adipose-derived stem cells under cyclic tensile stretch using quantitative analysis. <i>International Journal of Molecular Medicine</i> , 2012, 30, 1327-1334.	1.8	12
1207	Is CD34 truly a negative marker for mesenchymal stromal cells?. <i>Cytotherapy</i> , 2012, 14, 1159-1163.	0.3	186
1208	New Cell-Based Therapy Paradigm: Induction of Bone Marrow-Derived Multipotent Mesenchymal Stromal Cells into Pro-Inflammatory MSC1 and Anti-inflammatory MSC2 Phenotypes. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 130, 163-197.	0.6	20
1209	Inner ear progenitor cells can be generated <i>in vitro</i> from human bone marrow mesenchymal stem cells. <i>Regenerative Medicine</i> , 2012, 7, 757-767.	0.8	29
1210	Stem Cells in Burn Eschar. <i>Cell Transplantation</i> , 2012, 21, 933-942.	1.2	23
1211	Microvesicles Derived from Human Umbilical Cord Mesenchymal Stem Cells Stimulated by Hypoxia Promote Angiogenesis Both In Vitro and In Vivo. <i>Stem Cells and Development</i> , 2012, 21, 3289-3297.	1.1	222
1212	Mesenchymal stem cells for cartilage repair in osteoarthritis. <i>Stem Cell Research and Therapy</i> , 2012, 3, 25.	2.4	227
1213	Stem cell recruitment after injury: lessons for regenerative medicine. <i>Regenerative Medicine</i> , 2012, 7, 833-850.	0.8	137
1214	Prospects for stem cell-derived therapy in stroke. <i>Progress in Brain Research</i> , 2012, 201, 119-167.	0.9	22
1215	Do mesenchymal stem cells function across species barriers? Relevance for xenotransplantation. <i>Xenotransplantation</i> , 2012, 19, 273-285.	1.6	102

#	ARTICLE	IF	CITATIONS
1216	Human mesenchymal stromal cell proteomics: contribution for identification of new markers and targets for medicine intervention. <i>Expert Review of Proteomics</i> , 2012, 9, 217-230.	1.3	16
1217	A long-awaited discovery: hypoxia prevents mouse cells from undergoing spontaneous p53-dependent transformation. <i>Cytotherapy</i> , 2012, 14, 1029-1031.	0.3	2
1218	Dexamethasone has variable effects on mesenchymal stromal cells. <i>Cytotherapy</i> , 2012, 14, 423-430.	0.3	57
1219	Placental mesenchymal stromal cells induced into neurotrophic factor-producing cells protect neuronal cells from hypoxia and oxidative stress. <i>Cytotherapy</i> , 2012, 14, 45-55.	0.3	23
1220	Mesenchymal stromal cells of human umbilical cord Wharton's jelly accelerate wound healing by paracrine mechanisms. <i>Cytotherapy</i> , 2012, 14, 1171-1181.	0.3	80
1221	Mesenchymal stromal cells: a key player in "innate tolerance"? <i>Immunology</i> , 2012, 137, 206-213.	2.0	71
1222	Mesenchymal Stem Cell Isolation and Expansion Methodology. , 2012, , 23-33.		0
1223	Evaluation of the Cell Viability of Human Wharton's Jelly Stem Cells for Use in Cell Therapy. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 408-419.	1.1	36
1224	The role of mesenchymal stem cells in veterinary therapeutics—A review. <i>New Zealand Veterinary Journal</i> , 2012, 60, 265-272.	0.4	25
1225	From cellular therapies to tissue reprogramming and regenerative strategies in the treatment of diabetes. <i>Regenerative Medicine</i> , 2012, 7, 41-48.	0.8	15
1226	Oxidative damage to biological macromolecules in human bone marrow mesenchymal stromal cells labeled with various types of iron oxide nanoparticles. <i>Toxicology Letters</i> , 2012, 210, 53-63.	0.4	63
1227	Rationale and design of the first randomized, double-blind, placebo-controlled trial of intramyocardial injection of autologous bone-marrow derived Mesenchymal Stromal Cells in chronic ischemic Heart Failure (MSC-HF Trial). <i>American Heart Journal</i> , 2012, 164, 285-291.	1.2	86
1228	Human Periosteum-Derived Stem Cells for Tissue Engineering Applications: The Role of VEGF. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 882-890.	5.6	45
1229	Skin-derived multipotent stromal cells "an archival for mesenchymal stem cells. <i>Cell and Tissue Research</i> , 2012, 350, 1-12.	1.5	34
1230	The Three-Dimensional Collagen Scaffold Improves the Stemness of Rat Bone Marrow Mesenchymal Stem Cells. <i>Journal of Genetics and Genomics</i> , 2012, 39, 633-641.	1.7	59
1231	Progress in stem cell biology in regenerative medicine for liver disease. <i>Hepatology Research</i> , 2012, 42, 15-21.	1.8	8
1232	Comparative study of equine bone marrow and adipose tissue-derived mesenchymal stromal cells. <i>Equine Veterinary Journal</i> , 2012, 44, 33-42.	0.9	52
1233	Equine peripheral blood-derived mesenchymal stem cells: Isolation, identification, trilineage differentiation and effect of hyperbaric oxygen treatment. <i>Equine Veterinary Journal</i> , 2012, 44, 600-605.	0.9	42

#	ARTICLE	IF	CITATIONS
1234	Activated T cells modulate immunosuppression by embryonic-and bone marrow-derived mesenchymal stromal cells through a feedback mechanism. <i>Cytherapy</i> , 2012, 14, 274-284.	0.3	22
1235	Clinical review: Stem cell therapies for acute lung injury/acute respiratory distress syndrome - hope or hype?. <i>Critical Care</i> , 2012, 16, 205.	2.5	85
1236	Chitosan and Chitin Hexamers affect expansion and differentiation of mesenchymal stem cells differently. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 675-680.	3.6	18
1237	Endometrial regeneration and endometrial stem/progenitor cells. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2012, 13, 235-251.	2.6	183
1238	Differential expression of CD90 and CD14 stem cell markers in malignant breast cancer cell lines. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 1084-1091.	1.1	33
1239	Human Elastin-Based Recombinant Biopolymers Improve Mesenchymal Stem Cell Differentiation. <i>Macromolecular Bioscience</i> , 2012, 12, 1546-1554.	2.1	28
1240	Identification of fibrocytes from mesenchymal stem cells in keloid tissue: a potential source of abnormal fibroblasts in keloid scarring. <i>Archives of Dermatological Research</i> , 2012, 304, 665-671.	1.1	37
1241	Human mesenchymal stromal cells from adipose tissue of the neck. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 2561-2570.	0.8	7
1242	L'uso di cellule staminali in ortopedia pediatrica. <i>Archivio Di Ortopedia E Reumatologia</i> , 2012, 123, 26-27.	0.0	1
1243	Possible Aspects of Using Cultured Stem Cell of Laboratory Primates in Experimental Medicine. <i>Bulletin of Experimental Biology and Medicine</i> , 2012, 154, 133-135.	0.3	5
1244	Proteomic analysis of the impact of static culturing on the expansion of rat bone marrow mesenchymal stem cells. <i>Biotechnology Letters</i> , 2012, 34, 1589-1596.	1.1	4
1245	Advances in cell-based therapy for peripheral vascular disease. <i>Atherosclerosis</i> , 2012, 223, 269-277.	0.4	28
1246	The relationship between adipose tissue and bone metabolism. <i>Clinical Biochemistry</i> , 2012, 45, 874-879.	0.8	81
1247	Stem cells in dentistry – Part I: Stem cell sources. <i>Journal of Prosthodontic Research</i> , 2012, 56, 151-165.	1.1	287
1248	Impact of different pancreatic microenvironments on improvement in hyperglycemia and insulin deficiency in diabetic rats after transplantation of allogeneic mesenchymal stromal cells. <i>Journal of Surgical Research</i> , 2012, 178, 188-195.	0.8	15
1250	Spinal arthrodesis. Basic science. <i>Revista Española De Cirugía Ortopédica Y Traumatología</i> , 2012, 56, 227-244.	0.1	2
1251	Platelet lysate suppresses the expression of lipocalin-type prostaglandin D2 synthase that positively controls adipogenic differentiation of human mesenchymal stromal cells. <i>Experimental Cell Research</i> , 2012, 318, 2284-2296.	1.2	21
1252	The modulation of canine mesenchymal stem cells by nano-topographic cues. <i>Experimental Cell Research</i> , 2012, 318, 2438-2445.	1.2	22

#	ARTICLE	IF	CITATIONS
1253	Selective Cell Recruitment and Spatially Controlled Cell Attachment on Instructive Chitosan Surfaces Functionalized with Antibodies. <i>Biointerphases</i> , 2012, 7, 65.	0.6	18
1254	Concise Review: Role of Mesenchymal Stem Cells in Wound Repair. <i>Stem Cells Translational Medicine</i> , 2012, 1, 142-149.	1.6	620
1255	Stem Cells and Regenerative Medicine in Lung Biology and Diseases. <i>Molecular Therapy</i> , 2012, 20, 1116-1130.	3.7	74
1256	The influence of cardiovascular risk factors on bone marrow mesenchymal stromal cell fitness. <i>Cytotherapy</i> , 2012, 14, 670-678.	0.3	28
1257	Human Intraoral Harvested Mesenchymal Stem Cells: Characterization, Multilineage Differentiation Analysis, and 3-Dimensional Migration of Natural Bone Mineral and Tricalcium Phosphate Scaffolds. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, 2309-2315.	0.5	7
1258	Cell-Based Strategies to Reconstitute Lung Function in Infants with Severe Bronchopulmonary Dysplasia. <i>Clinics in Perinatology</i> , 2012, 39, 703-725.	0.8	27
1259	During epithelial differentiation of human adipose-derived stromal/stem cells, expression of zonula occludens protein-1 is induced by a combination of retinoic acid, activin-A and bone morphogenetic protein-7. <i>Cytotherapy</i> , 2012, 14, 61-69.	0.3	15
1260	Pluripotent and multipotent stem cells in adult tissues. <i>Advances in Medical Sciences</i> , 2012, 57, 1-17.	0.9	54
1261	A regenerative approach for bone repair in congenital pseudarthrosis of the tibia associated or not associated with type 1 neurofibromatosis: correlation between laboratory findings and clinical outcome. <i>Cytotherapy</i> , 2012, 14, 306-314.	0.3	22
1262	Mesenchymal stromal cells impair the differentiation of CD14 ⁺⁺ CD16 ⁺ CD64 ⁺ classical monocytes into CD14 ⁺⁺ CD16 ⁺ CD64 ⁺⁺ activate monocytes. <i>Cytotherapy</i> , 2012, 14, 12-25.	0.3	29
1263	Intrinsic Growth Deficiencies of Mesenchymal Stromal Cells in Myelodysplastic Syndromes. <i>Stem Cells and Development</i> , 2012, 21, 1604-1615.	1.1	48
1264	Adipose tissue houses different subtypes of stem cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 1295-1301.	0.7	6
1265	Mesenchymal stem cells in tumor development. <i>Cell Adhesion and Migration</i> , 2012, 6, 220-230.	1.1	172
1266	Mitochondrial Function and Energy Metabolism in Umbilical Cord Blood- and Bone Marrow-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 575-588.	1.1	62
1267	Strategies for enrichment and selection of stem cell-derived tissue precursors. <i>Stem Cell Research and Therapy</i> , 2012, 3, 17.	2.4	6
1268	Mesenchymal stem cell therapy for attenuation of scar formation during wound healing. <i>Stem Cell Research and Therapy</i> , 2012, 3, 20.	2.4	217
1269	In Vitro Characterization of Trophic Factor Expression in Neural Precursor Cells. <i>Stem Cells and Development</i> , 2012, 21, 432-447.	1.1	44
1270	Identification of Mesenchymal Stem Cells in Perinodular Fat and Skin in Dupuytren's Disease: A Potential Source of Myofibroblasts with Implications for Pathogenesis and Therapy. <i>Stem Cells and Development</i> , 2012, 21, 609-622.	1.1	28

#	ARTICLE	IF	CITATIONS
1271	Omental Adipose Tissueâ€œDerived Stromal Cells Promote Vascularization and Growth of Endometrial Tumors. <i>Clinical Cancer Research</i> , 2012, 18, 771-782.	3.2	151
1272	Exosomes. <i>Circulation</i> , 2012, 126, 2553-2555.	1.6	46
1273	Umbilical cord blood-derived mesenchymal stem cells consist of a unique population of progenitors co-expressing mesenchymal stem cell and neuronal markers capable of instantaneous neuronal differentiation. <i>Stem Cell Research and Therapy</i> , 2012, 3, 57.	2.4	103
1274	Effects of Medium Supplements on Proliferation, Differentiation Potential, and In Vitro Expansion of Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2012, 1, 771-782.	1.6	168
1275	The i Blood Group Antigen as a Marker for Umbilical Cord Blood-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 455-464.	1.1	12
1276	Concise Review: Clinical Translation of Wound Healing Therapies Based on Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2012, 1, 44-50.	1.6	223
1277	Banking Human Umbilical Cord-Derived Mesenchymal Stromal Cells for Clinical Use. <i>Cell Transplantation</i> , 2012, 21, 207-216.	1.2	61
1278	MicroRNAs are shaping the hematopoietic landscape. <i>Haematologica</i> , 2012, 97, 160-167.	1.7	109
1279	Mesenchymal stem cells derived from adipose tissue are not affected by renal disease. <i>Kidney International</i> , 2012, 82, 748-758.	2.6	54
1280	Concise Review: Adipose-Derived Stromal Vascular Fraction Cells and Platelet-Rich Plasma: Basic and Clinical Implications for Tissue Engineering Therapies in Regenerative Surgery. <i>Stem Cells Translational Medicine</i> , 2012, 1, 230-236.	1.6	110
1281	Mesenchymal Stem Cells/Multipotent Mesenchymal Stromal Cells (MSCs). <i>International Journal of Lower Extremity Wounds</i> , 2012, 11, 244-253.	0.6	31
1282	Concise Review: The Clinical Application of Mesenchymal Stem Cells for Musculoskeletal Regeneration: Current Status and Perspectives. <i>Stem Cells Translational Medicine</i> , 2012, 1, 237-247.	1.6	197
1283	A Thermosensitive Hydrogel Capable of Releasing bFGF for Enhanced Differentiation of Mesenchymal Stem Cell into Cardiomyocyte-like Cells under Ischemic Conditions. <i>Biomacromolecules</i> , 2012, 13, 1956-1964.	2.6	35
1284	Functional recovery and neuronal regeneration of a rat model of epilepsy by transplantation of Hes1-down regulated bone marrow stromal cells. <i>Neuroscience</i> , 2012, 212, 214-224.	1.1	9
1285	Histone Demethylases KDM4B and KDM6B Promotes Osteogenic Differentiation of Human MSCs. <i>Cell Stem Cell</i> , 2012, 11, 50-61.	5.2	264
1286	Stem Cell Therapies Could Change Medicineâ€œ If They Get the Chance. <i>Cell Stem Cell</i> , 2012, 10, 663-665.	5.2	30
1287	Mesenchymal Stromal Cells: New Directions. <i>Cell Stem Cell</i> , 2012, 10, 709-716.	5.2	679
1288	Adipose tissue stem cells: the great WAT hope. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 270-277.	3.1	88

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1289	Growth factors and chondrogenic differentiation of mesenchymal stem cells. <i>Tissue and Cell</i> , 2012, 44, 69-73.	1.0	115
1290	TRAIL-engineered pancreas-derived mesenchymal stem cells: characterization and cytotoxic effects on pancreatic cancer cells. <i>Cancer Gene Therapy</i> , 2012, 19, 652-658.	2.2	65
1291	Primary Mesenchymal Stem and Progenitor Cells from Bone Marrow Lack Expression of CD44 Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 25795-25807.	1.6	122
1292	Regulation of cell proliferation of human induced pluripotent stem cell-derived mesenchymal stem cells via ether-Å-go-go 1 (hEAG1) potassium channel. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C115-C125.	2.1	74
1293	Stemness of Human Wharton's Jelly Mesenchymal Cells Is Maintained by Floating Cultivation. <i>Cellular Reprogramming</i> , 2012, 14, 448-455.	0.5	14
1294	Evaluation of methods for cultivating limbal mesenchymal stromal cells. <i>Cytherapy</i> , 2012, 14, 936-947.	0.3	30
1295	Stem cells combined with bone graft substitutes in skeletal tissue engineering. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, 713-729.	1.4	73
1296	Importance of mesenchymal stem cells in autologous fat grafting: A systematic review of existing studies. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2012, 46, 59-68.	0.4	108
1297	Human amniotic fluid-derived c-kit+ and c-kit ⁺ stem cells: growth characteristics and some differentiation potential capacities comparison. <i>Cytotechnology</i> , 2012, 64, 577-589.	0.7	20
1298	Stem cell therapy for voiding and erectile dysfunction. <i>Nature Reviews Urology</i> , 2012, 9, 435-447.	1.9	27
1299	Enhanced mesenchymal stromal cell recruitment via natural killer cells by incorporation of inflammatory signals in biomaterials. <i>Journal of the Royal Society Interface</i> , 2012, 9, 261-271.	1.5	53
1300	Human Oral Mucosa and Gingiva. <i>Journal of Dental Research</i> , 2012, 91, 1011-1018.	2.5	138
1301	Mesenchymal Stem Cells Derived from Human Limbal Niche Cells. , 2012, 53, 5686.		102
1302	Mesenchymal Stem Cells in the Human Corneal Limbal Stroma. , 2012, 53, 5109.		141
1303	Human mesenchymal stem cells reduce mortality and bacteremia in gram-negative sepsis in mice in part by enhancing the phagocytic activity of blood monocytes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L1003-L1013.	1.3	278
1304	Comparative Study of the Biological Characteristics of Mesenchymal Stem Cells from Bone Marrow and Peripheral Blood of Rats. <i>Tissue Engineering - Part A</i> , 2012, 18, 1793-1803.	1.6	37
1305	Kinetics and Function of Mesenchymal Stem Cells in Corneal Injury. , 2012, 53, 3638.		87
1306	Osteogenic response of human adipose-derived stem cells to BMP-6, VEGF, and combined VEGF plus BMP-6 <i>in vitro</i> . <i>Growth Factors</i> , 2012, 30, 333-343.	0.5	33

#	ARTICLE	IF	CITATIONS
1307	Adult Mesenchymal Stem Cells Explored in the Dental Field. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 130, 89-103.	0.6	24
1308	Self-Renewal and Multipotency Coexist in a Long-Term Cultured Adult Rat Dental Pulp Stem Cell Line: An Exception to the Rule?. <i>Stem Cells and Development</i> , 2012, 21, 3278-3288.	1.1	10
1309	Treatment of Familial Hemophagocytic Lymphohistiocytosis with Third-Party Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2012, 21, 3147-3151.	1.1	19
1310	Transplanted bone marrow mononuclear cells and MSCs impart clinical benefit to children with osteogenesis imperfecta through different mechanisms. <i>Blood</i> , 2012, 120, 1933-1941.	0.6	118
1311	Nanoparticles and their potential for application in bone. <i>International Journal of Nanomedicine</i> , 2012, 7, 4545.	3.3	146
1312	Isolation, characterization, and in vitro proliferation of canine mesenchymal stem cells derived from bone marrow, adipose tissue, muscle, and periosteum. <i>American Journal of Veterinary Research</i> , 2012, 73, 1305-1317.	0.3	139
1313	The role of the myofibroblast in tumor stroma remodeling. <i>Cell Adhesion and Migration</i> , 2012, 6, 203-219.	1.1	202
1314	Advances in Mesenchymal Stem Cell Research in Sepsis. <i>Journal of Surgical Research</i> , 2012, 173, 113-126.	0.8	58
1315	Rac1b regulates NT3-stimulated Mek-Erk signaling, directing marrow-isolated adult multilineage inducible (MIAMI) cells toward an early neuronal phenotype. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 138-148.	1.0	18
1316	Oct4 and Nanog Directly Regulate Dnmt1 to Maintain Self-Renewal and Undifferentiated State in Mesenchymal Stem Cells. <i>Molecular Cell</i> , 2012, 47, 169-182.	4.5	316
1317	The immunomodulatory capacity of mesenchymal stem cells. <i>Trends in Molecular Medicine</i> , 2012, 18, 128-134.	3.5	308
1318	Role of endothelial injury in disease mechanisms and contribution of progenitor cells in mediating endothelial repair. <i>Immunobiology</i> , 2012, 217, 569-580.	0.8	28
1319	Comparison of immunomodulatory effects of placenta mesenchymal stem cells with bone marrow and adipose mesenchymal stem cells. <i>International Immunopharmacology</i> , 2012, 13, 219-224.	1.7	156
1320	Experimental Formation of Dentin-like Structure in the Root Canal Implant Model Using Cryopreserved Swine Dental Pulp Progenitor Cells. <i>Journal of Endodontics</i> , 2012, 38, 913-919.	1.4	51
1321	Cell- and gene-based approaches to tendon regeneration. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 278-294.	1.2	94
1322	Mesenchymal stem cell isolation and characterization from human spinal ligaments. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 1193-1199.	1.0	35
1323	Effects of FGF-2 on human adipose tissue derived adult stem cells morphology and chondrogenesis enhancement in Transwell culture. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 234-238.	1.0	46
1324	In vitro expanded bone marrow-derived murine (C57Bl/KaLwRij) mesenchymal stem cells can acquire CD34 expression and induce sarcoma formation in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 391-397.	1.0	12

#	ARTICLE	IF	CITATIONS
1325	Phorbol myristate acetate differentiates human adipose-derived mesenchymal stem cells into functional cardiogenic cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 740-746.	1.0	17
1326	Identification and characterization of the human leiomyoma side population as putative tumor-initiating cells. <i>Fertility and Sterility</i> , 2012, 98, 741-751.e6.	0.5	101
1327	Endometrial reconstruction from stem cells. <i>Fertility and Sterility</i> , 2012, 98, 11-20.	0.5	157
1328	New factors controlling the balance between osteoblastogenesis and adipogenesis. <i>Bone</i> , 2012, 50, 540-545.	1.4	105
1329	Human chorionic villus mesenchymal stromal cells reveal strong endothelial conversion properties. <i>Differentiation</i> , 2012, 83, 260-270.	1.0	26
1330	Human umbilical cord Wharton's jelly stem cells: Immune property genes assay and effect of transplantation on the immune cells of heart failure patients. <i>Cellular Immunology</i> , 2012, 276, 83-90.	1.4	26
1331	Human adipose tissue-derived mesenchymal stem cells: Characteristics and therapeutic potential as cellular vehicles for prodrug gene therapy against brainstem gliomas. <i>European Journal of Cancer</i> , 2012, 48, 129-137.	1.3	95
1332	Do microRNAs regulate bone marrow stem cell niche physiology?. <i>Gene</i> , 2012, 497, 1-9.	1.0	18
1333	Bone Tissue Engineering: Current Strategies and Techniques"Part II: Cell Types. <i>Tissue Engineering - Part B: Reviews</i> , 2012, 18, 258-269.	2.5	83
1334	Cardiac repair and restoration using human embryonic stem cells. <i>Regenerative Medicine</i> , 2012, 7, 697-712.	0.8	17
1335	Comparative cellular and molecular analyses of pooled bone marrow multipotent mesenchymal stromal cells during continuous passaging and after successive cryopreservation. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3153-3164.	1.2	73
1336	Human Mesenchymal Stem/Stromal Cells Cultured as Spheroids are Self-activated to Produce Prostaglandin E2 that Directs Stimulated Macrophages into an Anti-inflammatory Phenotype. <i>Stem Cells</i> , 2012, 30, 2283-2296.	1.4	348
1337	Therapeutic implications of an enriched cancer stem-like cell population in a human osteosarcoma cell line. <i>BMC Cancer</i> , 2012, 12, 139.	1.1	89
1338	BMP and TGFbeta pathways in human central chondrosarcoma: enhanced endoglin and Smad 1 signaling in high grade tumors. <i>BMC Cancer</i> , 2012, 12, 488.	1.1	38
1339	Mesenchymal stem cells as all-round supporters in a normal and neoplastic microenvironment. <i>Cell Communication and Signaling</i> , 2012, 10, 26.	2.7	111
1340	Validation of analytical methods in GMP: the disposable Fast Read 102Â® device, an alternative practical approach for cell counting. <i>Journal of Translational Medicine</i> , 2012, 10, 112.	1.8	27
1341	Analysis of in vitro secretion profiles from adipose-derived cell populations. <i>Journal of Translational Medicine</i> , 2012, 10, 172.	1.8	125
1342	Comparison of endometrial regenerative cells and bone marrow stromal cells. <i>Journal of Translational Medicine</i> , 2012, 10, 207.	1.8	50

#	ARTICLE	IF	CITATIONS
1343	Impact of passing mesenchymal stem cells through smaller bore size needles for subsequent use in patients for clinical or cosmetic indications. <i>Journal of Translational Medicine</i> , 2012, 10, 229.	1.8	35
1344	The effect of bone marrow microenvironment on the functional properties of the therapeutic bone marrow-derived cells in patients with acute myocardial infarction. <i>Journal of Translational Medicine</i> , 2012, 10, 66.	1.8	26
1345	Comparison of bone marrow and adipose tissue-derived canine mesenchymal stem cells. <i>BMC Veterinary Research</i> , 2012, 8, 150.	0.7	118
1346	Isolation and characterization of ovine mesenchymal stem cells derived from peripheral blood. <i>BMC Veterinary Research</i> , 2012, 8, 169.	0.7	63
1347	Chondrogenic differentiation of human subchondral progenitor cells is affected by synovial fluid from donors with osteoarthritis or rheumatoid arthritis. <i>Journal of Orthopaedic Surgery and Research</i> , 2012, 7, 10.	0.9	33
1348	Role of stem/progenitor cells in reparative disorders. <i>Fibrogenesis and Tissue Repair</i> , 2012, 5, 20.	3.4	27
1349	Perivascular mesenchymal stem cells in the adult human brain: a future target for neuroregeneration?. <i>Clinical and Translational Medicine</i> , 2012, 1, 30.	1.7	41
1350	Hypoxia-Mediated Regulation of Stem Cell Fate. <i>High Altitude Medicine and Biology</i> , 2012, 13, 162-168.	0.5	17
1351	Comparison of stem cell properties of cells isolated from normal and inflamed dental pulps. <i>International Endodontic Journal</i> , 2012, 45, 1080-1090.	2.3	55
1352	Fibrin glue as the cell-delivery vehicle for mesenchymal stromal cells in regenerative medicine. <i>Cytotherapy</i> , 2012, 14, 555-562.	0.3	68
1353	Tissue-Engineered Airway: A Regenerative Solution. <i>Clinical Pharmacology and Therapeutics</i> , 2012, 91, 81-93.	2.3	90
1354	Human <i>versus</i> porcine mesenchymal stromal cells: phenotype, differentiation potential, immunomodulation and cardiac improvement after transplantation. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1827-1839.	1.6	82
1355	Stem cell conditioned medium improves acute lung injury in mice: in vivo evidence for stem cell paracrine action. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L967-L977.	1.3	286
1356	Mesenchymal Stromal Cell Migration: Possibilities to Improve Cellular Therapy. <i>Stem Cells and Development</i> , 2012, 21, 19-29.	1.1	80
1357	Developing assays to address identity, potency, purity and safety: cell characterization in cell therapy process development. <i>Regenerative Medicine</i> , 2012, 7, 85-100.	0.8	94
1358	Therapeutic potential of bone marrow-derived mesenchymal stem cells for cutaneous wound healing. <i>Frontiers in Immunology</i> , 2012, 3, 192.	2.2	84
1359	Decidua Parietalis-Derived Mesenchymal Stromal Cells Reside in a Vascular Niche Within the Chorion. <i>Reproductive Sciences</i> , 2012, 19, 1302-1314.	1.1	33
1360	Modeling sarcomagenesis using multipotent mesenchymal stem cells. <i>Cell Research</i> , 2012, 22, 62-77.	5.7	125

#	ARTICLE	IF	CITATIONS
1361	Therapeutic Applications of Mesenchymal Stromal Cells: Paracrine Effects and Potential Improvements. <i>Tissue Engineering - Part B: Reviews</i> , 2012, 18, 101-115.	2.5	258
1362	Human Umbilical Cord Perivascular Cells Improve Rat Hepatocyte Function Ex Vivo. <i>Tissue Engineering - Part A</i> , 2012, 18, 2487-2496.	1.6	10
1363	Potential for Osteogenic and Chondrogenic Differentiation of MSC. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 129, 73-88.	0.6	25
1364	Immunosuppressive Properties of Mesenchymal Stromal Cells. , 2012, , 281-301.		2
1365	Repair of a Critical-sized Calvarial Defect Model Using Adipose-derived Stromal Cells Harvested from Lipoaspirate. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	17
1366	Current Thoughts on the Therapeutic Potential of Stem Cell. <i>Methods in Molecular Biology</i> , 2012, 879, 3-26.	0.4	5
1367	Mesenchymal Stem Cell Heterogeneity and Ageing In Vitro: A Model Approach. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2012, , 183-205.	0.7	6
1368	Differential effect of allogeneic versus syngeneic mesenchymal stem cell transplantation in MRL/lpr and (NZB/NZW)F1 mice. <i>Clinical Immunology</i> , 2012, 145, 142-152.	1.4	52
1369	Long-term culture optimization of human omentum fat-derived mesenchymal stem cells. <i>Cell Biology International</i> , 2012, 36, 1029-1036.	1.4	7
1370	Igf2bp1 Is Required for Full Induction of Ptgs2 mRNA in Colonic Mesenchymal Stem Cells in Mice. <i>Gastroenterology</i> , 2012, 143, 110-121.e10.	0.6	66
1371	Isolation and characterization of multipotent postnatal stem/progenitor cells from human alveolar bone proper. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2012, 40, 735-742.	0.7	27
1372	A study on mutual interaction between cytokine induced killer cells and umbilical cord-derived mesenchymal cells: Implication for their in-vivo use. <i>Blood Cells, Molecules, and Diseases</i> , 2012, 49, 159-165.	0.6	10
1373	The role of recipient T cells in mesenchymal stem cell-based tissue regeneration. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 2044-2050.	1.2	33
1375	Sarcomas as a mise en abyme of mesenchymal stem cells: Exploiting interrelationships for cell mediated anticancer therapy. <i>Cancer Letters</i> , 2012, 325, 1-10.	3.2	7
1376	Mesenchymal stem cells as therapeutic agents of inflammatory and autoimmune diseases. <i>Current Opinion in Biotechnology</i> , 2012, 23, 978-983.	3.3	48
1377	Development of a novel, physiologically relevant cytotoxicity model: Application to the study of chemotherapeutic damage to mesenchymal stromal cells. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 374-389.	1.3	18
1378	Adipose-derived stromal cells (ASCs). <i>Transfusion and Apheresis Science</i> , 2012, 47, 193-198.	0.5	37
1379	Dental stem cells for craniofacial tissue engineering. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 113, 728-733.	0.2	32

#	ARTICLE	IF	CITATIONS
1380	Derivation and characterization of progenitor stem cells from canine allantois and amniotic fluids at the third trimester of gestation. <i>Placenta</i> , 2012, 33, 640-644.	0.7	32
1381	Impact of hypoxia and long-term cultivation on the genomic stability and mitochondrial performance of ex vivo expanded human stem/stromal cells. <i>Stem Cell Research</i> , 2012, 9, 225-236.	0.3	51
1382	Clinical and pathological effects of intrathecal injection of mesenchymal stem cell-derived neural progenitors in an experimental model of multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2012, 313, 167-177.	0.3	111
1383	Effects of <i>Rehmannia glutinosa</i> oligosaccharide on human adipose-derived mesenchymal stem cells in vitro. <i>Life Sciences</i> , 2012, 91, 1323-1327.	2.0	15
1385	Effects of Bone Marrow Mesenchymal Stem Cells on Cell Proliferation and Growth Factor Expression of Limbal Epithelial Cells in vitro. <i>Ophthalmic Research</i> , 2012, 48, 82-88.	1.0	25
1387	Cryopreservation of umbilical cord mesenchymal cells in xenofree conditions. <i>Cytotherapy</i> , 2012, 14, 694-700.	0.3	39
1388	Mesenchymal Stem Cells and Their Challenges for Bone Regeneration and Osseointegration. <i>Journal of Periodontology</i> , 2012, 83, 547-550.	1.7	28
1389	A Specific Subpopulation of Mesenchymal Stromal Cell Carriers Overrides Melanoma Resistance to an Oncolytic Adenovirus. <i>Stem Cells and Development</i> , 2012, 21, 2689-2702.	1.1	30
1390	Chromosomal characterization of cryopreserved mesenchymal stem cells from the human subendothelium umbilical cord vein. <i>Regenerative Medicine</i> , 2012, 7, 147-157.	0.8	20
1391	Propagation of Human Bone Marrow Stem Cells for Craniofacial Applications. <i>Stem Cells and Cancer Stem Cells</i> , 2012, , 107-122.	0.1	3
1392	Transplantation of mesenchymal stem cells in ALS. <i>Progress in Brain Research</i> , 2012, 201, 333-359.	0.9	32
1393	Impact of Growth Factors on the Proliferation of Ear Mesenchymal Stem Cells on Porous Microcarriers. , 2012, , 161-176.		0
1394	Neural differentiation and support of neuroregeneration of non-neural adult stem cells. <i>Progress in Brain Research</i> , 2012, 201, 17-34.	0.9	9
1395	Characterisation and differentiation potential of bone marrow derived canine mesenchymal stem cells. <i>Veterinary Journal</i> , 2012, 194, 361-368.	0.6	23
1396	Mesenchymal Stem Cell Therapy and Lung Diseases. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 130, 105-129.	0.6	21
1397	Crosstalk between immune cells and mesenchymal stromal cells in a 3D bioreactor system. <i>International Journal of Artificial Organs</i> , 2012, 35, 986-995.	0.7	12
1398	Harnessing the Immunomodulatory and Tissue Repair Properties of Mesenchymal Stem Cells to Restore β Cell Function. <i>Current Diabetes Reports</i> , 2012, 12, 612-622.	1.7	33
1399	Growth Characteristics of Human Adipose-Derived Stem Cells During Long Time Culture Regulated by Cyclin A and Cyclin D1. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2230-2244.	1.4	11

#	ARTICLE	IF	CITATIONS
1400	Effect of Zinc Ions on Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells to Male Germ Cells and Some Germ Cell-Specific Gene Expression in Rams. <i>Biological Trace Element Research</i> , 2012, 150, 137-146.	1.9	30
1401	Transcription Factor Runx2 and its Application to Bone Tissue Engineering. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 891-897.	5.6	114
1402	Human Endometrial-Derived Mesenchymal Stem Cells Suppress Inflammation in the Central Nervous System of EAE Mice. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 940-952.	5.6	56
1403	Fibrin-Embedded Adipose Derived Stem Cells Enhance Skin Flap Survival. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 844-853.	5.6	15
1404	Adipose Derived Stem Cells Protect Skin Flaps Against Ischemia-Reperfusion Injury. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 854-862.	5.6	50
1405	Effect of Anatomical Origin and Cell Passage Number on the Stemness and Osteogenic Differentiation Potential of Canine Adipose-Derived Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 1211-1222.	5.6	64
1406	Immune-Related Antigens, Surface Molecules and Regulatory Factors in Human-Derived Mesenchymal Stromal Cells: The Expression and Impact of Inflammatory Priming. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 1188-1198.	5.6	115
1407	Murine bone marrow stromal cells pulsed with homologous tumor-derived exosomes inhibit proliferation of liver cancer cells. <i>Clinical and Translational Oncology</i> , 2012, 14, 764-773.	1.2	30
1408	DNA Methylation Plasticity of Human Adipose-Derived Stem Cells in Lineage Commitment. <i>American Journal of Pathology</i> , 2012, 181, 2079-2093.	1.9	36
1409	Analysis of the Contribution of Nonresident Progenitor Cells and Hematopoietic Cells to Reparative Dentinogenesis Using Parabiosis Model in Mice. <i>Journal of Endodontics</i> , 2012, 38, 1214-1219.	1.4	18
1410	MicroRNA and Messenger RNA Analyses of Mesenchymal Stem Cells Derived from Teeth and the Wharton Jelly of Umbilical Cord. <i>Stem Cells and Development</i> , 2012, 21, 911-922.	1.1	25
1411	Adipose tissue-derived mesenchymal stem cells: a fat chance of curing kidney disease?. <i>Kidney International</i> , 2012, 82, 731-733.	2.6	16
1413	Systemically delivered insulin-like growth factor-I enhances mesenchymal stem cell-dependent fracture healing. <i>Growth Factors</i> , 2012, 30, 230-241.	0.5	22
1414	Differences in Surface Marker Expression and Chondrogenic Potential among Various Tissue-Derived Mesenchymal Cells from Elderly Patients with Osteoarthritis. <i>Cells Tissues Organs</i> , 2012, 196, 231-40.	1.3	30
1415	Cytogenetic and molecular cytogenetic profile of bone marrow-derived mesenchymal stromal cells in chronic and acute lymphoproliferative disorders. <i>Annals of Hematology</i> , 2012, 91, 1563-1577.	0.8	13
1416	A dose-dependent function of follicular fluid on the proliferation and differentiation of umbilical cord mesenchymal stem cells (MSCs) of goat. <i>Histochemistry and Cell Biology</i> , 2012, 138, 593-603.	0.8	27
1417	Influence of different commercial scaffolds on the in vitro differentiation of human mesenchymal stem cells to nucleus pulposus-like cells. <i>European Spine Journal</i> , 2012, 21, 826-838.	1.0	56
1418	Mesenchymal Stem Cell Therapy for Cutaneous Wounds. <i>Advances in Wound Care</i> , 2012, 1, 166-171.	2.6	51

#	ARTICLE	IF	CITATIONS
1419	Defined Xenogeneic-Free and Hypoxic Environment Provides Superior Conditions for Long-Term Expansion of Human Adipose-Derived Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 593-602.	1.1	37
1420	Random/aligned electrospun PCL/PCL-collagen nanofibrous membranes: comparison of neural differentiation of rat AdMSCs and BMSCs. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 045013.	1.7	34
1421	Umbilical Cord Versus Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2012, 21, 2900-2903.	1.1	37
1422	The effects of chemokine, adhesion and extracellular matrix molecules on binding of mesenchymal stromal cells to poly(l-lactic acid). <i>Cytotherapy</i> , 2012, 14, 1080-1088.	0.3	11
1423	Platelet lysate from whole blood-derived pooled platelet concentrates and apheresis-derived platelet concentrates for the isolation and expansion of human bone marrow mesenchymal stromal cells: production process, content and identification of active components. <i>Cytotherapy</i> , 2012, 14, 540-554.	0.3	246
1424	Trophic Actions of Bone Marrow-Derived Mesenchymal Stromal Cells for Muscle Repair/Regeneration. <i>Cells</i> , 2012, 1, 832-850.	1.8	24
1425	Inflammation and Toll-Like Receptor Ligation Differentially Affect the Osteogenic Potential of Human Mesenchymal Stromal Cells Depending on Their Tissue Origin. <i>Tissue Engineering - Part A</i> , 2012, 18, 1410-1418.	1.6	55
1426	SSEA-4 is a Marker of Human Deciduous Periodontal Ligament Stem Cells. <i>Journal of Dental Research</i> , 2012, 91, 955-960.	2.5	24
1427	Distinct Differentiation Potential of MSC-Derived from Cord Blood and Umbilical Cord: Are Cord-Derived Cells True Mesenchymal Stromal Cells?. <i>Stem Cells and Development</i> , 2012, 21, 1977-1988.	1.1	89
1428	From tendon to nerve: an MSC for all seasons. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 295-306.	0.7	16
1429	Human Platelet Lysate Gel Provides a Novel Three Dimensional-Matrix for Enhanced Culture Expansion of Mesenchymal Stromal Cells. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 924-934.	1.1	42
1430	Surface antigenic profiling of stem cells from human omentum fat in comparison with subcutaneous fat and bone marrow. <i>Cytotechnology</i> , 2012, 64, 497-509.	0.7	20
1431	MSC and Tumors: Homing, Differentiation, and Secretion Influence Therapeutic Potential. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 130, 209-266.	0.6	44
1432	Cell-Based Therapies in Skeletal Muscle Disease. , 2012, , 1053-1063.		0
1433	Potential for Neural Differentiation of Mesenchymal Stem Cells. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 129, 89-115.	0.6	38
1434	Effects of mechanical strain on human mesenchymal stem cells and ligament fibroblasts in a textured poly(l-lactide) scaffold for ligament tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2575-2582.	1.7	35
1435	Cellular Therapy for the Infarcted Myocardium. , 2012, , 341-390.		1
1436	Role of Stem Cells in Neonatal Lung Injury. , 2012, , 197-215.		0

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1437	Advantages and challenges of alternative sources of adult-derived stem cells for brain repair in stroke. <i>Progress in Brain Research</i> , 2012, 201, 99-117.	0.9	29
1438	Monitoring mitochondrial inner membrane potential for detecting early changes in viability of bacterium-infected human bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2012, 3, 53.	2.4	7
1439	From cytogenomic to epigenomic profiles: monitoring the biologic behavior of in vitro cultured human bone marrow mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2012, 3, 47.	2.4	93
1440	Conditionally Immortalized Mouse Embryonic Fibroblasts Retain Proliferative Activity without Compromising Multipotent Differentiation Potential. <i>PLoS ONE</i> , 2012, 7, e32428.	1.1	98
1441	Dasatinib as a Bone-Modifying Agent: Anabolic and Anti-Resorptive Effects. <i>PLoS ONE</i> , 2012, 7, e34914.	1.1	61
1442	The Adult Human Brain Harbors Multipotent Perivascular Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2012, 7, e35577.	1.1	177
1443	RNA-Seq Analysis Reveals Different Dynamics of Differentiation of Human Dermis- and Adipose-Derived Stromal Stem Cells. <i>PLoS ONE</i> , 2012, 7, e38833.	1.1	60
1444	Identification of a Candidate Proteomic Signature to Discriminate Multipotent and Non-Multipotent Stromal Cells. <i>PLoS ONE</i> , 2012, 7, e38954.	1.1	9
1445	A Mesenchymal Stromal Cell Gene Signature for Donor Age. <i>PLoS ONE</i> , 2012, 7, e42908.	1.1	57
1446	Macrophage Migration Inhibitory Factor Inhibits the Migration of Cartilage End Plate-Derived Stem Cells by Reacting with CD74. <i>PLoS ONE</i> , 2012, 7, e43984.	1.1	27
1447	Mesenchymal Stem Cells Repress Th17 Molecular Program through the PD-1 Pathway. <i>PLoS ONE</i> , 2012, 7, e45272.	1.1	161
1448	Myogenic Potential of Whole Bone Marrow Mesenchymal Stem Cells In Vitro and In Vivo for Usage in Urinary Incontinence. <i>PLoS ONE</i> , 2012, 7, e45538.	1.1	40
1449	PEP-1-CAT-Transduced Mesenchymal Stem Cells Acquire an Enhanced Viability and Promote Ischemia-Induced Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e52537.	1.1	16
1450	The biology of equine mesenchymal stem cells: phenotypic characterization, cell surface markers and multilineage differentiation. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 892.	3.0	25
1451	<i>Bone Cell Biology.</i> , 2012, , 1-8.		3
1452	Osteogenic Differentiation of Dental Follicle Stem Cells. <i>International Journal of Medical Sciences</i> , 2012, 9, 480-487.	1.1	65
1453	Crosstalk between Immune Cells and Mesenchymal Stromal Cells in a 3D Bioreactor System. <i>International Journal of Artificial Organs</i> , 2012, 35, 986-995.	0.7	14
1454	Potential Application of Cord Blood-Derived Stromal Cells in Cellular Therapy and Regenerative Medicine. <i>Journal of Blood Transfusion</i> , 2012, 2012, 1-7.	3.3	12

#	ARTICLE	IF	CITATIONS
1455	Mechanisms Underlying the Osteo- and Adipo-Differentiation of Human Mesenchymal Stem Cells. Scientific World Journal, The, 2012, 2012, 1-14.	0.8	105
1456	Highly efficient magnetic targeting of mesenchymal stem cells in spinal cord injury. International Journal of Nanomedicine, 2012, 7, 3719.	3.3	73
1457	MSC transplantation: a promising therapeutic strategy to manage the onset and progression of diabetic nephropathy. Biological Research, 2012, 45, 289-296.	1.5	37
1458	Human Stem Cells and Articular Cartilage Regeneration. Cells, 2012, 1, 994-1009.	1.8	28
1459	Rat Mesenchymal Stromal Cells Inhibit T Cell Proliferation but Not Cytokine Production Through Inducible Nitric Oxide Synthase. Frontiers in Immunology, 2012, 3, 62.	2.2	33
1461	Novel Therapeutic Targets for Sepsis: Regulation of Exaggerated Inflammatory Responses. Journal of Nippon Medical School, 2012, 79, 4-18.	0.3	63
1462	Isolamento e caracterizaç�o de c�lulas-tronco mesenquimais de filtros reutiliz�veis e descart�veis de medula �ssea. Einstein (Sao Paulo, Brazil), 2012, 10, 296-301.	0.3	6
1463	Mesenchymal Stromal Cells and Neural Stem Cells Potential for Neural Repair in Spinal Cord Injury and Human Neurodegenerative Disorders. , 2012, , .		1
1464	Human Skeletal Muscle Stem Cell Antiinflammatory Activity Ameliorates Clinical Outcome in Amyotrophic Lateral Sclerosis Models. Molecular Medicine, 2012, 18, 401-411.	1.9	27
1465	Cell Transplantation: A Possible Alternative to Orthotopic Liver Transplant (OLT). , 2012, , .		0
1466	Micropatterned Coatings for Guided Tissue Regeneration in Dental Implantology. , 2012, , .		4
1467	Toward a More Effective Intravascular Cell Therapy in Stroke. , 0, , .		1
1468	Placental Structure and Biological Aspects of Fetal Membranes Cultured in vitro. , 2012, , .		1
1469	Cell transplantation for spinal cord injury. , 0, , 280-291.		0
1470	Antiproliferative Effects of Local Anesthetics on Mesenchymal Stem Cells. Anesthesiology, 2012, 116, 841-856.	1.3	139
1472	Adipose-derived stem cells: characterization and clinical application. Journal of the Korean Medical Association, 2012, 55, 757.	0.1	3
1473	Stem Cell-Based Cellular Therapy in Rheumatoid Arthritis. , 0, , .		0
1474	Future Perspectives for the Treatment of Neonatal Hypoxic-Ischemic Encephalopathy. , 0, , .		0

#	ARTICLE	IF	CITATIONS
1475	Morphological evaluation during <i>in vitro</i> chondrogenesis of dental pulp stromal cells. Restorative Dentistry & Endodontics, 2012, 37, 34.	0.6	6
1476	Articular Cartilage-Derived Stem Cells: Identification, Characterisation and their Role in Spontaneous Repair. Rheumatology (Sunnyvale, Calif), 2012, 01, .	0.3	4
1477	Mesenchymal dental stem cells in regenerative dentistry. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e1062-e1067.	0.7	70
1478	Mesenchymal stem cells and cardiac regeneration: a sophisticated approach depends on trophic effects” what's left over? Focus on “Activation of Toll-like receptor 3 amplifies mesenchymal stem cell trophic factors and enhances therapeutic potency”. American Journal of Physiology - Cell Physiology, 2012, 303, C1004-C1005.	2.1	3
1479	Inhibition of Platelet-Derived Growth Factor Receptor Signaling Regulates Oct4 and Nanog Expression, Cell Shape, and Mesenchymal Stem Cell Potency. Stem Cells, 2012, 30, 548-560.	1.4	63
1480	Pharmacological Modulation of Human Mesenchymal Stem Cell Chondrogenesis by a Chemically Oversulfated Polysaccharide of Marine Origin: Potential Application to Cartilage Regenerative Medicine. Stem Cells, 2012, 30, 471-480.	1.4	65
1481	Streamlining the generation of an osteogenic graft by 3D culture of unprocessed bone marrow on ceramic scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 103-112.	1.3	12
1482	Human mesenchymal stem cell culture: rapid and efficient isolation and expansion in a defined serum-free medium. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 391-403.	1.3	47
1483	Immortalization of bone marrow-derived porcine mesenchymal stem cells and their differentiation into cells expressing cardiac phenotypic markers. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 655-665.	1.3	6
1484	Effects of resveratrol on enrichment of adipose-derived stem cells and their differentiation to osteoblasts in two- and three-dimensional cultures. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, s34-s46.	1.3	22
1485	Derivation of Mesenchymal Stem Cells from Human Induced Pluripotent Stem Cells Cultured on Synthetic Substrates. Stem Cells, 2012, 30, 1174-1181.	1.4	182
1486	The Antidiabetic Effect of Mesenchymal Stem Cells Is Unrelated to Their Transdifferentiation Potential But to Their Capability to Restore Th1/Th2 Balance and to Modify the Pancreatic Microenvironment. Stem Cells, 2012, 30, 1664-1674.	1.4	138
1487	Regulation of Differentiation Potential of Human Mesenchymal Stem Cells by Intracytoplasmic Delivery of Coactivator-Associated Arginine Methyltransferase 1 Protein Using Cell-Penetrating Peptide. Stem Cells, 2012, 30, 1703-1713.	1.4	25
1488	The Biology and Regenerative Potential of Stem Cells and Their Mesenchymal Progeny. , 2012, , 143-160.		1
1489	Bone Marrow Transplantation Extends Its Scope. Advances in Experimental Medicine and Biology, 2012, 741, 121-134.	0.8	5
1490	Multipotent Mesenchymal Stromal Cells: Clinical Applications and Cancer Modeling. Advances in Experimental Medicine and Biology, 2012, 741, 187-205.	0.8	32
1491	Genetic Modification of Mesenchymal Stem Cells to Overexpress <i>CXCR4</i> and <i>CXCR7</i> Does Not Improve the Homing and Therapeutic Potentials of These Cells in Experimental Acute Kidney Injury. Stem Cells and Development, 2012, 21, 2969-2980.	1.1	45
1492	Macrophages Inhibit Migration, Metabolic Activity and Osteogenic Differentiation of Human Mesenchymal Stem Cells <i>in vitro</i> . Cells Tissues Organs, 2012, 195, 473-483.	1.3	17

#	ARTICLE	IF	CITATIONS
1493	Mesenchymal stromal cells and fibroblasts: a case of mistaken identity?. <i>Cytotherapy</i> , 2012, 14, 516-521.	0.3	137
1494	Suspension Cultures of Bone-Marrow-Derived Mesenchymal Stem Cells: Effects of Donor Age and Glucose Level. <i>Stem Cells and Development</i> , 2012, 21, 2718-2723.	1.1	41
1495	Effect of biologic therapies targeting tumour necrosis factor- α on cutaneous mesenchymal stem cells in psoriasis. <i>British Journal of Dermatology</i> , 2012, 167, 68-76.	1.4	59
1496	Isolation, Culture, and Osteogenic/Chondrogenic Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2012, 879, 203-267.	0.4	37
1497	Stem Cell Sources for Vascular Tissue Engineering and Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2012, 18, 405-425.	2.5	81
1498	Purinergic Receptors Influence the Differentiation of Human Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 884-900.	1.1	113
1499	The pro-metastatic role of bone marrow-derived cells: a focus on MSCs and regulatory T cells. <i>EMBO Reports</i> , 2012, 13, 412-422.	2.0	41
1500	Emerging roles for multipotent, bone marrow-derived stromal cells in host defense. <i>Blood</i> , 2012, 119, 1801-1809.	0.6	98
1501	Multipotent mesenchymal stromal cells and the innate immune system. <i>Nature Reviews Immunology</i> , 2012, 12, 383-396.	10.6	811
1502	Adipose-derived mesenchymal stromal cells from genetically modified pigs: immunogenicity and immune modulatory properties. <i>Cytotherapy</i> , 2012, 14, 494-504.	0.3	28
1503	Cryopreservation of human vascular umbilical cord cells under good manufacturing practice conditions for future cell banks. <i>Journal of Translational Medicine</i> , 2012, 10, 98.	1.8	37
1504	Expansion of Mesenchymal Stem/Stromal Cells under Xenogenic-Free Culture Conditions. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 129, 33-57.	0.6	41
1505	Adipose-Derived Stem Cells Combined with a Demineralized Cancellous Bone Substrate for Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2012, 18, 1313-1321.	1.6	36
1506	Adipose tissue stem cells meet preadipocyte commitment: going back to the future. <i>Journal of Lipid Research</i> , 2012, 53, 227-246.	2.0	339
1507	Clinical applications of mesenchymal stem cells. <i>Journal of Hematology and Oncology</i> , 2012, 5, 19.	6.9	400
1508	Methodology, Biology and Clinical Applications of Human Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2012, 879, 491-504.	0.4	16
1509	Unsaturated fatty acids induce mesenchymal stem cells to increase secretion of angiogenic mediators. <i>Journal of Cellular Physiology</i> , 2012, 227, 3225-3233.	2.0	40
1510	Hematopoietic progenitor constituents and adherent cell progenitor morphology isolated from black-rumped agouti (<i>Dasyprocta prymnolopha</i> , Wagler 1831) bone marrow. <i>Microscopy Research and Technique</i> , 2012, 75, 1376-1382.	1.2	7

#	ARTICLE	IF	CITATIONS
1511	Osteogenic and chondrogenic potential of biomembrane cells from the PMMA segmental defect rat model. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1198-1212.	1.2	30
1512	Effect of age and gender on cell proliferation and cell surface characterization of synovial fat pad derived mesenchymal stem cells. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1013-1018.	1.2	47
1513	Scale-up of MSC under hypoxic conditions for allogeneic transplantation and enhancing bony regeneration in a rabbit calvarial defect model. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1213-1220.	1.2	27
1514	Expression of neural and neurotrophic markers in nucleus pulposus cells isolated from degenerated intervertebral disc. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1470-1477.	1.2	45
1515	CARS and SHG microscopy to follow collagen production in living human corneal fibroblasts and mesenchymal stem cells in fibrin hydrogel 3D cultures. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 675-680.	1.2	29
1516	Artificial Niches: Biomimetic Materials for Hematopoietic Stem Cell Culture. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1432-1438.	2.0	39
1517	Mesenchymal stem cells in the colorectal tumor microenvironment: Recent progress and implications. <i>International Journal of Cancer</i> , 2012, 131, 1-7.	2.3	46
1518	Indirect coating of RGD peptides using a poly-L-lysine spacer enhances jaw periosteal cell adhesion, proliferation, and differentiation into osteogenic tissue. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2034-2044.	2.1	17
1519	Bioactive glass/polymer composite scaffolds mimicking bone tissue. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2654-2667.	2.1	115
1520	Mesenchymal stem cells associated with porous chitosan-gelatin scaffold: A potential strategy for alveolar bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2775-2786.	2.1	39
1521	Efficient transfer of human adipose-derived stem cells by chitosan/gelatin blend films. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1369-1377.	1.6	29
1522	Medical therapies with adult stem/progenitor cells (MSCs): A backward journey from dramatic results in vivo to the cellular and molecular explanations. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1460-1469.	1.2	101
1523	Chemokines Stimulate Bidirectional Migration of Human Mesenchymal Stem Cells Across Bone Marrow Endothelial Cells. <i>Stem Cells and Development</i> , 2012, 21, 476-486.	1.1	66
1524	Mesenchymal Stem Cells for the Treatment of Diabetes. <i>Diabetes</i> , 2012, 61, 1355-1356.	0.3	54
1525	Comparative Analysis of Paracrine Factor Expression in Human Adult Mesenchymal Stem Cells Derived from Bone Marrow, Adipose, and Dermal Tissue. <i>Stem Cells and Development</i> , 2012, 21, 2189-2203.	1.1	347
1526	Human Mesenchymal Stem Cell-Derived Matrices for Enhanced Osteoregeneration. <i>Science Translational Medicine</i> , 2012, 4, 132ra55.	5.8	104
1527	Mitochondrial transfer from bone-marrow-derived stromal cells to pulmonary alveoli protects against acute lung injury. <i>Nature Medicine</i> , 2012, 18, 759-765.	15.2	1,164
1528	Mesenchymal Stem Cell-Based Tumor-Targeted Gene Therapy in Gastrointestinal Cancer. <i>Stem Cells and Development</i> , 2012, 21, 2355-2363.	1.1	45

#	ARTICLE	IF	CITATIONS
1529	Large-scale production of human mesenchymal stem cells for clinical applications. <i>Biotechnology and Applied Biochemistry</i> , 2012, 59, 106-120.	1.4	84
1530	Genetically engineered stem cell-based strategies for articular cartilage regeneration. <i>Biotechnology and Applied Biochemistry</i> , 2012, 59, 121-131.	1.4	11
1531	Isolation and characterization of mesenchymal stem cells from whole human umbilical cord applying a single enzyme approach. <i>Cell Biochemistry and Function</i> , 2012, 30, 643-649.	1.4	36
1532	In search for cross-reactivity to immunophenotype equine mesenchymal stromal cells by multicolor flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 312-323.	1.1	85
1533	Next Generation Nerve Guides: Materials, Fabrication, Growth Factors, and Cell Delivery. <i>Tissue Engineering - Part B: Reviews</i> , 2012, 18, 116-128.	2.5	181
1534	Human extramedullary bone marrow in mice: a novel in vivo model of genetically controlled hematopoietic microenvironment. <i>Blood</i> , 2012, 119, 4971-4980.	0.6	110
1535	Design of Tissue Engineering Implants for Bone Tissue Regeneration of the Basis of New Generation Polylactoglycolide Scaffolds and Multipotent Mesenchymal Stem Cells from Human Exfoliated Deciduous Teeth (SHED Cells). <i>Bulletin of Experimental Biology and Medicine</i> , 2012, 153, 143-147.	0.3	17
1536	Mesenchymal Stem Cells in Hematopoietic Stem Cell Transplantation. , 2012, , 101-115.		3
1537	Mesenchymal Stem Cell Treatment for Ischemic Brain Injury. , 2012, , 73-83.		0
1538	Replicative aging and differentiation potential of human adipose tissue-derived mesenchymal stromal cells expanded in pooled human or fetal bovine serum. <i>Cytotherapy</i> , 2012, 14, 570-583.	0.3	82
1539	Identification and Characterization of Mesenchymal Stem Cells Derived from the Trabecular Meshwork of the Human Eye. <i>Stem Cells and Development</i> , 2012, 21, 1381-1390.	1.1	41
1540	Isolation and Identification of Mesenchymal Stem Cells. , 2012, , 25-32.		3
1541	Introduction to regenerative medicine and tissue engineering. <i>Bio-Medical Materials and Engineering</i> , 2012, 22, 3-16.	0.4	5
1542	Mesenchymal stromal cells (MSCs): science and friction. <i>Journal of Molecular Medicine</i> , 2012, 90, 773-782.	1.7	51
1543	Same or Not the Same? Comparison of Adipose Tissue-Derived Versus Bone Marrow-Derived Mesenchymal Stem and Stromal Cells. <i>Stem Cells and Development</i> , 2012, 21, 2724-2752.	1.1	693
1544	Bone marrow- and subcutaneous adipose tissue-derived mesenchymal stem cells: Differences and similarities. <i>Cell Cycle</i> , 2012, 11, 377-383.	1.3	164
1545	Mesenchymal Stem/Stromal Cells Induce the Generation of Novel IL-10-Dependent Regulatory Dendritic Cells by SOCS3 Activation. <i>Journal of Immunology</i> , 2012, 189, 1182-1192.	0.4	75
1546	Population dynamics of mesenchymal stromal cells during culture expansion. <i>Cytotherapy</i> , 2012, 14, 401-411.	0.3	99

#	ARTICLE	IF	CITATIONS
1547	Glucosamine increases the expression of YKL-40 and osteogenic marker genes in hMSC during osteogenic differentiation. <i>Natural Products and Bioprospecting</i> , 2012, 2, 87-91.	2.0	5
1548	Assessment of the green florescence protein labeling method for tracking implanted mesenchymal stem cells. <i>Cytotechnology</i> , 2012, 64, 391-401.	0.7	23
1549	The emerging role of stem cells in ocular neurodegeneration: hype or hope?. <i>Molecular and Cellular Biochemistry</i> , 2012, 365, 65-76.	1.4	5
1550	Could fetal fluid and membranes be an alternative source for Mesenchymal Stem Cells (MSCs) in the feline species? A preliminary study. <i>Veterinary Research Communications</i> , 2012, 36, 107-118.	0.6	41
1551	Isolation, culture and chondrogenic differentiation of canine adipose tissue- and bone marrow-derived mesenchymal stem cells—a comparative study. <i>Veterinary Research Communications</i> , 2012, 36, 139-148.	0.6	78
1552	Dose-dependent effects of R-sulforaphane isothiocyanate on the biology of human mesenchymal stem cells, at dietary amounts, it promotes cell proliferation and reduces senescence and apoptosis, while at anti-cancer drug doses, it has a cytotoxic effect. <i>Age</i> , 2012, 34, 281-293.	3.0	59
1553	The efficiency of in vitro isolation and myogenic differentiation of MSCs derived from adipose connective tissue, bone marrow, and skeletal muscle tissue. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2012, 48, 203-215.	0.7	59
1554	Human Fallopian Tube Mesenchymal Stromal Cells Enhance Bone Regeneration in a Xenotransplanted Model. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 355-362.	5.6	20
1555	Stable Changes in Mesenchymal Stromal Cells from Multiple Myeloma Patients Revealed through Their Responses to Toll-Like Receptor Ligands and Epidermal Growth Factor. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 343-354.	5.6	8
1556	Exploring the Role of Soluble Factors Associated with Immune Regulatory Properties of Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 329-342.	5.6	84
1557	Immunosuppressive Properties of Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 375-392.	5.6	219
1558	Perspectives on mesenchymal stem cells: Tissue repair, immune modulation, and tumor homing. <i>Archives of Pharmacal Research</i> , 2012, 35, 201-211.	2.7	51
1559	Scaffold-free culture of mesenchymal stem cell spheroids in suspension preserves multilineage potential. <i>Cell and Tissue Research</i> , 2012, 347, 701-711.	1.5	221
1560	Stem cell-based tissue engineering in veterinary orthopaedics. <i>Cell and Tissue Research</i> , 2012, 347, 677-688.	1.5	27
1561	Neural stem cells for spinal cord repair. <i>Cell and Tissue Research</i> , 2012, 349, 349-362.	1.5	53
1562	Study to determine the presence of progenitor cells in the degenerated human cartilage endplates. <i>European Spine Journal</i> , 2012, 21, 613-622.	1.0	32
1563	Human platelet lysate is an alternative to fetal bovine serum for large-scale expansion of bone marrow-derived mesenchymal stromal cells. <i>Biotechnology Letters</i> , 2012, 34, 1367-1374.	1.1	43
1564	Cytoskeletal proteins and stem cell markers gene expression in human bone marrow mesenchymal stromal cells after different periods of simulated microgravity. <i>Acta Astronautica</i> , 2012, 70, 36-42.	1.7	25

#	ARTICLE	IF	CITATIONS
1565	Mesenchymal stem cells in kidney inflammation and repair. <i>Nephrology</i> , 2012, 17, 1-10.	0.7	83
1566	Overexpression of interleukin-6 and -8, cell growth inhibition and morphological changes in 2-hydroxyethyl methacrylate-treated human dental pulp mesenchymal stem cells. <i>International Endodontic Journal</i> , 2012, 45, 19-25.	2.3	21
1567	Periodontal regeneration following implantation of cementum and periodontal ligament-derived cells. <i>Journal of Periodontal Research</i> , 2012, 47, 33-44.	1.4	58
1568	Zebrafish stromal cells have endothelial properties and support hematopoietic cells. <i>Experimental Hematology</i> , 2012, 40, 61-70.e1.	0.2	5
1569	Spontaneous osteogenesis of MSCs cultured on 3D microcarriers through alteration of cytoskeletal tension. <i>Biomaterials</i> , 2012, 33, 556-564.	5.7	72
1570	Modulation of the migration and differentiation potential of adult bone marrow stromal stem cells by nitric oxide. <i>Biomaterials</i> , 2012, 33, 1032-1043.	5.7	24
1571	The potential of human fetal mesenchymal stem cells for off-the-shelf bone tissue engineering application. <i>Biomaterials</i> , 2012, 33, 2656-2672.	5.7	138
1572	Chondrogenic differentiation of rat MSCs on porous scaffolds of silk fibroin/chitosan blends. <i>Biomaterials</i> , 2012, 33, 2848-2857.	5.7	162
1573	Polycaprolactone electrospun mesh conjugated with an MSC affinity peptide for MSC homing in vivo. <i>Biomaterials</i> , 2012, 33, 3375-3387.	5.7	143
1574	Freeform fabricated scaffolds with roughened struts that enhance both stem cell proliferation and differentiation by controlling cell shape. <i>Biomaterials</i> , 2012, 33, 4022-4030.	5.7	121
1575	The use of carbon nanotubes to induce osteogenic differentiation of human adipose-derived MSCs in vitro and ectopic bone formation in vivo. <i>Biomaterials</i> , 2012, 33, 4818-4827.	5.7	250
1576	Electric impedance sensing in cell-substrates for rapid and selective multipotential differentiation capacity monitoring of human mesenchymal stem cells. <i>Biosensors and Bioelectronics</i> , 2012, 34, 63-69.	5.3	57
1577	Human bone marrow mesenchymal stem cells protect catecholaminergic and serotonergic neuronal perikarya and transporter function from oxidative stress by the secretion of glial-derived neurotrophic factor. <i>Brain Research</i> , 2012, 1431, 86-96.	1.1	50
1578	Dopaminergic differentiation of neural progenitors derived from placental mesenchymal stem cells in the brains of Parkinson's disease model rats and alleviation of asymmetric rotational behavior. <i>Brain Research</i> , 2012, 1466, 158-166.	1.1	48
1579	Autologous mesenchymal stem cells for the treatment of secondary progressive multiple sclerosis: an open-label phase 2a proof-of-concept study. <i>Lancet Neurology</i> , The, 2012, 11, 150-156.	4.9	548
1580	Recent progress toward understanding the physiological function of bone marrow mesenchymal stem cells. <i>Immunology</i> , 2012, 136, 133-138.	2.0	43
1581	Interactions between immune system and mesenchymal stem cells in dental pulp and periapical tissues. <i>International Endodontic Journal</i> , 2012, 45, 689-701.	2.3	56
1582	Allogeneic mesenchymal stem cell therapy for refractory cytopenias after hematopoietic stem cell transplantation. <i>Transfusion</i> , 2012, 52, 1086-1091.	0.8	20

#	ARTICLE	IF	CITATIONS
1583	Clinical utility of stem cells for periodontal regeneration. <i>Periodontology</i> 2000, 2012, 59, 203-227.	6.3	187
1584	Vascular Smooth Muscle Cell Apoptosis Promotes Transplant Arteriosclerosis Through Inducing the Production of SDF-1 β . <i>American Journal of Transplantation</i> , 2012, 12, 2029-2043.	2.6	25
1585	Localization of Mesenchymal Stromal Cells Dictates Their Immune or Proinflammatory Effects in Kidney Transplantation. <i>American Journal of Transplantation</i> , 2012, 12, 2373-2383.	2.6	151
1586	Mesenchymal Stromal Cell Therapy and Treatment of Ischaemic Disease. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 110, 483-486.	1.2	1
1587	Multipotent Stromal Cell Therapy for Cavernous Nerve Injury-Induced Erectile Dysfunction. <i>Journal of Sexual Medicine</i> , 2012, 9, 385-403.	0.3	60
1588	A therapeutic role for mesenchymal stem cells in acute lung injury independent of hypoxia-induced mitogenic factor. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 376-385.	1.6	21
1589	Bone marrow mesenchymal stem cells can differentiate and assume corneal keratocyte phenotype. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1114-1124.	1.6	80
1590	Bone marrow mesenchymal stem cells for post-myocardial infarction cardiac repair: microRNAs as novel regulators. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 657-671.	1.6	80
1591	Periodontal regeneration employing gingival margin-derived stem/progenitor cells: an animal study. <i>Journal of Clinical Periodontology</i> , 2012, 39, 861-870.	2.3	79
1592	Characterization and immunosuppressive properties of mesenchymal stem cells from periapical lesions. <i>Journal of Clinical Periodontology</i> , 2012, 39, 807-816.	2.3	40
1593	Comprehensive transcriptome and immunophenotype analysis of renal and cardiac MSC-like populations supports strong congruence with bone marrow MSC despite maintenance of distinct identities. <i>Stem Cell Research</i> , 2012, 8, 58-73.	0.3	107
1594	Isolation of human nasoseptal chondrogenic cells: A promise for cartilage engineering. <i>Stem Cell Research</i> , 2012, 8, 292-299.	0.3	41
1595	Increased proliferation and chemosensitivity of human mesenchymal stromal cells expressing fusion yeast cytosine deaminase. <i>Stem Cell Research</i> , 2012, 8, 247-258.	0.3	20
1596	Protective effect of apelin on cultured rat bone marrow mesenchymal stem cells against apoptosis. <i>Stem Cell Research</i> , 2012, 8, 357-367.	0.3	71
1597	DLK1 (PREF1) is a negative regulator of adipogenesis in CD105 $^{+}$ /CD90 $^{+}$ /CD34 $^{+}$ /CD31 $^{-}$ /FABP4 $^{-}$ adipose-derived stromal cells from subcutaneous abdominal fat pads of adult women. <i>Stem Cell Research</i> , 2012, 9, 35-48.	0.3	68
1598	One-step derivation of cardiomyocytes and mesenchymal stem cells from human pluripotent stem cells. <i>Stem Cell Research</i> , 2012, 9, 87-100.	0.3	81
1599	Synovial fluid CD34 $^{+}$ CD44 $^{+}$ CD90 $^{+}$ mesenchymal stem cell levels are associated with the severity of primary knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 106-109.	0.6	43
1600	Transplantation of hypoxia preconditioned bone marrow mesenchymal stem cells enhances angiogenesis and neurogenesis after cerebral ischemia in rats. <i>Neurobiology of Disease</i> , 2012, 46, 635-645.	2.1	322

#	ARTICLE	IF	CITATIONS
1601	Stiffening of human mesenchymal stem cell spheroid microenvironments induced by incorporation of gelatin microparticles. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 11, 63-71.	1.5	85
1602	Mesenchymal stem cell therapy for heart disease. <i>Vascular Pharmacology</i> , 2012, 57, 48-55.	1.0	137
1603	The significance of the host inflammatory response on the therapeutic efficacy of cell therapies utilising human adult stem cells. <i>Experimental Cell Research</i> , 2012, 318, 361-370.	1.2	4
1604	Stage-specific embryonic antigen-4 identifies human dental pulp stem cells. <i>Experimental Cell Research</i> , 2012, 318, 453-463.	1.2	45
1605	Tumor tissue inhibitor of metalloproteinases-1 (TIMP-1) in hormone-independent breast cancer might originate in stromal cells, and improves stratification of prognosis together with nodal status. <i>Experimental Cell Research</i> , 2012, 318, 1094-1103.	1.2	14
1606	Macrophages and mesenchymal stromal cells support survival and proliferation of multiple myeloma cells. <i>British Journal of Haematology</i> , 2012, 158, 336-346.	1.2	100
1607	Differentiation of umbilical cord mesenchymal stem cells into steroidogenic cells in comparison to bone marrow mesenchymal stem cells. <i>Cell Proliferation</i> , 2012, 45, 101-110.	2.4	48
1608	Regenerative pulmonary medicine: potential and promise, pitfalls and challenges. <i>European Journal of Clinical Investigation</i> , 2012, 42, 900-913.	1.7	21
1609	Phenotypical properties and ability to multilineage differentiation of adipose tissue stromal cells during subculturing. <i>Cytology and Genetics</i> , 2012, 46, 36-40.	0.2	3
1610	Optimisation of mesenchymal stromal cells karyotyping analysis: implications for clinical use. <i>Transfusion Medicine</i> , 2012, 22, 122-127.	0.5	11
1611	Bone marrow mesenchymal stem cells attenuate lung inflammation of hyperoxic newborn rats. <i>Pediatric Transplantation</i> , 2012, 16, 589-598.	0.5	51
1612	Mesenchymal stromal cells for tissue-engineered tissue and organ replacements. <i>Transplant International</i> , 2012, 25, 369-382.	0.8	32
1613	Tissue engineering for pulmonary diseases: Insights from the laboratory. <i>Respirology</i> , 2012, 17, 445-454.	1.3	8
1614	Highly efficient transfer and stable expression of two genes upon lentivirus transduction of mesenchymal stem cells from human bone marrow. <i>Russian Journal of Genetics</i> , 2012, 48, 336-346.	0.2	1
1615	Human umbilical cord Wharton's jelly stem cells and its conditioned medium support hematopoietic stem cell expansion ex vivo. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 658-668.	1.2	72
1616	Hypoxia inhibits the spontaneous calcification of bone marrow-derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1407-1415.	1.2	40
1617	The science of stem cell biobanking: Investing in the future. <i>Journal of Cellular Physiology</i> , 2012, 227, 14-19.	2.0	10
1618	Blood derived stem cells: An ameliorative therapy in veterinary ophthalmology. <i>Journal of Cellular Physiology</i> , 2012, 227, 1250-1256.	2.0	25

#	ARTICLE	IF	CITATIONS
1619	Role of ecto-ATPases on UDP-sensitive P2Y ₆ receptor activation during osteogenic differentiation of primary bone marrow stromal cells from postmenopausal women. <i>Journal of Cellular Physiology</i> , 2012, 227, 2694-2709.	2.0	41
1620	Ultrastructural analysis of human bone marrow mesenchymal stem cells during in vitro osteogenesis and chondrogenesis. <i>Microscopy Research and Technique</i> , 2012, 75, 596-604.	1.2	18
1621	Human peripheral blood derived mesenchymal stem cells demonstrate similar characteristics and chondrogenic differentiation potential to bone marrow derived mesenchymal stem cells. <i>Journal of Orthopaedic Research</i> , 2012, 30, 634-642.	1.2	125
1622	Mesenchymal stromal cell therapy for steroid-refractory acute and chronic graft versus host disease: a phase 1 study. <i>International Journal of Hematology</i> , 2012, 95, 182-188.	0.7	89
1623	Mesenchymal stromal cells for cell therapy: besides supporting hematopoiesis. <i>International Journal of Hematology</i> , 2012, 95, 34-46.	0.7	34
1624	Stem Cell Therapy for Arterial Restenosis: Potential Parameters Contributing to the Success of Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Cardiovascular Drugs and Therapy</i> , 2012, 26, 9-21.	1.3	24
1625	Neuroprotective effects of human mesenchymal stem cells on neural cultures exposed to 6-hydroxydopamine: implications for reparative therapy in Parkinson's disease. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 289-304.	2.2	28
1626	Comparative investigation of the differentiation capability of bone-marrow- and adipose-derived mesenchymal stem cells by qualitative and quantitative analysis. <i>Cell and Tissue Research</i> , 2012, 347, 419-427.	1.5	158
1627	Mesenchymal Stem Cells for Cardiac Therapy: Practical Challenges and Potential Mechanisms. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 254-265.	5.6	77
1628	Human Stromal (Mesenchymal) Stem Cells from Bone Marrow, Adipose Tissue and Skin Exhibit Differences in Molecular Phenotype and Differentiation Potential. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 32-43.	5.6	317
1629	Human Induced Pluripotent Stem Cells Differentiated into Chondrogenic Lineage Via Generation of Mesenchymal Progenitor Cells. <i>Stem Cells and Development</i> , 2013, 22, 102-113.	1.1	89
1630	Optimization of the Cardiovascular Therapeutic Properties of Mesenchymal Stromal/Stem Cells "Taking the Next Step. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 281-302.	5.6	27
1631	In vitro differentiation of bone marrow derived porcine mesenchymal stem cells to endothelial cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 911-920.	1.3	59
1632	Quantification of MSCs involved in wound healing: use of SIS to transfer MSCs to wound site and quantification of MSCs involved in skin wound healing. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 279-291.	1.3	32
1633	Integrin $\alpha 4$ impacts on differential adhesion of preadipocytes and stem cells on synthetic polymers. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 312-323.	1.3	5
1634	Effect of monocytes/macrophages on the early osteogenic differentiation of hBMSCs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 392-400.	1.3	105
1635	Modulation of mesenchymal stem cell actin organization on conventional microcarriers for proliferation and differentiation in stirred bioreactors. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 537-551.	1.3	42
1636	A prospective, non-randomized, no placebo-controlled, phase Ib clinical trial to study the safety of the adipose derived stromal cells-stromal vascular fraction in idiopathic pulmonary fibrosis. <i>Journal of Translational Medicine</i> , 2013, 11, 171.	1.8	209

#	ARTICLE	IF	CITATIONS
1637	Maintenance of stem cell features of cartilage cell sub-populations during in vitro propagation. <i>Journal of Translational Medicine</i> , 2013, 11, 27.	1.8	26
1638	Neural stem cell-like cells derived from autologous bone mesenchymal stem cells for the treatment of patients with cerebral palsy. <i>Journal of Translational Medicine</i> , 2013, 11, 21.	1.8	84
1639	The role of human umbilical cord tissue-derived mesenchymal stromal cells (UCX [®]) in the treatment of inflammatory arthritis. <i>Journal of Translational Medicine</i> , 2013, 11, 18.	1.8	46
1640	Preparation and characteristics of growth and marker properties of urinary bladder mesenchymal stem cells. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2013, 49, 105-116.	0.2	0
1641	Human umbilical cord mesenchymal stem cell-derived neuron-like cells rescue memory deficits and reduce amyloid-beta deposition in an A ² PP/PS1 transgenic mouse model. <i>Stem Cell Research and Therapy</i> , 2013, 4, 76.	2.4	143
1642	Characterization of corneal stromal stem cells with the potential for epithelial transdifferentiation. <i>Stem Cell Research and Therapy</i> , 2013, 4, 75.	2.4	67
1643	Topical administration of orbital fat-derived stem cells promotes corneal tissue regeneration. <i>Stem Cell Research and Therapy</i> , 2013, 4, 72.	2.4	55
1644	Human Wharton's jelly-derived mesenchymal stromal cells reduce renal fibrosis through induction of native and foreign hepatocyte growth factor synthesis in injured tubular epithelial cells. <i>Stem Cell Research and Therapy</i> , 2013, 4, 59.	2.4	73
1645	Infusion of freshly isolated autologous bone marrow derived mononuclear cells prevents endotoxin-induced lung injury in an ex-vivo perfused swine model. <i>Stem Cell Research and Therapy</i> , 2013, 4, 26.	2.4	34
1646	Effects of different serum conditions on osteogenic differentiation of human adipose stem cells in vitro. <i>Stem Cell Research and Therapy</i> , 2013, 4, 17.	2.4	102
1647	High targeted migration of human mesenchymal stem cells grown in hypoxia is associated with enhanced activation of RhoA. <i>Stem Cell Research and Therapy</i> , 2013, 4, 5.	2.4	68
1648	Mesenchymal stem cell transformation and sarcoma genesis. <i>Clinical Sarcoma Research</i> , 2013, 3, 10.	2.3	77
1649	Mesenchymal stem cell-derived secretome and microvesicles as a cell-free therapeutics for neurodegenerative disorders. <i>Tissue Engineering and Regenerative Medicine</i> , 2013, 10, 93-101.	1.6	89
1650	The Duality of Stem Cells: Double-Edged Sword in tumor Evolution and Treatment. , 2013, , 391-433.		3
1651	Development and characterization of poly(μ -caprolactone) hollow fiber membranes for vascular tissue engineering. <i>Journal of Membrane Science</i> , 2013, 438, 29-37.	4.1	29
1652	Effect of substrate stiffness on the osteogenic differentiation of bone marrow stem cells and bone-derived cells. <i>Cell Biology International</i> , 2013, 37, 608-616.	1.4	58
1653	Exploring the mesenchymal stem cell niche using high throughput screening. <i>Biomaterials</i> , 2013, 34, 7601-7615.	5.7	49
1654	The support of bone marrow stromal cell differentiation by airbrushed nanofiber scaffolds. <i>Biomaterials</i> , 2013, 34, 2389-2398.	5.7	142

#	ARTICLE	IF	CITATIONS
1655	Mesenchymal stem cells in joint disease and repair. <i>Nature Reviews Rheumatology</i> , 2013, 9, 584-594.	3.5	344
1656	Immunological Properties of Extraembryonic Human Mesenchymal Stromal Cells Derived from Gestational Tissue. <i>Stem Cells and Development</i> , 2013, 22, 2619-2629.	1.1	65
1657	Mesenchymal Stem Cells Directly Interact with Breast Cancer Cells and Promote Tumor Cell Growth In Vitro and In Vivo. <i>Stem Cells and Development</i> , 2013, 22, 3114-3127.	1.1	117
1658	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. <i>Biochimie</i> , 2013, 95, 2297-2303.	1.3	40
1659	The long and winding road that leads to a cure for epidermolysis bullosa. <i>Regenerative Medicine</i> , 2013, 8, 467-481.	0.8	21
1660	Skeletal Resident Stem Cells. , 2013, , 123-140.		0
1661	An update on clinical regenerative endodontics. <i>Endodontic Topics</i> , 2013, 28, 2-23.	0.5	251
1662	A comparison of tissue-engineered bone from adipose-derived stem cell with autogenous bone repair in maxillary alveolar cleft model in dogs. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2013, 42, 562-568.	0.7	67
1663	Skeletal Muscle Tissue Engineering: Which Cell to Use?. <i>Tissue Engineering - Part B: Reviews</i> , 2013, 19, 503-515.	2.5	58
1664	Comparative Study of Immune Regulatory Properties of Stem Cells Derived from Different Tissues. <i>Stem Cells and Development</i> , 2013, 22, 2990-3002.	1.1	89
1665	Cell Sources for Articular Cartilage Repair Strategies: Shifting from Monocultures to Cocultures. <i>Tissue Engineering - Part B: Reviews</i> , 2013, 19, 31-40.	2.5	65
1666	Polysome profiling shows extensive posttranscriptional regulation during human adipocyte stem cell differentiation into adipocytes. <i>Stem Cell Research</i> , 2013, 11, 902-912.	0.3	46
1667	Osteoblast Biology. , 2013, , 161-207.		2
1668	Insufficient stromal support in MDS results from molecular and functional deficits of mesenchymal stromal cells. <i>Leukemia</i> , 2013, 27, 1841-1851.	3.3	192
1669	Isolation of tumor spheres and mesenchymal stem-like cells from a single primitive neuroectodermal tumor specimen. <i>Child's Nervous System</i> , 2013, 29, 2229-2239.	0.6	14
1670	Early outgrowth cells release soluble endocrine antifibrotic factors that reduce progressive organ fibrosis. <i>Stem Cells</i> , 2013, 31, 2408-2419.	1.4	23
1671	Mesenchymal stem cell therapy in skin: why and what for?. <i>Experimental Dermatology</i> , 2013, 22, 307-310.	1.4	43
1672	MicroRNA expression profiling of human bone marrow mesenchymal stem cells during osteogenic differentiation reveals Osterix regulation by miR-31. <i>Gene</i> , 2013, 527, 321-331.	1.0	168

#	ARTICLE	IF	CITATIONS
1673	Overexpression of β -NGF promotes differentiation of bone marrow mesenchymal stem cells into neurons through regulation of AKT and MAPK pathway. <i>Molecular and Cellular Biochemistry</i> , 2013, 383, 201-211.	1.4	25
1674	Mesenchymal stem cells in the treatment of pediatric diseases. <i>World Journal of Pediatrics</i> , 2013, 9, 197-211.	0.8	20
1675	Foxc2 regulates osteogenesis and angiogenesis of bone marrow mesenchymal stem cells. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 199.	0.8	27
1676	Phenotype, donor age and gender affect function of human bone marrow-derived mesenchymal stromal cells. <i>BMC Medicine</i> , 2013, 11, 146.	2.3	367
1677	Tissue-derived mesenchymal stromal cells used as vehicles for anti-tumor therapy exert different in vivo effects on migration capacity and tumor growth. <i>BMC Medicine</i> , 2013, 11, 139.	2.3	61
1678	Effects of two low-shrinkage composites on dental stem cells (viability, cell damaged or apoptosis) Tj ETQq1 1 0.784314 rgBT /Overlook 979-988.	1.7	27
1679	Impaired cardioprotective function of transplantation of mesenchymal stem cells from patients with diabetes mellitus to rats with experimentally induced myocardial infarction. <i>Cardiovascular Diabetology</i> , 2013, 12, 40.	2.7	44
1680	The secretome of mesenchymal stem cells: Potential implications for neuroregeneration. <i>Biochimie</i> , 2013, 95, 2246-2256.	1.3	100
1681	Comparative analysis of mesenchymal stem cell surface marker expression for human dental mesenchymal stem cells. <i>Regenerative Medicine</i> , 2013, 8, 453-466.	0.8	13
1682	Mesenchymal Stem Cell: Does it Work in an Experimental Model with Acute Respiratory Distress Syndrome?. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 80-92.	5.6	14
1683	CXCR4 transfection of cord blood mesenchymal stromal cells with the use of cationic liposome enhances their migration toward stromal cell-derived factor-1. <i>Cytotherapy</i> , 2013, 15, 840-849.	0.3	38
1684	Bone marrow cells as precursors of the tumor stroma. <i>Experimental Cell Research</i> , 2013, 319, 1650-1656.	1.2	25
1685	Mesenchymal Stem Cells as Cellular Immunotherapeutics in Allogeneic Hematopoietic Stem Cell Transplantation. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013, 130, 131-162.	0.6	3
1686	Extracellular matrix of adipogenically differentiated mesenchymal stem cells reveals a network of collagen filaments, mostly interwoven by hexagonal structural units. <i>Matrix Biology</i> , 2013, 32, 452-465.	1.5	25
1687	Total cell pooling in vitro: an effective isolation method for bone marrow-derived multipotent stromal cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 424-432.	0.7	3
1688	Cell-Based Therapy for the Deficient Urinary Sphincter. <i>Current Urology Reports</i> , 2013, 14, 476-487.	1.0	13
1689	Low Oxygen Tension is Critical for the Culture of Human Mesenchymal Stem Cells with Strong Osteogenic Potential from Haemarthrosis Fluid. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 599-608.	5.6	11
1690	Mesenchymal Stem Cells, Nanofiber Scaffolds and Ocular Surface Reconstruction. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 609-619.	5.6	35

#	ARTICLE	IF	CITATIONS
1691	Wnt Signaling Behaves as a "Master Regulator" in the Osteogenic and Adipogenic Commitment of Human Amniotic Fluid Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 642-654.	5.6	88
1692	Diabetes-associated macrovascular complications: cell-based therapy a new tool?. <i>Endocrine</i> , 2013, 44, 557-575.	1.1	17
1693	Characterization of In Vitro Expanded Bone Marrow-Derived Mesenchymal Stem Cells Isolated from Experimental Autoimmune Encephalomyelitis Mice. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 282-297.	1.1	7
1694	Direct GSK-3 β Inhibition Enhances Mesenchymal Stromal Cell Migration by Increasing Expression of Beta-PIX and CXCR4. <i>Molecular Neurobiology</i> , 2013, 47, 811-820.	1.9	29
1695	Endoglin (CD105) is not a specific selection marker for endothelial cells in human islets of Langerhans. <i>Diabetologia</i> , 2013, 56, 222-224.	2.9	4
1696	Analysis of oxygen-dependent cytokine expression in human mesenchymal stem cells derived from umbilical cord. <i>Cell and Tissue Research</i> , 2013, 353, 117-122.	1.5	20
1697	Unravelling the Pluripotency Paradox in Fetal and Placental Mesenchymal Stem Cells: Oct-4 Expression and the Case of the Emperor's New Clothes. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 408-421.	5.6	28
1698	Adipose stromal/stem cells assist fat transplantation reducing necrosis and increasing graft performance. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1274-1289.	2.2	56
1699	CD73+ adipose-derived mesenchymal stem cells possess higher potential to differentiate into cardiomyocytes in vitro. <i>Journal of Molecular Histology</i> , 2013, 44, 411-422.	1.0	26
1700	Systemically delivered measles virus-infected mesenchymal stem cells can evade host immunity to inhibit liver cancer growth. <i>Journal of Hepatology</i> , 2013, 59, 999-1006.	1.8	79
1701	Heparin concentration is critical for cell culture with human platelet lysate. <i>Cytherapy</i> , 2013, 15, 1174-1181.	0.3	65
1702	Gene expression of stem cells at different stages of ontological human development. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 170, 381-386.	0.5	7
1703	The role of mesenchymal stromal cells in spinal cord injury, regenerative medicine and possible clinical applications. <i>Biochimie</i> , 2013, 95, 2257-2270.	1.3	115
1704	Immunohistochemical localization of mesenchymal stem cells in ossified human spinal ligaments. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 698-704.	1.0	26
1705	Adipose tissue-derived stem cells in clinical applications. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 1357-1370.	1.4	72
1706	Genomagnetic assay for electrochemical detection of osteogenic differentiation in mesenchymal stem cells. <i>Analyst</i> , 2013, 138, 5424.	1.7	20
1707	Grafts Enriched with Subamniotic-Cord-Lining Mesenchymal Stem Cell Angiogenic Spheroids Induce Post-Ischemic Myocardial Revascularization and Preserve Cardiac Function in Failing Rat Hearts. <i>Stem Cells and Development</i> , 2013, 22, 3087-3099.	1.1	25
1708	Functionalized PLGA-doped zirconium oxide ceramics for bone tissue regeneration. <i>Biomedical Microdevices</i> , 2013, 15, 1055-1066.	1.4	15

#	ARTICLE	IF	CITATIONS
1709	Thermoresponsive Substrates used for the Expansion of Human Mesenchymal Stem Cells and the Preservation of Immunophenotype. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 148-157.	5.6	28
1710	Concise review: Bone marrow autotransplants for liver disease?. <i>Stem Cells</i> , 2013, 31, 2313-2329.	1.4	17
1711	Characterization of neuron-like cells derived from canine bone marrow stromal cells. <i>Veterinary Research Communications</i> , 2013, 37, 133-138.	0.6	7
1712	Existence of glioma stroma mesenchymal stemlike cells in Korean glioma specimens. <i>Child's Nervous System</i> , 2013, 29, 549-563.	0.6	26
1713	Toward the use of endometrial and menstrual blood mesenchymal stem cells for cell-based therapies. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 1387-1400.	1.4	111
1714	Senescence bypass in mesenchymal stem cells: a potential pathogenesis and implications of pro-senescence therapy in sarcomas. <i>Expert Review of Anticancer Therapy</i> , 2013, 13, 983-996.	1.1	10
1715	Intratumoral Injection of Human Adipose Tissue-derived Stem Cells Prevents Fibrosis and Is Associated with Improved Erectile Function in a Rat Model of Peyronie's Disease. <i>European Urology</i> , 2013, 63, 551-560.	0.9	145
1716	Mesenchymal stem cell therapy in lung disorders: Pathogenesis of lung diseases and mechanism of action of mesenchymal stem cell. <i>Experimental Lung Research</i> , 2013, 39, 315-327.	0.5	57
1717	The use of laryngeal mucosa mesenchymal stem cells for the repair the vocal fold injury. <i>Biomaterials</i> , 2013, 34, 9026-9035.	5.7	20
1718	Intramyocardial Injection of Autologous Bone Marrow-Derived Ex Vivo Expanded Mesenchymal Stem Cells in Acute Myocardial Infarction Patients is Feasible and Safe up to 5 Years of Follow-up. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 816-825.	1.1	90
1719	Effects of non-thermal atmospheric plasma on human periodontal ligament mesenchymal stem cells. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 345401.	1.3	41
1720	Human mesenchymal progenitor cells derived from alveolar bone and human bone marrow stromal cells: a comparative study. <i>Histochemistry and Cell Biology</i> , 2013, 140, 611-621.	0.8	17
1721	Repairing damaged tendon and muscle: are mesenchymal stem cells and scaffolds the answer?. <i>Regenerative Medicine</i> , 2013, 8, 613-630.	0.8	12
1722	Human mesenchymal stem cells express neuronal markers after osteogenic and adipogenic differentiation. <i>Cellular and Molecular Biology Letters</i> , 2013, 18, 163-86.	2.7	32
1723	Hereditary Hemorrhagic Telangiectasia (Osler-Weber-Rendu Syndrome). , 2013, , 1-18.		2
1724	Secretome of Mesenchymal Stem Cells. , 2013, , 33-46.		4
1725	The critical role of ECM proteins within the human MSC niche in endothelial differentiation. <i>Biomaterials</i> , 2013, 34, 4223-4234.	5.7	40
1726	Manufacturing mesenchymal stromal cells for phase I clinical trials. <i>Cytotherapy</i> , 2013, 15, 416-422.	0.3	49

#	ARTICLE	IF	CITATIONS
1727	Priming mesenchymal stem cells boosts stem cell therapy to treat myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 617-625.	1.6	47
1728	Immunomodulatory effects of stem cells. <i>Periodontology 2000</i> , 2013, 63, 198-216.	6.3	90
1729	The burden of lung disease: The need for stem cell therapyâ€”A review series prologue. <i>Respirology</i> , 2013, 18, 393-396.	1.3	2
1730	Comprehensive characterization of human adipose tissue-derived stem cells expanded in vitro. <i>Biologia (Poland)</i> , 2013, 68, 747-753.	0.8	3
1731	Neurogenic potential of human mesenchymal stem cells isolated from bone marrow, adipose tissue and endometrium: a Comparative study. <i>Cell and Tissue Biology</i> , 2013, 7, 235-244.	0.2	24
1732	Production of erythrocytes from directly isolated or Delta1 Notch ligand expanded CD34+ hematopoietic progenitor cells: process characterization, monitoring and implications for manufacture. <i>Cytotherapy</i> , 2013, 15, 1106-1117.	0.3	14
1733	Over-expression of Mash1 improves the GABAergic differentiation of bone marrow mesenchymal stem cells in vitro. <i>Brain Research Bulletin</i> , 2013, 99, 84-94.	1.4	13
1734	Species variation in the spontaneous calcification of bone marrow-derived mesenchymal stem cells. <i>Cytotherapy</i> , 2013, 15, 323-329.	0.3	21
1735	Multipotent Human Mesenchymal Stromal Cells Mediate Expansion of Myeloid-Derived Suppressor Cells via Hepatocyte Growth Factor/c-Met andÂSTAT3. <i>Stem Cell Reports</i> , 2013, 1, 139-151.	2.3	121
1736	Role of bone marrow-derived stem cells, renal progenitor cells and stem cell factor in chronic renal allograft nephropathy. <i>Alexandria Journal of Medicine</i> , 2013, 49, 235-247.	0.4	0
1737	Assay validation for the assessment of adipogenesis of multipotential stromal cellsâ€”a direct comparison of four different methods. <i>Cytotherapy</i> , 2013, 15, 89-101.	0.3	52
1738	Transplantation of mesenchymal stem cells for the treatment of liver diseases, is there enough evidence?. <i>Stem Cell Research</i> , 2013, 11, 1348-1364.	0.3	138
1739	Bisphenol A at environmentally relevant doses induces cyclooxygenase-2 expression and promotes invasion of human mesenchymal stem cells derived from uterine myoma tissue. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2013, 52, 246-252.	0.5	39
1740	Comparison of human first and third trimester placental mesenchymal stem cell. <i>Cell Biology International</i> , 2013, 37, 242-249.	1.4	23
1741	Higher propensity of Wharton's jelly derived mesenchymal stromal cells towards neuronal lineage in comparison to those derived from adipose and bone marrow. <i>Cell Biology International</i> , 2013, 37, 507-515.	1.4	48
1742	Comparison of the Neural Differentiation Potential of Human Mesenchymal Stem Cells from Amniotic Fluid and Adult Bone Marrow. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 465-475.	1.7	42
1743	Regulation of stem cell therapies under attack in Europe: for whom the bell tolls. <i>EMBO Journal</i> , 2013, 32, 1489-1495.	3.5	79
1744	Mesenchymal stem cell proliferation and differentiation on load-bearing trabecular Nitinol scaffolds. <i>Acta Biomaterialia</i> , 2013, 9, 8440-8448.	4.1	34

#	ARTICLE	IF	CITATIONS
1745	Adipose-derived stem cells in dentistry. <i>Journal of Oral Biosciences</i> , 2013, 55, 122-126.	0.8	2
1746	Three-dimensional printing of stem cell-laden hydrogels submerged in a hydrophobic high-density fluid. <i>Biofabrication</i> , 2013, 5, 015003.	3.7	177
1747	Cell Composition of the Primary Culture of Fetal Liver. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 154, 566-573.	0.3	2
1748	Bone regeneration from mesenchymal stem cells (MSCs) and compact bone-derived MSCs as an animal model. <i>Japanese Dental Science Review</i> , 2013, 49, 35-44.	2.0	13
1749	Combinatorial effects of conception and governor vessel electroacupuncture and human umbilical cord blood-derived mesenchymal stem cells on pathomorphologic lesion and cellular apoptosis in rats with cerebral ischemia/reperfusion. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine</i> , 2013, 33, 779-786.	0.4	6
1750	Human Endometrial Mesenchymal Stem Cells Modulate the Tissue Response and Mechanical Behavior of Polyamide Mesh Implants for Pelvic Organ Prolapse Repair. <i>Tissue Engineering - Part A</i> , 2014, 20, 131121072458005.	1.6	73
1751	Mesenchymal Stromal Cells: Sensors and Switchers of Inflammation. <i>Cell Stem Cell</i> , 2013, 13, 392-402.	5.2	1,150
1752	Hollow fibers of poly(lactide-co-glycolide) and poly(ϵ -caprolactone) blends for vascular tissue engineering applications. <i>Acta Biomaterialia</i> , 2013, 9, 6450-6458.	4.1	58
1753	The anti-inflammatory property of human bone marrow-derived mesenchymal stem/stromal cells is preserved in late-passage cultures. <i>Journal of Neuroimmunology</i> , 2013, 263, 55-63.	1.1	9
1754	Perspectives of Employing Mesenchymal Stem Cells from the Wharton's Jelly of the Umbilical Cord for Peripheral Nerve Repair. <i>International Review of Neurobiology</i> , 2013, 108, 79-120.	0.9	26
1755	3D Culture of Adipose-Tissue-Derived Stem Cells Mainly Leads to Chondrogenesis in Poly(ethylene Terephthalate) Scaffolds. <i>Journal of Biomedical Materials Research Part B: Applied Biomaterials</i> , 2013, 85, 3256-3266.	2.6	83
1756	The emerging use of bone marrow-derived mesenchymal stem cells in the treatment of human chronic wounds. <i>Expert Opinion on Emerging Drugs</i> , 2013, 18, 405-419.	1.0	38
1757	The potential use of mesenchymal stem cells in hematopoietic stem cell transplantation. <i>Experimental and Molecular Medicine</i> , 2013, 45, e2-e2.	3.2	89
1758	MSCs for Enhancement of Hematopoietic Progenitor Cell Engraftment and Poor Graft Function. <i>Journal of Cellular Biochemistry</i> , 2013, 107, 443-454.		0
1759	Mesenchymal stem cells from osteoporotic patients feature impaired signal transduction but sustained osteoinduction in response to BMP-2 stimulation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 617-622.	1.0	56
1760	Comparison of feto-maternal organ derived stem cells in facets of immunophenotype, proliferation and differentiation. <i>Tissue and Cell</i> , 2013, 45, 434-442.	1.0	23
1761	Low Osteogenic Differentiation Potential of Placenta-Derived Mesenchymal Stromal Cells Correlates with Low Expression of the Transcription Factors Runx2 and Twist2. <i>Stem Cells and Development</i> , 2013, 22, 2859-2872.	1.1	42
1762	Effect of transplantation route on stem cell migration to fibrotic liver of rats via cellular magnetic resonance imaging. <i>Cytotherapy</i> , 2013, 15, 1266-1274.	0.3	8

#	ARTICLE	IF	CITATIONS
1763	The effect of erythropoietin on autologous stem cell-mediated bone regeneration. <i>Biomaterials</i> , 2013, 34, 7364-7371.	5.7	50
1764	Evaluation of nano-biphasic calcium phosphate ceramics for bone tissue engineering applications: In vitro and preliminary in vivo studies. <i>Journal of Biomaterials Applications</i> , 2013, 27, 565-575.	1.2	37
1765	Mesenchymal Stem Cells for Diabetes and Related Complications. , 2013, , 207-227.		4
1766	Autotransplantation of mesenchymal stromal cells from bone-marrow to heart in patients with severe stable coronary artery disease and refractory angina – Final 3-year follow-up. <i>International Journal of Cardiology</i> , 2013, 170, 246-251.	0.8	59
1767	Tumor microenvironment: Bone marrow-mesenchymal stem cells as key players. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1836, 321-335.	3.3	141
1768	Mesenchymal stem cell secretome and regenerative therapy after cancer. <i>Biochimie</i> , 2013, 95, 2235-2245.	1.3	150
1769	Bioelectric modulation of wound healing in a 3D in vitro model of tissue-engineered bone. <i>Biomaterials</i> , 2013, 34, 6695-6705.	5.7	68
1770	Mesenchymal Stem Cells: Prospects for Cancer Therapy. , 2013, , 271-286.		1
1771	Odontogenic differentiation of dental pulp-derived stem cells on tricalcium phosphate scaffolds. <i>Journal of Dental Sciences</i> , 2013, 8, 306-313.	1.2	22
1772	Preparation method and growth factor content of platelet concentrate influence the osteogenic differentiation of bone marrow stromal cells. <i>Cytotherapy</i> , 2013, 15, 830-839.	0.3	58
1774	Continuous and Uninterrupted Oxygen Tension Influences the Colony Formation and Oxidative Metabolism of Human Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2013, 19, 68-79.	1.1	109
1775	Serum-converted platelet lysate can substitute for fetal bovine serum in human mesenchymal stromal cell cultures. <i>Cytotherapy</i> , 2013, 15, 1458-1468.	0.3	77
1776	Analysis of Surface Protein Expression in Human Bone Marrow Stromal Cells: New Aspects of Culture-Induced Changes, Inter-Donor Differences and Intracellular Expression. <i>Stem Cells and Development</i> , 2013, 22, 3226-3235.	1.1	19
1777	Tissue factor triggers procoagulation in transplanted mesenchymal stem cells leading to thromboembolism. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 203-209.	1.0	171
1778	Lessons Learned about Human Stem Cell Responses to Ionizing Radiation Exposures: A Long Road Still Ahead of Us. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15695-15723.	1.8	28
1779	Effects of hypoxic culture on bone marrow mesenchymal stem cells: From bench to bedside. <i>Formosan Journal of Surgery</i> , 2013, 46, 35-38.	0.1	4
1780	A comparative analysis of the adipogenic potential in human mesenchymal stromal cells from cord blood and other sources. <i>Cytotherapy</i> , 2013, 15, 76-88.e2.	0.3	38
1781	Injectable Cultured Bone Marrow-Derived Mesenchymal Stem Cells in Varus Knees With Cartilage Defects Undergoing High Tibial Osteotomy: A Prospective, Randomized Controlled Clinical Trial With 2 Years' Follow-up. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 2020-2028.	1.3	311

#	ARTICLE	IF	CITATIONS
1782	Therapeutic Human Cells: Manufacture for Cell Therapy/Regenerative Medicine. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013, 138, 61-97.	0.6	13
1783	The clinical status of cartilage tissue regeneration in humans. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1824-1833.	0.6	158
1784	Adult Stem Cells in Small Animal Wound Healing Models. <i>Methods in Molecular Biology</i> , 2013, 1037, 81-98.	0.4	9
1785	Inferior ectopic bone formation of mesenchymal stromal cells from adipose tissue compared to bone marrow: Rescue by chondrogenic pre-induction. <i>Stem Cell Research</i> , 2013, 11, 1393-1406.	0.3	46
1786	Galactosyl-knock-out engineered pig as a xenogenic donor source of adipose MSCs for bone regeneration. <i>Biomaterials</i> , 2013, 34, 3279-3289.	5.7	16
1787	Mesenchymal stem cells promote leukaemic cells aberrant phenotype from B-cell acute lymphoblastic leukaemia. <i>Hematology/ Oncology and Stem Cell Therapy</i> , 2013, 6, 89-100.	0.6	8
1788	Stem cell enrichment does not warrant a higher graft survival in lipofilling of the breast: A prospective comparative study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013, 66, 1494-1503.	0.5	135
1789	Comparison of 3 Techniques of Fat Grafting and Cell-Supplemented Lipotransfer in Athymic Rats. <i>Aesthetic Surgery Journal</i> , 2013, 33, 713-721.	0.9	84
1790	Controlled cell Adhesion and aCtivity onto TA16V Titanium alloy by grafting of the SURFace: Elaboration of orthopaedic implants capable of preventing joint prosthesis infection. <i>Irbm</i> , 2013, 34, 180-185.	3.7	8
1791	Cytoplasmic-targeted parvalbumin blocks the proliferation of multipotent mesenchymal stromal cells in prophase. <i>Stem Cell Research and Therapy</i> , 2013, 4, 92.	2.4	5
1792	Genetic stability of bone marrow-derived human mesenchymal stromal cells in the Quantum System. <i>Cytotherapy</i> , 2013, 15, 1323-1339.	0.3	50
1793	Concise review: Combining human leukocyte antigen G and mesenchymal stem cells for immunosuppressant biotherapy. <i>Stem Cells</i> , 2013, 31, 2296-2303.	1.4	50
1794	Genomic alterations in human umbilical cordâ€‘derived mesenchymal stromal cells call for stringent quality control before any possible therapeutic approach. <i>Cytotherapy</i> , 2013, 15, 1362-1373.	0.3	21
1795	Adipose-Derived Stem Cells: Isolation, Characterization, and Differentiation Potential. <i>Cell Transplantation</i> , 2013, 22, 701-709.	1.2	105
1796	Behaviour of mesenchymal stem cells from bone marrow of untreated advanced breast and lung cancer patients without bone osteolytic metastasis. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 317-332.	1.7	22
1797	Mesenchymal Stem Cells as Vectors for Lung Cancer Therapy. <i>Respiration</i> , 2013, 85, 443-451.	1.2	27
1798	Effect of human adipose tissueâ€‘derived mesenchymalâ€‘stemâ€‘cell bioactive materials on porcine embryo development. <i>Molecular Reproduction and Development</i> , 2013, 80, 1035-1047.	1.0	19
1799	Insulin-like growth factor binding proteins 4 and 7 released by senescent cells promote premature senescence in mesenchymal stem cells. <i>Cell Death and Disease</i> , 2013, 4, e911-e911.	2.7	158

#	ARTICLE	IF	CITATIONS
1800	Stem-cell therapy for erectile dysfunction. Arab Journal of Urology Arab Association of Urology, 2013, 11, 237-244.	0.7	45
1801	Interleukin-1 beta and tumor necrosis factor alpha inhibit migration activity of chondrogenic progenitor cells from non-fibrillated osteoarthritic cartilage. Arthritis Research and Therapy, 2013, 15, R119.	1.6	81
1802	Identical effects of VEGF and serum-deprivation on phenotype and function of adipose-derived stromal cells from healthy donors and patients with ischemic heart disease. Journal of Translational Medicine, 2013, 11, 219.	1.8	26
1803	Impact of heart failure on the behavior of human neonatal stem cells in vitro. Journal of Translational Medicine, 2013, 11, 236.	1.8	7
1804	Validation of analytical methods in compliance with good manufacturing practice: a practical approach. Journal of Translational Medicine, 2013, 11, 197.	1.8	23
1805	Anti-inflammatory and immunomodulatory mechanisms of mesenchymal stem cell transplantation in experimental traumatic brain injury. Journal of Neuroinflammation, 2013, 10, 106.	3.1	319
1806	Activated platelet-rich plasma improves adipose-derived stem cell transplantation efficiency in injured articular cartilage. Stem Cell Research and Therapy, 2013, 4, 91.	2.4	117
1807	Isolation and multilineage differentiation of bone marrow mesenchymal stem cells from abattoir-derived bovine fetuses. BMC Veterinary Research, 2013, 9, 133.	0.7	36
1808	Different culture media affect growth characteristics, surface marker distribution and chondrogenic differentiation of human bone marrow-derived mesenchymal stromal cells. BMC Musculoskeletal Disorders, 2013, 14, 223.	0.8	73
1809	Isolation method and xeno-free culture conditions influence multipotent differentiation capacity of human Wharton's jelly-derived mesenchymal stem cells. Stem Cell Research and Therapy, 2013, 4, 81.	2.4	75
1810	Exposure assessment and associated lung deposition calculations for vehicular exhaust in four metropolitan cities of Pakistan. Environmental Monitoring and Assessment, 2013, 185, 5265-5276.	1.3	8
1811	Porcine adipose-derived stem cells from buccal fat pad and subcutaneous adipose tissue for future preclinical studies in oral surgery. Stem Cell Research and Therapy, 2013, 4, 148.	2.4	36
1812	Clonal growth, phenotype, and differentiation potential of mesenchymal stromal cells derived from the rat fetal bone. Doklady Biological Sciences, 2013, 453, 394-396.	0.2	0
1813	Prospects of the Use of Mesenchymal and Neuromesenchymal Stem Cells. Neurophysiology, 2013, 45, 477-494.	0.2	4
1814	Leukemia cells induce changes in human bone marrow stromal cells. Journal of Translational Medicine, 2013, 11, 298.	1.8	50
1815	Characterization and spinal fusion effect of rabbit mesenchymal stem cells. BMC Research Notes, 2013, 6, 528.	0.6	18
1817	Differential marker expression by cultures rich in mesenchymal stem cells. BMC Cell Biology, 2013, 14, 54.	3.0	32
1818	The combination of mesenchymal stem cells and a bone scaffold in the treatment of vertebral body defects. European Spine Journal, 2013, 22, 2777-2786.	1.0	23

#	ARTICLE	IF	CITATIONS
1819	In Vivo Ectopic Implantation Model to Assess Human Mesenchymal Progenitor Cell Potential. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 833-846.	5.6	10
1820	Human umbilical cord-derived MSC culture: the replacement of animal sera with human cord blood plasma. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 771-777.	0.7	23
1821	Assessment of umbilical cord tissue as a source of mesenchymal stem cell/endothelial cell mixtures for bone regeneration. <i>Regenerative Medicine</i> , 2013, 8, 569-581.	0.8	21
1823	Human adipose stromal vascular cell delivery in a fibrin spray. <i>Cytotherapy</i> , 2013, 15, 102-108.	0.3	55
1824	Injection of Sca-1+/CD45+/CD31+ mouse bone mesenchymal stromal-like cells improves cardiac function in a mouse myocardial infarct model. <i>Differentiation</i> , 2013, 86, 57-64.	1.0	13
1825	Human mesenchymal stem cells and their paracrine factors for the treatment of brain tumors. <i>Cancer Gene Therapy</i> , 2013, 20, 539-543.	2.2	26
1826	Chick stem cells: Current progress and future prospects. <i>Stem Cell Research</i> , 2013, 11, 1378-1392.	0.3	30
1827	Periodontal tissue regeneration by combined implantation of adipose tissue-derived stem cells and platelet-rich plasma in a canine model. <i>Cytotherapy</i> , 2013, 15, 1517-1526.	0.3	70
1828	New PLGAâ€P188â€PLGA matrix enhances TGF- β 3 release from pharmacologically active microcarriers and promotes chondrogenesis of mesenchymal stem cells. <i>Journal of Controlled Release</i> , 2013, 170, 99-110.	4.8	80
1829	Uncovering the secretes of mesenchymal stem cells. <i>Biochimie</i> , 2013, 95, 2212-2221.	1.3	154
1830	Ultrastructural Assessment of the Differentiation Potential of Human Multipotent Mesenchymal Stromal Cells. <i>Ultrastructural Pathology</i> , 2013, 37, 318-327.	0.4	5
1831	Osteoblastic potency of bone marrow cells cultivated on functionalized biometals with cyclic RGDâ€peptide. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 2905-2914.	2.1	16
1832	Articular cartilage-derived cells hold a strong osteogenic differentiation potential in comparison to mesenchymal stem cells in vitro. <i>Experimental Cell Research</i> , 2013, 319, 2856-2865.	1.2	22
1833	Tissue Engineering and Regenerative Medicine. <i>International Review of Neurobiology</i> , 2013, 108, 1-33.	0.9	107
1834	In Vitro Evidence of the Presence of Mesenchymal Stromal Cells in Cervical Cancer and Their Role in Protecting Cancer Cells from Cytotoxic T Cell Activity. <i>Stem Cells and Development</i> , 2013, 22, 2508-2519.	1.1	43
1835	Enrichment of autologous fat grafts with ex-vivo expanded adipose tissue-derived stem cells for graft survival: a randomised placebo-controlled trial. <i>Lancet, The</i> , 2013, 382, 1113-1120.	6.3	478
1836	Stem Cell Therapy in Osteoarthritis: A Step Too Far?. <i>BioDrugs</i> , 2013, 27, 175-180.	2.2	5
1837	Nucleotides metabolizing ectoenzymes as possible markers of mesenchymal stem cell osteogenic differentiation. <i>Biochemistry and Cell Biology</i> , 2013, 91, 176-181.	0.9	10

#	ARTICLE	IF	CITATIONS
1838	Plasticity and banking potential of cultured adipose tissue derived mesenchymal stem cells. <i>Cell and Tissue Banking</i> , 2013, 14, 303-315.	0.5	15
1839	Growth and spontaneous differentiation of umbilical-cord stromal stem cells on activated carbon cloth. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3359.	2.9	5
1840	FGF $\alpha 2$ addition during expansion of human bone marrow-derived stromal cells alters MSC surface marker distribution and chondrogenic differentiation potential. <i>Cell Proliferation</i> , 2013, 46, 396-407.	2.4	53
1841	Cord Lining-Mesenchymal Stem Cells Graft Supplemented with an Omental Flap Induces Myocardial Revascularization and Ameliorates Cardiac Dysfunction in a Rat Model of Chronic Ischemic Heart Failure. <i>Tissue Engineering - Part A</i> , 2013, 19, 1303-1315.	1.6	28
1842	Routine clonal expansion of mesenchymal stem cells derived from amniotic fluid for perinatal applications. <i>Prenatal Diagnosis</i> , 2013, 33, 921-928.	1.1	34
1843	Potential mesenchymal stem cell therapy for skin diseases. <i>Experimental Dermatology</i> , 2013, 22, 515-516.	1.4	12
1844	TGF $\beta 1$ induces a nucleus pulposus-like phenotype in Notch 1 knockdown rabbit bone marrow mesenchymal stem cells. <i>Cell Biology International</i> , 2013, 37, 820-825.	1.4	19
1845	Can thrombin-activated platelet releasate compensate the age-induced decrease in cell proliferation of MSC?. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1786-1795.	1.2	14
1846	Mesenchymal stem cells and the lung. <i>Respirology</i> , 2013, 18, 397-411.	1.3	93
1847	Immunophenotypic, immunocytochemistry, ultrastructural, and cytogenetic characterization of mesenchymal stem cells from equine bone marrow. <i>Microscopy Research and Technique</i> , 2013, 76, 618-624.	1.2	28
1848	Modulation of physical environment makes placental mesenchymal stromal cells suitable for therapy. <i>Cell Biology International</i> , 2013, 37, 1197-1204.	1.4	10
1849	Mesenchymal stromal cells and kidney transplantation: pretransplant infusion protects from graft dysfunction while fostering immunoregulation. <i>Transplant International</i> , 2013, 26, 867-878.	0.8	148
1850	Enhancing <i>ex vivo</i> expansion of cord blood-derived unrestricted somatic stem cells for clinical applications. <i>Cell Proliferation</i> , 2013, 46, 628-636.	2.4	4
1851	Therapeutic implications of mesenchymal stem cells in acute lung injury/acute respiratory distress syndrome. <i>Stem Cell Research and Therapy</i> , 2013, 4, 45.	2.4	27
1852	Production of mesenchymal stromal/stem cells according to good manufacturing practices: a review. <i>Stem Cell Research and Therapy</i> , 2013, 4, 66.	2.4	132
1853	Multi-therapeutic effects of human adipose-derived mesenchymal stem cells on radiation-induced intestinal injury. <i>Cell Death and Disease</i> , 2013, 4, e685-e685.	2.7	77
1854	Substantial Differences Between Human and Ovine Mesenchymal Stem Cells in Response to Osteogenic Media: How to Explain and How to Manage?. <i>BioResearch Open Access</i> , 2013, 2, 356-363.	2.6	37
1855	The Rise of Cell Therapy Trials for Stroke: Review of Published and Registered Studies. <i>Stem Cells and Development</i> , 2013, 22, 2095-2111.	1.1	68

#	ARTICLE	IF	CITATIONS
1856	Generating CK19-Positive Cells with Hair-Like Structures from Wharton's Jelly Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2013, 22, 18-26.	1.1	12
1857	Human Adipose-Derived Stem Cells for the Treatment of Chemically Burned Rat Cornea: Preliminary Results. <i>Current Eye Research</i> , 2013, 38, 451-463.	0.7	39
1858	mRNA-engineered mesenchymal stem cells for targeted delivery of interleukin-10 to sites of inflammation. <i>Blood</i> , 2013, 122, e23-e32.	0.6	169
1859	Engineering stem cell fate with biochemical and biomechanical properties of microcarriers. <i>Biotechnology Progress</i> , 2013, 29, 1354-1366.	1.3	85
1860	The potential of cell-based therapy in lung diseases. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 1429-1440.	1.4	17
1861	Canine mesenchymal stem cells: state of the art, perspectives as therapy for dogs and as a model for man. <i>Veterinary Quarterly</i> , 2013, 33, 225-233.	3.0	67
1862	The angiogenic properties of mesenchymal stem/stromal cells and their therapeutic potential. <i>British Medical Bulletin</i> , 2013, 108, 25-53.	2.7	227
1863	Transient Proteolytic Modification of Mesenchymal Stromal Cells Increases Lung Clearance Rate and Targeting to Injured Tissue. <i>Stem Cells Translational Medicine</i> , 2013, 2, 510-520.	1.6	34
1864	Mesenchymal Stem Cells Maintain Long-Term <i>In Vitro</i> Stemness During Explant Culture. <i>Tissue Engineering - Part C: Methods</i> , 2013, 19, 937-948.	1.1	60
1865	Dramatic differences in activity of purines metabolizing ecto-enzymes between mesenchymal stem cells isolated from human umbilical cord blood and umbilical cord tissue. <i>Biochemistry and Cell Biology</i> , 2013, 91, 519-525.	0.9	8
1866	Characteristics of stem cells. , 2013, , 1-32.		0
1867	Comparative analysis of protein expression of three stem cell populations: Models of cytokine delivery system in vivo. <i>International Journal of Pharmaceutics</i> , 2013, 440, 72-82.	2.6	42
1868	The effect of adipose tissue derived MSCs delivered by a chemically defined carrier on full-thickness cutaneous wound healing. <i>Biomaterials</i> , 2013, 34, 2501-2515.	5.7	97
1869	Marrow-Derived Stromal Cell Delivery on Fibrin Microbeads Can Correct Radiation-Induced Wound-Healing Deficits. <i>Journal of Investigative Dermatology</i> , 2013, 133, 553-561.	0.3	31
1870	Comparison of human mesenchymal stem cells derived from adipose and cord tissue. <i>Cytotherapy</i> , 2013, 15, 330-343.	0.3	107
1871	CCL5/CCR1 axis regulates multipotency of human adipose tissue derived stromal cells. <i>Stem Cell Research</i> , 2013, 10, 166-178.	0.3	23
1872	Activin Receptor-Like Kinase 5 Inhibition Reverses Impairment of Endothelial Cell Viability by Endogenous Islet Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2013, 31, 547-559.	1.4	7
1873	Exploring the stem cell and non-stem cell constituents of human breast milk. <i>Cytotechnology</i> , 2013, 65, 385-393.	0.7	58

#	ARTICLE	IF	CITATIONS
1874	Umbilical Cord Blood-Derived Mesenchymal Stem Cells Inhibit, But Adipose Tissue-Derived Mesenchymal Stem Cells Promote, Glioblastoma Multiforme Proliferation. <i>Stem Cells and Development</i> , 2013, 22, 1370-1386.	1.1	156
1875	Placenta as a reservoir of stem cells: an underutilized resource?. <i>British Medical Bulletin</i> , 2013, 105, 43-68.	2.7	73
1876	The meaning, the sense and the significance: translating the science of mesenchymal stem cells into medicine. <i>Nature Medicine</i> , 2013, 19, 35-42.	15.2	1,032
1877	Intra-arterial infusion of human bone marrow-derived mesenchymal stem cells results in transient localization in the brain after cerebral ischemia in rats. <i>Experimental Neurology</i> , 2013, 239, 158-162.	2.0	70
1878	Ageing bone marrow mesenchymal stromal cells have altered membrane glycerophospholipid composition and functionality. <i>Journal of Lipid Research</i> , 2013, 54, 622-635.	2.0	59
1879	Identification of an Aptamer Binding to Human Osteogenic-Induced Progenitor Cells. <i>Nucleic Acid Therapeutics</i> , 2013, 23, 44-61.	2.0	29
1880	Good manufacturing practice-compliant animal-free expansion of human bone marrow derived mesenchymal stroma cells in a closed hollow-fiber-based bioreactor. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 325-330.	1.0	70
1881	Mesenchymal stromal/stem cells markers in the human bone marrow. <i>Cytotherapy</i> , 2013, 15, 292-306.	0.3	93
1882	Mesenchymal Stem Cell: Keystone of the Hematopoietic Stem Cell Niche and a Stepping-Stone for Regenerative Medicine. <i>Annual Review of Immunology</i> , 2013, 31, 285-316.	9.5	381
1883	Novel Polypyrrole-Coated Polylactide Scaffolds Enhance Adipose Stem Cell Proliferation and Early Osteogenic Differentiation. <i>Tissue Engineering - Part A</i> , 2013, 19, 882-892.	1.6	85
1884	Mesenchymal Stem Cell-Based Therapy. <i>Molecular Pharmaceutics</i> , 2013, 10, 77-89.	2.3	101
1885	The Biology of Mesenchymal Stem Cells in Health and Disease and Its Relevance to MSC-Based Cell Delivery Therapies. , 2013, , 63-86.		0
1886	Stem Cell Therapy for Bone Disorders. , 2013, , 101-116.		0
1887	Mesenchymal Stromal Cells and the Repair of Cartilage Tissue. , 2013, , 145-160.		0
1888	Mesenchymal Stem Cell Therapy for Heart Disease. , 2013, , 241-270.		7
1889	Advances in Lentiviral Vector-based Cell Therapy with Mesenchymal Stem Cells. , 2013, , 271-320.		0
1890	Optimal Tissue Sources of Mesenchymal Stromal Cells for Clinical Applications. , 2013, , 355-372.		0
1891	Mesenchymal Stromal Cells in the Clinic: What Do the Clinical Trials Say?. , 2013, , 423-433.		0

#	ARTICLE	IF	CITATIONS
1892	Induced Pluripotent Mesenchymal Stromal Cell Clones Retain Donor-derived Differences in DNA Methylation Profiles. <i>Molecular Therapy</i> , 2013, 21, 240-250.	3.7	54
1893	Molecular and Cellular Characterization of Buffalo Bone Marrow-Derived Mesenchymal Stem Cells. <i>Reproduction in Domestic Animals</i> , 2013, 48, 358-367.	0.6	29
1894	Phenotypic and Functional Characterization of Mesenchymal Stem Cells from Chorionic Villi of Human Term Placenta. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 16-31.	5.6	130
1895	Stem cells in autoimmune diseases: Implications for pathogenesis and future trends in therapy. <i>Autoimmunity Reviews</i> , 2013, 12, 709-716.	2.5	51
1896	Improved proteomic profiling of the cell surface of culture-expanded human bone marrow multipotent stromal cells. <i>Journal of Proteomics</i> , 2013, 78, 1-14.	1.2	32
1897	Isolation, culture and characterization of caprine mesenchymal stem cells derived from amniotic fluid. <i>Research in Veterinary Science</i> , 2013, 94, 313-319.	0.9	40
1898	Stem Cell Applications for the Treatment of Gastrointestinal System Diseases. , 2013, , 245-277.		0
1899	Tissue culture of human alveolar periosteal sheets using a stem-cell culture medium (MesenPRO-RS ^â ,c): In vitro expansion of CD146-positive cells and concomitant upregulation of osteogenic potential in vivo. <i>Stem Cell Research</i> , 2013, 10, 1-19.	0.3	27
1900	Concerted Regulation of CD34 and CD105 Accompanies Mesenchymal Stromal Cell Derivation from Human Adventitial Stromal Cell. <i>Stem Cells and Development</i> , 2013, 22, 815-827.	1.1	67
1901	Autologous stem cells in neurology: is there a future?. <i>Journal of Neural Transmission</i> , 2013, 120, 65-73.	1.4	7
1902	Induced pluripotent stem cells for spinal cord injury therapy: current status and perspective. <i>Neurological Sciences</i> , 2013, 34, 11-17.	0.9	15
1903	hMSC Production in Disposable Bioreactors with Regards to GMP and PAT. <i>Chemie-Ingenieur-Technik</i> , 2013, 85, 67-75.	0.4	44
1904	Human mesenchymal stem cells: From immunophenotyping by flow cytometry to clinical applications. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 48-61.	1.1	114
1905	Equine cellular therapy"from stall to bench to bedside?. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 103-113.	1.1	34
1906	Differential secretome analysis of cancer-associated fibroblasts and bone marrow-derived precursors to identify microenvironmental regulators of colon cancer progression. <i>Proteomics</i> , 2013, 13, 379-388.	1.3	85
1907	Study of the Quantitative, Functional, Cytogenetic, and Immunoregulatory Properties of Bone Marrow Mesenchymal Stem Cells in Patients with B-Cell Chronic Lymphocytic Leukemia. <i>Stem Cells and Development</i> , 2013, 22, 1329-1341.	1.1	27
1908	Fetal membranes as a source of stem cells. <i>Advances in Medical Sciences</i> , 2013, 58, 185-195.	0.9	39
1909	Rationale of Mesenchymal Stem Cell Therapy in Kidney Injury. <i>American Journal of Kidney Diseases</i> , 2013, 61, 300-309.	2.1	59

#	ARTICLE	IF	CITATIONS
1910	Tri-lineage potential of intraoral tissue-derived mesenchymal stromal cells. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2013, 41, 110-118.	0.7	9
1911	Mobilization of endogenous stem cell populations enhances fracture healing in a murine femoral fracture model. <i>Cytotherapy</i> , 2013, 15, 1136-1147.	0.3	37
1912	Mesenchymal stromal cells isolated from children with systemic juvenile idiopathic arthritis suppress innate and adaptive immune responses. <i>Cytotherapy</i> , 2013, 15, 280-291.	0.3	21
1913	Potential role of mesenchymal stromal cells in pancreatic islet transplantation. <i>Transplantation Reviews</i> , 2013, 27, 21-29.	1.2	61
1914	Control of three-dimensional substrate stiffness to manipulate mesenchymal stem cell fate toward neuronal or glial lineages. <i>Acta Biomaterialia</i> , 2013, 9, 5170-5180.	4.1	166
1915	TGF β 1 contributes to cardiomyogenic-like differentiation of human bone marrow mesenchymal stem cells. <i>International Journal of Cardiology</i> , 2013, 163, 93-99.	0.8	51
1916	Onset of heterogeneity in culture-expanded bone marrow stromal cells. <i>Stem Cell Research</i> , 2013, 11, 1365-1377.	0.3	78
1917	Improved isolation and expansion of bone marrow mesenchymal stromal cells using a novel marrow filter device. <i>Cytotherapy</i> , 2013, 15, 146-153.	0.3	52
1919	Growth and differentiation characteristics of equine mesenchymal stromal cells derived from different sources. <i>Veterinary Journal</i> , 2013, 195, 98-106.	0.6	98
1920	Predicting the therapeutic efficacy of MSC in bone tissue engineering using the molecular marker CADM1. <i>Biomaterials</i> , 2013, 34, 4592-4601.	5.7	53
1921	The early phase influence of bone marrow concentrate on metaphyseal bone healing. <i>Injury</i> , 2013, 44, 1285-1294.	0.7	19
1922	Diverse functions of secreted frizzled-related proteins in the osteoblastogenesis of human multipotent mesenchymal stromal cells. <i>Biomaterials</i> , 2013, 34, 3270-3278.	5.7	34
1923	Global proteomic signature of undifferentiated human bone marrow stromal cells: Evidence for donor-to-donor proteome heterogeneity. <i>Stem Cell Research</i> , 2013, 11, 793-805.	0.3	47
1924	Fifty-Hertz electromagnetic fields facilitate the induction of rat bone mesenchymal stromal cells to differentiate into functional neurons. <i>Cytotherapy</i> , 2013, 15, 961-970.	0.3	41
1925	Mesenchymal stem cells inhibit cutaneous radiation-induced fibrosis by suppressing chronic inflammation. <i>Stem Cells</i> , 2013, 31, 2231-2241.	1.4	93
1926	Stem Cells, Cell Therapies, and Bioengineering in Lung Biology and Diseases. <i>Comprehensive Review of the Recent Literature 2010-2012</i> . <i>Annals of the American Thoracic Society</i> , 2013, 10, S45-S97.	1.5	48
1927	The European Society for Gene and Cell Therapy and the Spanish Society for Gene and Cell Therapy Collaborative Congress 2013 Conference Abstracts Palacio Municipal de Congresos Madrid, Spain October 25-28, 2013. <i>Human Gene Therapy</i> , 2013, 24, A1-A172.	1.4	2
1928	Mesenchymal stem cells: environmentally responsive therapeutics for regenerative medicine. <i>Experimental and Molecular Medicine</i> , 2013, 45, e54-e54.	3.2	954

#	ARTICLE	IF	CITATIONS
1929	Human Adipose Stem Cells Cell Sheet Constructs Impact Epidermal Morphogenesis in Full-Thickness Excisional Wounds. <i>Biomacromolecules</i> , 2013, 14, 3997-4008.	2.6	88
1930	Alveolar Macrophages Are Critical for the Inhibition of Allergic Asthma by Mesenchymal Stromal Cells. <i>Journal of Immunology</i> , 2013, 191, 5914-5924.	0.4	85
1931	Detrimental dermal wound healing: What can we learn from the oral mucosa?. <i>Wound Repair and Regeneration</i> , 2013, 21, 648-660.	1.5	143
1932	Impact of Timing and Dose of Mesenchymal Stromal Cell Therapy in a Preclinical Model of Acute Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2013, 19, 342-353.	0.7	43
1933	CD34-negative mesenchymal stem-like cells may act as the cellular origin of human aortic valve calcification. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 780-785.	1.0	26
1934	Fetal mesenchymal stromal cells from cryopreserved human chorionic villi: cytogenetic and molecular analysis of genome stability in long-term cultures. <i>Cytotherapy</i> , 2013, 15, 1340-1351.	0.3	33
1935	GMP-adapted overexpression of CXCR4 in human mesenchymal stem cells for cardiac repair. <i>International Journal of Cardiology</i> , 2013, 167, 2073-2081.	0.8	34
1936	Neonatal mesenchymal-like cells adapt to surrounding cells. <i>Stem Cell Research</i> , 2013, 11, 634-646.	0.3	9
1937	Automated microscopy as a quantitative method to measure differences in adipogenic differentiation in preparations of human mesenchymal stromal cells. <i>Cytotherapy</i> , 2013, 15, 1527-1540.	0.3	79
1938	Effect of calcium on the proliferation kinetics of synovium-derived mesenchymal stromal cells. <i>Cytotherapy</i> , 2013, 15, 805-819.	0.3	18
1939	Mesenchymal stromal cells augment CD4+ and CD8+ T-cell proliferation through a CCL2 pathway. <i>Cytotherapy</i> , 2013, 15, 1195-1207.	0.3	35
1940	Human platelet lysate stimulates high-passage and senescent human multipotent mesenchymal stromal cell growth and rejuvenation in vitro. <i>Cytotherapy</i> , 2013, 15, 1469-1483.	0.3	76
1941	Culture expansion induces non-tumorigenic aneuploidy in adipose tissue-derived mesenchymal stromal cells. <i>Cytotherapy</i> , 2013, 15, 1352-1361.	0.3	40
1942	Comparative characterization of STRO-1neg/CD146pos and STRO-1pos/CD146pos apical papilla stem cells enriched with flow cytometry. <i>Archives of Oral Biology</i> , 2013, 58, 1556-1568.	0.8	51
1943	Cardioprotection by placenta-derived stromal cells in a murine myocardial infarction model. <i>Journal of Surgical Research</i> , 2013, 185, 70-83.	0.8	37
1944	Assessing the function of mesenchymal stromal cells: All that glitters is not gold. <i>Veterinary Journal</i> , 2013, 195, 10-11.	0.6	5
1945	Discarded fraction from bone marrow erythrocyte depletion procedure is a good source of multipotent mesenchymal stromal cells. <i>Cytotherapy</i> , 2013, 15, 879-880.	0.3	0
1946	Comparison of Mesenchymal Stem Cells (Osteoprogenitors) Harvested From Proximal Humerus and Distal Femur During Arthroscopic Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 301-308.	1.3	57

#	ARTICLE	IF	CITATIONS
1947	TGF- β 2 signaling in stromal cells acts upstream of FGF-10 to regulate epithelial stem cell growth in the adult lung. <i>Stem Cell Research</i> , 2013, 11, 1222-1233.	0.3	77
1948	Antioxidant effect of human adult adipose-derived stromal stem cells in alveolar epithelial cells undergoing stretch. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 1-8.	0.7	14
1949	Adipogenic potential in human mesenchymal stem cells strictly depends on adult or foetal tissue harvest. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2456-2466.	1.2	37
1950	Lineage mapping and characterization of the native progenitor population in cellular allograft. <i>Spine Journal</i> , 2013, 13, 162-174.	0.6	22
1951	Bone marrow-derived mesenchymal stromal cells from patients with end-stage renal disease are suitable for autologous therapy. <i>Cytotherapy</i> , 2013, 15, 663-672.	0.3	43
1952	Marrow-Derived Mesenchymal Stem Cells Restore Biochemical Markers of Acute Liver Injury in Experimental Model. <i>Transplantation Proceedings</i> , 2013, 45, 480-486.	0.3	12
1953	Cyclic nucleotide phosphodiesterase activity in stem cells of human periodontal ligament (PDL-MSCs) before and after osteogenic induction. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 116, e317-e323.	0.2	4
1954	Mesenchymal stem cells increase collagen infiltration and improve wound healing response to porous titanium percutaneous implants. <i>Medical Engineering and Physics</i> , 2013, 35, 743-753.	0.8	12
1955	Placental Mesenchymal Stem Cells: A Unique Source for Cellular Cardiomyoplasty. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1827-1833.	0.7	16
1956	Genetically engineered bone marrow mesenchymal stem cells improve functional outcome in a rat model of epilepsy. <i>Brain Research</i> , 2013, 1532, 1-13.	1.1	30
1957	Culture and characterisation of equine peripheral blood mesenchymal stromal cells. <i>Veterinary Journal</i> , 2013, 195, 107-113.	0.6	85
1958	Reply from Authors re: Ching-Shwun Lin, Tom F. Lue. Adipose-derived Stem Cells for the Treatment of Peyronie's Disease? <i>Eur Urol</i> 2013;63:561-2. <i>European Urology</i> , 2013, 63, 563-564.	0.9	4
1959	Identification of fibronectin as a major factor in human serum to recruit subchondral mesenchymal progenitor cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1410-1418.	1.2	14
1960	Scleroderma Mesenchymal Stem Cells display a different phenotype from healthy controls; implications for regenerative medicine. <i>Angiogenesis</i> , 2013, 16, 595-607.	3.7	61
1961	Primary progressive multiple sclerosis: progress and challenges. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 1100-1106.	0.9	56
1962	The Therapeutic Potential, Challenges and Future Clinical Directions of Stem Cells from the Wharton's Jelly of the Human Umbilical Cord. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 226-240.	5.6	183
1963	Transplantation-potential-related biological properties of decidua basalis mesenchymal stem cells from maternal human term placenta. <i>Cell and Tissue Research</i> , 2013, 352, 301-312.	1.5	7
1964	Stability of human mesenchymal stem cells during <i>in vitro</i> culture: considerations for cell therapy. <i>Cell Proliferation</i> , 2013, 46, 10-22.	2.4	93

#	ARTICLE	IF	CITATIONS
1965	The role of stromal cells in the persistence of chronic inflammation. <i>Clinical and Experimental Immunology</i> , 2012, 171, 30-35.	1.1	67
1966	Stem cell therapy in veterinary dermatology. <i>Veterinary Dermatology</i> , 2013, 24, 90.	0.4	13
1967	One goal, different strategies – molecular and cellular approaches for the treatment of inherited skin fragility disorders. <i>Experimental Dermatology</i> , 2013, 22, 162-167.	1.4	15
1968	The effect of mesenchymal stem cell shape on the maintenance of multipotency. <i>Biomaterials</i> , 2013, 34, 3962-3969.	5.7	102
1969	Mesenchymal stem cells and their use in therapy: What has been achieved?. <i>Differentiation</i> , 2013, 85, 1-10.	1.0	90
1970	Mesenchymal stem cells for the treatment of cartilage lesions: from preclinical findings to clinical application in orthopaedics. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 1717-1729.	2.3	199
1971	Informing future cartilage repair strategies: a comparative study of three different human cell types for cartilage tissue engineering. <i>Cell and Tissue Research</i> , 2013, 352, 495-507.	1.5	27
1972	Cell Surface Structures Influence Lung Clearance Rate of Systemically Infused Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2013, 31, 317-326.	1.4	103
1973	Periodontal Ligament Stem Cells Possess the Characteristics of Pericytes. <i>Journal of Periodontology</i> , 2013, 84, 1425-1433.	1.7	64
1976	Skin-Derived Mesenchymal Stem Cells: Isolation, Culture, and Characterization. <i>Methods in Molecular Biology</i> , 2013, 989, 275-283.	0.4	28
1979	Characterization of Mesenchymal Stem Cell Subpopulations from Human Amniotic Membrane with Dissimilar Osteoblastic Potential. <i>Stem Cells and Development</i> , 2013, 22, 1275-1287.	1.1	59
1980	Dil Labeling of Human Adipose-Derived Stem Cells: Evaluation of DNA Damage, Toxicity and Functional Impairment. <i>Cells Tissues Organs</i> , 2013, 197, 384-398.	1.3	11
1981	Mesenchymal stromal cells: misconceptions and evolving concepts. <i>Cytotherapy</i> , 2013, 15, 140-145.	0.3	106
1982	Cell proliferation, viability, and in vitro differentiation of equine mesenchymal stem cells seeded on bacterial cellulose hydrogel scaffolds. <i>Materials Science and Engineering C</i> , 2013, 33, 1935-1944.	3.8	95
1983	Adult Multipotent Stromal Cell Technology for Bone Regeneration: A Review. <i>Veterinary Surgery</i> , 2013, 42, 1-11.	0.5	11
1984	What is beyond a qRT-PCR study on mesenchymal stem cell differentiation properties: how to choose the most reliable housekeeping genes. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 168-180.	1.6	128
1985	Stem cells of the lamina propria of human oral mucosa and gingiva develop into mineralized tissues in vivo. <i>Journal of Clinical Periodontology</i> , 2013, 40, 73-81.	2.3	35
1986	Different Sources of Stem Cells for Transplantation Therapy in Stroke. , 2013, , 29-46.		3

#	ARTICLE	IF	CITATIONS
1987	Optimization of human umbilical cord mesenchymal stem cell isolation and culture methods. <i>Cytotechnology</i> , 2013, 65, 819-827.	0.7	82
1988	Adipose-derived stem cells: Fatty potentials for therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1083-1086.	1.2	110
1989	Increased in vivo angiogenic effect of glioma stromal mesenchymal stem-like cells on glioma cancer stem cells from patients with glioblastoma. <i>International Journal of Oncology</i> , 2013, 42, 1754-1762.	1.4	30
1990	Clinical-Grade Mesenchymal Stromal Cells Produced Under Various Good Manufacturing Practice Processes Differ in Their Immunomodulatory Properties: Standardization of Immune Quality Controls. <i>Stem Cells and Development</i> , 2013, 22, 1789-1801.	1.1	186
1991	Reviewing and Updating the Major Molecular Markers for Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 1455-1476.	1.1	148
1992	cGMP Production of MSCs. , 2013, , 317-341.		0
1993	Human MSCs from Bone Marrow, Umbilical Cord Blood, and Adipose Tissue: All the Same?. , 2013, , 193-208.		0
1994	Defining the Potential of MSCs with a Prenatal Large Animal Model. , 2013, , 259-275.		0
1995	Bench-to-Bedside Development of MSC Therapies: A Multidisciplinary Approach. , 2013, , 279-315.		0
1996	MSCs: Clinical Applications and European Regulatory Aspects. , 2013, , 355-364.		1
1997	MSCs: The US Regulatory Perspective. , 2013, , 343-354.		0
1998	Insights into Skeletal Muscle Development and Applications in Regenerative Medicine. <i>International Review of Cell and Molecular Biology</i> , 2013, 300, 51-83.	1.6	14
1999	Molecular characterization of heterogeneous mesenchymal stem cells with single-cell transcriptomes. <i>Biotechnology Advances</i> , 2013, 31, 312-317.	6.0	37
2000	Direct Head-To-Head Comparison of Cationic Liposome-Mediated Gene Delivery to Mesenchymal Stem/Stromal Cells of Different Human Sources: A Comprehensive Study. <i>Human Gene Therapy Methods</i> , 2013, 24, 38-48.	2.1	24
2001	Decreased pool of mesenchymal stem cells is associated with altered chemokines serum levels in atrophic nonunion fractures. <i>Bone</i> , 2013, 53, 391-398.	1.4	49
2002	Mesenchymal stem cells secretome: a new paradigm for central nervous system regeneration?. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3871-3882.	2.4	270
2003	Distinct Immunomodulatory and Migratory Mechanisms Underpin the Therapeutic Potential of Human Mesenchymal Stem Cells in Autoimmune Demyelination. <i>Cell Transplantation</i> , 2013, 22, 1409-1425.	1.2	81
2004	The therapeutic potential of mesenchymal stem cell-derived extracellular vesicles. <i>Proteomics</i> , 2013, 13, 1637-1653.	1.3	332

#	ARTICLE	IF	CITATIONS
2005	Immunological characteristics of human mesenchymal stem cells and multipotent adult progenitor cells. <i>Immunology and Cell Biology</i> , 2013, 91, 32-39.	1.0	190
2006	Prospective biomarkers of stem cells of human endometrium and fallopian tube compared with bone marrow. <i>Cell and Tissue Research</i> , 2013, 352, 537-549.	1.5	20
2007	Eliminating the need of serum testing using low serum culture conditions for human bone marrow-derived mesenchymal stromal cell expansion. <i>BioMedical Engineering OnLine</i> , 2013, 12, 15.	1.3	16
2008	Cultivation in Human Serum Reduces Adipose Tissue-Derived Mesenchymal Stromal Cell Adhesion to Laminin and Endothelium and Reduces Capillary Entrapment. <i>Stem Cells and Development</i> , 2013, 22, 791-803.	1.1	29
2009	Evolution and future prospects of adipose-derived immunomodulatory cell therapeutics. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 175-184.	1.3	41
2010	Differences Between Adipose Tissue-Derived Mesenchymal Stem Cells and Bone Marrow-Derived Mesenchymal Stem Cells as Regulators of the Immune Response. , 2013, , 71-84.		5
2011	Comparative functional cell biological analysis of mesenchymal stem cells of the head and neck region: Potential impact on wound healing, trauma, and infection. <i>Head and Neck</i> , 2013, 35, 1621-1629.	0.9	5
2012	Peripheral blood stem cell transplants do not result in endometrial stromal engraftment. <i>Fertility and Sterility</i> , 2013, 99, 526-532.e2.	0.5	9
2013	Uptake and delivery of antigens by mesenchymal stromal cells. <i>Cytotherapy</i> , 2013, 15, 673-678.	0.3	16
2014	Application of human mesenchymal and pluripotent stem cell microcarrier cultures in cellular therapy: Achievements and future direction. <i>Biotechnology Advances</i> , 2013, 31, 1032-1046.	6.0	246
2015	Average cell viability levels of human dental pulp stem cells: an accurate combinatorial index for quality control in tissue engineering. <i>Cytotherapy</i> , 2013, 15, 507-518.	0.3	15
2016	Isolation of Mesenchymal Stem Cells from Human Bone and Long-Term Cultivation Under Physiologic Oxygen Conditions. <i>Methods in Molecular Biology</i> , 2013, 976, 99-109.	0.4	8
2017	PPAR α governs Wnt signaling and bone turnover. <i>Nature Medicine</i> , 2013, 19, 608-613.	15.2	98
2018	Optimization and Scale-up Culture of Human Endometrial Multipotent Mesenchymal Stromal Cells: Potential for Clinical Application. <i>Tissue Engineering - Part C: Methods</i> , 2013, 19, 80-92.	1.1	62
2019	Mesenchymal stem cell transplantation in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2013, 333, 43-49.	0.3	110
2020	Perspective and challenges of mesenchymal stem cells for cardiovascular regeneration. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 505-517.	0.6	47
2021	Embryonic fibroblasts represent a connecting link between mesenchymal and embryonic stem cells. <i>Development Growth and Differentiation</i> , 2013, 55, 330-340.	0.6	35
2022	Mesenchymal Stem Cell Exosomes: The Future MSC-Based Therapy?. , 2013, , 39-61.		31

#	ARTICLE	IF	CITATIONS
2023	Xenofree Enzymatic Products for the Isolation of Human Adipose-Derived Stromal/Stem Cells. Tissue Engineering - Part C: Methods, 2013, 19, 473-478.	1.1	47
2024	Evaluation of isolation methods and culture conditions for rat bone marrow mesenchymal stem cells. Cytotechnology, 2013, 65, 323-334.	0.7	58
2025	Problems in (nano)medical mechanics. International Journal of Non-Linear Mechanics, 2013, 56, 3-19.	1.4	6
2026	Directing Chondrogenesis of Stem Cells with Specific Blends of Cellulose and Silk. Biomacromolecules, 2013, 14, 1287-1298.	2.6	55
2027	Cell-based approaches to joint surface repair: a research perspective. Osteoarthritis and Cartilage, 2013, 21, 892-900.	0.6	78
2028	Risk of tumorigenicity in mesenchymal stromal cell-based therapies Bridging scientific observations and regulatory viewpoints. Cytotherapy, 2013, 15, 753-759.	0.3	312
2029	Differential microRNA signature of human mesenchymal stem cells from different sources reveals an environmental-niche memory for bone marrow stem cells. Experimental Cell Research, 2013, 319, 1562-1574.	1.2	45
2030	Differentiation within autologous fibrin scaffolds of porcine dermal cells with the mesenchymal stem cell phenotype. Experimental Cell Research, 2013, 319, 144-152.	1.2	30
2031	Human mesenchymal stem cells from the umbilical cord matrix: Successful isolation and ex vivo expansion using serum-free culture media. Biotechnology Journal, 2013, 8, 448-458.	1.8	60
2032	Not All MSCs Can Act as Pericytes: Functional In Vitro Assays to Distinguish Pericytes from Other Mesenchymal Stem Cells in Angiogenesis. Stem Cells and Development, 2013, 22, 2347-2355.	1.1	135
2033	Mass Production of Nanofibrous Extracellular Matrix with Controlled 3D Morphology for Large-Scale Soft Tissue Regeneration. Tissue Engineering - Part C: Methods, 2013, 19, 458-472.	1.1	32
2034	Implications of multipotent mesenchymal stromal cell aging. Regenerative Medicine, 2013, 8, 211-222.	0.8	4
2035	Culture of human mesenchymal stem cells on microcarriers in a 5 l stirred-tank bioreactor. Biotechnology Letters, 2013, 35, 1233-1245.	1.1	160
2036	Development of fully defined xeno-free culture system for the preparation and propagation of cell therapy-compliant human adipose stem cells. Stem Cell Research and Therapy, 2013, 4, 27.	2.4	102
2037	Mesenchymal SCT ameliorates refractory cytopenia in patients with systemic lupus erythematosus. Bone Marrow Transplantation, 2013, 48, 544-550.	1.3	62
2038	Bone-marrow cell therapy induces differentiation of radial glia-like cells and rescues the number of oligodendrocyte progenitors in the subventricular zone after global cerebral ischemia. Stem Cell Research, 2013, 10, 241-256.	0.3	9
2039	Mesenchymal stem cells for systemic therapy: Shotgun approach or magic bullets?. BioEssays, 2013, 35, 173-182.	1.2	26
2041	Endotoxins the Invisible Companion in Biomaterials Research. Tissue Engineering - Part B: Reviews, 2013, 19, 391-402.	2.5	60

#	ARTICLE	IF	CITATIONS
2042	Production of human platelet lysate by use of ultrasound for ex vivo expansion of human bone marrow-derived mesenchymal stromal cells. <i>Cytotherapy</i> , 2013, 15, 920-929.	0.3	52
2043	Human MMSC immunosuppressive activity at low oxygen tension: Direct cell-to-cell contacts and paracrine regulation. <i>Human Physiology</i> , 2013, 39, 136-146.	0.1	10
2044	Stromal cells from the adipose tissue-derived stromal vascular fraction and culture expanded adipose tissue-derived stromal/stem cells: a joint statement of the International Federation for Adipose Therapeutics and Science (IFATS) and the International Society for Cellular Therapy (ISCT). <i>Cytotherapy</i> , 2013, 15, 641-648.	0.3	1,469
2045	The Identification and Characterization of Breast Cancer CTCs Competent for Brain Metastasis. <i>Science Translational Medicine</i> , 2013, 5, 180ra48.	5.8	444
2046	HIF-1 α is upregulated in human mesenchymal stem cells. <i>Stem Cells</i> , 2013, 31, 1902-1909.	1.4	115
2047	A quantitative approach for understanding small-scale human mesenchymal stem cell culture – implications for large-scale bioprocess development. <i>Biotechnology Journal</i> , 2013, 8, 459-471.	1.8	21
2048	The Presence of Local Mesenchymal Progenitor Cells in Human Degenerated Intervertebral Discs and Possibilities to Influence These In Vitro: A Descriptive Study in Humans. <i>Stem Cells and Development</i> , 2013, 22, 804-814.	1.1	83
2049	Chemical warfare agent and biological toxin-induced pulmonary toxicity: could stem cells provide potential therapies?. <i>Inhalation Toxicology</i> , 2013, 25, 37-62.	0.8	9
2050	Adult stem cells for chronic lung diseases. <i>Respirology</i> , 2013, 18, 1041-1046.	1.3	28
2051	Evidence for High Translational Potential of Mesenchymal Stromal Cell Therapy to Improve Recovery from Ischemic Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1322-1334.	2.4	119
2052	Mesenchymal stem cells (MSCs) from scleroderma patients (SSc) preserve their immunomodulatory properties although senescent and normally induce T regulatory cells (Tregs) with a functional phenotype: implications for cellular-based therapy. <i>Clinical and Experimental Immunology</i> , 2013, 173, 195-206.	1.1	59
2053	Mesenchymal stem cells isolated from peripheral blood and umbilical cord Wharton's jelly. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2013, 141, 178-186.	0.1	59
2054	Mesenchymal stem cells in regenerative medicine applied to rheumatic diseases: Role of secretome and exosomes. <i>Biochimie</i> , 2013, 95, 2229-2234.	1.3	214
2055	Characterization of a Stem Cell of Apical Papilla Cell Line: Effect of Passage on Cellular Phenotype. <i>Journal of Endodontics</i> , 2013, 39, 357-363.	1.4	98
2056	The Effect of Donor Variation and Senescence on Endothelial Differentiation of Human Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , 2013, 19, 2318-2329.	1.6	26
2057	Immunological characterization of multipotent mesenchymal stromal cells – The International Society for Cellular Therapy (ISCT) working proposal. <i>Cytotherapy</i> , 2013, 15, 1054-1061.	0.3	364
2058	Multipotent Mesenchymal Stromal Cell Therapy and Risk of Malignancies. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 65-79.	5.6	125
2059	Telomere length analysis of human mesenchymal stem cells by quantitative PCR. <i>Gene</i> , 2013, 519, 348-355.	1.0	47

#	ARTICLE	IF	CITATIONS
2060	Mesenchymal Stromal Cell Characteristics Vary Depending on Their Origin. <i>Stem Cells and Development</i> , 2013, 22, 2606-2618.	1.1	179
2061	Comparative analysis of reference gene stability in human mesenchymal stromal cells during osteogenic differentiation. <i>Biotechnology Progress</i> , 2013, 29, 1034-1042.	1.3	15
2062	Character comparison of abdomenâ€derived and eyelidâ€derived mesenchymal stem cells. <i>Cell Proliferation</i> , 2013, 46, 291-299.	2.4	11
2063	Future Therapies for Progressive Multiple Sclerosis. , 2013, , 221-243.		1
2064	Metformin selectively affects human glioblastoma tumor-initiating cell viability. <i>Cell Cycle</i> , 2013, 12, 145-156.	1.3	154
2065	Chromosomal aberrations and deoxyribonucleic acid single-strand breaks in adipose-derived stem cells during long-term expansion in vitro. <i>Cytotherapy</i> , 2013, 15, 767-781.	0.3	50
2066	Endothelial differentiation of mesenchymal stromal cells: when traditional biology meets mechanotransduction. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 291-299.	0.6	22
2067	Evaluation of Cell Function Upon Nanovector Internalization. <i>Small</i> , 2013, 9, 1696-1702.	5.2	17
2068	Mesenchymal stem cells for the treatment and prevention of graft-versus-host disease: experiments and practice. <i>Annals of Hematology</i> , 2013, 92, 1295-1308.	0.8	65
2069	Regulation of Mesenchymal Stem Cell Differentiation. <i>Advances in Experimental Medicine and Biology</i> , 2013, 786, 213-229.	0.8	74
2070	Liposome Delivery of MicroRNA-145 to Mesenchymal Stem Cells Leads to Immunological Off-target Effects Mediated by RIG-I. <i>Molecular Therapy</i> , 2013, 21, 1169-1181.	3.7	57
2071	Reconstruction of critical-size mandibular defects in immunoincompetent rats with human adipose-derived stromal cells. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2013, 41, 496-503.	0.7	42
2072	Stem Cell Therapy for Erectile Dysfunction: Progress and Future Directions. <i>Sexual Medicine Reviews</i> , 2013, 1, 50-64.	1.5	22
2073	Bioengineering of articular cartilage: past, present and future. <i>Regenerative Medicine</i> , 2013, 8, 333-349.	0.8	30
2074	Transdifferentiation of mesenchymal stem cells-derived adipogenic-differentiated cells into osteogenic- or chondrogenic-differentiated cells proceeds via dedifferentiation and have a correlation with cell cycle arresting and driving genes. <i>Differentiation</i> , 2013, 85, 78-90.	1.0	51
2075	Low ATP level is sufficient to maintain the uncommitted state of multipotent mesenchymal stem cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4418-4425.	1.1	44
2076	Dental Pulp Stem Cells (DPSC). <i>SpringerBriefs in Stem Cells</i> , 2013, , 25-40.	0.1	1
2078	Enhanced Osteogenesis in Cocultures with Human Mesenchymal Stem Cells and Endothelial Cells on Polymeric Microfiber Scaffolds. <i>Tissue Engineering - Part A</i> , 2013, 19, 2565-2576.	1.6	50

#	ARTICLE	IF	CITATIONS
2079	A clinically-feasible protocol for using human platelet lysate and mesenchymal stem cells in regenerative therapies. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2013, 41, 153-161.	0.7	45
2080	The Skeletal Stem Cell. , 2013, , 127-147.		3
2081	GPCRs in Stem Cell Function. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 115, 175-216.	0.9	24
2082	Hematopoietic stem cell transplantation with umbilical cord multipotent stromal cell infusion for the treatment of aplastic anemia—a single-center experience. <i>Cytotherapy</i> , 2013, 15, 1118-1125.	0.3	23
2083	The Potential for Cell-Based Therapy in Perinatal Brain Injuries. <i>Translational Stroke Research</i> , 2013, 4, 137-148.	2.3	38
2084	Stem Cell Therapy: Promising Treatment in Heart Failure?. <i>Current Heart Failure Reports</i> , 2013, 10, 73-80.	1.3	17
2085	Identification of perivascular mesenchymal stromal/stem cells by flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 714-720.	1.1	117
2086	Cell and Gene Transfer Strategies for Vascularization During Skin Wound Healing. , 2013, , 637-695.		3
2087	The stem cell secretome and its role in brain repair. <i>Biochimie</i> , 2013, 95, 2271-2285.	1.3	294
2088	Adipose mesenchymal stem cells protect chondrocytes from degeneration associated with osteoarthritis. <i>Stem Cell Research</i> , 2013, 11, 834-844.	0.3	143
2089	Management of multicellular senescence and oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 936-957.	1.6	69
2090	Quantifying Mesenchymal Stem Cells in the Mononuclear Cell Fraction of Bone Marrow Samples Obtained for Cell Therapy. <i>Transplantation Proceedings</i> , 2013, 45, 434-439.	0.3	99
2091	Characterization of DPSC. <i>SpringerBriefs in Stem Cells</i> , 2013, , 53-64.	0.1	0
2092	Effect of Labeling with Iron Oxide Particles or Nanodiamonds on the Functionality of Adipose-Derived Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2013, 8, e52997.	1.1	52
2093	Mesenchymal stem cell: An efficient mass producer of exosomes for drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 336-341.	6.6	660
2094	Co-transplantation of Islets with Mesenchymal Stem Cells Improves Islet Revascularization and Reversal of Hyperglycemia. , 2013, , 271-282.		0
2095	Silencing of RB1 but not of RB2/P130 induces cellular senescence and impairs the differentiation potential of human mesenchymal stem cells. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1637-1651.	2.4	53
2096	The mesenchymal stromal cells dilemma—does a negative phase III trial of random donor mesenchymal stromal cells in steroid-resistant graft-versus-host disease represent a death knell or a bump in the road?. <i>Cytotherapy</i> , 2013, 15, 2-8.	0.3	369

#	ARTICLE	IF	CITATIONS
2097	Comparison between fibroblasts and mesenchymal stem cells derived from dermal and adipose tissue. <i>International Journal of Cosmetic Science</i> , 2013, 35, 448-457.	1.2	44
2098	Mesenchymal stem cells as an appropriate feeder layer for prolonged in vitro culture of human induced pluripotent stem cells. <i>Molecular Biology Reports</i> , 2013, 40, 3023-3031.	1.0	47
2099	Pooled human platelet lysate versus fetal bovine serum—investigating the proliferation rate, chromosome stability and angiogenic potential of human adipose tissue-derived stem cells intended for clinical use. <i>Cytotherapy</i> , 2013, 15, 1086-1097.	0.3	85
2100	Parameters that influence the isolation of multipotent mesenchymal stromal cells from human umbilical cord blood. <i>Hematology/ Oncology and Stem Cell Therapy</i> , 2013, 6, 1-8.	0.6	23
2101	Nanospiderwebs: Artificial 3D Extracellular Matrix from Nanofibers by Novel Clinical Grade Electrospinning for Stem Cell Delivery. <i>Advanced Healthcare Materials</i> , 2013, 2, 702-717.	3.9	33
2102	Mesenchymal stem cells as tool for antitumor therapy. <i>Molecular Biology</i> , 2013, 47, 45-54.	0.4	2
2103	Effect of isolation methodology on stem cell properties and multilineage differentiation potential of human dental pulp stem cells. <i>Cell and Tissue Research</i> , 2013, 353, 65-78.	1.5	186
2104	Coordinated time-dependent modulation of AMPK/Akt/mTOR signaling and autophagy controls osteogenic differentiation of human mesenchymal stem cells. <i>Bone</i> , 2013, 52, 524-531.	1.4	222
2105	A combination of insulin and ubiquitin A20 promotes osteocalcin expression in adipose-derived stem cells. <i>Biochemistry and Cell Biology</i> , 2013, 91, 513-518.	0.9	3
2106	Mesenchymal Stem Cells from iPS Cells Facilitate Periodontal Regeneration. <i>Journal of Dental Research</i> , 2013, 92, 833-839.	2.5	127
2107	BMP2-loaded nanoporous silica nanoparticles promote osteogenic differentiation of human mesenchymal stem cells. <i>RSC Advances</i> , 2013, 3, 24222.	1.7	50
2108	Isolation of equine multipotent mesenchymal stromal cells by enzymatic tissue digestion or explant technique: comparison of cellular properties. <i>BMC Veterinary Research</i> , 2013, 9, 221.	0.7	32
2109	Mesenchymal stem cells derived from vertebrae (vMSCs) show best biological properties. <i>European Spine Journal</i> , 2013, 22, 979-984.	1.0	16
2110	A comprehensive study on optimization of proliferation and differentiation potency of bone marrow derived mesenchymal stem cells under prolonged culture condition. <i>Cytotechnology</i> , 2013, 65, 187-197.	0.7	29
2111	Intravenous Administration of Human Umbilical Cord Mesenchymal Stem Cells Improves Cognitive Impairments and Reduces Amyloid-Beta Deposition in an Al ² PP/PS1 Transgenic Mouse Model. <i>Neurochemical Research</i> , 2013, 38, 2474-2482.	1.6	15
2112	Progenitor Cells for Ocular Surface Regenerative Therapy. <i>Ophthalmic Research</i> , 2013, 49, 115-121.	1.0	16
2113	PDGFR [±] and CD51 mark human Nestin ⁺ sphere-forming mesenchymal stem cells capable of hematopoietic progenitor cell expansion. <i>Journal of Experimental Medicine</i> , 2013, 210, 1351-1367.	4.2	425
2114	Effects of bone marrow mesenchymal stromal cells on gross motor function measure scores of children with cerebral palsy: a preliminary clinical study. <i>Cytotherapy</i> , 2013, 15, 1549-1562.	0.3	65

#	ARTICLE	IF	CITATIONS
2115	Pleiotropic effects of cancer cellsâ€™ secreted factors on human stromal (mesenchymal) stem cells. <i>Stem Cell Research and Therapy</i> , 2013, 4, 114.	2.4	45
2116	The influence of bone marrow- and synovium-derived mesenchymal stromal cells from osteoarthritis patients on regulatory T cells in co-culture. <i>Clinical and Experimental Immunology</i> , 2013, 173, 454-462.	1.1	20
2117	Human Adipose Stem Cells in Chondrogenic Differentiation Medium without Growth Factors Differentiate Towards Annulus Fibrosus Phenotype In Vitro. <i>Macromolecular Symposia</i> , 2013, 334, 49-56.	0.4	2
2118	In Vivo Identity of Tendon Stem Cells and the Roles of Stem Cells in Tendon Healing. <i>Stem Cells and Development</i> , 2013, 22, 3128-3140.	1.1	76
2119	Endometrial stem cell differentiation into smooth muscle cell: a novel approach for bladder tissue engineering in women. <i>BJU International</i> , 2013, 112, 854-863.	1.3	49
2120	Stem Cells From Umbilical Cord Whartonâ€™s Jelly From Preterm Birth Have Neuroglial Differentiation Potential. <i>Reproductive Sciences</i> , 2013, 20, 1455-1464.	1.1	43
2121	Human adiposeâ€ derived stem cells and threeâ€ dimensional scaffold constructs: A review of the biomaterials and models currently used for bone regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 187-199.	1.6	59
2122	Pluripotent stem cells escape from senescence-associated DNA methylation changes. <i>Genome Research</i> , 2013, 23, 248-259.	2.4	107
2123	Mesenchymal Stem Cells. , 2013, , 513-527.		0
2124	Prospects of Gene Therapy. , 2013, , 133-150.		1
2125	Mesenchymal Stem Cells and the Treatment of Conditions and Diseases: The Less Glittering Side of a Conspicuous Stem Cell for Basic Research. <i>Stem Cells and Development</i> , 2013, 22, 193-203.	1.1	46
2126	Mitochondrial activation by inhibition of PDKII suppresses HIF1a signaling and angiogenesis in cancer. <i>Oncogene</i> , 2013, 32, 1638-1650.	2.6	156
2127	Mesenchymal Stromal Cell Phenotype is not Influenced by Confluence during Culture Expansion. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 44-58.	5.6	19
2128	Vertical Bone Augmentation With Simultaneous Implant Placement Using Particulate Mineralized Bone and Mesenchymal Stem Cells: A Preliminary Study in Rabbit. <i>Journal of Oral Implantology</i> , 2013, 39, 3-13.	0.4	32
2129	Multiparameter flow cytometry for the characterization of human embryonic stem cells. <i>Biotechnology Letters</i> , 2013, 35, 55-65.	1.1	2
2130	Comprehensive Phenotypic Characterization of Human Adipose-Derived Stromal/Stem Cells and Their Subsets by a High Throughput Technology. <i>Stem Cells and Development</i> , 2013, 22, 330-339.	1.1	93
2131	Human mesenchymal stem cells enhance autophagy of lung carcinoma cells against apoptosis during serum deprivation. <i>International Journal of Oncology</i> , 2013, 42, 1390-1398.	1.4	18
2132	Comparative study among three different methods of bone marrow mesenchymal stem cell transplantation following cerebral infarction in rats. <i>Neurological Research</i> , 2013, 35, 212-220.	0.6	23

#	ARTICLE	IF	CITATIONS
2133	Stem Cell Therapy for Heart Failure. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 9, 187.	0.5	25
2134	The effect of mesenchymal stem cell therapy on ischemiaâ€“reperfusion-induced injury of the rat pancreas. <i>Egyptian Journal of Histology</i> , 2013, 36, 253-264.	0.0	2
2135	Bone marrow-derived mesenchymal stem cells protect against cisplatin-induced acute kidney injury in rats by inhibiting cell apoptosis. <i>International Journal of Molecular Medicine</i> , 2013, 32, 1262-1272.	1.8	86
2136	Isolation of mesenchymal stem-like cells in meningioma specimens. <i>International Journal of Oncology</i> , 2013, 43, 1260-1268.	1.4	21
2137	Characterization of the cells in repair tissue following autologous chondrocyte implantation in mankind: a novel report of two cases. <i>Regenerative Medicine</i> , 2013, 8, 699-709.	0.8	9
2138	Safety and efficient <i>ex vivo</i> expansion of stem cells using platelet-rich plasma technology. <i>Therapeutic Delivery</i> , 2013, 4, 1163-1177.	1.2	12
2139	Potentiated therapeutic angiogenesis by primed human mesenchymal stem cells in a mouse model of hindlimb ischemia. <i>Regenerative Medicine</i> , 2013, 8, 283-293.	0.8	36
2140	Exogenously added BMP-6, BMP-7 and VEGF may not enhance the osteogenic differentiation of human adipose stem cells. <i>Growth Factors</i> , 2013, 31, 141-153.	0.5	15
2141	Clonal analysis of multipotent stromal cells derived from CD271+ bone marrow mononuclear cells: functional heterogeneity and different mechanisms of allosuppression. <i>Haematologica</i> , 2013, 98, 1609-1616.	1.7	41
2142	Effect of the HDAC inhibitor vorinostat on the osteogenic differentiation of mesenchymal stem cells in vitro and bone formation in vivo. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 699-709.	2.8	53
2143	Stem Cells and Biological Approaches to Treatment of Wrist Problems. <i>Journal of Wrist Surgery</i> , 2013, 02, 315-318.	0.3	3
2144	Retrovirus-mediated transduction of a cytosine deaminase gene preserves the stemness of mesenchymal stem cells. <i>Experimental and Molecular Medicine</i> , 2013, 45, e10-e10.	3.2	15
2145	Quality control in cell and tissue engineering. , 2013, , 148-165.		3
2146	Parallel geometric classification of stem cells by their three-dimensional morphology. <i>Computational Science & Discovery</i> , 2013, 6, 015007.	1.5	2
2147	Cell-Surface Expression of Neuron-Glial Antigen 2 (NG2) and Melanoma Cell Adhesion Molecule (CD146) in Heterogeneous Cultures of Marrow-Derived Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2013, 19, 2253-2266.	1.6	40
2148	Long-term reparative effects of mesenchymal stem cell therapy following neonatal hyperoxia-induced lung injury. <i>Pediatric Research</i> , 2013, 73, 46-53.	1.1	101
2149	Comparative Analysis of Adipose-Derived Mesenchymal Stem Cells Isolated From Abdominal and Breast Tissue. <i>Aesthetic Surgery Journal</i> , 2013, 33, 888-898.	0.9	32
2150	Human Mesenchymal Stromal Cells: Identifying Assays to Predict Potency for Therapeutic Selection. <i>Stem Cells Translational Medicine</i> , 2013, 2, 151-158.	1.6	60

#	ARTICLE	IF	CITATIONS
2151	Immunoregulatory Properties of Mesenchymal Stem Cells: In Vitro and In Vivo. <i>Pancreatic Islet Biology</i> , 2013, , 29-58.	0.1	0
2152	Mesenchymal Stem Cell Therapy for Cardiac Inflammation: Immunomodulatory Properties and the Influence of Toll-Like Receptors. <i>Mediators of Inflammation</i> , 2013, 2013, 1-13.	1.4	94
2153	Cell Transplantation for Spinal Cord Injury: A Systematic Review. <i>BioMed Research International</i> , 2013, 2013, 1-32.	0.9	104
2154	From Single Nucleotide Polymorphisms to Constant Immunosuppression: Mesenchymal Stem Cell Therapy for Autoimmune Diseases. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	9
2155	Relation of Visceral and Subcutaneous Adipose Tissue to Bone Mineral Density in Chinese Women. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-5.	0.6	32
2156	Comparison of Breast and Abdominal Adipose Tissue Mesenchymal Stromal/Stem Cells in Support of Proliferation of Breast Cancer Cells. <i>Cancer Investigation</i> , 2013, 31, 550-554.	0.6	20
2157	Salient features of mesenchymal stem cellsâ€™ implications for Ewing sarcoma modeling. <i>Frontiers in Oncology</i> , 2013, 3, 24.	1.3	9
2158	Stem Cell Therapy for Lower Extremity Diabetic Ulcers: Where Do We Stand?. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	49
2159	Adipose-derived stromal/stem cells. <i>Organogenesis</i> , 2013, 9, 3-10.	0.4	90
2160	MSC for Ex Vivo Expansion of Umbilical Cord Blood Cells. , 2013, , 485-501.		0
2161	Comparison of Explant-Derived and Enzymatic Digestion-Derived MSCs and the Growth Factors from Whartonâ€™s Jelly. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	67
2162	Defining a role for non-satellite stem cells in the regulation of muscle repair following exercise. <i>Frontiers in Physiology</i> , 2013, 4, 310.	1.3	52
2163	Therapeutic Potential of Mesenchymal Stem Cells in Regenerative Medicine. <i>Stem Cells International</i> , 2013, 2013, 1-15.	1.2	178
2164	Late Adherent Human Bone Marrow Stromal Cells Form Bone and Restore the Hematopoietic Microenvironment <i>In Vivo</i> . <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	4
2165	Effect of Ex Vivo Culture Conditions on Immunosuppression by Human Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	13
2166	β -Tricalcium Phosphate Micron Particles Enhance Calcification of Human Mesenchymal Stem Cells <i>In Vitro</i> . <i>Journal of Nanomaterials</i> , 2013, 2013, 1-13.	1.5	12
2167	Comparative Analysis of Human Mesenchymal Stem Cells from Bone Marrow, Adipose Tissue, and Umbilical Cord Blood as Sources of Cell Therapy. <i>International Journal of Molecular Sciences</i> , 2013, 14, 17986-18001.	1.8	504
2168	The Necessity of a Systematic Approach for the Use of MSCs in the Clinical Setting. <i>Stem Cells International</i> , 2013, 2013, 1-10.	1.2	17

#	ARTICLE	IF	CITATIONS
2169	Immunomodulatory Effects of Adipose-Derived Stem Cells: Fact or Fiction?. BioMed Research International, 2013, 2013, 1-8.	0.9	89
2170	Age-related changes in the features of porcine adult stem cells isolated from adipose tissue and skeletal muscle. American Journal of Physiology - Cell Physiology, 2013, 305, C728-C738.	2.1	21
2171	The Posterior Iliac Crest Outperforms the Anterior Iliac Crest When Obtaining Mesenchymal Stem Cells from Bone Marrow. Journal of Bone and Joint Surgery - Series A, 2013, 95, 1101-1107.	1.4	84
2172	Isolation, Characterization, and Transduction of Endometrial Decidual Tissue Multipotent Mesenchymal Stromal/Stem Cells from Menstrual Blood. BioMed Research International, 2013, 2013, 1-14.	0.9	80
2173	Intravenous and Intratracheal Mesenchymal Stromal Cell Injection in a Mouse Model of Pulmonary Emphysema. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 11, 131202132152003.	0.7	35
2174	Mesenchymal stem cells derived from breast cancer tissue promote the proliferation and migration of the MCF-7 cell line in vitro. Oncology Letters, 2013, 6, 1577-1582.	0.8	34
2175	Adipose Tissue-Derived Multipotent Stromal Cells Have a Higher Immunomodulatory Capacity Than Their Bone Marrow-Derived Counterparts. Stem Cells Translational Medicine, 2013, 2, 455-463.	1.6	345
2176	Stem Cell Transplantation for Neuroprotection in Stroke. Brain Sciences, 2013, 3, 239-261.	1.1	39
2177	Adipose Derived Stem Cells Characterization from Human Lipoaspirate: A Comparative Study. Journal of Biomimetics, Biomaterials, and Tissue Engineering, 0, 18, 73-83.	0.7	2
2178	Enhancing the Migration Ability of Mesenchymal Stromal Cells by Targeting the SDF-1/CXCR4 Axis. BioMed Research International, 2013, 2013, 1-15.	0.9	240
2179	Metabolic glycoengineering of mesenchymal stromal cells with N-propanoylmannosamine. Glycobiology, 2013, 23, 1004-1012.	1.3	18
2180	Wnt3a Reestablishes Osteogenic Capacity to Bone Grafts from Aged Animals. Journal of Bone and Joint Surgery - Series A, 2013, 95, 1278-1288.	1.4	52
2181	The application of an in situ karyotyping technique for mesenchymal stromal cells: a validation and comparison study with classical G-banding. Experimental and Molecular Medicine, 2013, 45, e68-e68.	3.2	12
2182	Isolation and Characterization of Human Mesenchymal Stem Cells Derived From Shoulder Tissues Involved in Rotator Cuff Tears. American Journal of Sports Medicine, 2013, 41, 657-668.	1.9	110
2183	The Effect of Lipoaspirates Cryopreservation on Adipose-Derived Stem Cells. Aesthetic Surgery Journal, 2013, 33, 1046-1055.	0.9	18
2184	Biological Characteristics of Dental Stem Cells for Tissue Engineering. Key Engineering Materials, 2013, 541, 51-59.	0.4	4
2185	RECENT DEVELOPMENTS IN THERAPIES WITH STEM CELLS FROM AMNIOTIC FLUID AND PLACENTA. Fetal and Maternal Medicine Review, 2013, 24, 148-168.	0.3	3
2186	Elucidating Multiscale Periosteal Mechanobiology: A Key to Unlocking the Smart Properties and Regenerative Capacity of the Periosteum?. Tissue Engineering - Part B: Reviews, 2013, 19, 147-159.	2.5	63

#	ARTICLE	IF	CITATIONS
2187	A Perspective on Mesenchymal Stromal Cell Transplantation in the Treatment of Sepsis. Shock, 2013, 40, 352-357.	1.0	43
2188	Generation of mesenchymal stem cells as a medicinal product in organ transplantation. Current Opinion in Organ Transplantation, 2013, 18, 65-70.	0.8	15
2189	Generation of a human bone marrow-derived mesenchymal stem cell line expressing and secreting high levels of bioactive α -melanocyte-stimulating hormone. Journal of Biochemistry, 2013, 153, 371-379.	0.9	3
2190	The role of mesenchymal stromal cells in chronic transplant rejection after solid organ transplantation. Current Opinion in Organ Transplantation, 2013, 18, 44-50.	0.8	19
2191	Culture and Identification of Human Bone Marrow Mesenchymal Stem Cells From Alveolar Ridge Dental Implant Site. Journal of Craniofacial Surgery, 2013, 24, 1539-1543.	0.3	3
2192	Mesenchymal stromal cells to promote solid organ transplantation tolerance. Current Opinion in Organ Transplantation, 2013, 18, 51-58.	0.8	70
2193	R�paration osseuse par th�rapie cellulaire. , 2013, , 139-147.		0
2194	The Regenerative Role of the Fetal and Adult Stem Cell Secretome. Journal of Clinical Medicine, 2013, 2, 302-327.	1.0	59
2195	The viability of cells obtained using the Reamer�Irrigator�Aspirator system and in bone graft from the iliac crest. Bone and Joint Journal, 2013, 95-B, 1269-1274.	1.9	18
2196	Cell therapy of periodontium: from animal to human?. Frontiers in Physiology, 2013, 4, 325.	1.3	17
2197	Propagation and Differentiation of Human Wharton�s Jelly Stem Cells on Three-Dimensional Nanofibrous Scaffolds. Methods in Molecular Biology, 2013, 1058, 1-23.	0.4	10
2198	Fibrosis and Subsequent Cytopenias Are Associated with Basic Fibroblast Growth Factor�Deficient Pluripotent Mesenchymal Stromal Cells in Large Granular Lymphocyte Leukemia. Journal of Immunology, 2013, 191, 3578-3593.	0.4	18
2199	Isolation and Characterization of SSEA3 ⁺ Stem Cells Derived from Goat Skin Fibroblasts. Cellular Reprogramming, 2013, 15, 195-205.	0.5	21
2200	Bioreactors for stem cell culture. , 2013, , 69-114.		3
2201	Insulin-Producing Cells from Adult Human Bone Marrow Mesenchymal Stem Cells Control Streptozotocin-Induced Diabetes in Nude Mice. Cell Transplantation, 2013, 22, 133-145.	1.2	94
2202	Global Remodeling of the Vascular Stem Cell Niche in Bone Marrow of Diabetic Patients. Circulation Research, 2013, 112, 510-522.	2.0	135
2203	Considerations of Quality Control Issues for the Mesenchymal Stem Cells-Based Medicinal Products. , 2013, , 265-278.		0
2204	Mesenchymal Stem Cells � An Oversimplified Nomenclature for Extremely Heterogeneous Progenitors. , 2013, , 413-431.		0

#	ARTICLE	IF	CITATIONS
2205	Platelet Lysate as Replacement for Fetal Bovine Serum in Mesenchymal Stromal Cell Cultures. <i>Transfusion Medicine and Hemotherapy</i> , 2013, 40, 326-335.	0.7	173
2206	Treatment of Knee Osteoarthritis With Autologous Mesenchymal Stem Cells. <i>Transplantation</i> , 2013, 95, 1535-1541.	0.5	385
2207	Mesenchymal stem cells as a vector for the inflammatory prostate microenvironment. <i>Endocrine-Related Cancer</i> , 2013, 20, R269-R290.	1.6	57
2208	<i>In Vitro</i> Simulation of Corneal Epithelium Microenvironment Induces a Corneal Epithelial-like Cell Phenotype from Human Adipose Tissue Mesenchymal Stem Cells. <i>Current Eye Research</i> , 2013, 38, 933-944.	0.7	70
2209	Mesenchymal stromal (stem) cells to improve solid organ transplant outcome. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 672-681.	0.8	34
2210	<i>In Vitro</i> Characterization of Multipotent Mesenchymal Stromal Cells Isolated from Palatal Subepithelial Tissue Grafts. <i>Microscopy and Microanalysis</i> , 2013, 19, 370-380.	0.2	19
2211	Optimal Labeling Dose, Labeling Time, and Magnetic Resonance Imaging Detection Limits of Ultrasmall Superparamagnetic Iron-Oxide Nanoparticle Labeled Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2013, 2013, 1-10.	1.2	22
2212	Increased Haematopoietic Supportive Function of USSC from Umbilical Cord Blood Compared to CB MSC and Possible Role of DLK-1. <i>Stem Cells International</i> , 2013, 2013, 1-12.	1.2	7
2213	Human Adipose Tissue Derived Stem Cells Promote Liver Regeneration in a Rat Model of Toxic Injury. <i>Stem Cells International</i> , 2013, 2013, 1-10.	1.2	22
2214	Adipose-Derived Mesenchymal Cells for Bone Regeneration: State of the Art. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	69
2215	Mesenchymal Stem Cells in Tissue Repair. <i>Frontiers in Immunology</i> , 2013, 4, 201.	2.2	365
2216	Assessment of immunosuppressive activity of human mesenchymal stem cells using murine antigen specific CD4 and CD8 T cells in vitro. <i>Stem Cell Research and Therapy</i> , 2013, 4, 128.	2.4	23
2217	Mesenchymal Stem Cells Migration Homing and Tracking. <i>Stem Cells International</i> , 2013, 2013, 1-8.	1.2	328
2218	Bone-Marrow-Derived Mesenchymal Stem Cells for Organ Repair. <i>Stem Cells International</i> , 2013, 2013, 1-8.	1.2	112
2219	Effects of Severe Hypoxia on Bone Marrow Mesenchymal Stem Cells Differentiation Potential. <i>Stem Cells International</i> , 2013, 2013, 1-11.	1.2	70
2220	Perspectives on the Use of Stem Cells for Autism Treatment. <i>Stem Cells International</i> , 2013, 2013, 1-7.	1.2	26
2221	New Insights into Osteogenic and Chondrogenic Differentiation of Human Bone Marrow Mesenchymal Stem Cells and Their Potential Clinical Applications for Bone Regeneration in Pediatric Orthopaedics. <i>Stem Cells International</i> , 2013, 2013, 1-11.	1.2	71
2222	Age-Related Yield of Adipose-Derived Stem Cells Bearing the Low-Affinity Nerve Growth Factor Receptor. <i>Stem Cells International</i> , 2013, 2013, 1-9.	1.2	36

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2223	Different Culture Media Affect Proliferation, Surface Epitope Expression, and Differentiation of Ovine MSC. <i>Stem Cells International</i> , 2013, 2013, 1-13.	1.2	36
2224	Prospective Isolation of Murine and Human Bone Marrow Mesenchymal Stem Cells Based on Surface Markers. <i>Stem Cells International</i> , 2013, 2013, 1-7.	1.2	58
2225	Evidence for Bone Marrow Adult Stem Cell Plasticity: Properties, Molecular Mechanisms, Negative Aspects, and Clinical Applications of Hematopoietic and Mesenchymal Stem Cells Transdifferentiation. <i>Stem Cells International</i> , 2013, 2013, 1-11.	1.2	37
2226	Biodistribution of Mesenchymal Stem/Stromal Cells in a Preclinical Setting. <i>Stem Cells International</i> , 2013, 2013, 1-5.	1.2	69
2227	Human Mesenchymal Stem Cells Display Reduced Expression of CD105 after Culture in Serum-Free Medium. <i>Stem Cells International</i> , 2013, 2013, 1-8.	1.2	77
2228	Assessing Adipogenic Potential of Mesenchymal Stem Cells: A Rapid Three-Dimensional Culture Screening Technique. <i>Stem Cells International</i> , 2013, 2013, 1-8.	1.2	12
2229	Hepatocyte Growth Factor-Loaded Biomaterials for Mesenchymal Stem Cell Recruitment. <i>Stem Cells International</i> , 2013, 2013, 1-9.	1.2	27
2230	Human Cardiospheres as a Source of Multipotent Stem and Progenitor Cells. <i>Stem Cells International</i> , 2013, 2013, 1-10.	1.2	35
2231	Cellular Kinetics of Perivascular MSC Precursors. <i>Stem Cells International</i> , 2013, 2013, 1-18.	1.2	51
2232	Lung Stem and Progenitor Cells. <i>Respiration</i> , 2013, 85, 89-95.	1.2	19
2233	Immunohistochemical Localization and Characterization of Putative Mesenchymal Stem Cell Markers in the Retinal Capillary Network of Rodents. <i>Cells Tissues Organs</i> , 2013, 197, 344-359.	1.3	9
2234	Mesenchymal Stem Cells: A Promising Therapy for the Acute Respiratory Distress Syndrome. <i>Respiration</i> , 2013, 85, 267-278.	1.2	39
2235	Isolation of Mesenchymal Stromal Cells (MSCs) from Human Adenoid Tissue. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 513-524.	1.1	12
2236	Repeated Administration of Bone Marrow-Derived Cells Prevents Disease Progression in Experimental Silicosis. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 1681-1694.	1.1	36
2237	Dissection of the Human Multipotent Adult Progenitor Cell Secretome by Proteomic Analysis. <i>Stem Cells Translational Medicine</i> , 2013, 2, 745-757.	1.6	35
2238	Human Mesenchymal Stromal Cell-Mediated Immunoregulation: Mechanisms of Action and Clinical Applications. <i>Bone Marrow Research</i> , 2013, 2013, 1-8.	1.7	38
2239	Mesenchymal stem cells in acute lung injury: are they ready for translational medicine?. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 927-935.	1.6	39
2240	Inhibition of Prefâ€¦1 (preadipocyte factor 1) by oestradiol in adolescent girls with anorexia nervosa is associated with improvement in lumbar bone mineral density. <i>Clinical Endocrinology</i> , 2013, 79, 326-332.	1.2	30

#	ARTICLE	IF	CITATIONS
2241	Isolation and Characterization of CD276+/HLA-E+ Human Subendocardial Mesenchymal Stem Cells from Chronic Heart Failure Patients: Analysis of Differentiative Potential and Immunomodulatory Markers Expression. <i>Stem Cells and Development</i> , 2013, 22, 1-17.	1.1	23
2242	Priming of mononuclear cells with a combination of growth factors enhances wound healing via high angiogenic and engraftment capabilities. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1644-1651.	1.6	12
2243	Mesenchymal stem cells from periapical lesions modulate differentiation and functional properties of monocyte-derived dendritic cells. <i>European Journal of Immunology</i> , 2013, 43, 1862-1872.	1.6	46
2244	ARS-Interacting Multi-Functional Protein 1 Induces Proliferation of Human Bone Marrow-Derived Mesenchymal Stem Cells by Accumulation of β -Catenin via Fibroblast Growth Factor Receptor 2-Mediated Activation of Akt. <i>Stem Cells and Development</i> , 2013, 22, 2630-2640.	1.1	21
2245	Characteristics of Mesenchymal Stem Cells Isolated from Bone Marrow of Giant Panda. <i>Stem Cells and Development</i> , 2013, 22, 2394-2401.	1.1	13
2246	Mesenchymal stem cells of human placenta and umbilical cord suppress T cell proliferation at G ₀ phase of cell cycle. <i>Cell Biology International</i> , 2013, 37, 250-256.	1.4	18
2247	Proliferation and Differentiation of Adipose Stem Cells Towards Smooth Muscle Cells on Poly(trimethylene carbonate) Membranes. <i>Macromolecular Symposia</i> , 2013, 334, 133-142.	0.4	1
2248	Mesenchymal Stromal Cells in Transplantation Rejection and Tolerance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a015560-a015560.	2.9	83
2249	Aggrecan catabolism during mesenchymal stromal cell in vitro chondrogenesis. <i>Animal Cells and Systems</i> , 2013, 17, 243-249.	0.8	3
2250	Adult stem cells for acute lung injury: Remaining questions and concerns. <i>Respirology</i> , 2013, 18, 744-756.	1.3	38
2251	Phenotypic and functional comparison of optimum culture conditions for upscaling of dental pulp stem cells. <i>Cell Biology International</i> , 2013, 37, 126-136.	1.4	16
2252	Potential of co-culture of nucleus pulposus mesenchymal stem cells and nucleus pulposus cells in hyperosmotic microenvironment for intervertebral disc regeneration. <i>Cell Biology International</i> , 2013, 37, 826-834.	1.4	44
2253	Progenitor cells from cartilage "No osteoarthritis" grade-specific differences in stem cell marker expression. <i>Biotechnology Progress</i> , 2013, 29, 206-212.	1.3	27
2254	Paracrine Effects and Heterogeneity of Marrow-Derived Stem/Progenitor Cells: Relevance for the Treatment of Respiratory Diseases. <i>Cells Tissues Organs</i> , 2013, 197, 445-473.	1.3	44
2255	DNA Aneuploidy in Porcine Bone Marrow-Derived Mesenchymal Stem Cells Undergoing Osteogenic and Adipogenic In Vitro Differentiation. <i>Cellular Reprogramming</i> , 2013, 15, 425-434.	0.5	15
2256	Successful isolation of equine mesenchymal stromal cells from cryopreserved umbilical cord blood-derived mononuclear cell fractions. <i>Equine Veterinary Journal</i> , 2013, 45, 518-522.	0.9	21
2257	Immunosuppressive properties of mesenchymal stromal cells derived from amnion, placenta, Wharton's jelly and umbilical cord. <i>Internal Medicine Journal</i> , 2013, 43, 430-439.	0.5	57
2258	Mesenchymal stem cells from patients to assay bone graft substitutes. <i>Journal of Cellular Physiology</i> , 2013, 228, 1229-1237.	2.0	33

#	ARTICLE	IF	CITATIONS
2259	Intraarticular injection of synovial stem cells promotes meniscal regeneration in a rabbit massive meniscal defect model. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1354-1359.	1.2	85
2260	Surface CD24 distinguishes between low differentiated and transitâ€amplifying cells in the basal layer of human prostate. <i>Prostate</i> , 2013, 73, 1576-1590.	1.2	22
2261	Production of a Recombinant Antibody Specific for i Blood Group Antigen, a Mesenchymal Stem Cell Marker. <i>BioResearch Open Access</i> , 2013, 2, 336-345.	2.6	4
2262	Targeted Delivery of Genes to Endothelial Cells and Cell- and Gene-Based Therapy in Pulmonary Vascular Diseases. , 2013, 3, 1749-1779.		15
2263	Isolation, characterization and the multiâ€lineage differentiation potential of rabbit bone marrowâ€derived mesenchymal stem cells. <i>Journal of Anatomy</i> , 2013, 222, 437-450.	0.9	79
2264	Mesenchymal stem cells protect against neonatal rat hyperoxic lung injury. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 817-829.	1.4	29
2265	Potential therapeutic use of deferoxamine and mesenchymal stem cells in type-1 diabetes: assembling another piece of the jigsaw, in what is a complex puzzle. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 1221-1224.	1.4	0
2266	Isolation and Chondrogenic Differentiation of Porcine Perichondrial Progenitor Cells for the Purpose of Cartilage Tissue Engineering. <i>Cells Tissues Organs</i> , 2013, 198, 179-189.	1.3	22
2267	Delayed Intranasal Delivery of Hypoxic-Preconditioned Bone Marrow Mesenchymal Stem Cells Enhanced Cell Homing and Therapeutic Benefits after Ischemic Stroke in Mice. <i>Cell Transplantation</i> , 2013, 22, 977-991.	1.2	163
2268	Magnetic Resonance Imaging of Human Dental Pulp Stem Cells in Vitro and in Vivo. <i>Cell Transplantation</i> , 2013, 22, 1813-1829.	1.2	38
2269	Chimerism of bone marrow mesenchymal stem/stromal cells in allogeneic hematopoietic cell transplantation. <i>Chimerism</i> , 2013, 4, 78-83.	0.7	21
2270	Chronic Lung Disease in the Neonate: Past, Present, and Future. <i>NeoReviews</i> , 2013, 14, e252-e258.	0.4	3
2271	KDM6B epigenetically regulates odontogenic differentiation of dental mesenchymal stem cells. <i>International Journal of Oral Science</i> , 2013, 5, 200-205.	3.6	67
2272	Regeneration of periodontal tissues using allogeneic periodontal ligament stem cells in an ovine model. <i>Regenerative Medicine</i> , 2013, 8, 711-723.	0.8	57
2273	Mesenchymal Stem Cells From a Hypoxic Culture Improve and Engraft Achilles Tendon Repair. <i>American Journal of Sports Medicine</i> , 2013, 41, 1117-1125.	1.9	74
2274	Clinical-Grade Multipotent Adult Progenitor Cells Durably Control Pathogenic T Cell Responses in Human Models of Transplantation and Autoimmunity. <i>Journal of Immunology</i> , 2013, 190, 4542-4552.	0.4	72
2275	Transplantation of umbilical cord and bone marrow-derived mesenchymal stem cells in a patient with relapsing-remitting multiple sclerosis. <i>Cell Adhesion and Migration</i> , 2013, 7, 404-407.	1.1	44
2276	Influence of Hypoxia, High Glucose, and Low Serum on the Growth Kinetics of Mesenchymal Stem Cells from Deciduous and Permanent Teeth. <i>Cells Tissues Organs</i> , 2013, 198, 198-208.	1.3	39

#	ARTICLE	IF	CITATIONS
2277	Concise Review: Adult Mesenchymal Stem Cells, Adult Neural Crest Stem Cells, and Therapy of Neurological Pathologies: A State of Play. <i>Stem Cells Translational Medicine</i> , 2013, 2, 284-296.	1.6	69
2278	Mesenchymal stem cells in neurological diseases. <i>Clinical Investigation</i> , 2013, 3, 173-189.	0.0	5
2279	Nesprin-1 plays an important role in the proliferation and apoptosis of mesenchymal stem cells. <i>International Journal of Molecular Medicine</i> , 2013, 32, 805-812.	1.8	19
2280	Osteogenesis of Adipose-Derived Stem Cells. <i>Bone Research</i> , 2013, 1, 133-145.	5.4	77
2281	Mesenchymal markers on human adipose stem/progenitor cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 134-140.	1.1	200
2282	Cardiomyocyte differentiation of perinatally-derived mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2013, 7, 1465-1469.	1.1	26
2283	The Kynurenine Pathway in Stem Cell Biology. <i>International Journal of Tryptophan Research</i> , 2013, 6, IJTR.S12626.	1.0	54
2284	Human marrow stromal cells reduce microglial activation to protect motor neurons in a transgenic mouse model of amyotrophic lateral sclerosis. <i>Journal of Neuroinflammation</i> , 2013, 10, 52.	3.1	26
2285	Interleukin-17A- or tumor necrosis factor α -mediated increase in proliferation of T cells cocultured with synovium-derived mesenchymal stem cells in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2013, 15, R169.	1.6	18
2286	Mesenchymal stem cells in tissue repairing and regeneration: Progress and future. <i>Burns and Trauma</i> , 2013, 1, 13.	0.7	28
2287	Angiogenesis following Cell Injection is Induced by an Excess Inflammatory Response Coordinated by Bone Marrow Cells. <i>Cell Transplantation</i> , 2013, 22, 2381-2392.	1.2	6
2288	GMP-Compliant Isolation and Expansion of Bone Marrow-Derived MSCs in the Closed, Automated Device Quantum Cell Expansion System. <i>Cell Transplantation</i> , 2013, 22, 1981-2000.	1.2	115
2289	BMP2 is Superior to BMP4 for Promoting Human Muscle-Derived Stem Cell-Mediated Bone Regeneration in a Critical-Sized Calvarial Defect Model. <i>Cell Transplantation</i> , 2013, 22, 2393-2408.	1.2	40
2290	Application of stem-cell media to explant culture of human periosteum: An optimal approach for preparing osteogenic cell material. <i>Journal of Tissue Engineering</i> , 2013, 4, 204173141350964.	2.3	9
2291	Analysis for Apoptosis and Necrosis on Adipocytes, Stromal Vascular Fraction, and Adipose-Derived Stem Cells in Human Lipoaspirates after Liposuction. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 77e-85e.	0.7	28
2292	Effects of MSC Coadministration and Route of Delivery on Cord Blood Hematopoietic Stem Cell Engraftment. <i>Cell Transplantation</i> , 2013, 22, 1171-1183.	1.2	47
2293	The Role of Mesenchymal Stem Cells in Hematopoietic Stem Cell Transplantation: From Bench to Bedsides. <i>Cell Transplantation</i> , 2013, 22, 723-729.	1.2	40
2294	Applications of Microfabrication and Microfluidic Techniques in Mesenchymal Stem Cell Research. , 2013, , 69-95.		0

#	ARTICLE	IF	CITATIONS
2295	Umbilical cord-derived stromal cell therapy for rheumatoid arthritis: what does the future hold?. <i>International Journal of Clinical Rheumatology</i> , 2013, 8, 417-420.	0.3	2
2297	Cell separation: Terminology and practical considerations. <i>Journal of Tissue Engineering</i> , 2013, 4, 204173141247269.	2.3	106
2298	Human Umbilical Cord Perivascular Cells Exhibit Enhanced Cardiomyocyte Reprogramming and Cardiac Function after Experimental Acute Myocardial Infarction. <i>Cell Transplantation</i> , 2013, 22, 1651-1666.	1.2	45
2299	Decellularized Tracheal Matrix Scaffold for Tracheal Tissue Engineering. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 549e-559e.	0.7	46
2300	The Effect of Subcutaneous Mesenchymal Stem Cell Injection on Stasis Zone and Apoptosis in an Experimental Burn Model. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 463-471.	0.7	43
2301	Characterization, <i>in vivo</i> GFP Gene Nucleofection, and Allotransplantation in Injured Tendons of Ovine Amniotic Fluid-Derived Stem Cells. <i>Cell Transplantation</i> , 2013, 22, 99-117.	1.2	25
2302	Decrease of Global Methylation Improves Significantly Hepatic Differentiation of Ad-MSCs: Possible Future Application for Urea Detoxification. <i>Cell Transplantation</i> , 2013, 22, 119-131.	1.2	32
2303	ZNF281 Knockdown Induced Osteogenic Differentiation of Human Multipotent Stem Cells <i>in Vivo</i> and <i>in Vitro</i> . <i>Cell Transplantation</i> , 2013, 22, 29-40.	1.2	18
2304	Effects of Storage Solutions on the Viability of Human Umbilical Cord Mesenchymal Stem Cells for Transplantation. <i>Cell Transplantation</i> , 2013, 22, 1075-1086.	1.2	23
2305	The Response of Breast Cancer Cells to Mesenchymal Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 899e-910e.	0.7	18
2306	Effects of Mesenchymal Stem Cell Therapy on the Time Course of Pulmonary Remodeling Depend on the Etiology of Lung Injury in Mice. <i>Critical Care Medicine</i> , 2013, 41, e319-e333.	0.4	58
2307	The effect of bone marrow- and adipose tissue-derived mesenchymal stem cell transplantation on myocardial remodelling in the rat model of ischaemic heart failure. <i>International Journal of Experimental Pathology</i> , 2013, 94, 169-177.	0.6	28
2308	Mesenchymal stem cells in the tumor microenvironment. <i>Biomedical Reports</i> , 2013, 1, 517-521.	0.9	72
2309	Transdifferentiation of Adipose-Derived Stem Cells into Keratinocyte-Like Cells: Engineering a Stratified Epidermis. <i>PLoS ONE</i> , 2013, 8, e80587.	1.1	93
2310	Attachment, Proliferation, and Chondroinduction of Mesenchymal Stem Cells on Porous Chitosan-Calcium Phosphate Scaffolds. <i>The Open Orthopaedics Journal</i> , 2013, 7, 275-281.	0.1	14
2311	Hox genes are involved in vascular wall-resident multipotent stem cell differentiation into smooth muscle cells. <i>Scientific Reports</i> , 2013, 3, 2178.	1.6	58
2312	Extracellular membrane vesicles from umbilical cord blood-derived MSC protect against ischemic acute kidney injury, a feature that is lost after inflammatory conditioning. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	5.5	136
2313	Existence of mesenchymal stem cells in sites of atrophic nonunion. <i>Bone and Joint Research</i> , 2013, 2, 112-115.	1.3	15

#	ARTICLE	IF	CITATIONS
2314	Stem cells and orthopaedic surgery. <i>Bone and Joint</i> 360, 2013, 2, 2-5.	0.1	2
2315	From "Blade Runner"™ to "Stem-Cell Player"™ and beyond. <i>Bone and Joint</i> 360, 2013, 2, 6-11.	0.1	6
2316	Immunomodulatory capacity of human mesenchymal stem cells isolated from adipose tissue, dental pulp, peripheral blood and umbilical cord Wharton's jelly. <i>Central-European Journal of Immunology</i> , 2013, 4, 421-429.	0.4	8
2317	Suppression of <i>in vitro</i> murine T cell proliferation by human adipose tissue-derived mesenchymal stem cells is dependent mainly on cyclooxygenase-2 expression. <i>Anatomy and Cell Biology</i> , 2013, 46, 262.	0.5	19
2318	Proliferación y diferenciación osteogénica de células madre mesenquimales en hidrogeles de plasma sanguíneo humano. <i>Biomedica</i> , 2013, 34, 67.	0.3	3
2319	Advances in Bone Tissue Engineering. , 0, , .		5
2320	Bone marrow concentrate for autologous transplantation in minipigs. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2013, 26, 34-41.	0.2	15
2321	Cells Isolated from Human Periapical Cysts Express Mesenchymal Stem Cell-like Properties. <i>International Journal of Biological Sciences</i> , 2013, 9, 1070-1078.	2.6	92
2322	Characterization and clinical application of mesenchymal stem cells from equine umbilical cord blood. <i>Journal of Veterinary Science</i> , 2013, 14, 367.	0.5	28
2323	BM mesenchymal stromal cell-derived exosomes facilitate multiple myeloma progression. <i>Journal of Clinical Investigation</i> , 2013, 123, 1542-1555.	3.9	661
2324	Bone Engineering: A Matter of Cells, Growth Factors and Biomaterials. , 2013, , .		2
2325	Overexpression of hsa-miR-125b during osteoblastic differentiation does not influence levels of Runx2, osteopontin, and ALPL gene expression. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 676-680.	0.7	8
2326	LNGFR (CD271) as Marker to Identify Mesenchymal Stem Cells from Different Human Sources: Umbilical Cord Blood, Wharton's Jelly and Bone Marrow. <i>Journal of Bone Marrow Research</i> , 2013, 1, .	0.2	3
2327	Immunomodulatory Properties and Therapeutic Application of Bone Marrow Derived-Mesenchymal Stem Cells. <i>Journal of Bone Marrow Research</i> , 2013, 1, .	0.2	4
2328	Dental Stem Cells and their Applications in Dental Tissue Engineering. <i>Open Dentistry Journal</i> , 2013, 7, 76-81.	0.2	44
2329	Callus-derived cells: are they mesenchymal stem cells?. <i>Medical Journal of Indonesia</i> , 2013, 22, 63.	0.2	0
2330	Comparison of fracture site callus with iliac crest bone marrow as the source of plastic-adherent cells. <i>Medical Journal of Indonesia</i> , 2013, , 70.	0.2	1
2331	The epigenetic modifiers 5-aza-2'-deoxycytidine and trichostatin A influence adipocyte differentiation in human mesenchymal stem cells. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 405-416.	0.7	34

#	ARTICLE	IF	CITATIONS
2332	Mesenchymal Progenitor Cells from Different Sources and their Potential to Differentiate In Vitro into Muscle Cells. <i>Cell & Developmental Biology</i> , 2013, 2, .	0.3	0
2333	An Overview of Pluripotent Stem Cells. , 2013, , .		5
2334	Clinical applications of mesenchymal stem cells. <i>Korean Journal of Internal Medicine</i> , 2013, 28, 387.	0.7	239
2335	Intravenous administration of bone marrow-derived multipotent mesenchymal stromal cells has a neutral effect on obesity-induced diabetic cardiomyopathy. <i>Biological Research</i> , 2013, 46, 251-255.	1.5	9
2336	Mesenchymal Stem Cells from Extra-Embryonic Tissues for Tissue Engineering – Regeneration of the Peripheral Nerve. , 2013, , .		6
2337	Oral and Maxillofacial Tissue Engineering with Adipose- Derived Stem Cells. , 0, , .		3
2338	Connective tissue stem and progenitor cells. , 0, , 34-43.		0
2339	Effects of Intratracheal Mesenchymal Stromal Cell Therapy during Recovery and Resolution after Ventilator-induced Lung Injury. <i>Anesthesiology</i> , 2013, 118, 924-932.	1.3	92
2340	Spindle Shaped Human Mesenchymal Stem/Stromal Cells from Amniotic Fluid Promote Neovascularization. <i>PLoS ONE</i> , 2013, 8, e54747.	1.1	69
2341	Platelet-Rich Plasma Promotes the Proliferation of Human Muscle Derived Progenitor Cells and Maintains Their Stemness. <i>PLoS ONE</i> , 2013, 8, e64923.	1.1	68
2342	Reverse Differentiation as a Gene Filtering Tool in Genome Expression Profiling of Adipogenesis for Fat Marker Gene Selection and Their Analysis. <i>PLoS ONE</i> , 2013, 8, e69754.	1.1	23
2343	Synthetic Surface for Expansion of Human Mesenchymal Stem Cells in Xeno-Free, Chemically Defined Culture Conditions. <i>PLoS ONE</i> , 2013, 8, e70263.	1.1	36
2344	CD105 (Endoglin)-Negative Murine Mesenchymal Stromal Cells Define a New Multipotent Subpopulation with Distinct Differentiation and Immunomodulatory Capacities. <i>PLoS ONE</i> , 2013, 8, e76979.	1.1	126
2345	Genetically Modified Human Bone Marrow Derived Mesenchymal Stem Cells for Improving the Outcome of Human Islet Transplantation. <i>PLoS ONE</i> , 2013, 8, e77591.	1.1	14
2346	TGF-beta1 Does Not Induce Senescence of Multipotent Mesenchymal Stromal Cells and Has Similar Effects in Early and Late Passages. <i>PLoS ONE</i> , 2013, 8, e77656.	1.1	30
2347	Infusion of Trx-1-Overexpressing hucMSC Prolongs the Survival of Acutely Irradiated NOD/SCID Mice by Decreasing Excessive Inflammatory Injury. <i>PLoS ONE</i> , 2013, 8, e78227.	1.1	18
2348	The Cannabinoid Receptor Type 2 as Mediator of Mesenchymal Stromal Cell Immunosuppressive Properties. <i>PLoS ONE</i> , 2013, 8, e80022.	1.1	33
2349	Protective Effects of Mesenchymal Stem Cells with CXCR4 Up-Regulation in a Rat Renal Transplantation Model. <i>PLoS ONE</i> , 2013, 8, e82949.	1.1	34

#	ARTICLE	IF	CITATIONS
2350	Adipose Stromal Cells Contain Phenotypically Distinct Adipogenic Progenitors Derived from Neural Crest. PLoS ONE, 2013, 8, e84206.	1.1	48
2351	Identification and Characterization of Cells with Cancer Stem Cell Properties in Human Primary Lung Cancer Cell Lines. PLoS ONE, 2013, 8, e57020.	1.1	109
2352	Isolation and characterization of equine amniotic membrane-derived mesenchymal stem cells. Journal of Veterinary Science, 2013, 14, 151.	0.5	27
2353	Differentiation of Human Umbilical Cord Lining Membrane-Derived Mesenchymal Stem Cells into Hepatocyte-Like Cells. ISRN Stem Cells, 2013, 2013, 1-10.	1.8	2
2354	Inflammatory effects of autologous, genetically modified autologous, allogeneic, and xenogeneic mesenchymal stem cells after intra-articular injection in horses. Veterinary and Comparative Orthopaedics and Traumatology, 2013, 26, 453-460.	0.2	52
2355	Hypoxic Culture Conditions as a Solution for Mesenchymal Stem Cell Based Regenerative Therapy. Scientific World Journal, The, 2013, 2013, 1-12.	0.8	164
2356	Heterogeneity of Umbilical Cords as a Source for Mesenchymal Stem Cells. Dataset Papers in Biology, 2013, 2013, 1-4.	0.5	12
2357	Characterization of Bone-Marrow-Derived Stem Cells in Osteoporotic Models of the Rat. ISRN Stem Cells, 2013, 2013, 1-9.	1.8	7
2358	Mesenchymal Stem Cells in Immune-Mediated Bone Marrow Failure Syndromes. Clinical and Developmental Immunology, 2013, 2013, 1-10.	3.3	22
2359	Transplantation of Nonexpanded Adipose Stromal Vascular Fraction and Platelet-Rich Plasma for Articular Cartilage Injury Treatment in Mice Model. Journal of Medical Engineering, 2013, 2013, 1-7.	1.1	32
2360	Comparative Analysis of Mesenchymal Stromal Cells Biological Properties. ISRN Stem Cells, 2013, 2013, 1-9.	1.8	16
2361	Expression of surface markers and myogenic potential of rat bone marrow- and adipose-derived stem cells: a comparative study. Anatomy and Cell Biology, 2013, 46, 113.	0.5	43
2362	Isolamento e caracterizaçãõ de cã©lulas mesenquimais do tecido adiposo de cã©es. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2013, 65, 946-954.	0.1	4
2363	Whartonâ€™s Jelly or Bone Marrow Mesenchymal Stromal Cells Improve Cardiac Function Following Myocardial Infarction for More Than 32 Weeks in a Rat Model: A Preliminary Report. Current Stem Cell Research and Therapy, 2013, 8, 46-59.	0.6	57
2365	Aislamiento y caracterizaciã³n de cã©lulas â€œstemâ€™-mesenquimales de mã©dula ã³sea humana segã³n criterios de la Sociedad Internacional de Terapia Celular. Universitas Scientiarum, 2013, 15, 224.	0.2	3
2366	Neural Stem/Progenitor Cells for Spinal Cord Regeneration. , 2013, , .		3
2367	Comparison of fetal bovine serum and platelet-rich plasma on human lipoaspirate-derived mesenchymal stem cell proliferation. Medical Journal of Indonesia, 2013, , 146.	0.2	7
2368	Semi-automatic grading system in histologic and immunohistochemistry analysis to evaluate in vitro chondrogenesis. Universitas Scientiarum, 2013, 17, 167.	0.2	29

#	ARTICLE	IF	CITATIONS
2369	Role of Bone Marrow Derived Mesenchymal Stem Cells in Management of Graft Versus Host Disease. , 2013, , .		0
2370	Expression Profile of Galectins (Gal-1, Gal-9, Gal-11 and Gal-13) in Human Bone Marrow Derived Mesenchymal Stem Cells in Different Culture Mediums. , 0, , .		2
2371	3-D Microvascular Tissue Constructs for Exploring Concurrent Temporal and Spatial Regulation of Postnatal Neovascuogenesis. , 2013, , .		0
2372	Effects of Human Adipose-Tissue Derived Stem Cell Infusion on the Immunological Consequences in Skin Allograft Mice. <i>The Journal of the Korean Society for Transplantation</i> , 2013, 27, 174.	0.2	0
2373	CD146/MCAM Surface Marker for Identifying Human Periodontal Ligament-derived Mesenchymal Stem Cells. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 115-128.	0.2	4
2374	Cell Therapy in Kidney Transplantation. <i>The Journal of the Korean Society for Transplantation</i> , 2014, 28, 121.	0.2	0
2375	Study of human acellular amniotic membrane loading bone marrow mesenchymal stem cells in repair of articular cartilage defect in rabbits. <i>Genetics and Molecular Research</i> , 2014, 13, 7992-8001.	0.3	22
2376	Mesengenic Differentiation: Comparison of Human and Rat Bone Marrow Mesenchymal Stem Cells. <i>International Journal of Stem Cells</i> , 2014, 7, 127-134.	0.8	30
2377	Cytotoxic effect of silorane and methacrylate based composites on the human dental pulp stem cells and fibroblasts. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2014, 19, e350-e358.	0.7	14
2378	Current perspectives in stem cell research for knee cartilage repair. <i>Stem Cells and Cloning: Advances and Applications</i> , 2014, 7, 1.	2.3	64
2379	Secretion of immunoregulatory cytokines by mesenchymal stem cells. <i>World Journal of Stem Cells</i> , 2014, 6, 552.	1.3	485
2380	3D Non-Woven Polyvinylidene Fluoride Scaffolds: Fibre Cross Section and Texturizing Patterns Have Impact on Growth of Mesenchymal Stromal Cells. <i>PLoS ONE</i> , 2014, 9, e94353.	1.1	17
2381	Synovium Fragment-Derived Cells Exhibit Characteristics Similar to Those of Dissociated Multipotent Cells in Synovial Fluid of the Temporomandibular Joint. <i>PLoS ONE</i> , 2014, 9, e101896.	1.1	32
2382	Resveratrol as a Natural Anti-Tumor Necrosis Factor- α Molecule: Implications to Dendritic Cells and Their Crosstalk with Mesenchymal Stromal Cells. <i>PLoS ONE</i> , 2014, 9, e91406.	1.1	25
2383	Platelet-Rich Plasma and Adipose-Derived Mesenchymal Stem Cells for Regenerative Medicine-Associated Treatments in Bottlenose Dolphins (<i>Tursiops truncatus</i>). <i>PLoS ONE</i> , 2014, 9, e108439.	1.1	19
2384	Global Gene Expression Analysis of Canine Osteosarcoma Stem Cells Reveals a Novel Role for COX-2 in Tumour Initiation. <i>PLoS ONE</i> , 2014, 9, e83144.	1.1	40
2385	Characterization of Human Mesenchymal Stem Cells from Ewing Sarcoma Patients. Pathogenetic Implications. <i>PLoS ONE</i> , 2014, 9, e85814.	1.1	38
2386	Regenerative Therapies for Equine Degenerative Joint Disease: A Preliminary Study. <i>PLoS ONE</i> , 2014, 9, e85917.	1.1	94

#	ARTICLE	IF	CITATIONS
2387	Influence of Murine Mesenchymal Stem Cells on Proliferation, Phenotype, Vitality, and Cytotoxicity of Murine Cytokine-Induced Killer Cells in Coculture. PLoS ONE, 2014, 9, e88115.	1.1	6
2388	Platelets and Smooth Muscle Cells Affecting the Differentiation of Monocytes. PLoS ONE, 2014, 9, e88172.	1.1	3
2389	Comparison of Angiogenic, Cytoprotective, and Immunosuppressive Properties of Human Amnion- and Chorion-Derived Mesenchymal Stem Cells. PLoS ONE, 2014, 9, e88319.	1.1	86
2390	Fibroblast Activation Protein (FAP) Is Essential for the Migration of Bone Marrow Mesenchymal Stem Cells through RhoA Activation. PLoS ONE, 2014, 9, e88772.	1.1	59
2391	Therapeutic Interaction of Systemically-Administered Mesenchymal Stem Cells with Peri-Implant Mucosa. PLoS ONE, 2014, 9, e90681.	1.1	17
2392	Tissue Engineering Bone Using Autologous Progenitor Cells in the Peritoneum. PLoS ONE, 2014, 9, e93514.	1.1	13
2393	Human Wharton's Jelly Mesenchymal Stem Cells Plasticity Augments Scar-Free Skin Wound Healing with Hair Growth. PLoS ONE, 2014, 9, e93726.	1.1	98
2394	Arsenite Selectively Inhibits Mouse Bone Marrow Lymphoid Progenitor Cell Development In Vivo and In Vitro and Suppresses Humoral Immunity In Vivo. PLoS ONE, 2014, 9, e93920.	1.1	29
2395	Increased Migration of Human Mesenchymal Stromal Cells by Autocrine Motility Factor (AMF) Resulted in Enhanced Recruitment towards Hepatocellular Carcinoma. PLoS ONE, 2014, 9, e95171.	1.1	42
2396	Yolk Sac Mesenchymal Progenitor Cells from New World Mice (<i>Necomys lasiurus</i>) with Multipotent Differential Potential. PLoS ONE, 2014, 9, e95575.	1.1	10
2397	The piggyBac Transposon-Mediated Expression of SV40 T Antigen Efficiently Immortalizes Mouse Embryonic Fibroblasts (MEFs). PLoS ONE, 2014, 9, e97316.	1.1	63
2398	Dose-Dependent Effect of Estrogen Suppresses the Osteo-Adipogenic Transdifferentiation of Osteoblasts via Canonical Wnt Signaling Pathway. PLoS ONE, 2014, 9, e99137.	1.1	41
2399	Expansion of Human Mesenchymal Stromal Cells from Fresh Bone Marrow in a 3D Scaffold-Based System under Direct Perfusion. PLoS ONE, 2014, 9, e102359.	1.1	81
2400	Interleukin 7 Plays a Role in T Lymphocyte Apoptosis Inhibition Driven by Mesenchymal Stem Cell without Favoring Proliferation and Cytokines Secretion. PLoS ONE, 2014, 9, e106673.	1.1	12
2401	Low Intensity Pulsed Ultrasound Enhanced Mesenchymal Stem Cell Recruitment through Stromal Derived Factor-1 Signaling in Fracture Healing. PLoS ONE, 2014, 9, e106722.	1.1	73
2402	Paracrine Effect of Mesenchymal Stem Cells Derived from Human Adipose Tissue in Bone Regeneration. PLoS ONE, 2014, 9, e107001.	1.1	257
2403	Effects of Cell-Attachment and Extracellular Matrix on Bone Formation In Vivo in Collagen-Hydroxyapatite Scaffolds. PLoS ONE, 2014, 9, e109568.	1.1	20
2404	Differentiation of Human Umbilical Cord Matrix Mesenchymal Stem Cells into Neural-Like Progenitor Cells and Maturation into an Oligodendroglial-Like Lineage. PLoS ONE, 2014, 9, e111059.	1.1	57

#	ARTICLE	IF	CITATIONS
2405	Hypoxia-Controlled EphA3 Marks a Human Endometrium-Derived Multipotent Mesenchymal Stromal Cell that Supports Vascular Growth. <i>PLoS ONE</i> , 2014, 9, e112106.	1.1	12
2406	CD117 Expression in Fibroblasts-Like Stromal Cells Indicates Unfavorable Clinical Outcomes in Ovarian Carcinoma Patients. <i>PLoS ONE</i> , 2014, 9, e112209.	1.1	19
2407	Nanotopography Alters Nuclear Protein Expression, Proliferation and Differentiation of Human Mesenchymal Stem/Stromal Cells. <i>PLoS ONE</i> , 2014, 9, e114698.	1.1	28
2408	Regenerative Repair of Damaged Meniscus with Autologous Adipose Tissue-Derived Stem Cells. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	81
2409	Cell Surface Proteomics Analysis Indicates a Neural Lineage Bias of Rat Bone Marrow Mesenchymal Stromal Cells. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	4
2410	Comparative Analysis of Cardiovascular Development Related Genes in Stem Cells Isolated from Deciduous Pulp and Adipose Tissue. <i>Scientific World Journal</i> , The, 2014, 2014, 1-13.	0.8	7
2411	Roles of Bone-Marrow-Derived Cells and Inflammatory Cytokines in Neointimal Hyperplasia after Vascular Injury. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	15
2412	Human bone marrow mesenchymal progenitors: perspectives on an optimized in vitro manipulation. <i>Frontiers in Cell and Developmental Biology</i> , 2014, 2, 7.	1.8	24
2413	Are MSCs angiogenic cells? New insights on human nestin-positive bone marrow-derived multipotent cells. <i>Frontiers in Cell and Developmental Biology</i> , 2014, 2, 20.	1.8	51
2414	Intractable diseases treated with intra-bone marrow-bone marrow transplantation. <i>Frontiers in Cell and Developmental Biology</i> , 2014, 2, 48.	1.8	3
2415	Deterministic and stochastic approaches in the clinical application of mesenchymal stromal cells (MSCs). <i>Frontiers in Cell and Developmental Biology</i> , 2014, 2, 50.	1.8	47
2416	Fate of graft cells: what should be clarified for development of mesenchymal stem cell therapy for ischemic stroke?. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 322.	1.8	11
2417	Stem cell-based treatments against stroke: observations from human proof-of-concept studies and considerations regarding clinical applicability. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 357.	1.8	34
2418	Brain repair: cell therapy in stroke. <i>Stem Cells and Cloning: Advances and Applications</i> , 2014, 7, 31.	2.3	58
2419	Advances in Stem Cell Therapy for Erectile Dysfunction. <i>Advances in Andrology</i> , 2014, 2014, 1-20.	0.4	5
2420	Mesenchymal stem cells and immunomodulation. <i>Inflammation and Regeneration</i> , 2014, 34, 165-167.	1.5	2
2421	Periosteum derived stem cells for regenerative medicine proposals: Boosting current knowledge. <i>World Journal of Stem Cells</i> , 2014, 6, 266.	1.3	99
2422	Effects of ECM Protein Mimetics on Adhesion and Proliferation of Chorion Derived Mesenchymal Stem Cells. <i>International Journal of Medical Sciences</i> , 2014, 11, 298-308.	1.1	27

#	ARTICLE	IF	CITATIONS
2423	Preclinical Efficacy and Mechanisms of Mesenchymal Stem Cells in Animal Models of Autoimmune Diseases. <i>Immune Network</i> , 2014, 14, 81.	1.6	28
2424	Large-Scale Clinical Expansion of Mesenchymal Stem Cells in the GMP-Compliant, Closed Automated Quantum ^Å Cell Expansion System: Comparison with Expansion in Traditional T-Flasks. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, .	0.3	35
2425	Morphology and morphometry of feline bone marrow-derived mesenchymal stem cells in culture. <i>Pesquisa Veterinaria Brasileira</i> , 2014, 34, 1127-1134.	0.5	9
2426	Adipose-derived mesenchymal stem cells (ASCs) may favour breast cancer recurrence via HGF/c-Met signaling. <i>Oncotarget</i> , 2014, 5, 613-633.	0.8	128
2427	Mesenchymal Stem Cells: Pivotal Players in Hematopoietic Stem Cell Microenvironment. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, .	0.3	5
2428	Towards a Treatment of Stress Urinary Incontinence: Application of Mesenchymal Stromal Cells for Regeneration of the Sphincter Muscle. <i>Journal of Clinical Medicine</i> , 2014, 3, 197-215.	1.0	15
2429	Dental pulp polyps contain stem cells comparable to the normal dental pulps. <i>Journal of Clinical and Experimental Dentistry</i> , 2014, 6, e53-9.	0.5	26
2430	Survival of bone marrow mesenchymal stem cells labelled with red fluorescent protein in an ovine model of collagenase-induced tendinitis. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2014, 27, 204-209.	0.2	25
2431	IFN ^Î 3 modulates human immunoglobulin receptor expression in lipoaspirate-derived mesenchymal stem cells. <i>Medical Journal of Indonesia</i> , 2014, 23, 127-32.	0.2	0
2432	Heterogeneity of Progenitor Cell Populations and their Therapeutic Implications. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, .	0.3	0
2433	The Impact of Mesenchymal Stem Cell Source on Proliferation, Differentiation, Immunomodulation and Therapeutic Efficacy. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, .	0.3	9
2434	Human Umbilical Cord Perivascular Cells Exhibited Enhanced Migration Capacity towards Hepatocellular Carcinoma in Comparison with Bone Marrow Mesenchymal Stromal Cells: A Role for Autocrine Motility Factor Receptor. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	14
2435	Mesenchymal Stem Cells: Current Clinical Applications and Therapeutic Potential in Liver Diseases. <i>Journal of Bone Marrow Research</i> , 2014, 02, .	0.2	9
2436	Experimental model of obtaining tissue adipose, mesenchymal stem cells isolation and distribution in surgery flaps in rats. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 29-33.	0.3	4
2437	The role of bone marrow derived mesenchymal stem cells in induced stroke. <i>African Journal of Biotechnology</i> , 2014, 13, 4399-4409.	0.3	0
2438	Isolation and Characterization of Buffalo Wharton ^â ™s Jelly Derived Mesenchymal Stem Cells. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, .	0.3	3
2439	Adult human mesenchymal stromal cells and the treatment of graft versus host disease. <i>Stem Cells and Cloning: Advances and Applications</i> , 2014, 7, 45.	2.3	18
2440	Stem Cell-Based Approach to Immunomodulation. , 2014, , 855-864.		0

#	ARTICLE	IF	CITATIONS
2441	Stem Cells Approach to I/R Injury. , 2014, , 945-952.		0
2442	Adipogenesis of Sprague Dawely rats mesenchymal stem cells: a morphological, immunophenotyping and gene expression follow-up study. <i>Anatomy and Cell Biology</i> , 2014, 47, 83.	0.5	3
2443	NK Cells and MSCs: Possible Implications for MSC Therapy in Renal Transplantation. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, 1000166.	0.3	36
2444	Adipose Derived Stem Cells for treatment of Lower Genitourinary Dysfunction. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, .	0.3	0
2445	Potential therapeutic effect of the secretome from human uterine cervical stem cells against both cancer and stromal cells compared with adipose tissue stem cells. <i>Oncotarget</i> , 2014, 5, 10692-10708.	0.8	75
2446	Autoclaved bone graft usage revisited. <i>Medical Journal of Indonesia</i> , 2014, 23, 63-4.	0.2	0
2447	Mesenchymal stem cells as a potent cell source for articular cartilage regeneration. <i>World Journal of Stem Cells</i> , 2014, 6, 344.	1.3	78
2448	Progress of mesenchymal stem cell therapy for neural and retinal diseases. <i>World Journal of Stem Cells</i> , 2014, 6, 111.	1.3	107
2449	Stem cell technology for in vitro bone tissue engineering. , 2014, , 406-426.		0
2450	Differentiation of iPSC to Mesenchymal Stem-Like Cells and Their Characterization. <i>Methods in Molecular Biology</i> , 2014, 1357, 353-374.	0.4	24
2451	Bioreactor Expansion of Human Mesenchymal Stem Cells According to GMP Requirements. <i>Methods in Molecular Biology</i> , 2014, 1283, 199-218.	0.4	13
2452	Evaluation of Native Mesenchymal Stem Cells from Bone Marrow and Local Tissue in an Atrophic Nonunion Model. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 524-532.	1.1	23
2453	NOTCH-Mediated Maintenance and Expansion of Human Bone Marrow Stromal/Stem Cells: A Technology Designed for Orthopedic Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1456-1466.	1.6	33
2454	Transplantation of mesenchymal stem cells: a future therapy for Parkinsonâ€™s disease?. <i>Future Neurology</i> , 2014, 9, 475-486.	0.9	0
2455	pRb-E2F signaling in life of mesenchymal stem cells: Cell cycle, cell fate, and cell differentiation. <i>Genes and Diseases</i> , 2014, 1, 174-187.	1.5	13
2456	Current Status of Multipotent Mesenchymal Stromal Cells. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 189-189.	2.5	4
2457	Stem cells for osteodegenerative diseases: current studies and future outlook. <i>Regenerative Medicine</i> , 2014, 9, 219-230.	0.8	5
2458	Lidocaine-Induced ASC Apoptosis (Tumescent vs. Local Anesthesia). <i>Aesthetic Plastic Surgery</i> , 2014, 38, 1017-1023.	0.5	27

#	ARTICLE	IF	CITATIONS
2459	Micro/Nano-Engineering of Cells for Delivery of Therapeutics. , 2014, , 253-279.		1
2460	Clinical Grade Production of Mesenchymal Stromal Cells. , 2014, , 427-469.		3
2461	Sirtuin-1 (SIRT1) Is Required for Promoting Chondrogenic Differentiation of Mesenchymal Stem Cells. Journal of Biological Chemistry, 2014, 289, 22048-22062.	1.6	83
2462	Identification of a common Wnt-associated genetic signature across multiple cell types in pulmonary arterial hypertension. American Journal of Physiology - Cell Physiology, 2014, 307, C415-C430.	2.1	64
2463	Advanced Age Impairs Cardioprotective Function of Mesenchymal Stem Cell Transplantation from Patients to Myocardially Infarcted Rats. Cardiology, 2014, 128, 209-219.	0.6	11
2464	Mesenchymal stem cells and conditioned medium avert enteric neuropathy and colon dysfunction in guinea pig TNBS-induced colitis. American Journal of Physiology - Renal Physiology, 2014, 307, G1115-G1129.	1.6	38
2465	Cell Viability and Chondrogenic Differentiation Capability of Human Mesenchymal Stem Cells After Iron Labeling with Iron Sucrose. Stem Cells and Development, 2014, 23, 2568-2580.	1.1	11
2466	Frozen adipose-derived mesenchymal stem cells maintain high capability to grow and differentiate. Cryobiology, 2014, 69, 211-216.	0.3	46
2467	Therapeutic Mesenchymal Stromal Cells: Where We Are Headed. Methods in Molecular Biology, 2014, 1283, 1-11.	0.4	5
2468	The Runt-related transcription factor 1 in prostate cancer-associated fibroblasts. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16238-16239.	3.3	1
2469	Autologous bone marrow derived mesenchymal stromal cell therapy in combination with everolimus to preserve renal structure and function in renal transplant recipients. Journal of Translational Medicine, 2014, 12, 331.	1.8	41
2470	Actin cytoskeleton reorganization in bone marrow multipotent mesenchymal stromal cells at the initial step of transendothelial migration. Biophysics (Russian Federation), 2014, 59, 741-745.	0.2	1
2471	Multipotential stromal cell abundance in cellular bone allograft: comparison with fresh age-matched iliac crest bone and bone marrow aspirate. Regenerative Medicine, 2014, 9, 593-607.	0.8	35
2472	Characteristics of Mesenchymal Stromal Cells Isolated from Patients with Breast Cancer. Bulletin of Experimental Biology and Medicine, 2014, 157, 666-672.	0.3	4
2473	Mesenchymal stromal cells reset the scatter factor system and cytokine network in experimental kidney transplantation. BMC Immunology, 2014, 15, 44.	0.9	23
2474	Lymphocyte inhibition is compromised in mesenchymal stem cells from psoriatic skin. European Journal of Dermatology, 2014, 24, 560-567.	0.3	40
2475	Growth on poly(l-lactic acid) porous scaffold preserves CD73 and CD90 immunophenotype markers of rat bone marrow mesenchymal stromal cells. Journal of Materials Science: Materials in Medicine, 2014, 25, 2421-2436.	1.7	7
2476	Fluorescence activated enrichment of CD146+ cells during expansion of human bone-marrow derived mesenchymal stromal cells augments proliferation and GAG/DNA content in chondrogenic media. BMC Musculoskeletal Disorders, 2014, 15, 322.	0.8	28

#	ARTICLE	IF	CITATIONS
2477	Role of gamma-secretase in human umbilical-cord derived mesenchymal stem cell mediated suppression of NK cell cytotoxicity. <i>Cell Communication and Signaling</i> , 2014, 12, 63.	2.7	40
2478	Cells derived from porcine aorta tunica media show mesenchymal stromal-like cell properties in in vitro culture. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C322-C333.	2.1	23
2479	Postnatal Stem Cells in Tissue Engineering. , 2014, , 639-653.		0
2480	Mesenchymal Stem Cells in Musculoskeletal Tissue Engineering. , 2014, , 1171-1199.		2
2481	Concise Review: Unraveling Stem Cell Cocultures in Regenerative Medicine: Which Cell Interactions Steer Cartilage Regeneration and How?. <i>Stem Cells Translational Medicine</i> , 2014, 3, 723-733.	1.6	63
2482	Hypoxia-cultured human adipose-derived mesenchymal stem cells are non-oncogenic and have enhanced viability, motility, and tropism to brain cancer. <i>Cell Death and Disease</i> , 2014, 5, e1567-e1567.	2.7	62
2484	Electrospinning of poly(lactic acid)/polyhedral oligomeric silsesquioxane nanocomposites and their potential in chondrogenic tissue regeneration. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014, 25, 802-825.	1.9	20
2485	Effects of CD14 Macrophages and Proinflammatory Cytokines on Chondrogenesis in Osteoarthritic Synovium-Derived Stem Cells. <i>Tissue Engineering - Part A</i> , 2014, 20, 2680-2691.	1.6	24
2486	The Potential of Dental Stem Cells Differentiating into Neurogenic Cell Lineage after Cultivation in Different Modes <i>In Vitro</i> . <i>Cellular Reprogramming</i> , 2014, 16, 379-391.	0.5	17
2487	Mesenchymal Stem Cells Reduce Cigarette Smoke-Induced Inflammation and Airflow Obstruction in Rats via TGF- β 1 Signaling. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014, 11, 582-590.	0.7	20
2488	Characterization and profiling of immunomodulatory genes in resident mesenchymal stem cells reflect the Th1-Th17/Th2 imbalance of psoriasis. <i>Archives of Dermatological Research</i> , 2014, 306, 915-920.	1.1	68
2489	Lung Mesenchymal Stromal Cells in Development and Disease: To Serve and Protect?. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1849-1862.	2.5	43
2490	Functional Comparison of Human-Induced Pluripotent Stem Cell-Derived Mesenchymal Cells and Bone Marrow-Derived Mesenchymal Stromal Cells from the Same Donor. <i>Stem Cells and Development</i> , 2014, 23, 1594-1610.	1.1	144
2491	<i>In Vivo</i> Gene Activity of Human Mesenchymal Stem Cells After Scaffold-Mediated Local Transplantation. <i>Tissue Engineering - Part A</i> , 2014, 20, 2350-2364.	1.6	9
2492	GMP-Grade Human Fetal Liver-Derived Mesenchymal Stem Cells for Clinical Transplantation. <i>Methods in Molecular Biology</i> , 2014, 1283, 123-136.	0.4	23
2493	Cationic Polymers for Gene Delivery into Mesenchymal Stem Cells as a Novel Approach to Regenerative Medicine. <i>RSC Polymer Chemistry Series</i> , 2014, , 386-437.	0.1	0
2494	Equine Mesenchymal Stem Cells Inhibit T Cell Proliferation Through Different Mechanisms Depending on Tissue Source. <i>Stem Cells and Development</i> , 2014, 23, 1258-1265.	1.1	84
2495	Role of IGF1 and IGF1/VEGF on Human Mesenchymal Stromal Cells in Bone Healing: Two Sources and Two Fates. <i>Tissue Engineering - Part A</i> , 2014, 20, 2473-2482.	1.6	21

#	ARTICLE	IF	CITATIONS
2496	Mesenchymal Stem Cell-Induced Doxorubicin Resistance in Triple Negative Breast Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	62
2497	Osteogenic Potential of Mouse Adipose-Derived Stem Cells Sorted for CD90 and CD105 In Vitro. <i>Stem Cells International</i> , 2014, 2014, 1-17.	1.2	23
2498	The Regulation of Inflammatory Mediators in Acute Kidney Injury via Exogenous Mesenchymal Stem Cells. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	21
2499	Neuronal Differentiation of Adipose Derived Stem Cells: Progress So Far. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-8.	1.4	10
2500	Mesenchymal Stem Cell-Based Treatment for Microvascular and Secondary Complications of Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2014, 5, 86.	1.5	72
2501	Improving Engraftment and Immune Reconstitution in Umbilical Cord Blood Transplantation. <i>Frontiers in Immunology</i> , 2014, 5, 68.	2.2	110
2502	Characterization and profiling of immunomodulatory genes of equine mesenchymal stromal cells from non-invasive sources. <i>Stem Cell Research and Therapy</i> , 2014, 5, 6.	2.4	47
2503	Alterations of gene expression and protein synthesis in co-cultured adipose tissue-derived stem cells and squamous cell-carcinoma cells: consequences for clinical applications. <i>Stem Cell Research and Therapy</i> , 2014, 5, 65.	2.4	27
2504	Gangliosides as a potential new class of stem cell markers: the case of GD1a in human bone marrow mesenchymal stem cells. <i>Journal of Lipid Research</i> , 2014, 55, 549-560.	2.0	33
2505	Mesenchymal stem cells from osteoporotic patients reveal reduced migration and invasion upon stimulation with BMP-2 or BMP-7. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 118-123.	1.0	37
2506	Prenatal transplantation of mesenchymal stem cells to treat osteogenesis imperfecta. <i>Frontiers in Pharmacology</i> , 2014, 5, 223.	1.6	34
2507	ABCG2 ^{pos} lung mesenchymal stem cells are a novel pericyte subpopulation that contributes to fibrotic remodeling. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C684-C698.	2.1	79
2508	Stem Cell-Based Therapies for Ischemic Stroke. <i>BioMed Research International</i> , 2014, 2014, 1-17.	0.9	185
2509	The CD24 ^{hi} smooth muscle subpopulation is the predominant fraction in uterine fibroids. <i>Molecular Human Reproduction</i> , 2014, 20, 664-676.	1.3	8
2510	IFN γ Priming Protects Fetal and Embryonic MSC from NK Cell-Mediated Killing and Improves their Immunosuppressive Properties: Role of Activating and Inhibitory Receptors. <i>Journal of Cell Science & Therapy</i> , 2014, 05, .	0.3	3
2511	Gelatin-Based Hydrogels Promote Chondrogenic Differentiation of Human Adipose Tissue-Derived Mesenchymal Stem Cells In Vitro. <i>Materials</i> , 2014, 7, 1342-1359.	1.3	68
2512	Adenovirus-mediated delivery of the human IFN- β gene potentiates the cytotoxicity of daunorubicin against leukemic cells through downregulation of the α 4 β 1 integrin/ILK/apoptosis pathway. <i>Oncology Letters</i> , 2014, 7, 361-368.	0.8	3
2513	Promoting Nerve Regeneration in a Neurotmesis Rat Model Using Poly(DL-lactide-co-glycolide) Scaffolds. <i>Journal of Biomedical Materials Research Part B: Applied Biomaterials</i> , 2014, 98, 107-115.	0.9	31
2513	Mesenchymal Stem Cells from the Wharton's Jelly: In Vitro and In Vivo Analysis. <i>BioMed Research International</i> , 2014, 2014, 1-17.		

#	ARTICLE	IF	CITATIONS
2514	Neuropeptide Substance P Improves Osteoblastic and Angiogenic Differentiation Capacity of Bone Marrow Stem Cells <i>In Vitro</i> . <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	38
2515	Bone Marrow-Derived Mesenchymal Cell Differentiation toward Myogenic Lineages: Facts and Perspectives. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	32
2516	Human Mesenchymal Stem Cells Produce Bioactive Neurotrophic Factors: Source, Individual Variability and Differentiation Issues. <i>International Journal of Immunopathology and Pharmacology</i> , 2014, 27, 391-402.	1.0	30
2517	Ultrastructural characterization of mesenchymal stromal cells labeled with ultrasmall superparamagnetic iron-oxide nanoparticles for clinical tracking studies. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014, 74, 437-446.	0.6	12
2518	Human Adipose-Derived Mesenchymal Stem Cells Are Resistant to HBV Infection during Differentiation into Hepatocytes <i>In Vitro</i> . <i>International Journal of Molecular Sciences</i> , 2014, 15, 6096-6110.	1.8	27
2519	A Novel Human TGF- β 1 Fusion Protein in Combination with rhBMP-2 Increases Chondro-Osteogenic Differentiation of Bone Marrow Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11255-11274.	1.8	10
2520	Comparison of Stromal/Stem Cells Isolated from Human Omental and Subcutaneous Adipose Depots: Differentiation and Immunophenotypic Characterization. <i>Cells Tissues Organs</i> , 2014, 200, 204-211.	1.3	10
2521	Use of Genetically Modified Mesenchymal Stem Cells to Treat Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1719-1745.	1.8	72
2522	Mechanisms of T-Cell Immunosuppression by Mesenchymal Stromal Cells: What Do We Know So Far?. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	140
2523	Mesenchymal properties of SJL mice-stem cells and their efficacy as autologous therapy in a relapsing-remitting multiple sclerosis model. <i>Stem Cell Research and Therapy</i> , 2014, 5, 134.	2.4	12
2524	Relative genomic stability of adipose tissue derived mesenchymal stem cells: analysis of ploidy, H19 long non-coding RNA and p53 activity. <i>Stem Cell Research and Therapy</i> , 2014, 5, 139.	2.4	22
2525	Human Umbilical Cord-Derived Mesenchymal Stem Cells Utilize Activin-A to Suppress Interferon- γ Production by Natural Killer Cells. <i>Frontiers in Immunology</i> , 2014, 5, 662.	2.2	42
2526	Towards an advanced therapy medicinal product based on mesenchymal stromal cells isolated from the umbilical cord tissue: quality and safety data. <i>Stem Cell Research and Therapy</i> , 2014, 5, 9.	2.4	52
2527	Emerging Applications of Stem Cell and Regenerative Medicine to Sports Injuries. <i>Orthopaedic Journal of Sports Medicine</i> , 2014, 2, 232596711351993.	0.8	10
2528	The Secretome of Bone Marrow and Wharton Jelly Derived Mesenchymal Stem Cells Induces Differentiation and Neurite Outgrowth in SH-SY5Y Cells. <i>Stem Cells International</i> , 2014, 2014, 1-10.	1.2	38
2529	Phenotypic and Proteomic Characteristics of Human Dental Pulp Derived Mesenchymal Stem Cells from a Natal, an Exfoliated Deciduous, and an Impacted Third Molar Tooth. <i>Stem Cells International</i> , 2014, 2014, 1-19.	1.2	48
2530	Human umbilical cord tissue-derived mesenchymal stromal cells attenuate remodeling after myocardial infarction by proangiogenic, antiapoptotic, and endogenous cell-activation mechanisms. <i>Stem Cell Research and Therapy</i> , 2014, 5, 5.	2.4	112
2531	CD13 promotes mesenchymal stem cell-mediated regeneration of ischemic muscle. <i>Frontiers in Physiology</i> , 2014, 4, 402.	1.3	42

#	ARTICLE	IF	CITATIONS
2532	Activated Schwann Cell-Like Cells on Aligned Fibrin-Poly(Lactic-Co-Glycolic Acid) Structures: A Novel Construct for Application in Peripheral Nerve Regeneration. <i>Cells Tissues Organs</i> , 2014, 200, 287-299.	1.3	21
2533	Cultivation and identification of rat bone marrow-derived mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2014, 10, 755-760.	1.1	38
2534	Successful nucleofection of rat adipose-derived stroma cells with <i>Ambystoma mexicanum</i> epidermal lipoxygenase (AmbLOXe). <i>Stem Cell Research and Therapy</i> , 2014, 5, 113.	2.4	4
2535	Dental pulp stem cells (DPSCs) differentiation study by confocal Raman microscopy. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
2536	Hyaluronan in the Healthy and Malignant Hematopoietic Microenvironment. <i>Advances in Cancer Research</i> , 2014, 123, 149-189.	1.9	26
2537	Bone marrow-derived mesenchymal stem cells migrate to healthy and damaged salivary glands following stem cell infusion. <i>International Journal of Oral Science</i> , 2014, 6, 154-161.	3.6	44
2538	A Human <i>In Vitro</i> Model That Mimics the Renal Proximal Tubule. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 599-609.	1.1	24
2539	Using the Quantum Cell Expansion System for the Automated Expansion of Clinical-Grade Bone Marrow-Derived Human Mesenchymal Stromal Cells. <i>Methods in Molecular Biology</i> , 2014, 1283, 53-63.	0.4	16
2540	Transcriptional ontogeny of first trimester human fetal and placental mesenchymal stem cells: Gestational age versus niche. <i>Genomics Data</i> , 2014, 2, 382-385.	1.3	5
2541	Adipose-derived stromal cells for osteoarticular repair: trophic function versus stem cell activity. <i>Expert Reviews in Molecular Medicine</i> , 2014, 16, e9.	1.6	52
2542	Mesenchymal Stromal Cells Mediate <i>Aspergillus</i> Hyphal Extract-Induced Allergic Airway Inflammation by Inhibition of the Th17 Signaling Pathway. <i>Stem Cells Translational Medicine</i> , 2014, 3, 194-205.	1.6	66
2543	PROLIFERATIVE EFFECT OF PLATELET-RICH FIBRIN ON CANINE BONE MARROW-DERIVED STROMAL CELLS. <i>TĀĵiwĀn ShĀ²uyĀ«xuĀ© ZĀĵzhĀ⁷</i> , 2014, 40, 151-161.	0.2	1
2544	Bone marrow mesenchymal stem cell aspirates from alternative sources Is the knee as good as the iliac crest?. <i>Injury</i> , 2014, 45, S42-S47.	0.7	56
2545	Paracrine factors from mesenchymal stem cells: a proposed therapeutic tool for acute lung injury and acute respiratory distress syndrome. <i>International Wound Journal</i> , 2014, 11, 114-121.	1.3	27
2546	Targeting Pericytes for Angiogenic Therapies. <i>Microcirculation</i> , 2014, 21, 345-357.	1.0	81
2547	In vitro Differentiation of Human Adipose Tissue-Derived Stem Cells into Islet-Like Clusters Promoted by Islet Neogenesis-Associated Protein Pentadecapeptide. <i>Cells Tissues Organs</i> , 2014, 199, 329-341.	1.3	2
2548	Effects of composite films of silk fibroin and graphene oxide on the proliferation, cell viability and mesenchymal phenotype of periodontal ligament stem cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2731-2741.	1.7	75
2549	Stem Cell Experiments Moves into Clinic: New Hope for Children with Bronchopulmonary Dysplasia. <i>Advances in Experimental Medicine and Biology</i> , 2014, 839, 47-53.	0.8	6

#	ARTICLE	IF	CITATIONS
2550	TLR Ligands Stimulation Protects MSC from NK Killing. <i>Stem Cells</i> , 2014, 32, 290-300.	1.4	76
2551	In vitro differentiation of mesenchymal stem cells into mesangial cells when co-cultured with injured mesangial cells. <i>Cell Biology International</i> , 2014, 38, 497-501.	1.4	28
2552	The temporal expression of estrogen receptor alpha-36 and runx2 in human bone marrow derived stromal cells during osteogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 552-556.	1.0	4
2553	Proliferation rate of stem cells derived from human dental pulp and identification of differentially expressed genes. <i>Cell Biology International</i> , 2014, 38, 582-590.	1.4	15
2554	Concise Review: Optimizing Expansion of Bone Marrow Mesenchymal Stem/Stromal Cells for Clinical Applications. <i>Stem Cells Translational Medicine</i> , 2014, 3, 643-652.	1.6	114
2555	Novel isolation strategy to deliver pure fetal-origin and maternal-origin mesenchymal stem cell (MSC) populations from human term placenta. <i>Placenta</i> , 2014, 35, 969-971.	0.7	38
2556	Generation of Functional Mesenchymal Stem Cells from Different Induced Pluripotent Stem Cell Lines. <i>Stem Cells and Development</i> , 2014, 23, 1084-1096.	1.1	141
2557	Î²-Cell Differentiation of Human Pancreatic Duct-Derived Cells After In Vitro Expansion. <i>Cellular Reprogramming</i> , 2014, 16, 456-466.	0.5	26
2558	Skeletal tissue engineering using mesenchymal or embryonic stem cells: clinical and experimental data. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 1611-1639.	1.4	15
2559	Amniotic Fluid-Derived Mesenchymal Stem Cells Prevent Fibrosis and Preserve Renal Function in a Preclinical Porcine Model of Kidney Transplantation. <i>Stem Cells Translational Medicine</i> , 2014, 3, 809-820.	1.6	66
2560	Tissue engineering of the peripheral nervous system. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 301-318.	1.4	98
2561	Concise Review: The Immune Status of Mesenchymal Stem Cells and Its Relevance for Therapeutic Application. <i>Stem Cells</i> , 2014, 32, 603-608.	1.4	39
2562	Reprogramming to a pluripotent state modifies mesenchymal stem cell resistance to oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 824-831.	1.6	14
2563	Functional differences in mesenchymal stromal cells from human dental pulp and periodontal ligament. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 344-354.	1.6	49
2564	Use of stem cells in equine musculoskeletal disorders. <i>Equine Veterinary Education</i> , 2014, 26, 492-498.	0.3	1
2565	Silencing of RB1 and RB2/P130 during adipogenesis of bone marrow stromal cells results in dysregulated differentiation. <i>Cell Cycle</i> , 2014, 13, 482-490.	1.3	20
2566	Pro-inflammatory cytokine release and cell growth inhibition in primary human oral cells after exposure to endodontic sealer. <i>International Endodontic Journal</i> , 2014, 47, 864-872.	2.3	51
2567	Intranasal versus Intraperitoneal Delivery of Human Umbilical Cord Tissue-Derived Cultured Mesenchymal Stromal Cells in a Murine Model of Neonatal Lung Injury. <i>American Journal of Pathology</i> , 2014, 184, 3344-3358.	1.9	53

#	ARTICLE	IF	CITATIONS
2568	Suppression of MicroRNAâ€203 improves survival of rat bone marrow mesenchymal stem cells through enhancing PI3Kâ€induced cellular activation. <i>IUBMB Life</i> , 2014, 66, 220-227.	1.5	9
2569	Long live the stem cell: The use of stem cells isolated from post mortem tissues for translational strategies. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 56, 74-81.	1.2	10
2570	Stromal cells can be cultured and characterized from diagnostic bronchoalveolar fluid samples obtained from patients with various types of interstitial lung diseases. <i>Apmis</i> , 2014, 122, 301-316.	0.9	9
2571	Alk2 Regulates Early Chondrogenic Fate in Fibrodysplasia Ossificans Progressiva Heterotopic Endochondral Ossification. <i>Stem Cells</i> , 2014, 32, 1289-1300.	1.4	94
2572	Induction of Ram Bone Marrow Mesenchymal Stem Cells into Germ Cell Lineage using Transforming Growth Factorâ€2 Superfamily Growth Factors. <i>Reproduction in Domestic Animals</i> , 2014, 49, 588-598.	0.6	38
2573	Human Umbilical Cord Bloodâ€Derived Mesenchymal Stromal Cells Display a Novel Interaction between Pâ€Selectin and Galectinâ€1. <i>Scandinavian Journal of Immunology</i> , 2014, 80, 12-21.	1.3	25
2574	Mesenchymal Stromal Cells: Inhibiting PDGF Receptors or Depleting Fibronectin Induces Mesodermal Progenitors with Endothelial Potential. <i>Stem Cells</i> , 2014, 32, 694-705.	1.4	23
2575	Stage-Specific Embryonic Antigen 4 in Wharton's Jellyâ€Derived Mesenchymal Stem Cells Is Not a Marker for Proliferation and Multipotency. <i>Tissue Engineering - Part A</i> , 2014, 20, 1314-1324.	1.6	31
2576	Transcriptional profiling predicts overwhelming homology of schwann cells, olfactory ensheathing cells, and schwann cellâ€like glia. <i>Glia</i> , 2014, 62, 1559-1581.	2.5	32
2577	Mesenchymal Stem Cells from Human Amniotic Membrane. , 2014, , 191-198.		2
2578	Semaphorin 3A Induces Mesenchymal-Stem-Like Properties in Human Periodontal Ligament Cells. <i>Stem Cells and Development</i> , 2014, 23, 2225-2236.	1.1	36
2579	Mesenchymal stem cell therapy for the treatment of amyotrophic lateral sclerosis: signals for hope?. <i>Regenerative Medicine</i> , 2014, 9, 637-647.	0.8	10
2580	Should Publications on Mesenchymal Stem/Progenitor Cells Include In-Process Data on the Preparation of the Cells?. <i>Stem Cells Translational Medicine</i> , 2014, 3, 632-635.	1.6	16
2581	Mesenchymal Derivatives of Genetically Unstable Human Embryonic Stem Cells Are Maintained Unstable but Undergo Senescence in Culture As Do Bone Marrowâ€Derived Mesenchymal Stem Cells. <i>Cellular Reprogramming</i> , 2014, 16, 1-8.	0.5	6
2582	Stem Cells Derived from Tooth Periodontal Ligament Enhance Functional Angiogenesis by Endothelial Cells. <i>Tissue Engineering - Part A</i> , 2014, 20, 1188-1196.	1.6	33
2583	Novel non-surgical prenatal approaches to treating congenital diaphragmatic hernia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2014, 19, 349-356.	1.1	30
2584	Gluteal and abdominal subcutaneous adipose tissue depots as stroma cell source: gluteal cells display increased adipogenic and osteogenic differentiation potentials. <i>Experimental Dermatology</i> , 2014, 23, 395-400.	1.4	16
2585	Adipose-derived Stromal/Stem Cells and Their Differentiation Potential into the Endothelial Lineage. , 2014, , 53-70.		0

#	ARTICLE	IF	CITATIONS
2586	Utilization of Stem Cells in Alginate for Nucleus Pulposus Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2014, 20, 908-920.	1.6	61
2587	Articular Cartilage Tissue Engineering: Development and Future: A Review. <i>Journal of Musculoskeletal Pain</i> , 2014, 22, 68-77.	0.3	5
2588	Iron-loaded PLLA nanoparticles as highly efficient intracellular markers for visualization of mesenchymal stromal cells by MRI. <i>Contrast Media and Molecular Imaging</i> , 2014, 9, 109-121.	0.4	9
2589	Cytokinesis-Block Micronucleus Assay Adapted for Analyzing Genomic Instability of Human Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2014, 23, 823-838.	1.1	24
2590	Characterization of human adipose tissue-derived stromal cells isolated from diabetic patient's distal limbs with critical ischemia. <i>Cell Biochemistry and Function</i> , 2014, 32, 597-604.	1.4	49
2591	Hypoxia Promotes CEMP1 Expression and Induces Cementoblastic Differentiation of Human Dental Stem Cells in an HIF-1-Dependent Manner. <i>Tissue Engineering - Part A</i> , 2014, 20, 410-423.	1.6	25
2592	Behaviour and ultrastructure of human bone marrow-derived mesenchymal stem cells immobilised in alginate-poly-L-lysine-alginate microcapsules. <i>Journal of Microencapsulation</i> , 2014, 31, 579-589.	1.2	17
2593	Phenotypic Differences in White-Tailed Deer Antlerogenic Progenitor Cells and Marrow-Derived Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , 2014, 20, 1416-1425.	1.6	5
2594	The challenge of pancreatic cancer therapy and novel treatment strategy using engineered mesenchymal stem cells. <i>Cancer Gene Therapy</i> , 2014, 21, 12-23.	2.2	30
2595	Bone Morphogenetic Protein-9 Effectively Induces Osteo/Odontoblastic Differentiation of the Reversibly Immortalized Stem Cells of Dental Apical Papilla. <i>Stem Cells and Development</i> , 2014, 23, 1405-1416.	1.1	86
2596	Meta-analysis of preclinical studies of mesenchymal stromal cells for ischemic stroke. <i>Neurology</i> , 2014, 82, 1277-1286.	1.5	179
2597	Trimetazidine Protects Umbilical Cord Mesenchymal Stem Cells Against Hypoxia and Serum Deprivation Induced Apoptosis by Activation of Akt. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 2245-2255.	1.1	33
2598	Effect of Purmorphamine on Osteogenic Differentiation of Human Mesenchymal Stem Cells in a Three-Dimensional Dynamic Culture System. <i>Cellular and Molecular Bioengineering</i> , 2014, 7, 575-584.	1.0	7
2599	Future prospects for tissue engineered lung transplantation. <i>Organogenesis</i> , 2014, 10, 196-207.	0.4	58
2600	Analysis of results of acute graft-versus-host disease prophylaxis with donor multipotent mesenchymal stromal cells in patients with hemoblastoses after allogeneic bone marrow transplantation. <i>Biochemistry (Moscow)</i> , 2014, 79, 1363-1370.	0.7	22
2601	Transcriptomic portrait of human Mesenchymal Stromal/Stem cells isolated from bone marrow and placenta. <i>BMC Genomics</i> , 2014, 15, 910.	1.2	59
2602	Initial stem cell adhesion on porous silicon surface: molecular architecture of actin cytoskeleton and filopodial growth. <i>Nanoscale Research Letters</i> , 2014, 9, 564.	3.1	40
2603	Hepatogenic and neurogenic differentiation of bone marrow mesenchymal stem cells from abattoir-derived bovine fetuses. <i>BMC Veterinary Research</i> , 2014, 10, 154.	0.7	33

#	ARTICLE	IF	CITATIONS
2604	Combined influence of basal media and fibroblast growth factor on the expansion and differentiation capabilities of adipose-derived stem cells. <i>Cell Regeneration</i> , 2014, 3, 3:13.	1.1	20
2605	Novel immortal human cell lines reveal subpopulations in the nucleus pulposus. <i>Arthritis Research and Therapy</i> , 2014, 16, R135.	1.6	41
2606	Gene expression and protein secretion during human mesenchymal cell differentiation into adipogenic cells. <i>BMC Cell Biology</i> , 2014, 15, 46.	3.0	33
2607	Effects of different mesenchymal stromal cell sources and delivery routes in experimental emphysema. <i>Respiratory Research</i> , 2014, 15, 118.	1.4	141
2608	Disturbed angiogenic activity of adipose-derived stromal cells obtained from patients with coronary artery disease and diabetes mellitus type 2. <i>Journal of Translational Medicine</i> , 2014, 12, 337.	1.8	73
2609	Potential use of human adipose mesenchymal stromal cells for intervertebral disc regeneration: a preliminary study on biglycan-deficient murine model of chronic disc degeneration. <i>Arthritis Research and Therapy</i> , 2014, 16, 457.	1.6	48
2610	Equine mesenchymal stromal cells and embryo-derived stem cells are immune privileged in vitro. <i>Stem Cell Research and Therapy</i> , 2014, 5, 90.	2.4	42
2611	Synovial fluid and synovial membrane mesenchymal stem cells: latest discoveries and therapeutic perspectives. <i>Stem Cell Research and Therapy</i> , 2014, 5, 112.	2.4	97
2612	The effect of erythropoietin on bone. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 85, 1-29.	1.2	10
2613	Induction of immunomodulatory monocytes by human mesenchymal stem cell-derived hepatocyte growth factor through ERK1/2. <i>Journal of Leukocyte Biology</i> , 2014, 96, 295-303.	1.5	94
2614	Mesenchymal stromal cells to promote kidney transplantation tolerance. <i>Current Opinion in Organ Transplantation</i> , 2014, 19, 47-53.	0.8	30
2615	Stem Cell Therapy for Heart Failure. <i>Cardiology in Review</i> , 2014, 22, 105-116.	0.6	18
2616	Effect of NRG-1/ErbB Signaling Intervention on the Differentiation of Bone Marrow Stromal Cells Into Sinus Node-like Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 434-440.	0.8	10
2617	Recent insights into the identity of mesenchymal stem cells. <i>Bone and Joint Journal</i> , 2014, 96-B, 291-298.	1.9	61
2618	CellFinder: a cell data repository. <i>Nucleic Acids Research</i> , 2014, 42, D950-D958.	6.5	26
2619	Fibroblast activation protein protects bortezomib-induced apoptosis in multiple myeloma cells through β -catenin signaling pathway. <i>Cancer Biology and Therapy</i> , 2014, 15, 1413-1422.	1.5	22
2620	The current state of play™ of regenerative medicine in horses: what the horse can tell the human. <i>Regenerative Medicine</i> , 2014, 9, 673-685.	0.8	41
2621	Crosstalk between mesenchymal stem cells and macrophages in tissue repair. <i>Tissue Engineering and Regenerative Medicine</i> , 2014, 11, 431-438.	1.6	47

#	ARTICLE	IF	CITATIONS
2622	Cell-based therapies for the acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2014, 20, 122-131.	1.6	31
2623	Mesenchymal stromal cells to prevent fibrosis in kidney transplantation. <i>Current Opinion in Organ Transplantation</i> , 2014, 19, 54-59.	0.8	20
2624	Comparative Analysis of Processing Methods in Fat Grafting. <i>Plastic and Reconstructive Surgery</i> , 2014, 134, 675-683.	0.7	71
2625	Rationale and prospects of mesenchymal stem cell therapy for liver transplantation. <i>Current Opinion in Organ Transplantation</i> , 2014, 19, 60-64.	0.8	18
2626	Mesenchymal Stem Cell Injection for Osteochondral Lesions of the Talus: Letter to the Editor. <i>American Journal of Sports Medicine</i> , 2014, 42, NP19-NP20.	1.9	5
2627	Bone Marrow Stem Cell Therapy for Liver Disease. <i>Digestive Diseases</i> , 2014, 32, 494-501.	0.8	6
2628	Bone Marrow-Derived Multipotent Stromal Cells Attenuate Inflammation in Obliterative Airway Disease in Mouse Tracheal Allografts. <i>Stem Cells International</i> , 2014, 2014, 1-11.	1.2	12
2629	Lymph node fibroblastic reticular cell transplants show robust therapeutic efficacy in high-mortality murine sepsis. <i>Science Translational Medicine</i> , 2014, 6, 249ra109.	5.8	39
2630	Stem Cell Therapy in Autoimmune Rheumatic Diseases: a Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2014, 47, 244-257.	2.9	12
2631	Umbilical cord-derived mesenchymal stem cells: Their advantages and potential clinical utility. <i>World Journal of Stem Cells</i> , 2014, 6, 195.	1.3	315
2632	Adipose-derived mesenchymal stromal/stem cells: An update on their phenotype in vivo and in vitro. <i>World Journal of Stem Cells</i> , 2014, 6, 256.	1.3	147
2633	Stem Cells and Neuronal Differentiation. , 2014, , 71-101.		0
2634	Mass Production of Mesenchymal Stem Cells " Impact of Bioreactor Design and Flow Conditions on Proliferation and Differentiation. , 0, , .		22
2635	An Exploratory Clinical Trial for Idiopathic Osteonecrosis of Femoral Head by Cultured Autologous Multipotent Mesenchymal Stromal Cells Augmented with Vascularized Bone Grafts. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 233-242.	2.5	65
2636	Liver Regeneration. , 2014, , 375-390.		0
2637	Somatic Cells, Stem Cells, and Induced Pluripotent Stem Cells: How Do They Now Contribute to Conservation?. <i>Advances in Experimental Medicine and Biology</i> , 2014, 753, 385-427.	0.8	18
2638	Macromolecular Crowding: The Next Frontier in Tissue Engineering. <i>Advances in Science and Technology</i> , 0, , .	0.2	2
2639	In Vivo Imaging of Bone Marrow Stem Cells. , 2014, , 143-162.		1

#	ARTICLE	IF	CITATIONS
2640	Current Perspectives in Mesenchymal Stem Cell Therapies for Osteoarthritis. <i>Stem Cells International</i> , 2014, 2014, 1-13.	1.2	68
2641	Magnetic Nanoparticle Based Nonviral MicroRNA Delivery into Freshly Isolated CD105 ⁺ hMSCs. <i>Stem Cells International</i> , 2014, 2014, 1-11.	1.2	27
2642	Effects of Human Mesenchymal Stem Cells Isolated from Wharton's Jelly of the Umbilical Cord and Conditioned Media on Skeletal Muscle Regeneration Using a Myectomy Model. <i>Stem Cells International</i> , 2014, 2014, 1-16.	1.2	34
2643	Migration, Proliferation, and Differentiation of Cord Blood Mesenchymal Stromal Cells Treated with Histone Deacetylase Inhibitor Valproic Acid. <i>Stem Cells International</i> , 2014, 2014, 1-14.	1.2	23
2644	Expression of Neural Markers by Undifferentiated Mesenchymal-Like Stem Cells from Different Sources. <i>Journal of Immunology Research</i> , 2014, 2014, 1-16.	0.9	69
2645	Decreased Intracellular pH Induced by Cariporide Differentially Contributes to Human Umbilical Cord-Derived Mesenchymal Stem Cells Differentiation. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 185-194.	1.1	29
2646	Stem Cell Therapy and Breast Cancer Treatment: Review of Stem Cell Research and Potential Therapeutic Impact Against Cardiotoxicities Due to Breast Cancer Treatment. <i>Frontiers in Oncology</i> , 2014, 4, 299.	1.3	10
2647	Do Mesenchymal Stem Cells Have a Role to Play in Cutaneous Wound Healing?. <i>Cell & Tissue Transplantation & Therapy</i> , 2014, , 11.	0.0	3
2648	Human mesenchymal stem cells possess different biological characteristics but do not change their therapeutic potential when cultured in serum free medium. <i>Stem Cell Research and Therapy</i> , 2014, 5, 132.	2.4	25
2649	Effects of Mesenchymal Stromal Cell-Derived Extracellular Vesicles on Tumor Growth. <i>Frontiers in Immunology</i> , 2014, 5, 382.	2.2	55
2650	Effect of Cyclic Mechanical Stimulation on the Expression of Osteogenesis Genes in Human Intraoral Mesenchymal Stromal and Progenitor Cells. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	36
2651	Aged human mesenchymal stem cells: the duration of bone morphogenetic protein-2 stimulation determines induction or inhibition of osteogenic differentiation. <i>Orthopedic Reviews</i> , 2014, 6, 5242.	0.3	10
2652	Migration properties of adipose-tissue-derived mesenchymal stromal cells cocultured with activated monocytes in vitro. <i>Cell and Tissue Biology</i> , 2014, 8, 359-367.	0.2	3
2653	Laminin 411 acts as a potent inducer of umbilical cord mesenchymal stem cell differentiation into insulin-producing cells. <i>Journal of Translational Medicine</i> , 2014, 12, 135.	1.8	24
2654	Safety of repeated transplantations of neurotrophic factors-secreting human mesenchymal stromal stem cells. <i>Clinical and Translational Medicine</i> , 2014, 3, 21.	1.7	40
2655	Comparison of the osteogenic potential of mesenchymal stem cells from the bone marrow and adipose tissue of young dogs. <i>BMC Veterinary Research</i> , 2014, 10, 190.	0.7	24
2656	Serum-Free Media and the Immunoregulatory Properties of Mesenchymal Stem Cells In Vivo and In Vitro. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 569-580.	1.1	25
2657	Mesenchymal Stem Cell-Like Properties in Fibroblasts. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 703-714.	1.1	64

#	ARTICLE	IF	CITATIONS
2658	Pericytes in Chronic Lung Disease. <i>International Archives of Allergy and Immunology</i> , 2014, 164, 178-188.	0.9	38
2659	Characterization and differentiation potential of bone marrow-derived mesenchymal stem cells of male albino rats. <i>Egyptian Journal of Histology</i> , 2014, 37, 667-676.	0.0	0
2660	Improved expansion of human bone marrow-derived mesenchymal stem cells in microcarrier-based suspension culture. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014, 8, 210-225.	1.3	78
2661	Time-lapse microscopy and classification of 2D human mesenchymal stem cells based on cell shape picks up myogenic from osteogenic and adipogenic differentiation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014, 8, 737-746.	1.3	29
2662	Autonomous isolation, long-term culture and differentiation potential of adult salivary gland-derived stem/progenitor cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014, 8, 717-727.	1.3	22
2663	The <i>In Vitro</i> and <i>In Vivo</i> Effects of a Low-Molecular-Weight Fucoidan on the Osteogenic Capacity of Human Adipose-Derived Stromal Cells. <i>Tissue Engineering - Part A</i> , 2014, 20, 275-284.	1.6	25
2664	Serial Transplantation and Long-term Engraftment of Intra-arterially Delivered Clonally Derived Mesenchymal Stem Cells to Injured Bone Marrow. <i>Molecular Therapy</i> , 2014, 22, 160-168.	3.7	54
2665	Stem cells, tissue engineering and periodontal regeneration. <i>Australian Dental Journal</i> , 2014, 59, 117-130.	0.6	138
2666	Regulation and direction of umbilical cord blood mesenchymal stem cells to adopt neuronal fate. <i>International Journal of Neuroscience</i> , 2014, 124, 149-159.	0.8	7
2667	Cartilage regeneration by selected chondrogenic clonal mesenchymal stem cells in the collagenase-induced monkey osteoarthritis model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014, 8, 896-905.	1.3	23
2668	Intracoronary Cardiosphere-Derived Cells After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2014, 63, 110-122.	1.2	468
2669	Human Wharton's Jelly Stem Cells and Its Conditioned Medium Enhance Healing of Excisional and Diabetic Wounds. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 290-302.	1.2	70
2670	Measuring stem cell dimensionality in tissue scaffolds. <i>Biomaterials</i> , 2014, 35, 2558-2567.	5.7	55
2671	Presence of osteoclast precursor cells during ex vivo expansion of bone marrow-derived mesenchymal stem cells for autologous use in cell therapy. <i>Cytotherapy</i> , 2014, 16, 454-459.	0.3	6
2672	Genetic evaluation of mesenchymal stem cells by G-banded karyotyping in a Cell Technology Center. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2014, 36, 202-207.	0.7	38
2673	Can we fix it? Evaluating the potential of placental stem cells for the treatment of pregnancy disorders. <i>Placenta</i> , 2014, 35, 77-84.	0.7	34
2674	Phenotypic and functional properties of feline dedifferentiated fat cells and adipose-derived stem cells. <i>Veterinary Journal</i> , 2014, 199, 88-96.	0.6	53
2675	Impact of low oxygen tension on stemness, proliferation and differentiation potential of human adipose-derived stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 448, 218-224.	1.0	120

#	ARTICLE	IF	CITATIONS
2676	Properties of Biologic Scaffolds and Their Response to Mesenchymal Stem Cells. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014, 30, 289-298.	1.3	46
2677	Comparative analysis of multilineage properties of mesenchymal stromal cells derived from fetal sources shows an advantage of mesenchymal stromal cells isolated from cord blood in chondrogenic differentiation potential. <i>Cytotherapy</i> , 2014, 16, 893-905.	0.3	35
2678	Contribution of human adipose tissue-derived stem cells and the secretome to the skin allograft survival in mice. <i>Journal of Surgical Research</i> , 2014, 188, 280-289.	0.8	54
2679	Protective effect of short-term treatment with parathyroid hormone 1-34 on oxidative stress is involved in insulin-like growth factor-I and nuclear factor erythroid 2-related factor 2 in rat bone marrow derived mesenchymal stem cells. <i>Regulatory Peptides</i> , 2014, 189, 1-10.	1.9	5
2680	Does Bone Marrow-derived Mesenchymal Stem Cell Transfusion Prevent Antisperm Antibody Production After Traumatic Testis Rupture?. <i>Urology</i> , 2014, 84, 82-86.	0.5	35
2681	Functional potentials of human hematopoietic progenitor cells are maintained by mesenchymal stromal cells and not impaired by plerixafor. <i>Cytotherapy</i> , 2014, 16, 111-121.	0.3	19
2682	Marrow mesenchymal stromal cells reduce methicillin-resistant <i>Staphylococcus aureus</i> infection in rat models. <i>Cytotherapy</i> , 2014, 16, 56-63.	0.3	40
2683	Doxorubicin has in vivo toxicological effects on ex vivo cultured mesenchymal stem cells. <i>Toxicology Letters</i> , 2014, 224, 380-386.	0.4	34
2684	Enhanced ex vivo expansion of adult mesenchymal stem cells by fetal mesenchymal stem cell ECM. <i>Biomaterials</i> , 2014, 35, 4046-4057.	5.7	123
2685	Variable expression of lineage regulators in differentiated stromal cells indicates distinct mechanisms of differentiation towards common cell fate. <i>Gene</i> , 2014, 533, 173-179.	1.0	7
2686	Spinal motor neurite outgrowth over glial scar inhibitors is enhanced by coculture with bone marrow stromal cells. <i>Spine Journal</i> , 2014, 14, 1722-1733.	0.6	20
2687	Steroid-Refractory Acute Graft-versus-Host Disease: Is There an Effective Therapy?. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 146-148.	2.0	3
2688	Identification of Specific Cell-Surface Markers of Adipose-Derived Stem Cells from Subcutaneous and Visceral Fat Depots. <i>Stem Cell Reports</i> , 2014, 2, 171-179.	2.3	135
2689	Characterization and Differentiation into Adipocytes and Myocytes of Porcine Bone Marrow Mesenchymal Stem Cells. <i>Journal of Integrative Agriculture</i> , 2014, 13, 837-848.	1.7	8
2690	HTLV-1 infects human mesenchymal stromal cell in vitro and modifies their phenotypic characteristics. <i>Virology</i> , 2014, 449, 190-199.	1.1	10
2691	Suppression of orthotopically implanted hepatocarcinoma in mice by umbilical cord-derived mesenchymal stem cells with sTRAIL gene expression driven by AFP promoter. <i>Biomaterials</i> , 2014, 35, 3035-3043.	5.7	44
2692	Chondrocyte and mesenchymal stem cell-based therapies for cartilage repair in osteoarthritis and related orthopaedic conditions. <i>Maturitas</i> , 2014, 78, 188-198.	1.0	225
2693	<sc>ROCK</sc> inhibitor <sc>Y</sc>-27632 maintains the proliferation of confluent human mesenchymal stem cells. <i>Journal of Periodontal Research</i> , 2014, 49, 363-370.	1.4	23

#	ARTICLE	IF	CITATIONS
2694	<i>In vitro</i> analysis of equine, bone marrow-derived mesenchymal stem cells demonstrates differences within age- and gender-matched horses. <i>Equine Veterinary Journal</i> , 2014, 46, 589-595.	0.9	33
2695	Canine mesenchymal stem cells show antioxidant properties against thioacetamide-induced liver injury <i>in vitro</i> and <i>in vivo</i> . <i>Hepatology Research</i> , 2014, 44, E206-17.	1.8	46
2696	Induction of Dopaminergic Neurons From Human Wharton's Jelly Mesenchymal Stem Cell by Forskolin. <i>Journal of Cellular Physiology</i> , 2014, 229, 232-244.	2.0	27
2697	Bone morphogenetic protein-2, -6, and -7 differently regulate osteogenic differentiation of human periodontal ligament stem cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 119-130.	1.6	60
2698	Flow Perfusion Co-culture of Human Mesenchymal Stem Cells and Endothelial Cells on Biodegradable Polymer Scaffolds. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1381-1390.	1.3	19
2699	<i>In vitro</i> comparison of different carrier materials with rat bone marrow MSCs. <i>Clinical Oral Investigations</i> , 2014, 18, 247-259.	1.4	9
2700	Regenerative Therapies for Central Nervous System Diseases: a Biomaterials Approach. <i>Neuropsychopharmacology</i> , 2014, 39, 169-188.	2.8	248
2701	TSG-6 Released from Intradermally Injected Mesenchymal Stem Cells Accelerates Wound Healing and Reduces Tissue Fibrosis in Murine Full-Thickness Skin Wounds. <i>Journal of Investigative Dermatology</i> , 2014, 134, 526-537.	0.3	195
2702	Comparison of the efficacy of three concentrations of retinoic acid for transdifferentiation induction in sheep marrow-derived mesenchymal stem cells into male germ cells. <i>Andrologia</i> , 2014, 46, 24-35.	1.0	18
2703	Isolation, expansion and characterization of bone marrow-derived mesenchymal stromal cells in serum-free conditions. <i>Cell and Tissue Research</i> , 2014, 356, 123-135.	1.5	53
2704	Donor age negatively impacts adipose tissue-derived mesenchymal stem cell expansion and differentiation. <i>Journal of Translational Medicine</i> , 2014, 12, 8.	1.8	391
2705	Immunophenotypic characterization and tenogenic differentiation of mesenchymal stromal cells isolated from equine umbilical cord blood. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 538-548.	0.7	34
2706	Monitoring the biology stability of human umbilical cord-derived mesenchymal stem cells during long-term culture in serum-free medium. <i>Cell and Tissue Banking</i> , 2014, 15, 513-521.	0.5	32
2707	mRNAs and miRNAs profiling of mesenchymal stem cells derived from amniotic fluid and skin: the double face of the coin. <i>Cell and Tissue Research</i> , 2014, 355, 121-130.	1.5	31
2708	Isolation, culture, and induced multiple differentiation of Mongolian sheep bone marrow-derived mesenchymal stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 464-474.	0.7	7
2709	Foxc2 over-expression in bone marrow mesenchymal stem cells stimulates osteogenic differentiation and inhibits adipogenic differentiation. <i>Molecular and Cellular Biochemistry</i> , 2014, 386, 125-134.	1.4	30
2710	Isolation of adipose-derived stem cells: a comparison among different methods. <i>Biotechnology Letters</i> , 2014, 36, 693-702.	1.1	93
2711	Multiparameter flow cytometry for the characterisation of extracellular markers on human mesenchymal stem cells. <i>Biotechnology Letters</i> , 2014, 36, 731-741.	1.1	16

#	ARTICLE	IF	CITATIONS
2712	Mesenchymal Stem Cells in Synovial Fluid Increase After Meniscus Injury. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 1357-1364.	0.7	105
2713	Do progenitor cells from different tissue have the same phenotype?. <i>Research in Veterinary Science</i> , 2014, 96, 454-459.	0.9	15
2714	Cartilage tissue engineering: Molecular control of chondrocyte differentiation for proper cartilage matrix reconstruction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2414-2440.	1.1	208
2715	Soliciting Strategies for Developing Cell-Based Reference Materials to Advance Mesenchymal Stromal Cell Research and Clinical Translation. <i>Stem Cells and Development</i> , 2014, 23, 1157-1167.	1.1	112
2716	Two sides of the same coin: stem cells in cancer and regenerative medicine. <i>FASEB Journal</i> , 2014, 28, 2748-2761.	0.2	38
2717	Is Graphene a Promising Nano-Material for Promoting Surface Modification of Implants or Scaffold Materials in Bone Tissue Engineering?. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 477-491.	2.5	98
2718	Human adult stem cells from diverse origins: An overview from multiparametric immunophenotyping to clinical applications. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 43-77.	1.1	147
2719	Cell Isolation Induces Fate Changes of Bone Marrow Mesenchymal Cells Leading to Loss or Alternatively to Acquisition of New Differentiation Potentials. <i>Stem Cells</i> , 2014, 32, 2008-2020.	1.4	15
2720	Mesenchymal Stem Cells Seeded on Cross-Linked and Noncross-Linked Acellular Porcine Dermal Scaffolds for Long-Term Full-Thickness Hernia Repair in a Small Animal Model. <i>Artificial Organs</i> , 2014, 38, 572-579.	1.0	18
2721	Mesenchymal stem cells: immune evasive, not immune privileged. <i>Nature Biotechnology</i> , 2014, 32, 252-260.	9.4	1,138
2722	Isolation and ex vivo expansion of synovial mesenchymal stromal cells for cartilage repair. <i>Cytotherapy</i> , 2014, 16, 440-453.	0.3	23
2723	Mesenchymal origin of multipotent human testis-derived stem cells in human testicular cell cultures. <i>Molecular Human Reproduction</i> , 2014, 20, 155-167.	1.3	36
2724	Cell therapy for bone repair. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2014, 100, S107-S112.	0.9	112
2725	Cells of origin in osteosarcoma: Mesenchymal stem cells or osteoblast committed cells?. <i>Bone</i> , 2014, 62, 56-63.	1.4	166
2726	Study of the stability of packaging and storage conditions of human mesenchymal stem cell for intra-arterial clinical application in patient with critical limb ischemia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 459-468.	2.0	32
2727	Rat bone marrow mesenchymal stem cells improve regeneration of thin endometrium in rat. <i>Fertility and Sterility</i> , 2014, 101, 587-594.e3.	0.5	88
2728	Cytocompatibility evaluation of different biodegradable magnesium alloys with human mesenchymal stem cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 835-843.	1.7	12
2729	In vitro and in vivo neurogenic potential of mesenchymal stem cells isolated from different sources. <i>Journal of Biosciences</i> , 2014, 39, 157-169.	0.5	60

#	ARTICLE	IF	CITATIONS
2730	Identification of Rat Respiratory Mucosa Stem Cells and Comparison of the Early Neural Differentiation Potential with the Bone Marrow Mesenchymal Stem Cells In Vitro. Cellular and Molecular Neurobiology, 2014, 34, 257-268.	1.7	4
2731	Thinking Out of the Box—New Approaches to Controlling GVHD. Current Hematologic Malignancy Reports, 2014, 9, 73-84.	1.2	5
2732	Stem cells from fetal membranes and amniotic fluid: markers for cell isolation and therapy. Cell and Tissue Banking, 2014, 15, 199-211.	0.5	24
2733	Human adipose-derived stem cell transplantation as a potential therapy for collagen VI-related congenital muscular dystrophy. Stem Cell Research and Therapy, 2014, 5, 21.	2.4	45
2734	Human ethmoid sinus mucosa: a promising novel tissue source of mesenchymal progenitor cells. Stem Cell Research and Therapy, 2014, 5, 15.	2.4	21
2735	Mesenchymal Stem Cells and Periodontal Regeneration. Current Oral Health Reports, 2014, 1, 1-8.	0.5	5
2736	Adult stem cells: potential implications for perioperative medicine. Canadian Journal of Anaesthesia, 2014, 61, 299-305.	0.7	0
2737	Risk of genetic transformation of multipotent mesenchymal stromal cells in vitro. Russian Journal of Genetics, 2014, 50, 91-95.	0.2	0
2738	Human cadaver multipotent stromal/stem cells isolated from arteries stored in liquid nitrogen for 5 years. Stem Cell Research and Therapy, 2014, 5, 8.	2.4	30
2739	Decellularized silk fibroin scaffold primed with adipose mesenchymal stromal cells improves wound healing in diabetic mice. Stem Cell Research and Therapy, 2014, 5, 7.	2.4	108
2740	Sera of overweight people promote in vitro adipocyte differentiation of bone marrow stromal cells. Stem Cell Research and Therapy, 2014, 5, 4.	2.4	49
2741	Inhibition of mesenchymal stromal cells by pre-activated lymphocytes and their culture media. Stem Cell Research and Therapy, 2014, 5, 3.	2.4	16
2742	Mesenchymal stromal (stem) cells suppress pro-inflammatory cytokine production but fail to improve survival in experimental staphylococcal toxic shock syndrome. BMC Immunology, 2014, 15, 1.	0.9	48
2743	Natural history of mesenchymal stem cells, from vessel walls to culture vessels. Cellular and Molecular Life Sciences, 2014, 71, 1353-1374.	2.4	231
2744	Direct Differentiation of Homogeneous Human Adipose Stem Cells Into Functional Hepatocytes by Mimicking Liver Embryogenesis. Journal of Cellular Physiology, 2014, 229, 801-812.	2.0	31
2745	Microencapsulated VEGF gene—modified umbilical cord mesenchymal stromal cells promote the vascularization of tissue-engineered dermis: an experimental study. Cytotherapy, 2014, 16, 160-169.	0.3	44
2746	Choosing the right type of serum for different applications of human adipose tissue—derived stem cells: influence on proliferation and differentiation abilities. Cytotherapy, 2014, 16, 789-799.	0.3	31
2747	Ex Vivo Gene Therapy. , 2014, , 3-18.		2

#	ARTICLE	IF	CITATIONS
2748	Concise Review: Bone Marrow-Derived Mesenchymal Stem Cells Change Phenotype Following In Vitro Culture: Implications for Basic Research and the Clinic. <i>Stem Cells</i> , 2014, 32, 1713-1723.	1.4	262
2750	Global search for right cell type as a treatment modality for cardiovascular disease. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 63-73.	1.4	4
2751	Concise Review: The Surface Markers and Identity of Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2014, 32, 1408-1419.	1.4	833
2752	Mesenchymal stem or stromal cells: a review of clinical applications and manufacturing practices. <i>Transfusion</i> , 2014, 54, 1418-1437.	0.8	340
2753	Stem cell treatment for musculoskeletal disease. <i>Current Opinion in Pharmacology</i> , 2014, 16, 1-6.	1.7	20
2754	Mesenchymal stem cells and cancer: Friends or enemies?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 768, 98-106.	0.4	64
2755	MSC-Based Product Characterization for Clinical Trials: An FDA Perspective. <i>Cell Stem Cell</i> , 2014, 14, 141-145.	5.2	410
2756	Mesenchymal stem cell therapy for salivary gland dysfunction and xerostomia: a systematic review of preclinical studies. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 117, 335-342.e1.	0.2	47
2757	Sequential sub-passage decreases the differentiation potential of canine adipose-derived mesenchymal stem cells. <i>Research in Veterinary Science</i> , 2014, 96, 267-275.	0.9	28
2758	Mesenchymal Stem Cell Trials for Pulmonary Diseases. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1023-1032.	1.2	73
2759	Defined serum-free media for in vitro expansion of adipose-derived mesenchymal stem cells. <i>Cytotherapy</i> , 2014, 16, 915-926.	0.3	48
2760	Molecular characterization and xenogenic application of wharton's jelly derived caprine mesenchymal stem cells. <i>Veterinary Research Communications</i> , 2014, 38, 139-148.	0.6	21
2761	Intracutaneously injected human adipose tissue-derived stem cells in a mouse model stay at the site of injection. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 844-850.	0.5	21
2762	Potential of Human Fetal Chorionic Stem Cells for the Treatment of Osteogenesis Imperfecta. <i>Stem Cells and Development</i> , 2014, 23, 262-276.	1.1	34
2763	Selenium promotes adipogenic determination and differentiation of chicken embryonic fibroblasts with regulation of genes involved in fatty acid uptake, triacylglycerol synthesis and lipolysis. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 858-867.	1.9	26
2764	Effects of cryopreservation on the characteristics of dental pulp stem cells of intact deciduous teeth. <i>Archives of Oral Biology</i> , 2014, 59, 970-976.	0.8	37
2765	Suppressive effect of compact bone-derived mesenchymal stem cells on chronic airway remodeling in murine model of asthma. <i>International Immunopharmacology</i> , 2014, 20, 101-109.	1.7	37
2766	Long term mesenchymal stem cell culture on a defined synthetic substrate with enzyme free passaging. <i>Biomaterials</i> , 2014, 35, 5998-6005.	5.7	28

#	ARTICLE	IF	CITATIONS
2767	Isolation of Adipose-Derived Stromal Cells Without Enzymatic Treatment: Expansion, Phenotypical, and Functional Characterization. <i>Stem Cells and Development</i> , 2014, 23, 2390-2400.	1.1	44
2768	The current landscape of adipose-derived stem cells in clinical applications. <i>Expert Reviews in Molecular Medicine</i> , 2014, 16, e8.	1.6	52
2769	Improved Human Mesenchymal Stem Cell Isolation. <i>Cell Transplantation</i> , 2014, 23, 399-406.	1.2	19
2770	Current status of cell-mediated regenerative therapies for human spinal cord injury. <i>Neuroscience Bulletin</i> , 2014, 30, 671-682.	1.5	15
2771	Temporal HLA profiling and immunomodulatory effects of human adult bone marrow- and adipose-derived mesenchymal stem cells. <i>Regenerative Medicine</i> , 2014, 9, 67-79.	0.8	20
2772	Encapsulated Neural Stem Cell Neuronal Differentiation in Fluorinated Methacrylamide Chitosan Hydrogels. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1456-1469.	1.3	45
2773	Novel approaches to lupus drug discovery using stem cell therapy. Role of mesenchymal-stem-cell-secreted factors. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 555-566.	2.5	22
2774	The therapeutic potential of bone marrow-derived mesenchymal stromal cells on hepatocellular carcinoma. <i>Liver International</i> , 2014, 34, 330-342.	1.9	18
2775	Comparison of different methods for the isolation of mesenchymal stem cells from umbilical cord matrix: Proliferation and multilineage differentiation as compared to mesenchymal stem cells from umbilical cord blood and bone marrow. <i>Cell Biology International</i> , 2014, 38, 198-210.	1.4	61
2776	Effect of TNF± on osteoblastogenesis from mesenchymal stem cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1209-1213.	1.1	47
2777	Secretion of Shh by a Neurovascular Bundle Niche Supports Mesenchymal Stem Cell Homeostasis in the Adult Mouse Incisor. <i>Cell Stem Cell</i> , 2014, 14, 160-173.	5.2	350
2778	Matrix elasticity, replicative senescence and DNA methylation patterns of mesenchymal stem cells. <i>Biomaterials</i> , 2014, 35, 6351-6358.	5.7	62
2779	How important is differentiation in the therapeutic effect of mesenchymal stromal cells in liver disease?. <i>Cytotherapy</i> , 2014, 16, 309-318.	0.3	22
2780	Hypoxia enhances chondrogenic differentiation of human adipose tissue-derived stromal cells in scaffold-free and scaffold systems. <i>Cell and Tissue Research</i> , 2014, 355, 89-102.	1.5	26
2781	Harnessing Regenerative and Immunomodulatory Properties of Mesenchymal Stem Cells in Transplantation Medicine. , 2014, , 163-175.		1
2782	Treatment of Graft versus Host Disease with Mesenchymal Stromal Cells: A Phase I Study on 40 Adult and Pediatric Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 375-381.	2.0	181
2783	Transdifferentiation of adipogenically differentiated cells into osteogenically or chondrogenically differentiated cells: Phenotype switching via dedifferentiation. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 46, 124-137.	1.2	12
2784	Isolation of adipose tissue mesenchymal stem cells without tissue destruction: A non-enzymatic method. <i>Tissue and Cell</i> , 2014, 46, 54-58.	1.0	66

#	ARTICLE	IF	CITATIONS
2785	Could donor multipotent mesenchymal stromal cells prevent or delay the onset of diabetic retinopathy?. <i>Acta Ophthalmologica</i> , 2014, 92, e86-95.	0.6	21
2786	A Phase 2 Study of Allogeneic Mesenchymal Stromal Cells for Luminal Crohn's Disease Refractory to Biologic Therapy. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 64-71.	2.4	284
2787	Concise Review: Spinal Cord Injuries: How Could Adult Mesenchymal and Neural Crest Stem Cells Take Up the Challenge?. <i>Stem Cells</i> , 2014, 32, 829-843.	1.4	59
2788	Mesenchymal stem cells improve locomotor recovery in traumatic spinal cord injury: Systematic review with meta-analyses of rat models. <i>Neurobiology of Disease</i> , 2014, 62, 338-353.	2.1	125
2789	The Potential Role of Genetically-Modified Pig Mesenchymal Stromal Cells in Xenotransplantation. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 79-85.	5.6	23
2790	Effect of Emdogain enamel matrix derivative and BMP-2 on the gene expression and mineralized nodule formation of alveolar bone proper-derived stem/progenitor cells. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 568-576.	0.7	21
2791	T cells from autoimmune patients display reduced sensitivity to immunoregulation by mesenchymal stem cells: Role of IL-2. <i>Autoimmunity Reviews</i> , 2014, 13, 187-196.	2.5	37
2792	An Experimental Approach to the Generation of Human Embryonic Stem Cells Equivalents. <i>Molecular Biotechnology</i> , 2014, 56, 12-37.	1.3	5
2793	Cell viability and proliferation capability of long-term human dental pulp stem cell cultures. <i>Cytotherapy</i> , 2014, 16, 266-277.	0.3	51
2794	Evaluation of human platelet lysate versus fetal bovine serum for culture of mesenchymal stromal cells. <i>Cytotherapy</i> , 2014, 16, 170-180.	0.3	216
2795	Process engineering of stem cell metabolism for large scale expansion and differentiation in bioreactors. <i>Biochemical Engineering Journal</i> , 2014, 84, 74-82.	1.8	35
2796	Bone Marrow Mesenchymal Stromal Cells to Treat Complications Following Allogeneic Stem Cell Transplantation. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 211-217.	2.5	18
2797	Human Mesenchymal Stromal Cells from Adult and Neonatal Sources: A Comparative In Vitro Analysis of Their Immunosuppressive Properties Against T Cells. <i>Stem Cells and Development</i> , 2014, 23, 1217-1232.	1.1	76
2798	One-Step Surgery With Multipotent Stem Cells for the Treatment of Large Full-Thickness Chondral Defects of the Knee. <i>American Journal of Sports Medicine</i> , 2014, 42, 648-657.	1.9	186
2799	Isolation and Characterization of Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2014, 1109, 47-63.	0.4	26
2800	Sublethal heat shock induces premature senescence rather than apoptosis in human mesenchymal stem cells. <i>Cell Stress and Chaperones</i> , 2014, 19, 355-366.	1.2	44
2801	Unrelated Donor Allogeneic Hematopoietic Stem Cell Transplantation for Patients with Hemoglobinopathies Using a Reduced-Intensity Conditioning Regimen and Third-Party Mesenchymal Stromal Cells. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 581-586.	2.0	54
2802	Regenerative therapy for cardiovascular disease. <i>Translational Research</i> , 2014, 163, 307-320.	2.2	41

#	ARTICLE	IF	CITATIONS
2803	Pre-conditioning mesenchymal stromal cell spheroids for immunomodulatory paracrine factor secretion. <i>Cytotherapy</i> , 2014, 16, 331-345.	0.3	144
2804	Lung Stem and Progenitor Cells in Tissue Homeostasis and Disease. <i>Current Topics in Developmental Biology</i> , 2014, 107, 207-233.	1.0	68
2805	Adult adherent stromal cells in the management of graft-versus-host disease. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 231-246.	1.4	23
2806	Detection of spontaneous tumorigenic transformation during culture expansion of human mesenchymal stromal cells. <i>Experimental Biology and Medicine</i> , 2014, 239, 105-115.	1.1	110
2807	Immunosuppressive properties of mesenchymal stromal cell cultures derived from the limbus of human and rabbit corneas. <i>Cytotherapy</i> , 2014, 16, 64-73.	0.3	46
2808	Cryopreservation of whole adipose tissue for future use in regenerative medicine. <i>Journal of Surgical Research</i> , 2014, 187, 24-35.	0.8	44
2809	Donor Mesenchymal Stromal Cells (MSCs) Undergo Variable Cardiac Reprogramming in Vivo and Predominantly Co-Express Cardiac and Stromal Determinants after Experimental Acute Myocardial Infarction. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 304-315.	5.6	15
2810	Standardization and Safety of Alveolar Bone-derived Stem Cell Isolation. <i>Journal of Dental Research</i> , 2014, 93, 55-61.	2.5	53
2811	Microvesicles as mediators of tissue regeneration. <i>Translational Research</i> , 2014, 163, 286-295.	2.2	73
2812	Modified protocol for improvement of differentiation potential of menstrual blood-derived stem cells into adipogenic lineage. <i>Cell Proliferation</i> , 2014, 47, 615-623.	2.4	41
2813	Mesenchymal stem cell potential in cartilage repair: an update. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 2340-2350.	1.6	40
2814	Concise Review: Different Mesenchymal Stromal/Stem Cell Populations Reside in the Adult Kidney. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1451-1455.	1.6	23
2815	Co-cultures of programmable cells of monocytic origin and mesenchymal stem cells do increase osteogenic differentiation. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1264-1270.	1.2	10
2816	Influenza causes prolonged disruption of the alveolar-capillary barrier in mice unresponsive to mesenchymal stem cell therapy. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L395-L406.	1.3	84
2817	Mesenchymal stromal cells from adipose tissue attached to suture material enhance the closure of enterocutaneous fistulas in a rat model. <i>Cytotherapy</i> , 2014, 16, 1709-1719.	0.3	13
2818	Tryptophan concentration is the main mediator of the capacity of adipose mesenchymal stromal cells to inhibit T-lymphocyte proliferation in vitro. <i>Cytotherapy</i> , 2014, 16, 1679-1691.	0.3	30
2819	Human diploid MRC-5 cells exhibit several critical properties of human umbilical cord-derived mesenchymal stem cells. <i>Vaccine</i> , 2014, 32, 6820-6827.	1.7	20
2820	In vitro extracorporeal shock wave treatment enhances stemness and preserves multipotency of rat and human adipose-derived stem cells. <i>Cytotherapy</i> , 2014, 16, 1666-1678.	0.3	45

#	ARTICLE	IF	CITATIONS
2821	Undifferentiated human adipose-derived stromal/stem cells loaded onto wet spun starch-polycaprolactone scaffolds enhance bone regeneration: Nude mice calvarial defect <i>in vivo</i> study. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3102-3111.	2.1	46
2822	Reflection of stem cell therapy: An epilogue to the "Stem cells and the lung" review series. <i>Respirology</i> , 2014, 19, 5-8.	1.3	1
2823	Viability, growth kinetics and stem cell markers of single and clustered cells in human intervertebral discs: implications for regenerative therapies. <i>European Spine Journal</i> , 2014, 23, 2462-2472.	1.0	22
2824	CD34-positive fibroblasts in Reinke's edema. <i>Laryngoscope</i> , 2014, 124, E73-80.	1.1	11
2825	Sustained expression of coagulation factor IX by modified cord blood-derived mesenchymal stromal cells. <i>Journal of Gene Medicine</i> , 2014, 16, 131-142.	1.4	9
2826	Properties of stem cells isolated from subcutaneous and subepicardial adipose tissues. <i>Cell and Tissue Biology</i> , 2014, 8, 277-282.	0.2	1
2827	Endothelial progenitor cells as a possible component of stem cell niche to promote self-renewal of mesenchymal stem cells. <i>Molecular and Cellular Biochemistry</i> , 2014, 397, 235-243.	1.4	12
2828	A Practical Guide for the Isolation and Maintenance of Stem Cells from Tendon. <i>Methods in Molecular Biology</i> , 2014, 1212, 127-140.	0.4	14
2829	Concise Review: Mesenchymal Stromal Cells Used for Periodontal Regeneration: A Systematic Review. <i>Stem Cells Translational Medicine</i> , 2014, 3, 768-774.	1.6	46
2830	Biocompatibility and hemocompatibility of polyvinyl alcohol hydrogel used for vascular grafting-In vitro and in vivo studies. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, n/a-n/a.	2.1	84
2831	Mesenchymal Stromal Cell Therapy Is Associated With Increased Adenovirus-Associated but Not Cytomegalovirus-Associated Mortality in Children With Severe Acute Graft-Versus-Host Disease. <i>Stem Cells Translational Medicine</i> , 2014, 3, 899-910.	1.6	12
2832	Characteristics of human adipose mesenchymal stem cells isolated from healthy and cancer affected people and their interactions with human breast cancer cell line MCF7 <i>in vitro</i> . <i>Cell Biology International</i> , 2014, 38, 254-265.	1.4	29
2833	Mesenchymal stem cells: mechanisms of potential therapeutic benefit in ARDS and sepsis. <i>Lancet Respiratory Medicine</i> , 2014, 2, 1016-1026.	5.2	222
2834	Cartilage grafts for bone repair and regeneration. , 2014, , 219-243.		1
2835	Regenerative Cell and Tissue-based Therapies for Pulmonary Arterial Hypertension. <i>Canadian Journal of Cardiology</i> , 2014, 30, 1350-1360.	0.8	26
2836	Epigenetic Rejuvenation of Mesenchymal Stromal Cells Derived from Induced Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2014, 3, 414-422.	2.3	192
2837	Systems biology approach to identify alterations in the stem cell reservoir of subcutaneous adipose tissue in a rat model of diabetes: effects on differentiation potential and function. <i>Diabetologia</i> , 2014, 57, 246-256.	2.9	65
2838	Mesenchymal stem cells, autoimmunity and rheumatoid arthritis. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2014, 107, 505-514.	0.2	80

#	ARTICLE	IF	CITATIONS
2839	Cell-based therapy approaches: the hope for incurable diseases. <i>Regenerative Medicine</i> , 2014, 9, 649-672.	0.8	136
2840	Mesenchymal stem cell treatment for chronic renal failure. <i>Stem Cell Research and Therapy</i> , 2014, 5, 83.	2.4	72
2841	Changes in immunological profile of allogeneic mesenchymal stem cells after differentiation: should we be concerned?. <i>Stem Cell Research and Therapy</i> , 2014, 5, 99.	2.4	61
2842	Human Mesenchymal Stem Cell Microvesicles for Treatment of <i>Escherichia coli</i> Endotoxin-Induced Acute Lung Injury in Mice. <i>Stem Cells</i> , 2014, 32, 116-125.	1.4	550
2843	MSC Microvesicles for the Treatment of Lung Disease: A New Paradigm for Cell-Free Therapy. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1905-1915.	2.5	74
2844	Specific Mesothelial Signature Marks the Heterogeneity of Mesenchymal Stem Cells From High-Grade Serous Ovarian Cancer. <i>Stem Cells</i> , 2014, 32, 2998-3011.	1.4	16
2845	Preconditioning Stem Cells for <i>In Vivo</i> Delivery. <i>BioResearch Open Access</i> , 2014, 3, 137-149.	2.6	144
2846	Human Corneal Stromal Stem Cells Exhibit Survival Capacity Following Isolation From Stored Organ "Culture Corneas". , 2014, 55, 7583.		29
2847	Acellular biomaterials in mesenchymal stem cell-mediated endogenous tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2014, 2, 31-35.	2.9	8
2848	A high-throughput polymer microarray approach for identifying defined substrates for mesenchymal stem cells. <i>Biomaterials Science</i> , 2014, 2, 1683-1692.	2.6	11
2849	Mesenchymal Stem Cells Cancel Azoxymethane-Induced Tumor Initiation. <i>Stem Cells</i> , 2014, 32, 913-925.	1.4	38
2850	Concise Review: Bridging the Gap: Bone Regeneration Using Skeletal Stem Cell-Based Strategies "Where Are We Now?. <i>Stem Cells</i> , 2014, 32, 35-44.	1.4	109
2851	Porous silicon scaffolds for stem cells growth and osteodifferentiation. , 2014, , 486-506.		4
2852	Fibrocytes Are Not an Essential Source of Type I Collagen during Lung Fibrosis. <i>Journal of Immunology</i> , 2014, 193, 5229-5239.	0.4	74
2853	Mesenchymal stroma cells trigger early attraction of M1 macrophages and endothelial cells into fibrin hydrogels, stimulating long bone healing without long-term engraftment. <i>Acta Biomaterialia</i> , 2014, 10, 4730-4741.	4.1	85
2854	Impact of <i>Ex Vivo</i> Administration of Mesenchymal Stem Cells on the Function of Kidney Grafts From Cardiac Death Donors in Rat. <i>Transplantation Proceedings</i> , 2014, 46, 1578-1584.	0.3	25
2855	The Gap Between the Physiological and Therapeutic Roles of Mesenchymal Stem Cells. <i>Medicinal Research Reviews</i> , 2014, 34, 1100-1126.	5.0	121
2856	Activated Platelets Interfere with Recruitment of Mesenchymal Stem Cells to Apoptotic Cardiac Cells via High Mobility Group Box 1/Toll-like Receptor 4-mediated Down-regulation of Hepatocyte Growth Factor Receptor MET. <i>Journal of Biological Chemistry</i> , 2014, 289, 11068-11082.	1.6	40

#	ARTICLE	IF	CITATIONS
2857	High Incidence of Contaminating Maternal Cell Overgrowth in Human Placental Mesenchymal Stem/Stromal Cell Cultures: A Systematic Review. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1305-1311.	1.6	36
2858	Kidney Pericytes: Roles in Regeneration and Fibrosis. <i>Seminars in Nephrology</i> , 2014, 34, 374-383.	0.6	120
2859	Bone Marrow Stromal Cell Paracrine Factors Direct Osteo/Odontogenic Differentiation of Dental Pulp Cells. <i>Tissue Engineering - Part A</i> , 2014, 20, 3063-3072.	1.6	22
2860	A New Source of Mesenchymal Stem Cells for Articular Cartilage Repair. <i>American Journal of Sports Medicine</i> , 2014, 42, 592-601.	1.9	92
2862	Derivation of Mesenchymal Stromal Cells from Canine Induced Pluripotent Stem Cells by Inhibition of the TGF β 2/Activin Signaling Pathway. <i>Stem Cells and Development</i> , 2014, 23, 3021-3033.	1.1	38
2863	Adhesion and Proliferation of Human Mesenchymal Stem Cells from Dental Pulp on Porous Silicon Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1719-1728.	4.0	62
2864	Mesenchymal stem cell therapy in treatment of erectile dysfunction: Autologous or allogeneic cell sources?. <i>International Journal of Urology</i> , 2014, 21, 1280-1285.	0.5	27
2865	Generation of handmade cloned embryos from adipose tissue derived mesenchymal stem cells in goat. <i>Small Ruminant Research</i> , 2014, 121, 340-350.	0.6	5
2866	Parathyroid Hormone Enhances Hematopoietic Expansion Via Upregulation of Cadherin-11 in Bone Marrow Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2014, 32, 2245-2255.	1.4	29
2868	Very small embryonic-like stem cells as a novel developmental concept and the hierarchy of the stem cell compartment. <i>Advances in Medical Sciences</i> , 2014, 59, 273-280.	0.9	42
2869	Isolation and Characterization of Mesenchymal Progenitor Cells From Human Orbital Adipose Tissue. , 2014, 55, 4842.		20
2870	Diet composition transiently modulates proliferative and potency features of human cord blood-derived mesenchymal stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 55, 269-278.	1.2	5
2871	GMP-Compliant Human Adipose Tissue-Derived Mesenchymal Stem Cells for Cellular Therapy. <i>Methods in Molecular Biology</i> , 2014, 1283, 93-107.	0.4	32
2872	Secreted adiponectin as a marker to evaluate in vitro the adipogenic differentiation of human mesenchymal stromal cells. <i>Cytotherapy</i> , 2014, 16, 1476-1485.	0.3	35
2873	Biomaterialâ€Mesenchymal Stem Cell Constructs for Immunomodulation in Composite Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2014, 20, 2162-2168.	1.6	58
2874	Influence of a dual-injection regimen, plerixafor and CXCR4 on in utero hematopoietic stem cell transplantation and engraftment with use of the sheep model. <i>Cytotherapy</i> , 2014, 16, 1280-1293.	0.3	10
2875	TRAIL-secreting mesenchymal stem cells promote apoptosis in heat-shock-treated liver cancer cells and inhibit tumor growth in nude mice. <i>Gene Therapy</i> , 2014, 21, 317-327.	2.3	37
2876	CD34 measurement: setting standards. <i>Cytotherapy</i> , 2014, 16, 1451-1452.	0.3	0

#	ARTICLE	IF	CITATIONS
2877	Concise Review: Evidence for CD34 as a Common Marker for Diverse Progenitors. <i>Stem Cells</i> , 2014, 32, 1380-1389.	1.4	649
2878	Directing chondrogenic differentiation of mesenchymal stem cells with a solid-supported chitosan thermogel for cartilage tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2014, 9, 035008.	1.7	42
2879	Bone marrow derived stem cells in joint and bone diseases: a concise review. <i>International Orthopaedics</i> , 2014, 38, 1787-1801.	0.9	37
2880	Bone marrow mesenchymal stem cells from aplastic anemia patients preserve functional and immune properties and do not contribute to the pathogenesis of the disease. <i>Experimental Hematology</i> , 2014, 42, S50.	0.2	0
2881	Bone-Like Mineral Nucleating Peptide Nanofibers Induce Differentiation of Human Mesenchymal Stem Cells into Mature Osteoblasts. <i>Biomacromolecules</i> , 2014, 15, 2407-2418.	2.6	44
2882	The role of catecholamines in mesenchymal stem cell fate. <i>Cell and Tissue Research</i> , 2014, 358, 651-665.	1.5	15
2883	Scalable Ex Vivo Expansion of Human Mesenchymal Stem/Stromal Cells in Microcarrier-Based Stirred Culture Systems. <i>Methods in Molecular Biology</i> , 2014, 1283, 147-159.	0.4	17
2884	Direct contacts with colon cancer cells regulate the differentiation of bone marrow mesenchymal stem cells into tumor associated fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 68-73.	1.0	30
2885	Reference materials for cellular therapeutics. <i>Cytotherapy</i> , 2014, 16, 1187-1196.	0.3	8
2886	Proliferative and phenotypical characteristics of human adipose tissue-derived stem cells: comparison of Ficoll gradient centrifugation and red blood cell lysis buffer treatment purification methods. <i>Cytotherapy</i> , 2014, 16, 1220-1228.	0.3	22
2887	Long-term tumor necrosis factor treatment induces NF- κ B activation and proliferation, but not osteoblastic differentiation of adipose tissue-derived mesenchymal stem cells in vitro. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 54, 149-162.	1.2	7
2888	ACL injuries and stem cell therapy. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2014, 134, 1573-1578.	1.3	25
2889	3D bioprinting of tissues and organs. <i>Nature Biotechnology</i> , 2014, 32, 773-785.	9.4	5,158
2890	<i>In vitro</i> and <i>in vivo</i> biocompatibility of multi-walled carbon nanotube/biodegradable polymer nanocomposite for bone defects repair. <i>Journal of Bioactive and Compatible Polymers</i> , 2014, 29, 350-367.	0.8	8
2891	Recruited Brain Tumor-Derived Mesenchymal Stem Cells Contribute to Brain Tumor Progression. <i>Stem Cells</i> , 2014, 32, 1110-1123.	1.4	89
2892	Immunophenotype and gene expression profile of mesenchymal stem cells derived from canine adipose tissue and bone marrow. <i>Veterinary Immunology and Immunopathology</i> , 2014, 161, 21-31.	0.5	70
2893	Up-regulation of CXCR4 in rat umbilical mesenchymal stem cells induced by serum from rat with acute liver failure promotes stem cells migration to injured liver tissue. <i>Molecular and Cellular Biochemistry</i> , 2014, 396, 107-116.	1.4	16
2894	Mesenchymal Stem Cells from Human Fat Engineered to Secrete BMP4 Are Nononcogenic, Suppress Brain Cancer, and Prolong Survival. <i>Clinical Cancer Research</i> , 2014, 20, 2375-2387.	3.2	70

#	ARTICLE	IF	CITATIONS
2895	Application of Adipose-Derived Stem Cells in Heart Disease. <i>Journal of Cardiovascular Translational Research</i> , 2014, 7, 651-663.	1.1	32
2896	Inhibition of DNA methylation enhances HLA-G expression in human mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 753-759.	1.0	20
2897	MSCs and hyaluronan: Sticking together for new therapeutic potential?. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 55, 1-10.	1.2	25
2898	Adipose-Derived Mesenchymal Stromal Cells From Aged Patients With Coronary Artery Disease Keep Mesenchymal Stromal Cell Properties but Exhibit Characteristics of Aging and Have Impaired Angiogenic Potential. <i>Stem Cells Translational Medicine</i> , 2014, 3, 32-41.	1.6	104
2899	Obtainment of mesenchymal stem cells by surgeons. <i>Formosan Journal of Surgery</i> , 2014, 47, 166-170.	0.1	1
2900	Structural investigation of donor age effect on human bone marrow mesenchymal stem cells: FTIR spectroscopy and imaging. <i>Age</i> , 2014, 36, 9691.	3.0	9
2901	Porous Membranes Promote Endothelial Differentiation of Adipose-Derived Stem Cells and Perivascular Interactions. <i>Cellular and Molecular Bioengineering</i> , 2014, 7, 369-378.	1.0	40
2902	Is the mesenchymal stem cell a new hope for the management of COPD?. <i>Current Respiratory Care Reports</i> , 2014, 3, 112-120.	0.6	1
2903	Intracellular trafficking and endocytosis of CXCR4 in fetal mesenchymal stem/stromal cells. <i>BMC Cell Biology</i> , 2014, 15, 15.	3.0	43
2904	Endometrial stem cells in regenerative medicine. <i>Journal of Biological Engineering</i> , 2014, 8, 20.	2.0	60
2905	Nestin expression in mesenchymal stromal cells: regulation by hypoxia and osteogenesis. <i>BMC Veterinary Research</i> , 2014, 10, 173.	0.7	24
2906	Substrate and strain alter the muscle-derived mesenchymal stem cell secretome to promote myogenesis. <i>Stem Cell Research and Therapy</i> , 2014, 5, 74.	2.4	45
2907	â€œMesenchymalâ€•Stem Cells. <i>Annual Review of Cell and Developmental Biology</i> , 2014, 30, 677-704.	4.0	345
2908	Improved differentiation of umbilical cord blood-derived mesenchymal stem cells into insulin-producing cells by PDX-1 mRNA transfection. <i>Differentiation</i> , 2014, 87, 200-208.	1.0	34
2909	Clinical Translation of Multipotent Mesenchymal Stromal Cells in Transplantation. <i>Seminars in Nephrology</i> , 2014, 34, 351-364.	0.6	7
2910	Three-Dimensional Aggregates of Mesenchymal Stem Cells: Cellular Mechanisms, Biological Properties, and Applications. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 365-380.	2.5	318
2911	Transitory improvement of articular cartilage characteristics after implantation of polylactide:polyglycolic acid (PLGA) scaffolds seeded with autologous mesenchymal stromal cells in a sheep model of critical-sized chondral defect. <i>Biotechnology Letters</i> , 2014, 36, 2143-2153.	1.1	22
2913	Comparative immunophenotyping of equine multipotent mesenchymal stromal cells: An approach toward a standardized definition. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 678-687.	1.1	57

#	ARTICLE	IF	CITATIONS
2914	Regulatory authorities and orthopaedic clinical trials on expanded mesenchymal stem cells. <i>International Orthopaedics</i> , 2014, 38, 1803-1809.	0.9	19
2915	Amniotic fluid-derived mesenchymal stem cells: characteristics and therapeutic applications. <i>Archives of Gynecology and Obstetrics</i> , 2014, 290, 223-231.	0.8	27
2916	The role of mesenchymal stem cells in bone repair and regeneration. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2014, 24, 257-262.	0.6	20
2917	Ultrasound Effect on Neural Differentiation of Gingival Stem/Progenitor Cells. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1406-1412.	1.3	36
2918	Mesenchymal Stromal Cells of Rat Spleen during Pre-and Postnatal Ontogeny: Comparative Analysis of Clonal Growth, Phenotype and Differentiation Potencies. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 156, 571-577.	0.3	1
2919	Immunoregulation Effects of Bone Marrow-Derived Mesenchymal Stem Cells in Xenogeneic Acellular Nerve Grafts Transplant. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 999-1010.	1.7	11
2920	Putative mesenchymal stem cells isolated from adult human ovaries. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 959-974.	1.2	18
2921	Managing the potential and pitfalls during clinical translation of emerging stem cell therapies. <i>Clinical and Translational Medicine</i> , 2014, 3, 10.	1.7	37
2922	Efficacy and safety of mesenchymal stromal cells in preclinical models of acute lung injury: a systematic review protocol. <i>Systematic Reviews</i> , 2014, 3, 48.	2.5	32
2923	Cell-based therapy in lung regenerative medicine. <i>Regenerative Medicine Research</i> , 2014, 2, 7.	2.2	37
2924	Equine mesenchymal stem cells from bone marrow, adipose tissue and umbilical cord: immunophenotypic characterization and differentiation potential. <i>Stem Cell Research and Therapy</i> , 2014, 5, 25.	2.4	110
2925	Thrombin promotes fibronectin secretion by bone marrow mesenchymal stem cells via the protease-activated receptor mediated signalling pathways. <i>Stem Cell Research and Therapy</i> , 2014, 5, 36.	2.4	17
2926	Intraarterial transplantation of human umbilical cord blood mononuclear cells is more efficacious and safer compared with umbilical cord mesenchymal stromal cells in a rodent stroke model. <i>Stem Cell Research and Therapy</i> , 2014, 5, 45.	2.4	52
2927	Gene markers of cellular aging in human multipotent stromal cells in culture. <i>Stem Cell Research and Therapy</i> , 2014, 5, 59.	2.4	50
2928	Cord blood <scp>CD</scp>34+ cells expanded on <scp>W</scp>harton's jelly multipotent mesenchymal stromal cells improve the hematopoietic engraftment in NOD/SCID mice. <i>European Journal of Haematology</i> , 2014, 93, 384-391.	1.1	8
2929	Static versus vacuum cell seeding on high and low porosity ceramic scaffolds. <i>Journal of Biomaterials Applications</i> , 2014, 29, 3-13.	1.2	25
2930	A potentially scalable method for the harvesting of hMSCs from microcarriers. <i>Biochemical Engineering Journal</i> , 2014, 85, 79-88.	1.8	127
2931	Cocultures of Mesenchymal Stem Cells and Endothelial Cells As Organotypic Models of Prostate Cancer Metastasis. <i>Molecular Pharmaceutics</i> , 2014, 11, 2126-2133.	2.3	15

#	ARTICLE	IF	CITATIONS
2932	Characterization of Highly Osteoblast/Cementoblast Cell Clones From a CD105-Enriched Periodontal Ligament Progenitor Cell Population. <i>Journal of Periodontology</i> , 2014, 85, e205-e211.	1.7	23
2933	Progress towards cell-based burn wound treatments. <i>Regenerative Medicine</i> , 2014, 9, 201-218.	0.8	36
2934	Progenitor cells of the distal lung and their potential role in neonatal lung disease. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 217-226.	1.6	18
2935	Neurogenin 2 Converts Mesenchymal Stem Cells into a Neural Precursor Fate and Improves Functional Recovery after Experimental Stroke. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 847-858.	1.1	18
2936	Mesenchymal stem cells and transplant tolerance. <i>Nephrology</i> , 2014, 19, 369-374.	0.7	3
2937	Human Adipose-Derived Stromal/Stem Cell Isolation, Culture, and Osteogenic Differentiation. <i>Methods in Enzymology</i> , 2014, 538, 67-88.	0.4	11
2938	Tooth Storage, Dental Pulp Stem Cell Isolation, and Clinical Scale Expansion without Animal Serum. <i>Journal of Endodontics</i> , 2014, 40, 652-657.	1.4	24
2939	Decreased frequency, but normal functional integrity of mesenchymal stromal cells derived from untreated and Imatinib-treated chronic myeloid leukemia patients. <i>Leukemia Research</i> , 2014, 38, 594-600.	0.4	9
2940	Differentiation of Stem Cells from Human Infrapatellar Fat Pad: Characterization of Cells Undergoing Chondrogenesis. <i>Tissue Engineering - Part A</i> , 2014, 20, 2213-2223.	1.6	29
2941	microRNA-495 Inhibits Chondrogenic Differentiation in Human Mesenchymal Stem Cells by Targeting <i>Sox9</i> . <i>Stem Cells and Development</i> , 2014, 23, 1798-1808.	1.1	79
2942	Mesenchymal stem/stromal cells in post-menopausal endometrium. <i>Human Reproduction</i> , 2014, 29, 1895-1905.	0.4	74
2943	Treatment of osteoarthritis with mesenchymal stem cells. <i>Science China Life Sciences</i> , 2014, 57, 586-595.	2.3	25
2944	The regulatory sciences for stem cell-based medicinal products. <i>Frontiers of Medicine</i> , 2014, 8, 190-200.	1.5	11
2945	Endoglin for Targeted Cancer Treatment. <i>Current Oncology Reports</i> , 2014, 16, 365.	1.8	83
2946	Fat and Bone Interactions. <i>Current Osteoporosis Reports</i> , 2014, 12, 235-242.	1.5	69
2947	Mesenchymal Stem Cell Therapy for Cardiac Repair. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2014, 16, 323.	0.4	43
2948	The Time-Dependent Manner of Sinusoidal Electromagnetic Fields on Rat Bone Marrow Mesenchymal Stem Cells Proliferation, Differentiation, and Mineralization. <i>Cell Biochemistry and Biophysics</i> , 2014, 69, 47-54.	0.9	27
2949	Therapeutic Doses of Multipotent Stromal Cells from Minimal Adipose Tissue. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 600-611.	5.6	22

#	ARTICLE	IF	CITATIONS
2950	Isolation and in Vitro Characterization of Bovine Amniotic Fluid Derived Stem Cells at Different Trimesters of Pregnancy. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 712-724.	5.6	54
2951	Alkaline Phosphatase Expression/Activity and Multilineage Differentiation Potential are the Differences Between Fibroblasts and Orbital Fat-Derived Stem Cells – A Study in Animal Serum-Free Culture Conditions. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 697-711.	5.6	20
2952	Update on Therapeutic Mechanism for Bone Marrow Stromal Cells in Ischemic Stroke. <i>Journal of Molecular Neuroscience</i> , 2014, 52, 177-185.	1.1	28
2953	Mesenchymal stem cell therapy and acute graft-versus-host disease: a review. <i>Human Cell</i> , 2014, 27, 137-150.	1.2	100
2954	miRNA Expression in Mesenchymal Stem Cells. <i>Current Pathobiology Reports</i> , 2014, 2, 101-107.	1.6	6
2955	Identification of a common reference gene pair for qPCR in human mesenchymal stromal cells from different tissue sources treated with VEGF. <i>BMC Molecular Biology</i> , 2014, 15, 11.	3.0	32
2956	Human multipotent mesenchymal stem cells improve healing after collagenase tendon injury in the rat. <i>BioMedical Engineering OnLine</i> , 2014, 13, 42.	1.3	48
2957	Good manufacturing practice-compliant isolation and culture of human umbilical cord blood-derived mesenchymal stem cells. <i>Journal of Translational Medicine</i> , 2014, 12, 56.	1.8	62
2958	Identification of mesenchymal stem cells and osteogenic factors in bone marrow aspirate and peripheral blood for spinal fusion by flow cytometry and proteomic analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 32.	0.9	11
2959	TGF- β 2 stimulation in human and murine cells reveals commonly affected biological processes and pathways at transcription level. <i>BMC Systems Biology</i> , 2014, 8, 55.	3.0	33
2960	A fibrin/hyaluronic acid hydrogel for the delivery of mesenchymal stem cells and potential for articular cartilage repair. <i>Journal of Biological Engineering</i> , 2014, 8, 10.	2.0	119
2961	Human placenta-derived adherent cells induce tolerogenic immune responses. <i>Clinical and Translational Immunology</i> , 2014, 3, e14.	1.7	42
2962	Tackling the cancer stem cells – what challenges do they pose?. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 497-512.	21.5	831
2963	Induced Pluripotent Stem Cells from Human Placental Chorion for Perinatal Tissue Engineering Applications. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 731-740.	1.1	15
2964	A horse of a different color. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 658-659.	1.1	6
2965	Sequential Third-Party Mesenchymal Stromal Cell Therapy for Refractory Acute Graft-versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 1580-1585.	2.0	99
2966	Multipotential Aspects of Breast Periprosthetic Capsule Stem Cells. , 2014, , 573-585.		0
2967	The global landscape of stem cell clinical trials. <i>Regenerative Medicine</i> , 2014, 9, 27-39.	0.8	143

#	ARTICLE	IF	CITATIONS
2968	Production of Good Manufacturing Practice-Grade Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells for Therapeutic Use. <i>Methods in Molecular Biology</i> , 2014, 1283, 73-85.	0.4	9
2969	Updates in biological therapies for knee injuries: anterior cruciate ligament. <i>Current Reviews in Musculoskeletal Medicine</i> , 2014, 7, 228-238.	1.3	18
2970	Toward in situ tissue engineering: chemokine-guided stem cell recruitment. <i>Trends in Biotechnology</i> , 2014, 32, 483-492.	4.9	124
2971	Polysome Profiling Shows the Identity of Human Adipose-Derived Stromal/Stem Cells in Detail and Clearly Distinguishes Them from Dermal Fibroblasts. <i>Stem Cells and Development</i> , 2014, 23, 2791-2802.	1.1	9
2972	Amino-ε-polyvinyl Alcohol Coated Superparamagnetic Iron Oxide Nanoparticles are Suitable for Monitoring of Human Mesenchymal Stromal Cells In Vivo. <i>Small</i> , 2014, 10, 4340-4351.	5.2	25
2973	Stem Cells: A Promising Source for Vascular Regenerative Medicine. <i>Stem Cells and Development</i> , 2014, 23, 2931-2949.	1.1	24
2974	Standard Operating Procedure for the Good Manufacturing Practice-Compliant Production of Human Bone Marrow Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2014, 1283, 171-186.	0.4	8
2975	Combining Freshly Isolated Chondroprogenitor Cells from the Infrapatellar Fat Pad with a Growth Factor Delivery Hydrogel as a Putative Single Stage Therapy for Articular Cartilage Repair. <i>Tissue Engineering - Part A</i> , 2014, 20, 930-939.	1.6	23
2976	Differential Efficacy of Human Mesenchymal Stem Cells Based on Source of Origin. <i>Journal of Immunology</i> , 2014, 193, 4381-4390.	0.4	53
2977	Dopamine Mobilizes Mesenchymal Progenitor Cells Through D2-Class Receptors and Their PI3K/AKT Pathway. <i>Stem Cells</i> , 2014, 32, 2529-2538.	1.4	8
2978	Basic fibroblast growth factor modifies the hypoxic response of human bone marrow stromal cells by ERK-mediated enhancement of HIF-1 α activity. <i>Stem Cell Research</i> , 2014, 12, 646-658.	0.3	19
2979	Adipose tissue-derived stem cells expressing cardiac progenitor markers: The best source of mesenchymal stem cells for cardiovascular repair?. <i>International Journal of Cardiology</i> , 2014, 174, 451-452.	0.8	3
2980	Translational Opportunities in Stem Cell-based Endodontic Therapy: Where Are We and What Are We Missing?. <i>Journal of Endodontics</i> , 2014, 40, S82-S85.	1.4	12
2981	A Mouse Bone Marrow Stromal Cell Line with Skeletal Stem Cell Characteristics to Study Osteogenesis In Vitro and In Vivo. <i>Stem Cells and Development</i> , 2014, 23, 1097-1108.	1.1	9
2982	Systematic review: the effects of autologous stem cell therapy for patients with liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2014, 39, 673-685.	1.9	56
2983	Novel markers of osteogenic and adipogenic differentiation of human bone marrow stromal cells identified using a quantitative proteomics approach. <i>Stem Cell Research</i> , 2014, 12, 153-165.	0.3	155
2984	Efficient manufacturing of therapeutic mesenchymal stromal cells with the use of the Quantum Cell Expansion System. <i>Cytotherapy</i> , 2014, 16, 1048-1058.	0.3	128
2985	Extensive CD44-dependent hyaluronan coats on human bone marrow-derived mesenchymal stem cells produced by hyaluronan synthases HAS1, HAS2 and HAS3. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 48, 45-54.	1.2	55

#	ARTICLE	IF	CITATIONS
2986	Repetitive allogeneic intraarticular injections of synovial mesenchymal stem cells promote meniscus regeneration in a porcine massive meniscus defect model. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 941-950.	0.6	134
2987	Retropatellar fat padâ€‘derived stem cells from older osteoarthritic patients have lesser differentiation capacity and expression of stemness genes. <i>Cytotherapy</i> , 2014, 16, 599-611.	0.3	13
2988	Co-culture with human synovium-derived mesenchymal stem cells inhibits inflammatory activity and increases cell proliferation of sodium nitroprusside-stimulated chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 715-720.	1.0	29
2989	Osterix Marks Distinct Waves of Primitive and Definitive Stromal Progenitors during Bone Marrow Development. <i>Developmental Cell</i> , 2014, 29, 340-349.	3.1	365
2990	In vitro induction of alkaline phosphatase levels predicts in vivo bone forming capacity of human bone marrow stromal cells. <i>Stem Cell Research</i> , 2014, 12, 428-440.	0.3	126
2991	A fat option for the pig: Hepatocytic differentiated mesenchymal stem cells for translational research. <i>Experimental Cell Research</i> , 2014, 321, 267-275.	1.2	22
2992	Expanded cryopreserved mesenchymal stromal cells as an optimal source for graft-versus-host disease treatment. <i>Biologicals</i> , 2014, 42, 139-144.	0.5	15
2993	The effects of actin cytoskeleton perturbation on keratin intermediate filament formation in mesenchymal stem/stromal cells. <i>Biomaterials</i> , 2014, 35, 3934-3944.	5.7	29
2994	Membrane culture and reduced oxygen tension enhances cartilage matrix formation from equine cord blood mesenchymal stromal cells in vitro. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 472-480.	0.6	31
2995	Cryopreservation of hMSCs seeded silk nanofibers based tissue engineered constructs. <i>Cryobiology</i> , 2014, 68, 332-342.	0.3	33
2996	Mutational analysis of bone marrow mesenchymal stromal cells in myeloid malignancies. <i>Experimental Hematology</i> , 2014, 42, 731-733.	0.2	4
2997	Identification of a Cell-of-Origin for Fibroblasts Comprising the Fibrotic Reticulum in Idiopathic Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2014, 184, 1369-1383.	1.9	67
2998	Evaluation of gametogenic potential of vitrified human umbilical cord Wharton's jellyâ€‘derived mesenchymal cells. <i>Cytotherapy</i> , 2014, 16, 203-212.	0.3	14
2999	Polyhydroxyalkanoates: Waste glycerol upgrade into electrospun fibrous scaffolds for stem cells culture. <i>International Journal of Biological Macromolecules</i> , 2014, 71, 131-140.	3.6	29
3000	Establishment of bone marrow and hematopoietic niches in vivo by reversion of chondrocyte differentiation of human bone marrow stromal cells. <i>Stem Cell Research</i> , 2014, 12, 659-672.	0.3	78
3001	Cotransplantation of Bone Marrow Mononuclear Cells and Umbilical Cord Mesenchymal Stem Cells in Avascular Necrosis of the Femoral Head. <i>Transplantation Proceedings</i> , 2014, 46, 151-155.	0.3	26
3002	c-Kit identifies a subpopulation of mesenchymal stem cells in adipose tissue with higher telomerase expression and differentiation potential. <i>Differentiation</i> , 2014, 87, 147-160.	1.0	44
3003	Amniotic fluid derived mesenchymal stromal cells augment fetal lung growth in a nitrofen explant model. <i>Journal of Pediatric Surgery</i> , 2014, 49, 859-865.	0.8	36

#	ARTICLE	IF	CITATIONS
3004	Incremental benefits of repeated mesenchymal stromal cell administration compared with solitary intervention after myocardial infarction. <i>Cytotherapy</i> , 2014, 16, 460-470.	0.3	20
3005	Autologous mesenchymal stromal cell infusion as adjunct treatment in patients with multidrug and extensively drug-resistant tuberculosis: an open-label phase 1 safety trial. <i>Lancet Respiratory Medicine</i> , 2014, 2, 108-122.	5.2	115
3006	Effect of oxygen tension on proliferation and characteristics of Wharton's jelly-derived mesenchymal stem cells. <i>Biomarkers and Genomic Medicine</i> , 2014, 6, 43-48.	0.2	22
3007	Human mesenchymal stromal cell transplantation modulates neuroinflammatory milieu in a mouse model of amyotrophic lateral sclerosis. <i>Cytotherapy</i> , 2014, 16, 1059-1072.	0.3	79
3008	Low oxygen atmosphere facilitates proliferation and maintains undifferentiated state of umbilical cord mesenchymal stem cells in an hypoxia inducible factor-dependent manner. <i>Cytotherapy</i> , 2014, 16, 881-892.	0.3	71
3009	Distinct phenotype and therapeutic potential of gingival fibroblasts. <i>Cytotherapy</i> , 2014, 16, 1171-1186.	0.3	61
3010	Macrophage Migration Inhibitory Factor Regulates AKT Signaling in Hypoxic Culture to Modulate Senescence of Human Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2014, 23, 852-865.	1.1	55
3011	Mesenchymal Stem Cell Population Derived from Human Pluripotent Stem Cells Displays Potent Immunomodulatory and Therapeutic Properties. <i>Stem Cells and Development</i> , 2014, 23, 1611-1624.	1.1	153
3012	Transplants of Adult Mesenchymal and Neural Stem Cells Provide Neuroprotection and Behavioral Sparing in a Transgenic Rat Model of Huntington's Disease. <i>Stem Cells</i> , 2014, 32, 500-509.	1.4	59
3013	Stem cells: potential and challenges for kidney repair. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F12-F23.	1.3	23
3014	Isolation, Culture, In-Vitro Differentiation and Characterization of Canine Adult Mesenchymal Stem Cells. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2014, 84, 875-884.	0.4	2
3015	Augmentation of engineered cartilage to bone integration using hydroxyapatite. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 922-932.	1.6	23
3016	Use of mesenchymal stem cells for cutaneous repair and skin substitute elaboration. <i>Pathologie Et Biologie</i> , 2014, 62, 108-117.	2.2	33
3017	Human mesenchymal stem cells express a myofibroblastic phenotype in vitro: comparison to human cardiac myofibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2014, 392, 187-204.	1.4	23
3018	Modulation of mesenchymal stromal cell characteristics by microcarrier culture in bioreactors. <i>Biotechnology and Bioengineering</i> , 2014, 111, 2290-2302.	1.7	66
3019	Mesenchymal Stem Cells from Pediatric Patients with Aplastic Anemia: Isolation, Characterization, Adipogenic, and Osteogenic Differentiation. <i>Fetal and Pediatric Pathology</i> , 2014, 33, 9-15.	0.4	15
3020	Biological Characteristics of Human-Urine-Derived Stem Cells: Potential for Cell-Based Therapy in Neurology. <i>Tissue Engineering - Part A</i> , 2014, 20, 1794-1806.	1.6	87
3021	Mesenchymal stromal cells in the antimicrobial host response of hematopoietic stem cell recipients with graft-versus-host disease: "friends or foes?". <i>Leukemia</i> , 2014, 28, 1941-1948.	3.3	26

#	ARTICLE	IF	CITATIONS
3022	Directed Differentiation of Human Induced Pluripotent Stem Cells Toward Bone and Cartilage: In Vitro Versus In Vivo Assays. <i>Stem Cells Translational Medicine</i> , 2014, 3, 867-878.	1.6	84
3023	Mesenchymal Stem Cell Priming: Fine-tuning Adhesion and Function. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 587-599.	5.6	60
3024	Generation of a Biomimetic Human Artificial Cornea Model Using Wharton's Jelly Mesenchymal Stem Cells. , 2014, 55, 4073.		63
3025	The Histone Acetylase Activator Pentadecylidenemalonate 1b Rescues Proliferation and Differentiation in the Human Cardiac Mesenchymal Cells of Type 2 Diabetic Patients. <i>Diabetes</i> , 2014, 63, 2132-2147.	0.3	66
3026	Valproic acid promotes differentiation of hepatocyte-like cells from whole human umbilical cord-derived mesenchymal stem cells. <i>Tissue and Cell</i> , 2014, 46, 127-135.	1.0	45
3027	Immortalization of human adipose-derived stromal cells: production of cell lines with high growth rate, mesenchymal marker expression and capability to secrete high levels of angiogenic factors. <i>Stem Cell Research and Therapy</i> , 2014, 5, 63.	2.4	51
3028	Generation and Characterization of an Immortalized Human Mesenchymal Stromal Cell Line. <i>Stem Cells and Development</i> , 2014, 23, 2377-2389.	1.1	38
3029	Isolation of Mesenchymal Stromal Cells from Extraembryonic Tissues and Their Characteristics. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 157, 119-124.	0.3	19
3030	Human mesenchymal stem cells alter macrophage phenotype and promote regeneration via homing to the kidney following ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F1222-F1235.	1.3	119
3031	CXCR-7 receptor promotes SDF-1 α -induced migration of bone marrow mesenchymal stem cells in the transient cerebral ischemia/reperfusion rat hippocampus. <i>Brain Research</i> , 2014, 1575, 78-86.	1.1	47
3032	Ontology analysis of global gene expression differences of human bone marrow stromal cells cultured on 3D scaffolds or 2D films. <i>Biomaterials</i> , 2014, 35, 6716-6726.	5.7	32
3033	Adipogenic differentiation potential of rat adipose tissue-derived subpopulations of stromal cells. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 1427-1435.	0.5	17
3034	Lung-Derived Factors Mediate Breast Cancer Cell Migration through CD44 Receptor-Ligand Interactions in a Novel Ex Vivo System for Analysis of Organ-Specific Soluble Proteins. <i>Neoplasia</i> , 2014, 16, 180-W27.	2.3	31
3035	Decreased bone marrow stromal cells activity involves in unilateral anterior crossbite-induced early subchondral bone loss of temporomandibular joints. <i>Archives of Oral Biology</i> , 2014, 59, 962-969.	0.8	18
3036	miR-140-5p suppresses BMP2-mediated osteogenesis in undifferentiated human mesenchymal stem cells. <i>FEBS Letters</i> , 2014, 588, 2957-2963.	1.3	123
3037	Paracrine regulation of fetal lung morphogenesis using human placenta-derived mesenchymal stromal cells. <i>Journal of Surgical Research</i> , 2014, 190, 255-263.	0.8	21
3038	A role for c-Kit in the maintenance of undifferentiated human mesenchymal stromal cells. <i>Biomaterials</i> , 2014, 35, 3618-3626.	5.7	17
3039	Effects of directly autotransplanted tibial bone marrow aspirates on bone regeneration and osseointegration of dental implants. <i>Clinical Oral Implants Research</i> , 2014, 25, 468-474.	1.9	19

#	ARTICLE	IF	CITATIONS
3040	The Roles of Bone Morphogenetic Proteins and Their Signaling in the Osteogenesis of Adipose-Derived Stem Cells. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 84-92.	2.5	64
3041	Fascia tissue engineering with human adipose-derived stem cells in a murine model: Implications for pelvic floor reconstruction. <i>Journal of the Formosan Medical Association</i> , 2014, 113, 704-715.	0.8	25
3042	The effect of five proteins on stem cells used for osteoblast differentiation and proliferation: a current review of the literature. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 113-142.	2.4	83
3043	<i>In vitro</i> characterization of macrophage interaction with mesenchymal stromal cell-hyaluronan hydrogel constructs. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 890-902.	2.1	35
3044	Amide-Type Local Anesthetics and Human Mesenchymal Stem Cells: Clinical Implications for Stem Cell Therapy. <i>Stem Cells Translational Medicine</i> , 2014, 3, 365-374.	1.6	33
3045	Effects of Polyethylene Glycol Administration and Bone Marrow Stromal Cell Transplantation Therapy in Spinal Cord Injury Mice. <i>Journal of Veterinary Medical Science</i> , 2014, 76, 415-421.	0.3	10
3046	Cell-based Therapy for Acute Organ Injury. <i>Anesthesiology</i> , 2014, 121, 1099-1121.	1.3	127
3047	Role of mesenchymal stem cells in cell life and their signaling. <i>World Journal of Stem Cells</i> , 2014, 6, 24.	1.3	19
3048	Stem Cells on Biomaterials for Synthetic Grafts to Promote Vascular Healing. <i>Journal of Clinical Medicine</i> , 2014, 3, 39-87.	1.0	25
3049	Stem Cell Treatment for Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2014, 15, 19226-19238.	1.8	43
3050	Mesenchymal stem cells: Emerging mechanisms of immunomodulation and therapy. <i>World Journal of Stem Cells</i> , 2014, 6, 526.	1.3	335
3051	Stem Cell Banking for Regenerative and Personalized Medicine. <i>Biomedicines</i> , 2014, 2, 50-79.	1.4	50
3052	Mesenchymal Stem Cells for Regenerative Therapy: Optimization of Cell Preparation Protocols. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	169
3053	Expression of Glucagon-Like Peptide 1 Receptor during Osteogenic Differentiation of Adipose-Derived Stem Cells. <i>Endocrinology and Metabolism</i> , 2014, 29, 567.	1.3	27
3054	Neurotrauma and mesenchymal stem cells treatment: From experimental studies to clinical trials. <i>World Journal of Stem Cells</i> , 2014, 6, 179.	1.3	38
3055	Mesenchymal stem cells in treating autism: Novel insights. <i>World Journal of Stem Cells</i> , 2014, 6, 173.	1.3	21
3056	Therapeutic Potential of Human Adipose-Derived Stem Cells (ADSCs) from Cancer Patients: A Pilot Study. <i>PLoS ONE</i> , 2014, 9, e113288.	1.1	47
3057	Mesenchymal Stem Cells in Regenerative Medicine for Musculoskeletal Diseases: Bench, Bedside, and Industry. <i>Cell Transplantation</i> , 2014, 23, 505-512.	1.2	68

#	ARTICLE	IF	CITATIONS
3059	Osteogenic potential: Comparison between bone marrow and adipose-derived mesenchymal stem cells. <i>World Journal of Stem Cells</i> , 2014, 6, 288.	1.3	174
3060	Response of Adipose Tissue-Derived Stromal Cells in Tissue-Related O ₂ Microenvironment to Short-Term Hypoxic Stress. <i>Cells Tissues Organs</i> , 2014, 200, 307-315.	1.3	17
3061	Bone mesenchymal stem cell transplantation via four routes for the treatment of acute liver failure in rats. <i>International Journal of Molecular Medicine</i> , 2014, 34, 987-996.	1.8	44
3062	Adipose stem cells in the clinic. <i>Biomedical Research and Therapy</i> , 2014, 1, .	0.3	4
3063	Isolation and Characterization of Multipotent Cells from Human Fetal Dermis. <i>Cell Transplantation</i> , 2014, 23, 1169-1185.	1.2	19
3064	Bone marrow mesenchymal stem cells from patients with aplastic anemia maintain functional and immune properties and do not contribute to the pathogenesis of the disease. <i>Haematologica</i> , 2014, 99, 1168-1175.	1.7	36
3065	The SDF-1/CXCR4 axis regulates migration of transplanted bone marrow mesenchymal stem cells towards the pancreas in rats with acute pancreatitis. <i>Molecular Medicine Reports</i> , 2014, 9, 1575-1582.	1.1	74
3066	Potential of stem cells in the treatment of rheumatic disease. <i>International Journal of Clinical Rheumatology</i> , 2014, 9, 183-195.	0.3	0
3067	Oncolytic virotherapy for ALL: MSCs to the rescue. <i>Blood</i> , 2014, 123, 1286-1287.	0.6	2
3068	Activin B Promotes BMSC-Mediated Cutaneous Wound Healing by Regulating Cell Migration via the JNK-ERK Signaling Pathway. <i>Cell Transplantation</i> , 2014, 23, 1061-1073.	1.2	49
3069	Effects and Safety of Allogenic Mesenchymal Stem Cell Intravenous Infusion in Active Ankylosing Spondylitis Patients who Failed NSAIDs: A 20-Week Clinical Trial. <i>Cell Transplantation</i> , 2014, 23, 1293-1303.	1.2	56
3070	Intrathecal Delivery of Mesenchymal Stromal Cells Protects the Structure of Altered Perineuronal Nets in SOD1 Rats and Amends the Course of ALS. <i>Stem Cells</i> , 2014, 32, 3163-3172.	1.4	73
3071	Combination of Single-Photon Emission Computed Tomography and Magnetic Resonance Imaging to Track ¹¹¹ In-Oxine- ⁶⁵ Zn Labeled Human Mesenchymal Stem Cells in Neuroblastoma-Bearing Mice. <i>Molecular Imaging</i> , 2014, 13, 7290.2014.00033.	0.7	15
3072	Symptomatic knee osteoarthritis treatment using autologous adipose derived stem cells and platelet-rich plasma: a clinical study. <i>Biomedical Research and Therapy</i> , 2014, 1, .	0.3	28
3073	Human umbilical cord blood derived mesenchymal stem cells were differentiated into pancreatic endocrine cell by Pdx-1 electrotransfer. <i>Biomedical Research and Therapy</i> , 2014, 1, .	0.3	1
3074	Good manufacturing practice-compliant isolation and culture of human adipose derived stem cells. <i>Biomedical Research and Therapy</i> , 2014, 1, .	0.3	9
3075	Lipotransfer. <i>Annals of Plastic Surgery</i> , 2014, 72, 599-609.	0.5	20
3076	Myogenic-induced mesenchymal stem cells are capable of modulating the immune response by regulatory T cells. <i>Journal of Tissue Engineering</i> , 2014, 5, 204173141452475.	2.3	5

#	ARTICLE	IF	CITATIONS
3077	Is bone transplantation the gold standard for repair of alveolar bone defects?. Journal of Tissue Engineering, 2014, 5, 204173141351935.	2.3	26
3078	Osteoinduction of Umbilical Cord and Palate Periosteumâ€Derived Mesenchymal Stem Cells on Poly(Lactic-Co-Glycolic) Acid Nanomicrofibers. Annals of Plastic Surgery, 2014, 72, S176-S183.	0.5	7
3079	Reply to Letter. Annals of Surgery, 2014, 259, e54.	2.1	0
3080	Improvement of Subcutaneous Bioartificial Pancreas Vascularization and Function by Coencapsulation of Pig Islets and Mesenchymal Stem Cells in Primates. Cell Transplantation, 2014, 23, 1349-1364.	1.2	80
3081	Preculturing Islets with Adipose-Derived Mesenchymal Stromal Cells is an Effective Strategy for Improving Transplantation Efficiency at the Clinically Preferred Intraportal Site. Cell Medicine, 2014, 7, 37-47.	5.0	36
3082	The bidirectional tumor - mesenchymal stromal cell interaction promotes the progression of head and neck cancer. Stem Cell Research and Therapy, 2014, 5, 95.	2.4	57
3083	Serum-Containing Medium Effect on Isolation Rate of Dental Pulp Cells from Cryopreserved Intact Deciduous Teeth. Journal of Clinical Pediatric Dentistry, 2014, 38, 345-348.	0.5	2
3084	Adipose-Derived Stromal Vascular Fraction Cells and Platelet-Rich Plasma. Journal of Craniofacial Surgery, 2014, 25, 267-272.	0.3	173
3085	Isolation and Characterization of Antler-Derived Multipotent Stem Cells. Cell Transplantation, 2014, 23, 831-843.	1.2	19
3086	Feasibility of allogeneic stem cells for heart regeneration. , 2014, , 207-235.		0
3087	Bone marrow cells and their role in cardiac repair after myocardial infarction. , 2014, , 236-252.		0
3088	Cell therapy for cardiac repair â€bench to bedside and back. , 2014, , 138-162.		2
3089	Paracrine effects of stem cells in wound healing and cancer progression. International Journal of Oncology, 2014, 44, 1789-1798.	1.4	69
3090	Critical steps in the isolation and expansion of adipose-derived stem cells for translational therapy. Expert Reviews in Molecular Medicine, 2015, 17, e11.	1.6	39
3091	Interleukin-25 Mediates Transcriptional Control of PD-L1 via STAT3 in Multipotent Human Mesenchymal Stromal Cells (hMSCs) to Suppress Th17 Responses. Stem Cell Reports, 2015, 5, 392-404.	2.3	63
3093	Tracing CD34+ Stromal Fibroblasts in Palatal Mucosa and Periodontal Granulation Tissue as a Possible Cell Reservoir for Periodontal Regeneration. Microscopy and Microanalysis, 2015, 21, 837-848.	0.2	6
3094	Comparative Assessment of Oral Mesenchymal Stem Cells Isolated from Healthy and Diseased Tissues. Microscopy and Microanalysis, 2015, 21, 1249-1263.	0.2	15
3095	Autologous bone marrow stromal cells are promising candidates for cell therapy approaches to treat bone degeneration in sickle cell disease. Stem Cell Research, 2015, 15, 584-594.	0.3	18

#	ARTICLE	IF	CITATIONS
3096	Human Umbilical Cord Mesenchymal Stem Cells: A New Era for Stem Cell Therapy. Cell Transplantation, 2015, 24, 339-347.	1.2	410
3097	Comparison of adipose tissue- and bone marrow- derived mesenchymal stem cells for alleviating doxorubicin-induced cardiac dysfunction in diabetic rats. Stem Cell Research and Therapy, 2015, 6, 148.	2.4	54
3098	The Role of Stem Cells in the Etiology and Pathophysiology of Endometriosis. Seminars in Reproductive Medicine, 2015, 33, 333-340.	0.5	96
3099	Monosialotetrahexosyl ganglioside induces the differentiation of human umbilical cord-derived mesenchymal stem cells into neuron-like cells. International Journal of Molecular Medicine, 2015, 36, 1057-1062.	1.8	13
3100	Overcoming translational challenges – The delivery of mechanical stimuli in vivo. International Journal of Biochemistry and Cell Biology, 2015, 69, 162-172.	1.2	14
3101	Mesenchymal stromal cell therapy in liver disease: opportunities and lessons to be learnt?. American Journal of Physiology - Renal Physiology, 2015, 309, G791-G800.	1.6	32
3102	Bone formation by human umbilical cord perivascular cells. Journal of Biomedical Materials Research - Part A, 2015, 103, 2807-2814.	2.1	18
3103	Synovial Mesenchymal Stem Cells Promote Meniscus Regeneration Augmented by an Autologous Achilles Tendon Graft in a Rat Partial Meniscus Defect Model. Stem Cells, 2015, 33, 1927-1938.	1.4	51
3104	Therapeutic efficacy of bone marrow-derived mononuclear cells in diabetic polyneuropathy is impaired with aging or diabetes. Journal of Diabetes Investigation, 2015, 6, 140-149.	1.1	17
3105	Fountain of Youth in the Aorta. Circulation Journal, 2015, 79, 1439-1440.	0.7	0
3106	The canine epiphyseal-derived mesenchymal stem cells are comparable to bone marrow derived-mesenchymal stem cells. Journal of Veterinary Medical Science, 2015, 77, 273-280.	0.3	8
3107	The isolation and characterization of CTC subsets related to breast cancer dormancy. Scientific Reports, 2015, 5, 17533.	1.6	98
3108	Mesenchymal stem cells for the prevention and treatment of bronchopulmonary dysplasia in preterm infants. The Cochrane Library, 2015, , .	1.5	3
3109	Inhibition of Transforming Growth Factor- β Receptor signaling promotes culture expansion of undifferentiated human Endometrial Mesenchymal Stem/stromal Cells. Scientific Reports, 2015, 5, 15042.	1.6	67
3110	Decoupling the role of stiffness from other hydroxyapatite signalling cues in periosteal derived stem cell differentiation. Scientific Reports, 2015, 5, 10778.	1.6	45
3111	Placenta-derived mesenchymal stem cells possess better immunoregulatory properties compared to their cord-derived counterparts—a paired sample study. Scientific Reports, 2015, 5, 15784.	1.6	73
3112	Cryopreservation of Adipose-Derived Mesenchymal Stem Cells. Cell Medicine, 2015, 8, 3-7.	5.0	44
3113	GPR120: A bi-potential mediator to modulate the osteogenic and adipogenic differentiation of BMSCs. Scientific Reports, 2015, 5, 14080.	1.6	31

#	ARTICLE	IF	CITATIONS
3114	Optimization of human mesenchymal stem cell manufacturing: the effects of animal/xeno-free media. <i>Scientific Reports</i> , 2015, 5, 16570.	1.6	132
3115	Bone marrow derived mesenchymal stem cells: A unique cytotherapy for rescuing degenerated dopaminergic neurons. <i>Neurochemical Journal</i> , 2015, 9, 284-294.	0.2	0
3116	Assessment of the Immunomodulatory Properties of Human Mesenchymal Stem Cells (MSCs). <i>Journal of Visualized Experiments</i> , 2015, , e53265.	0.2	10
3117	In-vitro differentiation of adult human bone marrow-derived mesenchymal stem cells into bone-forming cells. <i>Egyptian Journal of Histology</i> , 2015, 38, 844-860.	0.0	1
3118	Off-the-shelf mesenchymal stromal cells derived from umbilical cord tissue. <i>BMC Proceedings</i> , 2015, 9, .	1.8	0
3119	Propagation of pure fetal and maternal mesenchymal stromal cells from terminal chorionic villi of human term placenta. <i>Scientific Reports</i> , 2015, 5, 10054.	1.6	18
3120	Differentiation of Schwann-like cells from human umbilical cord blood mesenchymal stem cells in vitro. <i>Molecular Medicine Reports</i> , 2015, 11, 1146-1152.	1.1	13
3121	Cell therapy in experimental model of inflammatory bowel disease. <i>Journal of Coloproctology</i> , 2015, 35, 020-027.	0.1	7
3122	Autologous mesenchymal stem cells and cutaneous autograft as a treatment for chronic ulcer secondary to diabetes mellitus 2. <i>Cirurgiã Y Cirujanos (English Edition)</i> , 2015, 83, 532-536.	0.0	4
3123	Conversion of bone marrow mesenchymal stem cells into type II alveolar epithelial cells reduces pulmonary fibrosis by decreasing oxidative stress in rats. <i>Molecular Medicine Reports</i> , 2015, 11, 1685-1692.	1.1	65
3124	Update on mesenchymal stem cell-based therapy in lupus and scleroderma. <i>Arthritis Research and Therapy</i> , 2015, 17, 301.	1.6	67
3125	The utility of human fallopian tube mucosa as a novel source of multipotent stem cells for the treatment of autologous reproductive tract injury. <i>Stem Cell Research and Therapy</i> , 2015, 6, 98.	2.4	18
3126	Isolation, selection and culture methods to enhance clonogenicity of mouse bone marrow derived mesenchymal stromal cell precursors. <i>Stem Cell Research and Therapy</i> , 2015, 6, 151.	2.4	41
3127	Adipose-derived mesenchymal stem cells improve glucose homeostasis in high-fat diet-induced obese mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 208.	2.4	58
3128	Neural and mesenchymal stem cells in animal models of Huntingtonâ€™s disease: past experiences and future challenges. <i>Stem Cell Research and Therapy</i> , 2015, 6, 232.	2.4	31
3129	Mesenchymal stromal cells of osteosarcoma patients do not show evidence of neoplastic changes during long-term culture. <i>Clinical Sarcoma Research</i> , 2015, 5, 16.	2.3	8
3130	Effects of transforming growth factor Î²-1 infected human bone marrow mesenchymal stem cells on high- and low-metastatic potential hepatocellular carcinoma. <i>European Journal of Medical Research</i> , 2015, 20, 56.	0.9	13
3131	Abrasion arthroplasty increases mesenchymal stem cell content of postoperative joint effusions. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 250.	0.8	3

#	ARTICLE	IF	CITATIONS
3132	Intraocular pressure reduction and neuroprotection conferred by bone marrow-derived mesenchymal stem cells in an animal model of glaucoma. <i>Stem Cell Research and Therapy</i> , 2015, 6, 177.	2.4	70
3133	Comparison of biological characteristics of mesenchymal stem cells derived from maternal-origin placenta and Wharton's jelly. <i>Stem Cell Research and Therapy</i> , 2015, 6, 228.	2.4	35
3134	Human umbilical cord and dental pulp-derived mesenchymal stem cells: Biological characteristics and potential roles in vitro and in vivo. <i>Molecular Medicine Reports</i> , 2015, 11, 3269-3278.	1.1	12
3135	Nesprin-1 has key roles in the process of mesenchymal stem cell differentiation into cardiomyocyte-like cells in vivo and in vitro. <i>Molecular Medicine Reports</i> , 2015, 11, 133-142.	1.1	33
3136	Periodontal Ligament Stem Cells for Periodontal Regeneration. <i>Current Oral Health Reports</i> , 2015, 2, 236-244.	0.5	13
3137	Urine is a novel source of autologous mesenchymal stem cells for patients with epidermolysis bullosa. <i>BMC Research Notes</i> , 2015, 8, 767.	0.6	25
3138	Beneficial effect of human umbilical cord-derived mesenchymal stem cells on an endotoxin-induced rat model of preeclampsia. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1851-1856.	0.8	27
3139	Osteogenic differentiation of umbilical cord and adipose derived stem cells onto highly porous 45S5 Bioglass®-based scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1029-1037.	2.1	32
3140	Mechanism of cell integration on biomaterial implant surfaces in the presence of bacterial contamination. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3590-3598.	2.1	24
3141	Density Gradient Centrifugation for the Isolation of Cells of Multiple Lineages. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2709-2714.	1.2	9
3142	Vitamin MK-7 enhances vitamin D3-induced osteogenesis in hMSCs: modulation of key effectors in mineralization and vascularization. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 691-701.	1.3	24
3143	Therapeutic Efficacy of Human Mesenchymal Stromal Cells in the Repair of Established Ventilator-induced Lung Injury in the Rat. <i>Anesthesiology</i> , 2015, 122, 363-373.	1.3	57
3144	Adipose-derived stem cells and keratinocytes in a chronic wound cell culture model: the role of hydroxyectoine. <i>International Wound Journal</i> , 2015, 12, 387-396.	1.3	9
3145	Mesenchymal stromal cells to modulate immune reconstitution early post-hematopoietic cell transplantation. <i>BMC Immunology</i> , 2015, 16, 74.	0.9	9
3146	Dental follicle stem cells in bone regeneration on titanium implants. <i>BMC Biotechnology</i> , 2015, 15, 114.	1.7	46
3147	Osteogenic differentiation of dental pulp stem cells under the influence of three different materials. <i>BMC Oral Health</i> , 2015, 15, 132.	0.8	25
3148	Q&A: Mesenchymal stem cells "where do they come from and is it important?". <i>BMC Biology</i> , 2015, 13, 99.	1.7	81
3149	Characterization of mesenchymal stem cells derived from the equine synovial fluid and membrane. <i>BMC Veterinary Research</i> , 2015, 11, 281.	0.7	37

#	ARTICLE	IF	CITATIONS
3150	Prospectively defined murine mesenchymal stem cells inhibit Klebsiella pneumoniae-induced acute lung injury and improve pneumonia survival. <i>Respiratory Research</i> , 2015, 16, 123.	1.4	41
3151	Immunosuppressive potential of human amnion epithelial cells in the treatment of experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2015, 12, 112.	3.1	66
3152	Epidermal growth factor enhances osteogenic differentiation of dental pulp stem cells in vitro. <i>Head & Face Medicine</i> , 2015, 11, 29.	0.8	44
3153	Emergence of clonal chromosomal alterations during the mesenchymal stromal cell cultivation. <i>Molecular Cytogenetics</i> , 2015, 8, 94.	0.4	12
3154	Assessment of bone marrow-derived Cellular Therapy in progressive Multiple Sclerosis (ACTiMuS): study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 463.	0.7	37
3155	Functional fingerprinting of human mesenchymal stem cells using high-throughput RNAi screening. <i>Genome Medicine</i> , 2015, 7, 46.	3.6	4
3156	Human adipose tissue-derived stem cells cultured in xeno-free culture condition enhance c-MYC expression increasing proliferation but bypassing spontaneous cell transformation. <i>Stem Cell Research and Therapy</i> , 2015, 6, 76.	2.4	49
3157	Mouse aorta-derived mesenchymal progenitor cells contribute to and enhance the immune response of macrophage cells under inflammatory conditions. <i>Stem Cell Research and Therapy</i> , 2015, 6, 56.	2.4	9
3158	Umbilical cord mesenchymal stem cells modulate dextran sulfate sodium induced acute colitis in immunodeficient mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 79.	2.4	49
3159	Mesenchymal stromal cell therapy attenuated lung and kidney injury but not brain damage in experimental cerebral malaria. <i>Stem Cell Research and Therapy</i> , 2015, 6, 102.	2.4	22
3160	Age, atherosclerosis and type 2 diabetes reduce human mesenchymal stromal cell-mediated T-cell suppression. <i>Stem Cell Research and Therapy</i> , 2015, 6, 140.	2.4	65
3161	Molecular and cellular characteristics of human and non-human primate multipotent stromal cells from the amnion and bone marrow during long term culture. <i>Stem Cell Research and Therapy</i> , 2015, 6, 150.	2.4	33
3162	In vivo hepatogenic capacity and therapeutic potential of stem cells from human exfoliated deciduous teeth in liver fibrosis in mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 171.	2.4	67
3163	Osteogenic differentiation of mesenchymal stromal cells in two-dimensional and three-dimensional cultures without animal serum. <i>Stem Cell Research and Therapy</i> , 2015, 6, 167.	2.4	44
3164	Small intestinal submucosa-derived extracellular matrix bioscaffold significantly enhances angiogenic factor secretion from human mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 164.	2.4	36
3165	Enhanced osteogenic potential of mesenchymal stem cells from cortical bone: a comparative analysis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 203.	2.4	44
3166	Porcine lung mesenchymal stromal cells possess differentiation and immunoregulatory properties. <i>Stem Cell Research and Therapy</i> , 2015, 6, 222.	2.4	13
3167	Human adult stem cells derived from adipose tissue and bone marrow attenuate enteric neuropathy in the guinea-pig model of acute colitis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 244.	2.4	30

#	ARTICLE	IF	CITATIONS
3168	The challenges and promises of allogeneic mesenchymal stem cells for use as a cell-based therapy. <i>Stem Cell Research and Therapy</i> , 2015, 6, 234.	2.4	231
3169	Allogeneic guinea pig mesenchymal stem cells ameliorate neurological changes in experimental colitis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 263.	2.4	17
3170	Mesenchymal stromal cells support endothelial cell interactions in an intramuscular islet transplantation model. <i>Regenerative Medicine Research</i> , 2015, 3, 1.	2.2	20
3171	Mesenchymal stromal cells are more effective than the MSC secretome in diminishing injury and enhancing recovery following ventilator-induced lung injury. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 29.	0.9	64
3172	Reductions in behavioral deficits and neuropathology in the R6/2 mouse model of Huntington's disease following transplantation of bone-marrow-derived mesenchymal stem cells is dependent on passage number. <i>Stem Cell Research and Therapy</i> , 2015, 6, 9.	2.4	37
3173	Human Wharton's Jelly-Derived Stem Cells Display Immunomodulatory Properties and Transiently Improve Rat Experimental Autoimmune Encephalomyelitis. <i>Cell Transplantation</i> , 2015, 24, 2077-2098.	1.2	68
3174	Human Bone Marrow Stromal Cells Differentiate into Corneal Tissue and Prevent Ocular Graft-Versus-Host Disease in Mice. <i>Cell Transplantation</i> , 2015, 24, 2423-2433.	1.2	14
3175	A xeno-free microcarrier-based stirred culture system for the scalable expansion of human mesenchymal stem/stromal cells isolated from bone marrow and adipose tissue. <i>Biotechnology Journal</i> , 2015, 10, 1235-1247.	1.8	55
3176	Cell surface markers and exogenously induced pIX in synovial mesenchymal stem cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 1001-1011.	1.1	7
3177	Recent Advances in Mesenchymal Stem Cell Immunomodulation: The Role of Microvesicles. <i>Cell Transplantation</i> , 2015, 24, 133-149.	1.2	91
3178	Human Amniotic Membrane-Derived Mesenchymal and Epithelial Cells Exert Different Effects on Monocyte-Derived Dendritic Cell Differentiation and Function. <i>Cell Transplantation</i> , 2015, 24, 1733-1752.	1.2	89
3179	Bone marrow stromal cell-derived extracellular matrix promotes osteogenesis of adipose-derived stem cells. <i>Cell Biology International</i> , 2015, 39, 291-299.	1.4	28
3180	Viability and MR detectability of iron labeled mesenchymal stem cells used for endoscopic injection into the porcine urethral sphincter. <i>NMR in Biomedicine</i> , 2015, 28, 1049-1058.	1.6	4
3181	Neurological heterotopic ossification following spinal cord injury is triggered by macrophage-mediated inflammation in muscle. <i>Journal of Pathology</i> , 2015, 236, 229-240.	2.1	131
3182	Interleukin-17A-Induced Human Mesenchymal Stem Cells Are Superior Modulators of Immunological Function. <i>Stem Cells</i> , 2015, 33, 2850-2863.	1.4	109
3183	Biomaterial Approaches for Stem Cell-Based Myocardial Tissue Engineering. <i>Biomarker Insights</i> , 2015, 10s1, BML.S20313.	1.0	35
3184	Production of islet-like insulin-producing cell clusters in vitro from adiposederived stem cells. <i>Biomedical Research and Therapy</i> , 2015, 2, .	0.3	10
3185	Microvesicles Derived From Human Mesenchymal Stem Cells Restore Alveolar Fluid Clearance in Human Lungs Rejected for Transplantation. <i>American Journal of Transplantation</i> , 2015, 15, 2404-2412.	2.6	132

#	ARTICLE	IF	CITATIONS
3186	The Human Umbilical Cord Tissue-Derived MSC Population UCX ⁺ Promotes Early Motogenic Effects on Keratinocytes and Fibroblasts and G-CSF-Mediated Mobilization of BM-MSCs when Transplanted In Vivo. <i>Cell Transplantation</i> , 2015, 24, 865-877.	1.2	36
3187	Characterization of Insulin-Secreting Porcine Bone Marrow Stromal Cells Ex Vivo and Autologous Cell Therapy in Vivo. <i>Cell Transplantation</i> , 2015, 24, 1205-1220.	1.2	5
3188	Therapeutic Implications of Newly Identified Stem Cell Populations from the Skin Dermis. <i>Cell Transplantation</i> , 2015, 24, 1405-1422.	1.2	19
3189	Human Amnion-Derived Mesenchymal Stem Cell Transplantation Ameliorates Dextran Sulfate Sodium-Induced Severe Colitis in Rats. <i>Cell Transplantation</i> , 2015, 24, 2601-2614.	1.2	46
3190	Adipose Tissue-Derived Mesenchymal Stem Cells Attenuate Pulmonary Infection Caused by <i>Pseudomonas aeruginosa</i> via Inhibiting Overproduction of Prostaglandin E2. <i>Stem Cells</i> , 2015, 33, 2331-2342.	1.4	65
3191	hMSC-Derived VEGF Release Triggers the Chemoattraction of Alveolar Osteoblasts. <i>Stem Cells</i> , 2015, 33, 3114-3124.	1.4	14
3192	Mouse white adipose tissue-derived mesenchymal stem cells gain pericentral and periportal hepatocyte features after differentiation <i>in vitro</i> , which are preserved <i>in vivo</i> after hepatic transplantation. <i>Acta Physiologica</i> , 2015, 215, 89-104.	1.8	16
3193	Production of oncolytic adenovirus and human mesenchymal stem cells in a single-use, Vertical-Wheel bioreactor system: Impact of bioreactor design on performance of microcarrier-based cell culture processes. <i>Biotechnology Progress</i> , 2015, 31, 1600-1612.	1.3	60
3194	Stem Cell Therapies in Orthopaedic Trauma. <i>Journal of Orthopaedic Trauma</i> , 2015, 29, S24-S27.	0.7	43
3195	Upregulation of <i>Nanog</i> and <i>Sox2</i> genes following ectopic expression of Oct4 in amniotic fluid mesenchymal stem cells. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 591-597.	1.4	17
3196	Fanconi Anemia Mesenchymal Stromal Cells-Derived Glycerophospholipids Skew Hematopoietic Stem Cell Differentiation Through Toll-Like Receptor Signaling. <i>Stem Cells</i> , 2015, 33, 3382-3396.	1.4	16
3197	Treatment of Knee Osteoarthritis With Allogeneic Bone Marrow Mesenchymal Stem Cells. <i>Transplantation</i> , 2015, 99, 1681-1690.	0.5	459
3198	Mesenchymal Stromal Cell Therapy. <i>Transplantation</i> , 2015, 99, 1113-1118.	0.5	12
3199	Mesenchymal stem cells attenuate acute ischemia-reperfusion injury in a rat model. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 2131-2137.	0.8	20
3200	Coculture with Mesenchymal Stem Cells Results in Improved Viability and Function of Human Hepatocytes. <i>Cell Transplantation</i> , 2015, 24, 73-83.	1.2	47
3201	Differential Clearance of Rat and Human Bone Marrow-Derived Mesenchymal Stem Cells from the Brain after Intra-arterial Infusion in Rats. <i>Cell Transplantation</i> , 2015, 24, 819-828.	1.2	27
3202	Mesenchymal Stem Cells for Treating Articular Cartilage Defects and Osteoarthritis. <i>Cell Transplantation</i> , 2015, 24, 1661-1678.	1.2	66
3203	Regeneration of Degenerated Urinary Sphincter Muscles: Improved Stem Cell-Based Therapies and Novel Imaging Technologies. <i>Cell Transplantation</i> , 2015, 24, 2171-2183.	1.2	8

#	ARTICLE	IF	CITATIONS
3204	Acute and chronic wound fluids inversely influence adipose-derived stem cell function: molecular insights into impaired wound healing. <i>International Wound Journal</i> , 2015, 12, 10-16.	1.3	33
3205	Mesenchymal stem cell-based therapy for nonhealing wounds: today and tomorrow. <i>Wound Repair and Regeneration</i> , 2015, 23, 465-482.	1.5	39
3206	Isolation of adipose and bone marrow mesenchymal stem cells using CD29 and CD90 modifies their capacity for osteogenic and adipogenic differentiation. <i>Journal of Tissue Engineering</i> , 2015, 6, 204173141559235.	2.3	41
3207	Use of regenerative tissue for urinary diversion. <i>Current Opinion in Urology</i> , 2015, 25, 578-585.	0.9	12
3208	Autologous Adipose Stromal Cells Seeded onto a Human Collagen Matrix for Dermal Regeneration in Chronic Wounds. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 279-295.	0.7	45
3209	Characteristics and Properties of Mesenchymal Stem Cells Derived from Microfragmented Adipose Tissue. <i>Cell Transplantation</i> , 2015, 24, 1233-1252.	1.2	56
3210	Paracrine Effects of Mesenchymal Stem Cells Induce Senescence and Differentiation of Glioblastoma Stem-Like Cells. <i>Cell Transplantation</i> , 2015, 24, 631-644.	1.2	50
3211	Ultrastructural evaluation of mesenchymal stem cells from inflamed periodontium in different in vitro conditions. <i>Microscopy Research and Technique</i> , 2015, 78, 792-800.	1.2	1
3212	Inefficiency in macromolecular transport of SCS-based microcapsules affects viability of primary human mesenchymal stem cells but not of immortalized cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3676-3688.	2.1	3
3213	Thermoresponsive Substrates Used for the Growth and Controlled Differentiation of Human Mesenchymal Stem Cells. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1897-1901.	2.0	10
3214	A new standardized clinical-grade protocol for banking human umbilical cord tissue cells. <i>Transfusion</i> , 2015, 55, 2864-2873.	0.8	15
3215	Isolation and characterization of ex vivo expanded mesenchymal stem cells obtained from a surgical patient. <i>Molecular Medicine Reports</i> , 2015, 11, 1777-1783.	1.1	3
3216	Effectiveness of Wharton's jelly stem cells in gastroschisis repair using the inner surface of the umbilical cord as a patch. <i>Annals of Pediatric Surgery</i> , 2015, 11, 173-180.	0.1	1
3217	Postmeniscectomy Meniscus Growth With Stem Cells. <i>Sports Medicine and Arthroscopy Review</i> , 2015, 23, 139-142.	1.0	3
3218	Endomicroscopy Will Track Injected Mesenchymal Stem Cells in Rat Colitis Models. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2068-2077.	0.9	12
3219	Mesenchymal Stem Cell Therapy for Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2696-2707.	0.9	81
3220	Adipose-Derived Stem Cells. <i>Annals of Plastic Surgery</i> , 2015, 75, 117-123.	0.5	47
3221	Strategic Sequences in Fat Graft Survival. <i>Annals of Plastic Surgery</i> , 2015, 74, 376-382.	0.5	16

#	ARTICLE	IF	CITATIONS
3222	Comparing Viability of Periodontal Ligament Stem Cells Isolated From Erupted and Impacted Tooth Root. Journal of Craniofacial Surgery, 2015, 26, e608-e612.	0.3	1
3223	Adipose- and Bone Marrowâ€Derived Mesenchymal Stem Cells Prolong Graft Survival in Vascularized Composite Allotransplantation. Transplantation, 2015, 99, 1765-1773.	0.5	70
3224	2. Nanoscale biofunctionalization of polymer surfaces by laser treatment for controlled cellular differentiation. , 2015, , 179-198.		0
3225	Exposure of periodontal ligament progenitor cells to lipopolysaccharide from Escherichia coli changes osteoblast differentiation pattern. Journal of Applied Oral Science, 2015, 23, 145-152.	0.7	34
3226	The promise of stem cells as corneal-transplant substitute. Medical Journal of Indonesia, 2015, 24, 131-2.	0.2	0
3227	Isolation and culture of stem cells derived from dental pulp of permanent teeth: a successful method. Revista Da Faculdade De Odontologia (Universidade De Passo Fundo), 2015, 20, .	0.2	1
3228	Successful Mitigation of Radiation Injuries in Mice using Mesenchymal Stem Cells Genetically Modified to Secrete Extracellular Superoxide Dismutase. Journal of Stem Cell Research & Therapy, 2015, 05, .	0.3	0
3229	Orbital Fibroblasts From Graves' Orbitopathy Patients Share Functional and Immunophenotypic Properties With Mesenchymal Stem/Stromal Cells. , 2015, 56, 6549.		20
3230	Mesenchymal Stem Cellâ€Like Properties of Orbital Fibroblasts in Graves' Orbitopathy. , 2015, 56, 5743.		21
3231	Treatment of Knee Osteoarthritis with Autologous Expanded Bone Marrow Mesenchymal Stem Cells: 50 Cases Clinical and MRI Results at One Year Follow-Up. Journal of Stem Cell Research & Therapy, 2015, 05, .	0.3	8
3232	Priming the Surface of Orthopedic Implants for Osteoblast Attachment in Bone Tissue Engineering. International Journal of Medical Sciences, 2015, 12, 701-707.	1.1	28
3233	Role of<i>Hox</i> genes in stem cell differentiation. World Journal of Stem Cells, 2015, 7, 583.	1.3	116
3234	Osteogenic differentiation of amniotic fluid mesenchymal stromal cells and their bone regeneration potential. World Journal of Stem Cells, 2015, 7, 681.	1.3	19
3235	Stem Cell Extracellular Vesicles: A Novel Cell-Based Therapy forÂCardiovascular Diseases. , 2015, , 93-117.		2
3236	Patient-derived mesenchymal stem cells as delivery vehicles for oncolytic virotherapy: novel state-of-the-art technology. Oncolytic Virotherapy, 2015, 4, 149.	6.0	30
3237	Microarc-oxidized titanium surfaces functionalized with microRNA-21-loaded chitosan/hyaluronic acid nanoparticles promote the osteogenic differentiation of human bone marrow mesenchymal stem cells. International Journal of Nanomedicine, 2015, 10, 6675.	3.3	38
3238	CD271 as a marker to identify mesenchymal stem cells from diverse sources before culture. World Journal of Stem Cells, 2015, 7, 470.	1.3	121
3239	Stem Cells and Regenerative Medicine: Myth or Reality of the 21th Century. Stem Cells International, 2015, 2015, 1-19.	1.2	127

#	ARTICLE	IF	CITATIONS
3240	Dental pulp stem cells. Journal of King Abdulaziz University, Islamic Economics, 2015, 36, 1391-1399.	0.5	16
3241	Isolation, expansion and differentiation of cellular progenitors obtained from dental pulp of agouti (<i>Dasyprocta prymnolopha</i> Wagler, 1831). Pesquisa Veterinaria Brasileira, 2015, 35, 590-598.	0.5	5
3242	Silicate Granules Preconditioned with Human Bone Marrow Mononuclear Cells Improve Osteogenesis in Bone Sarcoma Patients. Journal of Cancer Science & Therapy, 2015, 7, .	1.7	0
3243	Role of Mesenchymal Stem Cell Based Therapies in MDR/ XDR TB and Co-Morbidities. Journal of Stem Cell Research & Therapy, 2015, 05, .	0.3	1
3244	A Case of Extra-Skeletal Intracranial Chondromass: Ultrastructure and Immunohistochemical Features. Journal of Carcinogenesis & Mutagenesis, 2015, 06, .	0.3	0
3245	Proteomic Comparison of the Secreted Factors of Mesenchymal Stem Cells from Bone Marrow, Adipose Tissue and Dental Pulp. Journal of Proteomics and Bioinformatics, 2015, 8, .	0.4	29
3246	Therapeutic effects of mouse bone marrow-derived clonal mesenchymal stem cells in a mouse model of inflammatory bowel disease. Journal of Clinical Biochemistry and Nutrition, 2015, 57, 192-203.	0.6	34
3247	Improved adipogenic <i>in vitro</i> differentiation: comparison of different adipogenic cell culture media on human fat and bone stroma cells for fat tissue engineering. Anatomy and Cell Biology, 2015, 48, 85.	0.5	12
3248	Mesenchymal stem cells for the treatment of neurodegenerative and psychiatric disorders. Anais Da Academia Brasileira De Ciencias, 2015, 87, 1435-1449.	0.3	27
3249	Cross-talk between chronic lymphocytic leukemia (CLL) tumor B cells and mesenchymal stromal cells (MSCs): implications for neoplastic cell survival. Oncotarget, 2015, 6, 42130-42149.	0.8	39
3250	Bone Marrow Stem Cell Contribution to Pulmonary Homeostasis and Disease. Journal of Bone Marrow Research, 2015, 03, .	0.2	3
3251	Trends in Mesenchymal Stem Cells' Applications for Skeletal Muscle Repair and Regeneration. , 0, , .		7
3252	Adult Stem Cell Therapy in Chronic Liver Diseases. Hanyang Medical Reviews, 2015, 35, 236.	0.4	2
3253	Inflammatory Pathways in Knee Osteoarthritis: Potential Targets for Treatment. Current Rheumatology Reviews, 2015, 11, 50-58.	0.4	31
3254	Research Note Mesenchymal stem cells from skin lesions of psoriasis patients promote proliferation and inhibit apoptosis of HaCaT cells. Genetics and Molecular Research, 2015, 14, 17758-17767.	0.3	20
3255	A top-down view of the tumor microenvironment: structure, cells and signaling. Frontiers in Cell and Developmental Biology, 2015, 3, 33.	1.8	70
3256	In vitro alteration of physiological parameters do not hamper the growth of human multipotent vascular wall-mesenchymal stem cells. Frontiers in Cell and Developmental Biology, 2015, 3, 36.	1.8	14
3257	Stem cell therapy and tissue engineering for correction of congenital heart disease. Frontiers in Cell and Developmental Biology, 2015, 3, 39.	1.8	35

#	ARTICLE	IF	CITATIONS
3258	Hypoxic pre-conditioning increases the infiltration of endothelial cells into scaffolds for dermal regeneration pre-seeded with mesenchymal stem cells. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 68.	1.8	33
3259	From bench to bedside: use of human adipose-derived stem cells. <i>Stem Cells and Cloning: Advances and Applications</i> , 2015, 8, 149.	2.3	56
3260	Hyperactive RAS/PI3-K/MAPK Signaling Cascade in Migration and Adhesion of Nf1 Haploinsufficient Mesenchymal Stem/Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 12345-12359.	1.8	4
3261	Human Gingival Integration-Free iPSCs; a Source for MSC-Like Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13633-13648.	1.8	20
3262	Sequencing Overview of Ewing Sarcoma: A Journey across Genomic, Epigenomic and Transcriptomic Landscapes. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16176-16215.	1.8	54
3263	Differentiation Effects of Platelet-Rich Plasma Concentrations on Synovial Fluid Mesenchymal Stem Cells from Pigs Cultivated in Alginate Complex Hydrogel. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18507-18521.	1.8	19
3264	PARP Inhibitor PJ34 Suppresses Osteogenic Differentiation in Mouse Mesenchymal Stem Cells by Modulating BMP-2 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24820-24838.	1.8	21
3265	Mesenchymal Stem Cell-Mediated Effects of Tumor Support or Suppression. <i>International Journal of Molecular Sciences</i> , 2015, 16, 30015-30033.	1.8	159
3266	Role of Chondrocytes in Cartilage Formation, Progression of Osteoarthritis and Cartilage Regeneration. <i>Journal of Developmental Biology</i> , 2015, 3, 177-192.	0.9	322
3267	Stem Cells and Their Mediators – The Next Generation Therapy for Bronchopulmonary Dysplasia. <i>Frontiers in Medicine</i> , 2015, 2, 50.	1.2	25
3268	Mesenchymal stem cells secretome as a modulator of the neurogenic niche: basic insights and therapeutic opportunities. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 249.	1.8	90
3269	Phenotypic Change and Induction of Cytokeratin Expression During In Vitro Culture of Corneal Stromal Cells. , 2015, 56, 7225.		25
3270	The Regenerative Medicine in Oral and Maxillofacial Surgery: The Most Important Innovations in the Clinical Application of Mesenchymal Stem Cells. <i>International Journal of Medical Sciences</i> , 2015, 12, 72-77.	1.1	98
3271	Stem cell technology for bone regeneration: current status and potential applications. <i>Stem Cells and Cloning: Advances and Applications</i> , 2015, 8, 39.	2.3	53
3272	The Notch Signaling Regulates CD105 Expression, Osteogenic Differentiation and Immunomodulation of Human Umbilical Cord Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0118168.	1.1	28
3273	Radiation-Induced Alterations of Osteogenic and Chondrogenic Differentiation of Human Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0119334.	1.1	14
3274	Multi-Lineage Differentiation of Human Umbilical Cord Wharton's Jelly Mesenchymal Stromal Cells Mediates Changes in the Expression Profile of Stemness Markers. <i>PLoS ONE</i> , 2015, 10, e0122465.	1.1	41
3275	Phenotypic and Immunomodulatory Properties of Equine Cord Blood-Derived Mesenchymal Stromal Cells. <i>PLoS ONE</i> , 2015, 10, e0122954.	1.1	38

#	ARTICLE	IF	CITATIONS
3276	Isolation and Characterisation of Mesenchymal Stem/Stromal Cells in the Ovine Endometrium. PLoS ONE, 2015, 10, e0127531.	1.1	44
3277	In Situ Normoxia Enhances Survival and Proliferation Rate of Human Adipose Tissue-Derived Stromal Cells without Increasing the Risk of Tumourigenesis. PLoS ONE, 2015, 10, e0115034.	1.1	56
3278	Safety and Efficacy of Human Wharton's Jelly-Derived Mesenchymal Stem Cells Therapy for Retinal Degeneration. PLoS ONE, 2015, 10, e0128973.	1.1	62
3279	Tethering of Epidermal Growth Factor (EGF) to Beta Tricalcium Phosphate (β -TCP) via Fusion to a High Affinity, Multimeric β -TCP-Binding Peptide: Effects on Human Multipotent Stromal Cells/Connective Tissue Progenitors. PLoS ONE, 2015, 10, e0129600.	1.1	15
3280	TrAmplification of Human Dental Follicle Cells by piggyBac Transposon - Mediated Reversible Immortalization System. PLoS ONE, 2015, 10, e0130937.	1.1	7
3281	Proinflammatory Mediators Enhance the Osteogenesis of Human Mesenchymal Stem Cells after Lineage Commitment. PLoS ONE, 2015, 10, e0132781.	1.1	76
3282	Immortalisation with hTERT Impacts on Sulphated Glycosaminoglycan Secretion and Immunophenotype in a Variable and Cell Specific Manner. PLoS ONE, 2015, 10, e0133745.	1.1	11
3283	Single-Cell RNA-Seq of Bone Marrow-Derived Mesenchymal Stem Cells Reveals Unique Profiles of Lineage Priming. PLoS ONE, 2015, 10, e0136199.	1.1	61
3284	Canine Platelet Lysate Is Inferior to Fetal Bovine Serum for the Isolation and Propagation of Canine Adipose Tissue- and Bone Marrow-Derived Mesenchymal Stromal Cells. PLoS ONE, 2015, 10, e0136621.	1.1	21
3285	Altered Expression of Wnt Signaling Pathway Components in Osteogenesis of Mesenchymal Stem Cells in Osteoarthritis Patients. PLoS ONE, 2015, 10, e0137170.	1.1	29
3286	Human Mesenchymal Stem Cells Retain Multilineage Differentiation Capacity Including Neural Marker Expression after Extended In Vitro Expansion. PLoS ONE, 2015, 10, e0137255.	1.1	68
3287	Neuroprotective Potential of Mesenchymal Stem Cell-Based Therapy in Acute Stages of TNBS-Induced Colitis in Guinea-Pigs. PLoS ONE, 2015, 10, e0139023.	1.1	20
3288	Influence of Factors of Cryopreservation and Hypothermic Storage on Survival and Functional Parameters of Multipotent Stromal Cells of Placental Origin. PLoS ONE, 2015, 10, e0139834.	1.1	27
3289	Simultaneous Isolation of Three Different Stem Cell Populations from Murine Skin. PLoS ONE, 2015, 10, e0140143.	1.1	15
3290	Ectopic Bone Formation by Mesenchymal Stem Cells Derived from Human Term Placenta and the Decidua. PLoS ONE, 2015, 10, e0141246.	1.1	36
3291	Mesenchymal Stem Cells Obtained from Synovial Fluid Mesenchymal Stem Cell-Derived Induced Pluripotent Stem Cells on a Matrigel Coating Exhibited Enhanced Proliferation and Differentiation Potential. PLoS ONE, 2015, 10, e0144226.	1.1	18
3292	Myocardial Ischemic Subject's Thymus Fat: A Novel Source of Multipotent Stromal Cells. PLoS ONE, 2015, 10, e0144401.	1.1	5
3293	Manufacturing of dental pulp cell-based products from human third molars: current strategies and future investigations. Frontiers in Physiology, 2015, 6, 213.	1.3	33

#	ARTICLE	IF	CITATIONS
3294	Stem cell origin differently affects bone tissue engineering strategies. <i>Frontiers in Physiology</i> , 2015, 6, 266.	1.3	45
3295	In vitro osteogenic and odontogenic differentiation of human dental pulp stem cells seeded on carboxymethyl cellulose-hydroxyapatite hybrid hydrogel. <i>Frontiers in Physiology</i> , 2015, 6, 297.	1.3	34
3296	Patient-Specific Age: The Other Side of the Coin in Advanced Mesenchymal Stem Cell Therapy. <i>Frontiers in Physiology</i> , 2015, 6, 362.	1.3	47
3297	The Perivascular Niche and Self-Renewal of Stem Cells. <i>Frontiers in Physiology</i> , 2015, 6, 367.	1.3	60
3298	Adipose-Derived Stem Cells in Radiotherapy Injury: A New Frontier. <i>Frontiers in Surgery</i> , 2015, 2, 1.	0.6	85
3299	Generation of bovine (<i>Bos indicus</i>) and buffalo (<i>Bubalus bubalis</i>) adipose tissue derived stem cells: isolation, characterization, and multipotentiality. <i>Genetics and Molecular Research</i> , 2015, 14, 53-62.	0.3	40
3300	An Overview of the Proteomic and miRNA Cargo in MSC-Derived Exosomes. , 2015, , 21-36.		7
3301	Treatment of silicosis with hepatocyte growth factor-modified autologous bone marrow stromal cells: a non-randomized study with follow-up. <i>Genetics and Molecular Research</i> , 2015, 14, 10672-10681.	0.3	26
3302	Dragging Human Mesenchymal Stem Cells with the Aid of Supramolecular Assemblies of Single-Walled Carbon Nanotubes, Molecular Magnets, and Peptides in a Magnetic Field. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	1
3303	The Clinical Status of Stem Cell Therapy for Ischemic Cardiomyopathy. <i>Stem Cells International</i> , 2015, 2015, 1-13.	1.2	16
3304	Effect of Increasing Doses of γ -Radiation on Bone Marrow Stromal Cells Grown on Smooth and Rough Titanium Surfaces. <i>Stem Cells International</i> , 2015, 2015, 1-11.	1.2	9
3305	High <i>OCT4</i> and Low β -Actin Determine <i>In Vitro</i> Lifespan of Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2015, 2015, 1-11.	1.2	14
3306	Alterations in the Secretome of Clinically Relevant Preparations of Adipose-Derived Mesenchymal Stem Cells Cocultured with Hyaluronan. <i>Stem Cells International</i> , 2015, 2015, 1-16.	1.2	14
3307	Interleukin-17 and Its Implication in the Regulation of Differentiation and Function of Hematopoietic and Mesenchymal Stem Cells. <i>Mediators of Inflammation</i> , 2015, 2015, 1-11.	1.4	26
3308	Mesenchymal Stem/Stromal Cells Derived from Induced Pluripotent Stem Cells Support CD34 ^{pos} Hematopoietic Stem Cell Propagation and Suppress Inflammatory Reaction. <i>Stem Cells International</i> , 2015, 2015, 1-14.	1.2	18
3309	Mesenchymal Stromal Cells Affect Disease Outcomes via Macrophage Polarization. <i>Stem Cells International</i> , 2015, 2015, 1-11.	1.2	67
3310	Human Adult Stem Cells Maintain a Constant Phenotype Profile Irrespective of Their Origin, Basal Media, and Long Term Cultures. <i>Stem Cells International</i> , 2015, 2015, 1-29.	1.2	10
3311	Umbilical Cord Tissue-Derived Cells as Therapeutic Agents. <i>Stem Cells International</i> , 2015, 2015, 1-10.	1.2	17

#	ARTICLE	IF	CITATIONS
3312	Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells into Insulin-Producing Cells: Evidence for Further Maturation In Vivo. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	25
3313	What Makes Umbilical Cord Tissue-Derived Mesenchymal Stromal Cells Superior Immunomodulators When Compared to Bone Marrow Derived Mesenchymal Stromal Cells?. <i>Stem Cells International</i> , 2015, 2015, 1-14.	1.2	73
3314	Comprehensive Review of Adipose Stem Cells and Their Implication in Distraction Osteogenesis and Bone Regeneration. <i>BioMed Research International</i> , 2015, 2015, 1-20.	0.9	38
3315	Bottlenecks in the Efficient Use of Advanced Therapy Medicinal Products Based on Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2015, 2015, 1-12.	1.2	58
3316	Multipotent Mesenchymal Stromal Cells: Possible Culprits in Solid Tumors?. <i>Stem Cells International</i> , 2015, 2015, 1-11.	1.2	9
3317	Clinical Application of Mesenchymal Stem Cells and Novel Supportive Therapies for Oral Bone Regeneration. <i>BioMed Research International</i> , 2015, 2015, 1-16.	0.9	55
3318	Production of Human Endothelial Cells Free from Soluble Xenogeneic Antigens for Bioartificial Small Diameter Vascular Graft Endothelialization. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	6
3319	Development of Bioactive Patch for Maintenance of Implanted Cells at the Myocardial Infarcted Site. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-14.	1.5	5
3320	Mesenchymal Stromal Cells and Viral Infection. <i>Stem Cells International</i> , 2015, 2015, 1-8.	1.2	72
3321	Immunoregulation by Mesenchymal Stem Cells: Biological Aspects and Clinical Applications. <i>Journal of Immunology Research</i> , 2015, 2015, 1-20.	0.9	304
3322	The Role of Adipose-Derived Stem Cells in Breast Cancer Progression and Metastasis. <i>Stem Cells International</i> , 2015, 2015, 1-17.	1.2	77
3323	The Potential of GMP-Compliant Platelet Lysate to Induce a Permissive State for Cardiovascular Transdifferentiation in Human Mediastinal Adipose Tissue-Derived Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	16
3324	Use of Adipose-Derived Mesenchymal Stem Cells in Keratoconjunctivitis Sicca in a Canine Model. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	78
3325	Human Mesenchymal Stromal Cells Transplantation May Enhance or Inhibit 4T1 Murine Breast Adenocarcinoma through Different Approaches. <i>Stem Cells International</i> , 2015, 2015, 1-11.	1.2	10
3326	Sonic Hedgehog Produced by Bone Marrow-Derived Mesenchymal Stromal Cells Supports Cell Survival in Myelodysplastic Syndrome. <i>Stem Cells International</i> , 2015, 2015, 1-13.	1.2	15
3327	Osteogenic Potential of Dental Mesenchymal Stem Cells in Preclinical Studies: A Systematic Review Using Modified ARRIVE and CONSORT Guidelines. <i>Stem Cells International</i> , 2015, 2015, 1-28.	1.2	35
3328	Mesenchymal Stem Cells for Cardiac Regenerative Therapy: Optimization of Cell Differentiation Strategy. <i>Stem Cells International</i> , 2015, 2015, 1-10.	1.2	38
3329	Wharton's Jelly Derived Mesenchymal Stem Cells: Future of Regenerative Medicine? Recent Findings and Clinical Significance. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	130

#	ARTICLE	IF	CITATIONS
3330	Characterization of Nestin, a Selective Marker for Bone Marrow Derived Mesenchymal Stem Cells. Stem Cells International, 2015, 2015, 1-9.	1.2	76
3331	An Efficient Protocol for Deriving Liver Stem Cells from Neonatal Mice: Validating Its Differentiation Potential. Analytical Cellular Pathology, 2015, 2015, 1-10.	0.7	2
3332	A New Paradigm in Cardiac Regeneration: The Mesenchymal Stem Cell Secretome. Stem Cells International, 2015, 2015, 1-10.	1.2	113
3333	Human Bone Marrow-Derived Mesenchymal Stromal Cells Differentially Inhibit Cytokine Production by Peripheral Blood Monocytes Subpopulations and Myeloid Dendritic Cells. Stem Cells International, 2015, 2015, 1-15.	1.2	24
3334	Bone Marrow-Derived Multipotent Stromal Cells Promote Myocardial Fibrosis and Reverse Remodeling of the Left Ventricle. Stem Cells International, 2015, 2015, 1-16.	1.2	10
3335	Controlling Redox Status for Stem Cell Survival, Expansion, and Differentiation. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-14.	1.9	108
3336	Intravenous Administration of Bone Marrow-Derived Mesenchymal Stem Cells Induces a Switch from Classical to Atypical Symptoms in Experimental Autoimmune Encephalomyelitis. Stem Cells International, 2015, 2015, 1-14.	1.2	30
3337	Octanoate in Human Albumin Preparations Is Detrimental to Mesenchymal Stromal Cell Culture. Stem Cells International, 2015, 2015, 1-8.	1.2	1
3338	Stem Cells for Cutaneous Wound Healing. BioMed Research International, 2015, 2015, 1-11.	0.9	75
3339	Three-Dimensional Modelling inside a Differential Pressure Laminar Flow Bioreactor Filled with Porous Media. BioMed Research International, 2015, 2015, 1-9.	0.9	7
3340	Autoserum: An Optimal Supplement for Bone Marrow Mesenchymal Stem Cells of Liver-Injured Rats. Stem Cells International, 2015, 2015, 1-10.	1.2	3
3341	Application of Bladder Acellular Matrix in Urinary Bladder Regeneration: The State of the Art and Future Directions. BioMed Research International, 2015, 2015, 1-11.	0.9	49
3342	Mesenchymal Stem Cells: Rising Concerns over Their Application in Treatment of Type One Diabetes Mellitus. Journal of Diabetes Research, 2015, 2015, 1-19.	1.0	49
3343	<i>In Vitro</i> and <i>In Vivo</i> Effects of Metformin on Osteopontin Expression in Mice Adipose-Derived Multipotent Stromal Cells and Adipose Tissue. Journal of Diabetes Research, 2015, 2015, 1-16.	1.0	17
3344	<i>In Vitro</i> and <i>In Vivo</i> Hepatic Differentiation of Adult Somatic Stem Cells and Extraembryonic Stem Cells for Treating End Stage Liver Diseases. Stem Cells International, 2015, 2015, 1-11.	1.2	31
3345	Cigarette Smoking Is Associated with a Lower Concentration of CD105 ⁺ Bone Marrow Progenitor Cells. Bone Marrow Research, 2015, 2015, 1-6.	1.7	17
3346	Impact of Umbilical Cord Blood-Derived Mesenchymal Stem Cells on Cardiovascular Research. BioMed Research International, 2015, 2015, 1-6.	0.9	13
3347	Stem Cells - biological update and cell therapy progress. Medicine and Pharmacy Reports, 2015, 88, 265-271.	0.2	31

#	ARTICLE	IF	CITATIONS
3348	Low dose radiation induced senescence of human mesenchymal stromal cells and impaired the autophagy process. <i>Oncotarget</i> , 2015, 6, 8155-8166.	0.8	106
3349	Calcium Phosphate Scaffolds Combined with Bone Morphogenetic Proteins or Mesenchymal Stem Cells in Bone Tissue Engineering. <i>Chinese Medical Journal</i> , 2015, 128, 1121-1127.	0.9	40
3350	Recent advances in bone regeneration using adult stem cells. <i>World Journal of Stem Cells</i> , 2015, 7, 630.	1.3	37
3351	Placental-derived stem cells: Culture, differentiation and challenges. <i>World Journal of Stem Cells</i> , 2015, 7, 769.	1.3	72
3352	Rat visceral yolk sac cells: viability and expression of cell markers during maternal diabetes. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 676-682.	0.7	3
3353	New Strategies for Overcoming Limitations of Mesenchymal Stem Cell-Based Immune Modulation. <i>International Journal of Stem Cells</i> , 2015, 8, 54-68.	0.8	108
3354	Bone-marrow-derived mesenchymal stem cells attenuate cognitive deficits in an endothelin-1 rat model of stroke. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 579-588.	0.4	11
3355	Cancer associated fibroblasts in hematological malignancies. <i>Oncotarget</i> , 2015, 6, 2589-2603.	0.8	46
3356	Mesenchymal Stem Cells: How Can we Realize their Therapeutic Potential in Cancer Therapy?. , 2015, 05, .		1
3357	The anti-fibrotic effects of mesenchymal stem cells on irradiated lungs via stimulating endogenous secretion of HGF and PGE2. <i>Scientific Reports</i> , 2015, 5, 8713.	1.6	73
3358	Isolation and characterization of progenitor mesenchymal cells in human pituitary tumors. <i>Cancer Gene Therapy</i> , 2015, 22, 9-16.	2.2	34
3359	An Inducible Caspase-9 Suicide Gene to Improve the Safety of Therapy Using Human Induced Pluripotent Stem Cells. <i>Molecular Therapy</i> , 2015, 23, 1475-1485.	3.7	85
3360	The Therapeutic Effects of Human Mesenchymal Stem Cells Primed with Sphingosine-1 Phosphate on Pulmonary Artery Hypertension. <i>Stem Cells and Development</i> , 2015, 24, 1658-1671.	1.1	39
3361	Hypoxic culture of bone marrow-derived mesenchymal stromal stem cells differentially enhances in vitro chondrogenesis within cell-seeded collagen and hyaluronic acid porous scaffolds. <i>Stem Cell Research and Therapy</i> , 2015, 6, 84.	2.4	75
3362	Influence of vascular endothelial growth factor stimulation and serum deprivation on gene activation patterns of human adipose tissue-derived stromal cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 62.	2.4	25
3363	BMP2 repression and optimized culture conditions promote human bone marrow-derived mesenchymal stem cell isolation. <i>Regenerative Medicine</i> , 2015, 10, 109-125.	0.8	27
3364	Mesenchymal Stromal Cell Therapy in Hematology: From Laboratory to Clinic and Back Again. <i>Stem Cells and Development</i> , 2015, 24, 1713-1729.	1.1	15
3365	Mesenchymal Stem Cells Improve Heart Rate Variability and Baroreflex Sensitivity in Rats with Chronic Heart Failure. <i>Stem Cells and Development</i> , 2015, 24, 2181-2192.	1.1	14

#	ARTICLE	IF	CITATIONS
3366	First-in-Human Case Study: Multipotent Adult Progenitor Cells for Immunomodulation After Liver Transplantation. <i>Stem Cells Translational Medicine</i> , 2015, 4, 899-904.	1.6	62
3367	Targeting specificity of dendritic cells on breast cancer stem cells: in vitro and in vivo evaluations. <i>OncoTargets and Therapy</i> , 2015, 8, 323.	1.0	12
3368	Collecting Duct-Derived Cells Display Mesenchymal Stem Cell Properties and Retain Selective In Vitro and In Vivo Epithelial Capacity. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 81-94.	3.0	33
3369	Bone Marrow Mesenchymal Stem Cell Therapy for Voiding Dysfunction. <i>Current Urology Reports</i> , 2015, 16, 49.	1.0	9
3370	Evaluation of the role of autogenous bone-marrow-derived mesenchymal stem cell transplantation for the repair of mandibular bone defects in rabbits. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1151-1160.	0.7	17
3371	Fibronectin-Alginate microcapsules improve cell viability and protein secretion of encapsulated Factor IX-engineered human mesenchymal stromal cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2015, 43, 318-327.	1.9	12
3372	Rheology and porosity effect on the proliferation of preosteoblast on zirconia ceramics. <i>Journal of Physics: Conference Series</i> , 2015, 602, 012028.	0.3	0
3373	Myrtucommulone-A treatment decreases pluripotency- and multipotency-associated marker expression in bladder cancer cell line HTB-9. <i>Journal of Natural Medicines</i> , 2015, 69, 543-554.	1.1	16
3374	Expansion, harvest and cryopreservation of human mesenchymal stem cells in a serum-free microcarrier process. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1696-1707.	1.7	71
3375	Establishing Criteria for Human Mesenchymal Stem Cell Potency. <i>Stem Cells</i> , 2015, 33, 1878-1891.	1.4	163
3376	Expanded Adipose Tissue-Derived Stem Cells for Articular Cartilage Injury Treatment: A Safety and Efficacy Evaluation. , 2015, , 113-123.		0
3377	Adipocyte and preadipocyte viability in autologous fat grafts: comparing the water jet-assisted liposuction (WAL) and Coleman techniques. <i>European Journal of Plastic Surgery</i> , 2015, 38, 183-188.	0.3	2
3378	High-throughput bone and cartilage micropellet manufacture, followed by assembly of micropellets into biphasic osteochondral tissue. <i>Cell and Tissue Research</i> , 2015, 361, 755-768.	1.5	32
3379	Human Periosteal Derived Stem Cell Potential: The Impact of age. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 487-500.	5.6	33
3380	Biomarkers. , 2015, , 235-241.		21
3381	Clinical Aspects of Regenerative Medicine. , 2015, , 507-526.		0
3382	In vitro characterization of human hair follicle dermal sheath mesenchymal stromal cells and their potential in enhancing diabetic wound healing. <i>Cytotherapy</i> , 2015, 17, 1036-1051.	0.3	43
3383	Human adipose-derived stromal cells in a clinically applicable injectable alginate hydrogel: Phenotypic and immunomodulatory evaluation. <i>Cytotherapy</i> , 2015, 17, 1104-1118.	0.3	49

#	ARTICLE	IF	CITATIONS
3384	Wip1 knockout inhibits the proliferation and enhances the migration of bone marrow mesenchymal stem cells. <i>Experimental Cell Research</i> , 2015, 334, 310-322.	1.2	18
3385	Adipose-derived Mesenchymal Stem Cells and Their Reparative Potential in Ischemic Heart Disease. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015, 68, 599-611.	0.4	28
3386	Multipotent stem cells of the heart—do they have therapeutic promise?. <i>Frontiers in Physiology</i> , 2015, 6, 123.	1.3	26
3387	Toward an “off the shelf”™ technology for burn victims: healing wounds with mesenchymal stem cells. <i>Regenerative Medicine</i> , 2015, 10, 381-384.	0.8	5
3388	Activation of non-myogenic mesenchymal stem cells during the disease progression in dystrophic dystrophin/utrophin knockout mice. <i>Human Molecular Genetics</i> , 2015, 24, 3814-29.	1.4	23
3389	Transplantation of mesenchymal stem cells ameliorates secondary osteoporosis through interleukin-17-impaired functions of recipient bone marrow mesenchymal stem cells in MRL/lpr mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 104.	2.4	53
3390	Periodontal Ligament Stem Cells: Current Status, Concerns, and Future Prospects. <i>Stem Cells International</i> , 2015, 2015, 1-11.	1.2	317
3391	Mesenchymal Stem Cells Derived from Peripheral Blood Retain Their Pluripotency, but Undergo Senescence During Long-Term Culture. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 1088-1097.	1.1	21
3392	Wharton’s Jelly-Derived Mesenchymal Stromal Cells as a Promising Cellular Therapeutic Strategy for the Management of Graft-versus-Host Disease. <i>Pharmaceuticals</i> , 2015, 8, 196-220.	1.7	30
3393	Microencapsulated equine mesenchymal stromal cells promote cutaneous wound healing in vitro. <i>Stem Cell Research and Therapy</i> , 2015, 6, 66.	2.4	60
3395	Visual bone marrow mesenchymal stem cell transplantation in the repair of spinal cord injury. <i>Neural Regeneration Research</i> , 2015, 10, 404.	1.6	21
3396	Structural and Volumetric Changes in the Aging Face. <i>Facial Plastic Surgery</i> , 2015, 31, 03-09.	0.5	24
3398	The potential of cytotherapeutics in hematologic reconstitution and in the treatment and prophylaxis of graft-versus-host disease. Chapter II: emerging transformational cytotherapies. <i>Regenerative Medicine</i> , 2015, 10, 345-373.	0.8	8
3399	Human mesenchymal stem cells labelled with dye-loaded amorphous silica nanoparticles: long-term biosafety, stemness preservation and traceability in the beating heart. <i>Journal of Nanobiotechnology</i> , 2015, 13, 77.	4.2	18
3400	Human Amnion-Derived Mesenchymal Stem Cell Transplantation Ameliorates Liver Fibrosis in Rats. <i>Transplantation Direct</i> , 2015, 1, 1-9.	0.8	37
3401	Characterization of connective tissue progenitors through phase contrast and multicolor fluorescence time-lapse microscopy. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
3402	A 3D <i>ex vivo</i> mandible slice system for longitudinal culturing of transplanted dental pulp progenitor cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 921-928.	1.1	7
3403	System-wide survey of proteomic responses of human bone marrow stromal cells (hBMSCs) to in vitro cultivation. <i>Stem Cell Research</i> , 2015, 15, 655-664.	0.3	11

#	ARTICLE	IF	CITATIONS
3404	Generation of an iPS cell line from bone marrow derived mesenchymal stromal cells from an elderly patient. <i>Stem Cell Research</i> , 2015, 15, 565-568.	0.3	7
3405	Differentiation potential of mesenchymal stem cells isolated from human dental tissues into non-mesodermal lineage. <i>Animal Cells and Systems</i> , 2015, 19, 321-331.	0.8	11
3406	Carica papaya induces in vitro thrombopoietic cytokines secretion by mesenchymal stem cells and haematopoietic cells. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 215.	3.7	16
3407	Mesenchymal stem/stromal cells as a delivery platform in cell and gene therapies. <i>BMC Medicine</i> , 2015, 13, 186.	2.3	109
3408	Mesenchymal stem cells: potential for therapy and treatment of chronic non-healing skin wounds. <i>Organogenesis</i> , 2015, 11, 183-206.	0.4	91
3409	Osteogenic Differentiation of Human and Ovine Bone Marrow Stromal Cells in response to β -Glycerophosphate and Monosodium Phosphate. <i>Cellular Reprogramming</i> , 2015, 17, 235-242.	0.5	13
3410	Bioprocessing strategies for the large-scale production of human mesenchymal stem cells: a review. <i>Stem Cell Research and Therapy</i> , 2015, 6, 225.	2.4	126
3411	Placental Mesenchymal Stromal Cells Rescue Ambulation in Ovine Myelomeningocele. <i>Stem Cells Translational Medicine</i> , 2015, 4, 659-669.	1.6	103
3412	Lack of anti-inflammatory and anti-catabolic effects on basal inflamed osteoarthritic chondrocytes or synoviocytes by adipose stem cell-conditioned medium. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 2045-2057.	0.6	19
3413	Curcumin as a double-edged sword for stem cells: dose, time and cell type-specific responses to curcumin. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 33.	0.9	54
3414	ICRP Publication 131: Stem Cell Biology with Respect to Carcinogenesis Aspects of Radiological Protection. <i>Annals of the ICRP</i> , 2015, 44, 7-357.	3.0	52
3415	Isolation and Characterization of Mesenchymal Stem Cells from Amniotic Membrane. , 2015, , 195-207.		0
3416	A discussion on adult mesenchymal stem cells for drug delivery: pros and cons. <i>Therapeutic Delivery</i> , 2015, 6, 1335-1346.	1.2	11
3417	Adipose Stromal Cells Repair Pressure Ulcers in Both Young and Elderly Mice: Potential Role of Adipogenesis in Skin Repair. <i>Stem Cells Translational Medicine</i> , 2015, 4, 632-642.	1.6	62
3418	MiR-30a attenuates immunosuppressive functions of IL-1 β -elicited mesenchymal stem cells via targeting TAB3. <i>FEBS Letters</i> , 2015, 589, 3899-3907.	1.3	32
3419	Mesenchymal stem cells derived from human induced pluripotent stem cells retain adequate osteogenicity and chondrogenicity but less adipogenicity. <i>Stem Cell Research and Therapy</i> , 2015, 6, 144.	2.4	93
3420	Mesenchymal stem cells for treating ocular surface diseases. <i>BMC Ophthalmology</i> , 2015, 15, 155.	0.6	52
3421	A Novel and Effective Strategy for the Isolation of Adipose-Derived Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 454e-455e.	0.7	65

#	ARTICLE	IF	CITATIONS
3422	Adipose tissue-derived mesenchymal stem cells and platelet-rich plasma: stem cell transplantation methods that enhance stemness. <i>Stem Cell Research and Therapy</i> , 2015, 6, 215.	2.4	98
3423	The developmental basis of mesenchymal stem/stromal cells (MSCs). <i>BMC Developmental Biology</i> , 2015, 15, 44.	2.1	84
3424	Characterization of bursa subacromialis-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 114.	2.4	67
3425	Solution-Phase Crosstalk and Regulatory Interactions Between Multipotent Adult Progenitor Cells and Peripheral Blood Mononuclear Cells. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1436-1449.	1.6	5
3426	Regenerative Engineering of Cartilage Using Adipose-Derived Stem Cells. <i>Regenerative Engineering and Translational Medicine</i> , 2015, 1, 42-49.	1.6	47
3427	Characterization of secretomes provides evidence for adipose-derived mesenchymal stromal cells subtypes. <i>Stem Cell Research and Therapy</i> , 2015, 6, 221.	2.4	114
3428	Histone methyltransferases and demethylases: regulators in balancing osteogenic and adipogenic differentiation of mesenchymal stem cells. <i>International Journal of Oral Science</i> , 2015, 7, 197-204.	3.6	70
3429	Bone formation of embryonic stem cell-derived mesenchymal stem cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2015, 12, 132-137.	1.6	0
3430	Peculiarity of Porcine Amniotic Membrane and Its Derived Cells: A Contribution to the Study of Cell Therapy from a Large Animal Model. <i>Cellular Reprogramming</i> , 2015, 17, 472-483.	0.5	9
3431	Optimization of adipose tissue-derived mesenchymal stem cells by rapamycin in a murine model of acute graft-versus-host disease. <i>Stem Cell Research and Therapy</i> , 2015, 6, 202.	2.4	29
3432	Comparative analysis of human mesenchymal stem cells from bone marrow and adipose tissue under xeno-free conditions for cell therapy. <i>Stem Cell Research and Therapy</i> , 2015, 6, 55.	2.4	313
3433	Comparison of mesenchymal stem cells isolated from various tissues of isogenic mini-pig. <i>Animal Cells and Systems</i> , 2015, 19, 407-416.	0.8	2
3434	Polarisation and functional characterisation of hepatocytes derived from human embryonic and mesenchymal stem cells. <i>Biomedical Reports</i> , 2015, 3, 626-636.	0.9	13
3435	Three-dimensional matrixes of natural and synthetic origin for cell biotechnology. <i>Applied Biochemistry and Microbiology</i> , 2015, 51, 841-856.	0.3	4
3436	Differential ability of MSCs isolated from placenta and cord as feeders for supporting ex vivo expansion of umbilical cord blood derived CD34+ cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 201.	2.4	43
3437	In quest of optimal drug-supported and targeted bone regeneration in the cranio facial area: a review of techniques and methods. <i>Drug Metabolism Reviews</i> , 2015, 47, 455-469.	1.5	7
3438	Prospective heterotopic ossification progenitors in adult human skeletal muscle. <i>Bone</i> , 2015, 71, 164-170.	1.4	36
3439	CXCR4 Regulates Extra-Medullary Myeloma through Epithelial-Mesenchymal-Transition-like Transcriptional Activation. <i>Cell Reports</i> , 2015, 12, 622-635.	2.9	123

#	ARTICLE	IF	CITATIONS
3440	Adipose derived mesenchymal stem cell therapy in the treatment of isolated knee chondral lesions: design of a randomised controlled pilot study comparing arthroscopic microfracture versus arthroscopic microfracture combined with postoperative mesenchymal stem cell injections. <i>BMJ Open</i> , 2015, 5, e009332.	0.8	50
3441	Large-Scale Expansion and Differentiation of Mesenchymal Stem Cells in Microcarrier-Based Stirred Bioreactors. <i>Methods in Molecular Biology</i> , 2015, 1502, 87-102.	0.4	16
3442	Tougu Xiaotong formula induces chondrogenic differentiation in association with transforming growth factor- β 1 and promotes proliferation in bone marrow stromal cells. <i>International Journal of Molecular Medicine</i> , 2015, 35, 747-754.	1.8	5
3443	Integrin α 4 is involved in the regulation of glioma-induced motility of bone marrow mesenchymal stem cells. <i>Oncology Reports</i> , 2015, 34, 779-786.	1.2	5
3444	Fusion of cancer stem cells and mesenchymal stem cells contributes to glioma neovascularization. <i>Oncology Reports</i> , 2015, 34, 2022-2030.	1.2	16
3445	Dual effects of human adipose tissue-derived mesenchymal stem cells in human lung adenocarcinoma A549 xenografts and colorectal adenocarcinoma HT-29 xenografts in mice. <i>Oncology Reports</i> , 2015, 34, 1733-1744.	1.2	10
3446	Positive selection of Wharton's jelly-derived CD105 ⁺ cells by MACS technique and their subsequent cultivation under suspension culture condition: A simple, versatile culturing method to enhance the multipotentiality of mesenchymal stem cells. <i>Hematology</i> , 2015, 20, 208-216.	0.7	13
3447	Establishment of immortalized mesenchymal stem cells derived from the submandibular glands of tdTomato transgenic mice. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1380-1386.	0.8	5
3448	Acquisition of new tumor cell properties by MSC-derived exosomes. <i>International Journal of Oncology</i> , 2015, 47, 244-252.	1.4	107
3449	Mesenchymal stem cells expressing cytosine deaminase inhibit growth of murine melanoma B16F10 in vivo. <i>Molecular Biology</i> , 2015, 49, 904-911.	0.4	8
3450	Markers for the identification of tendon-derived stem cells in vitro and tendon stem cells in situ – update and future development. <i>Stem Cell Research and Therapy</i> , 2015, 6, 106.	2.4	60
3451	Vascularization mediated by mesenchymal stem cells from bone marrow and adipose tissue: a comparison. <i>Cell Regeneration</i> , 2015, 4, 4:8.	1.1	66
3452	Stable Lentiviral Vector Transfer into Mesenchymal Stem Cells In Vivo. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 159, 764-767.	0.3	3
3453	RIA fractions contain mesenchymal stroma cells with high osteogenic potency. <i>Injury</i> , 2015, 46, S23-S32.	0.7	43
3454	Assessment of the Behavior of Mesenchymal Stem Cells Immobilized in Biomimetic Alginate Microcapsules. <i>Molecular Pharmaceutics</i> , 2015, 12, 3953-3962.	2.3	22
3455	Potentialities of Adipose-Derived Mesenchymal Stem Cells Collected from Liposuction for Use in Cellular Therapy. , 2015, , 151-157.		4
3456	Adipose-Derived Stem Cells for Therapeutic Applications. , 2015, , 77-89.		1
3457	Human Mesenchymal Stroma/Stem Cells Exchange Membrane Proteins and Alter Functionality During Interaction with Different Tumor Cell Lines. <i>Stem Cells and Development</i> , 2015, 24, 1205-1222.	1.1	71

#	ARTICLE	IF	CITATIONS
3458	Osteoprogenitor Cells from Bone Marrow and Cortical Bone: Understanding How the Environment Affects Their Fate. <i>Stem Cells and Development</i> , 2015, 24, 1112-1123.	1.1	31
3459	GFP labelling and epigenetic enzyme expression of bone marrow-derived mesenchymal stem cells from bovine foetuses. <i>Research in Veterinary Science</i> , 2015, 99, 120-128.	0.9	12
3460	Stem cells show promising results for lymphoedema treatment – A literature review. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2015, 49, 65-71.	0.4	21
3461	Investigation of immunomodulatory properties of Human Wharton's Jelly-derived Mesenchymal Stem Cells after lentiviral transduction. <i>Cellular Immunology</i> , 2015, 293, 59-66.	1.4	11
3462	Stromal cells and stem cells in clinical bone regeneration. <i>Nature Reviews Endocrinology</i> , 2015, 11, 140-150.	4.3	342
3463	Advances in cell culture: anchorage dependence. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140040.	1.8	116
3464	The Expression of <i>NPPA</i> Splice Variants During Mouse Cardiac Development. <i>DNA and Cell Biology</i> , 2015, 34, 19-28.	0.9	6
3465	MSCs derived from iPSCs with a modified protocol are tumor-tropic but have much less potential to promote tumors than bone marrow MSCs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 530-535.	3.3	135
3466	p53 Loss Increases the Osteogenic Differentiation of Bone Marrow Stromal Cells. <i>Stem Cells</i> , 2015, 33, 1304-1319.	1.4	60
3467	Progress in cell-based therapies for tendon repair. <i>Advanced Drug Delivery Reviews</i> , 2015, 84, 240-256.	6.6	152
3468	Ginsenoside-Rb2 Inhibits Dexamethasone-Induced Apoptosis Through Promotion of GPR120 Induction in Bone Marrow-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2015, 24, 781-790.	1.1	36
3469	Filtration methodologies for the clarification and concentration of human mesenchymal stem cells. <i>Journal of Membrane Science</i> , 2015, 478, 117-129.	4.1	38
3470	Equine Bone Marrow and Adipose Tissue Mesenchymal Stem Cells: Cytofluorimetric Characterization, In Vitro Differentiation, and Clinical Application. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 130-140.	0.4	14
3471	Equid herpesvirus 1 (EHV1) infection of equine mesenchymal stem cells induces a pUL56-dependent downregulation of select cell surface markers. <i>Veterinary Microbiology</i> , 2015, 176, 32-39.	0.8	12
3472	Transplantation of bone marrow-derived mesenchymal stem cells facilitates epithelial repair and relieves the impairment of gastrointestinal function in a rat model of enteritis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2015, 39, 114-120.	0.7	3
3473	Development of porous PLGA/PEI1.8k biodegradable microspheres for the delivery of mesenchymal stem cells (MSCs). <i>Journal of Controlled Release</i> , 2015, 205, 128-133.	4.8	42
3474	Effect of mild heat stress on the proliferative and differentiative ability of human mesenchymal stromal cells. <i>Cytotherapy</i> , 2015, 17, 359-368.	0.3	45
3475	Are stem cells a potential therapeutic tool in coeliac disease?. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1317-1329.	2.4	5

#	ARTICLE	IF	CITATIONS
3476	Caveats of mesenchymal stem cell therapy in solid organ transplantation. <i>Transplant International</i> , 2015, 28, 1-9.	0.8	39
3477	Quick and effective method of bone marrow mesenchymal stem cell extraction. <i>Open Medicine (Poland)</i> , 2015, 10, 44-49.	0.6	23
3478	Human Periapical Cystâ€“Mesenchymal Stem Cells Differentiate Into Neuronal Cells. <i>Journal of Dental Research</i> , 2015, 94, 843-852.	2.5	75
3479	CXCR4+CD45âˆ“ BMMNC subpopulation is superior to unfractionated BMMNCs for protection after ischemic stroke in mice. <i>Brain, Behavior, and Immunity</i> , 2015, 45, 98-108.	2.0	33
3480	Cell Proliferation-Inducing Protein 52/Mitofilin Is a Surface Antigen on Undifferentiated Human Dental Pulp Stem Cells. <i>Stem Cells and Development</i> , 2015, 24, 1309-1319.	1.1	7
3481	Mesenchymal Stromal Cells from Female Donors Enhance Breast Cancer Cell Proliferation in vitro. <i>Oncology</i> , 2015, 88, 214-225.	0.9	7
3482	Mesenchymal stem cells engrafted in a fibrin scaffold stimulate Schwann cell reactivity and axonal regeneration following sciatic nerve tubulization. <i>Brain Research Bulletin</i> , 2015, 112, 14-24.	1.4	46
3483	Stem cells for amyotrophic lateral sclerosis modeling and therapy: Myth or fact?. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 197-211.	1.1	18
3484	Genomic and functional comparison of mesenchymal stromal cells prepared using two isolation methods. <i>Cytotherapy</i> , 2015, 17, 262-270.	0.3	17
3485	The role of dentin matrix protein 1 (DMP1) in regulation of osteogenic differentiation of rat dental follicle stem cells (DFSCs). <i>Archives of Oral Biology</i> , 2015, 60, 546-556.	0.8	28
3486	Bone marrow stromal mesenchymal cells induce down regulation of <sc>CD</sc>20 expression on Bâ€“<sc>CLL</sc>: implications for rituximab resistance in <sc>CLL</sc>. <i>British Journal of Haematology</i> , 2015, 169, 211-218.	1.2	18
3487	Amniotic Fluidâ€“A Source for Clinical Therapeutics in the Newborn?. <i>Stem Cells and Development</i> , 2015, 24, 1405-1414.	1.1	14
3488	Transplanted Umbilical Cord Mesenchymal Stem Cells Modify the In Vivo Microenvironment Enhancing Angiogenesis and Leading to Bone Regeneration. <i>Stem Cells and Development</i> , 2015, 24, 1570-1581.	1.1	80
3489	Improved Approach for Chondrogenic Differentiation of Human Induced Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 242-253.	5.6	99
3490	The role of purinergic receptors in stem cell differentiation. <i>Computational and Structural Biotechnology Journal</i> , 2015, 13, 75-84.	1.9	57
3491	Umbilical Cord as a Source of Immunomodulatory Reagents. , 2015, , 125-140.		1
3492	Cord Blood Content. , 2015, , 9-26.		0
3493	In vitro co-culture strategies to prevascularization for bone regeneration: A brief update. <i>Tissue Engineering and Regenerative Medicine</i> , 2015, 12, 69-79.	1.6	12

#	ARTICLE	IF	CITATIONS
3494	Characteristics and Therapeutic Potential of Menstrual Blood-Derived Stem Cells. , 2015, , 55-70.		0
3495	Sourcing of an Alternative Pericyte-Like Cell Type from Peripheral Blood in Clinically Relevant Numbers for Therapeutic Angiogenic Applications. <i>Molecular Therapy</i> , 2015, 23, 510-522.	3.7	28
3496	The Role of Reactive Oxygen Species in Mesenchymal Stem Cell Adipogenic and Osteogenic Differentiation: A Review. <i>Stem Cells and Development</i> , 2015, 24, 1150-1163.	1.1	472
3497	In vitro augmentation of mesenchymal stem cells viability in stressful microenvironments. <i>Cell Stress and Chaperones</i> , 2015, 20, 237-251.	1.2	85
3498	Isolation, culture, characterization, and adipogenic differentiation of heifer endometrial mesenchymal stem cells. <i>Comparative Clinical Pathology</i> , 2015, 24, 1159-1164.	0.3	18
3499	Mesenchymal stem cells are enriched in head neck squamous cell carcinoma, correlates with tumour size and inhibit T-cell proliferation. <i>British Journal of Cancer</i> , 2015, 112, 745-754.	2.9	61
3500	Human Adipose-Derived Stem Cells (ASC): Their Efficacy in Clinical Applications. , 2015, , 135-149.		2
3501	Efficient and sustained IGF-1 expression in the adipose tissue-derived stem cells mediated via a lentiviral vector. <i>Journal of Molecular Histology</i> , 2015, 46, 1-11.	1.0	8
3502	CXCR4 Receptor Overexpression in Mesenchymal Stem Cells Facilitates Treatment of Acute Lung Injury in Rats. <i>Journal of Biological Chemistry</i> , 2015, 290, 1994-2006.	1.6	119
3503	Mesenchymal stromal cells for sphincter regeneration. <i>Advanced Drug Delivery Reviews</i> , 2015, 82-83, 123-136.	6.6	21
3504	Isolation and characterisation of human gingival margin-derived STRO-1/MACS+ and MACS ⁺ cell populations. <i>International Journal of Oral Science</i> , 2015, 7, 80-88.	3.6	67
3505	Immunomodulatory characteristics of mesenchymal stem cells and their role in the treatment of Multiple Sclerosis. <i>Cellular Immunology</i> , 2015, 293, 113-121.	1.4	93
3506	The challenge of defining mesenchymal stromal cell potency assays and their potential use as release criteria. <i>Cytotherapy</i> , 2015, 17, 125-127.	0.3	64
3507	Human mesenchymal stromal cell lysates as a novel strategy to recover liver function. <i>Regenerative Medicine</i> , 2015, 10, 25-38.	0.8	1
3508	Adipose-derived stem cells: selecting for translational success. <i>Regenerative Medicine</i> , 2015, 10, 79-96.	0.8	40
3509	Suspension-Expansion of Bone Marrow Results in Small Mesenchymal Stem Cells Exhibiting Increased Transpulmonary Passage Following Intravenous Administration. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 683-692.	1.1	20
3510	Metabolic regulation of mesenchymal stem cell in expansion and therapeutic application. <i>Biotechnology Progress</i> , 2015, 31, 468-481.	1.3	46
3511	Mesenchymal stem cells reside in a vascular niche in the decidua basalis and are absent in remodelled spiral arterioles. <i>Placenta</i> , 2015, 36, 312-321.	0.7	34

#	ARTICLE	IF	CITATIONS
3512	Dose-response estrogen promotes osteogenic differentiation via GPR40 (FFAR1) in murine BMSCs. <i>Biochimie</i> , 2015, 110, 36-44.	1.3	15
3513	The translation of cell-based therapies: clinical landscape and manufacturing challenges. <i>Regenerative Medicine</i> , 2015, 10, 49-64.	0.8	253
3514	Manufacturing, characterization and control of cell-based medicinal products: challenging paradigms toward commercial use. <i>Regenerative Medicine</i> , 2015, 10, 65-78.	0.8	40
3515	Multidifferentiation potential of human mesenchymal stem cells from adipose tissue and hamstring tendons for musculoskeletal cell-based therapy. <i>Regenerative Medicine</i> , 2015, 10, 729-743.	0.8	33
3516	Influence of inflammation on the immunological profile of adult-derived human liver mesenchymal stromal cells and stellate cells. <i>Cytotherapy</i> , 2015, 17, 174-185.	0.3	43
3517	Mesenchymal Stem Cells: A Friend or Foe in Immune-Mediated Diseases. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 280-287.	5.6	174
3518	Human Umbilical Cord Mesenchymal Stem Cells Alleviate Nasal Mucosa Radiation Damage in a Guinea Pig Model. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 331-338.	1.2	9
3519	Cryopreservation does not alter main characteristics of Good Manufacturing Processâ€grade human multipotent mesenchymal stromal cells including immunomodulating potential and lack of malignant transformation. <i>Cytotherapy</i> , 2015, 17, 186-198.	0.3	74
3520	Biologic Strategies for Intra-articular Treatment and Cartilage Repair. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 175-190.	0.4	11
3521	Gremlin 1 Identifies a Skeletal Stem Cell with Bone, Cartilage, and Reticular Stromal Potential. <i>Cell</i> , 2015, 160, 269-284.	13.5	535
3522	Serum-free isolation and culture system to enhance the proliferation and bone regeneration of adipose tissue-derived mesenchymal stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 515-529.	0.7	13
3523	Featured Article: Dexamethasone and rosiglitazone are sufficient and necessary for producing functional adipocytes from mesenchymal stem cells. <i>Experimental Biology and Medicine</i> , 2015, 240, 1235-1246.	1.1	51
3524	Adipose-Derived Stem Cells in Veterinary Medicine: Characterization and Therapeutic Applications. <i>Stem Cells and Development</i> , 2015, 24, 803-813.	1.1	69
3525	Rapid and Efficient Direct Conversion of Human Adult Somatic Cells into Neural Stem Cells by HMGA2/let-7b. <i>Cell Reports</i> , 2015, 10, 441-452.	2.9	107
3526	Necrotic cell-derived high mobility group box 1 attracts antigen-presenting cells but inhibits hepatocyte growth factor-mediated tropism of mesenchymal stem cells for apoptotic cell death. <i>Cell Death and Differentiation</i> , 2015, 22, 1219-1230.	5.0	32
3527	Isolation and Characterization of Human Mesenchymal Stem Cells Derived From Synovial Fluid in Patients With Osteochondral Lesion of the Talus. <i>American Journal of Sports Medicine</i> , 2015, 43, 399-406.	1.9	35
3528	Human bone marrow mesenchymal stem cellâ€derived hepatocytes express tissue inhibitor of metalloproteinases 4 and follistatin. <i>Liver International</i> , 2015, 35, 2301-2310.	1.9	8
3529	A Small-Molecule Screen for Enhanced Homing of Systemically Infused Cells. <i>Cell Reports</i> , 2015, 10, 1261-1268.	2.9	45

#	ARTICLE	IF	CITATIONS
3530	Placenta as a Source of Stem Cells for Regenerative Medicine. <i>Current Pathobiology Reports</i> , 2015, 3, 9-16.	1.6	5
3531	Expression of Immunomodulator Gene mRNA in Co-Culture of Mesenchymal Stromal Cells from the Placenta and Human Mononuclear Blood Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 158, 561-565.	0.3	0
3532	Mesenchymal Stromal/Stem Cell and Minocycline-Loaded Hydrogels Inhibit the Growth of <i>Staphylococcus aureus</i> that Evades Immunomodulation of Blood-Derived Leukocytes. <i>AAPS Journal</i> , 2015, 17, 620-630.	2.2	15
3533	Exploring continuous and integrated strategies for the up- and downstream processing of human mesenchymal stem cells. <i>Journal of Biotechnology</i> , 2015, 213, 97-108.	1.9	47
3534	Mesenchymal stromal cells from patients with acute myeloid leukemia have altered capacity to expand differentiated hematopoietic progenitors. <i>Leukemia Research</i> , 2015, 39, 486-493.	0.4	56
3535	Mesenchymal stromal cells and rheumatic diseases: new tools from pathogenesis to regenerative therapies. <i>Cytotherapy</i> , 2015, 17, 832-849.	0.3	19
3536	Renal System. , 2015, , 457-468.		0
3537	Three-dimensional culture and characterization of mononuclear cells from human bone marrow. <i>Cytotherapy</i> , 2015, 17, 458-472.	0.3	14
3538	Evaluation of a new standardized enzymatic isolation protocol for human umbilical cord-derived stem cells. <i>Toxicology in Vitro</i> , 2015, 29, 1254-1262.	1.1	12
3539	Stem Cells from Foetal Adnexa and Fluid in Domestic Animals: An Update on Their Features and Clinical Application. <i>Reproduction in Domestic Animals</i> , 2015, 50, 353-364.	0.6	18
3540	The utility of human dedifferentiated fat cells in bone tissue engineering in vitro. <i>Cytotechnology</i> , 2015, 67, 75-84.	0.7	15
3541	Gene Therapy for Diabetes. , 2015, , 115-128.		0
3542	Advances in regeneration of dental pulp â€“ a literature review. <i>Journal of Investigative and Clinical Dentistry</i> , 2015, 6, 85-98.	1.8	21
3543	Human Placenta-Derived CD146-Positive Mesenchymal Stromal Cells Display a Distinct Osteogenic Differentiation Potential. <i>Stem Cells and Development</i> , 2015, 24, 1558-1569.	1.1	44
3544	Sorting of human mesenchymal stem cells by applying optimally designed microfluidic chip filtration. <i>Analyst</i> , The, 2015, 140, 1265-1274.	1.7	20
3545	Mesenchymal stem cell exosomes. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 82-88.	2.3	417
3546	Oscillatory Shear Stress Mediates Directional Reorganization of Actin Cytoskeleton and Alters Differentiation Propensity of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2015, 33, 429-442.	1.4	50
3547	Effect of Multipotent Stromal Cells on the Function of Cell Mitochondria in Regenerating Liver. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 158, 566-572.	0.3	3

#	ARTICLE	IF	CITATIONS
3548	Comparative Analysis of the Expression of Surface Markers on Fibroblasts and Fibroblast-Like Cells Isolated from Different Human Tissues. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 158, 537-543.	0.3	27
3549	Male and female rat bone marrow-derived mesenchymal stem cells are different in terms of the expression of germ cell specific genes. <i>Anatomical Science International</i> , 2015, 90, 187-196.	0.5	9
3550	Human Adipose Tissue-Derived Mesenchymal Stem Cells Abrogate Plasmablast Formation and Induce Regulatory B Cells Independently of T Helper Cells. <i>Stem Cells</i> , 2015, 33, 880-891.	1.4	171
3551	Thermally labile components of aqueous humor potently induce osteogenic potential in adipose-derived mesenchymal stem cells. <i>Experimental Eye Research</i> , 2015, 135, 127-133.	1.2	5
3552	Proliferation And Differentiation Potential Of Canine Synovial Fluid Cells. <i>Acta Veterinaria</i> , 2015, 65, 66-78.	0.2	1
3553	Epigenetic and in vivo comparison of diverse MSC sources reveals an endochondral signature for human hematopoietic niche formation. <i>Blood</i> , 2015, 125, 249-260.	0.6	201
3554	Body Management: Mesenchymal Stem Cells Control the Internal Regenerator. <i>Stem Cells Translational Medicine</i> , 2015, 4, 695-701.	1.6	54
3555	Subcutaneous Adipose Tissueâ€Derived Stem Cell Utility Is Independent of Anatomical Harvest Site. <i>BioResearch Open Access</i> , 2015, 4, 131-145.	2.6	32
3556	Comparative analysis of subpopulations of mesenchymal stromal cells of the bone marrow and fetal liver differing in sensitivity to 5-fluorouracil. <i>Biology Bulletin</i> , 2015, 42, 206-212.	0.1	0
3557	Efficient endodermal induction of human adipose stem cells using various concentrations of Activin A for hepatic differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 1178-1184.	1.0	9
3558	The promoting effects of sesamin on osteoblast differentiation of human mesenchymal stem cells. <i>Journal of Functional Foods</i> , 2015, 14, 395-406.	1.6	10
3559	Comparative study between amniotic-fluid mesenchymal stem cells and retinal pigmented epithelium (RPE) stem cells ability to differentiate towards RPE cells. <i>Cell and Tissue Research</i> , 2015, 362, 21-31.	1.5	14
3560	Immunosuppressive properties of Whartonâ€™s jelly-derived mesenchymal stromal cells in vitro. <i>International Journal of Hematology</i> , 2015, 102, 368-378.	0.7	36
3561	Coating of Ã-tricalcium phosphate scaffoldsâ€a comparison between graphene oxide and poly-lactic-co-glycolic acid. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 045018.	1.7	19
3562	Mesenchymal stromal cells improve cardiac function and left ventricular remodeling in a heart transplantation model. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1481-1488.	0.3	19
3563	Altered expression of microRNAs in the neuronal differentiation of human Whartonâ€™s Jelly mesenchymal stem cells. <i>Neuroscience Letters</i> , 2015, 600, 69-74.	1.0	27
3564	CÃlulas madre mesenquimales derivadas de tejido adiposo y su potencial reparador en la enfermedad isquÃmica coronaria. <i>Revista Espanola De Cardiologia</i> , 2015, 68, 599-611.	0.6	39
3565	Hyaluronic acid effect on adipose-derived stem cells. Biological in vitro evaluation. <i>Revista EspaÃola De CirugÃa OrtopÃdica Y TraumatologÃa</i> , 2015, 59, 215-221.	0.1	6

#	ARTICLE	IF	CITATIONS
3566	Delivery of Apical Mesenchymal Stem Cells into Root Canals of Mature Teeth. <i>Journal of Dental Research</i> , 2015, 94, 1653-1659.	2.5	99
3567	The presence of stem cells in potential stem cell niches of the intervertebral disc region: an in vitro study on rats. <i>European Spine Journal</i> , 2015, 24, 2411-2424.	1.0	25
3568	Exercise and Stem Cells. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 135, 423-456.	0.9	30
3569	Role of ALK5/Smad2/3 and MEK1/ERK Signaling in Transforming Growth Factor Beta 1 modulated Growth, Collagen Turnover, and Differentiation of Stem Cells from Apical Papilla of Human Tooth. <i>Journal of Endodontics</i> , 2015, 41, 1272-1280.	1.4	43
3570	Characterization of human ethmoid sinus mucosa derived mesenchymal stem cells (hESMSCs) and the application of hESMSCs cell sheets in bone regeneration. <i>Biomaterials</i> , 2015, 66, 67-82.	5.7	56
3571	Coadministration of the Human Umbilical Cord Matrix-Derived Mesenchymal Cells and Aspirin Alters Postischemic Brain Injury in Rats. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 2005-2016.	0.7	7
3572	Cultured Human Adipose Tissue Pericytes and Mesenchymal Stromal Cells Display a Very Similar Gene Expression Profile. <i>Stem Cells and Development</i> , 2015, 24, 2822-2840.	1.1	44
3573	Gelatin and galactomannan-based scaffolds: Characterization and potential for tissue engineering applications. <i>Carbohydrate Polymers</i> , 2015, 133, 8-18.	5.1	39
3574	Serum-free media formulations are cell line specific and require optimization for microcarrier culture. <i>Cytotherapy</i> , 2015, 17, 1152-1165.	0.3	40
3576	Cytoprotective effects of melatonin on zoledronic acid-treated human mesenchymal stem cells in vitro. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 855-862.	0.7	25
3577	The Endometrium as a Source of Mesenchymal Stem Cells for Regenerative Medicine1. <i>Biology of Reproduction</i> , 2015, 92, 138.	1.2	72
3578	Classification and biology of tumour associated stromal cells. <i>Immunology Letters</i> , 2015, 168, 175-182.	1.1	34
3579	Noninvasive Oxygen Monitoring in Three-Dimensional Tissue Cultures Under Static and Dynamic Culture Conditions. <i>BioResearch Open Access</i> , 2015, 4, 266-277.	2.6	34
3580	Mesenchymal stromal cells improve early lymphocyte recovery and T cell reconstitution after autologous hematopoietic stem cell transplantation in patients with malignant lymphomas. <i>Cellular Immunology</i> , 2015, 297, 80-86.	1.4	18
3581	Isolation and Differentiation Potential of Human Mesenchymal Stem Cells From Adipose Tissue Harvested by Water Jet-Assisted Liposuction. <i>Aesthetic Surgery Journal</i> , 2015, 35, 1030-1039.	0.9	48
3582	Isolation of mesenchymal stromal/stem cells from small-volume umbilical cord blood units that do not qualify for the banking system. <i>International Journal of Hematology</i> , 2015, 102, 218-229.	0.7	15
3583	TLR4 plays a crucial role in MSC-induced inhibition of NK cell function. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 541-547.	1.0	43
3584	Stem and Progenitor Cell Therapy for Pulmonary Arterial Hypertension: Effects on the Right Ventricle (2013 Grover Conference Series). <i>Pulmonary Circulation</i> , 2015, 5, 73-80.	0.8	9

#	ARTICLE	IF	CITATIONS
3585	Peripheral Blood-Derived Mesenchymal Stem Cells: Candidate Cells Responsible for Healing Critical-Sized Calvarial Bone Defects. <i>Stem Cells Translational Medicine</i> , 2015, 4, 359-368.	1.6	63
3586	The p63 Gene Is Regulated by Grainyhead-like 2 (GRHL2) through Reciprocal Feedback and Determines the Epithelial Phenotype in Human Keratinocytes. <i>Journal of Biological Chemistry</i> , 2015, 290, 19999-20008.	1.6	35
3587	T Lymphocyte Prestimulation Impairs in a Time-Dependent Manner the Capacity of Adipose Mesenchymal Stem Cells to Inhibit Proliferation: Role of Interferon β , Poly I:C, and Tryptophan Metabolism in Restoring Adipose Mesenchymal Stem Cell Inhibitory Effect. <i>Stem Cells and Development</i> , 2015, 24, 2158-2170.	1.1	22
3588	Human umbilical cord mesenchymal stem cells: an overview of their potential in cell-based therapy. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 1293-1306.	1.4	168
3589	Regenerative Therapy and Immune Modulation Using Umbilical Cord Blood-Derived Cells. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 1545-1554.	2.0	40
3590	Fast isolation and expansion of multipotent cells from adipose tissue based on chitosan-selected primary culture. <i>Biomaterials</i> , 2015, 65, 154-162.	5.7	8
3591	Therapeutic Potential of Multipotent Mesenchymal Stromal Cells and Their Extracellular Vesicles. <i>Human Gene Therapy</i> , 2015, 26, 506-517.	1.4	148
3592	Organ-specific migration of mesenchymal stromal cells: Who, when, where and why?. <i>Immunology Letters</i> , 2015, 168, 159-169.	1.1	55
3593	Stem cell regenerative therapy in alveolar cleft reconstruction. <i>Archives of Oral Biology</i> , 2015, 60, 1517-1532.	0.8	25
3594	Mesenchymal stem cells – A new hope for radiotherapy-induced tissue damage?. <i>Cancer Letters</i> , 2015, 366, 133-140.	3.2	83
3595	Mesenchymal stromal cells derived from various tissues: Biological, clinical and cryopreservation aspects. <i>Cryobiology</i> , 2015, 71, 181-197.	0.3	278
3596	Direct Cell-Cell Contact with Chondrocytes Is a Key Mechanism in Multipotent Mesenchymal Stromal Cell-Mediated Chondrogenesis. <i>Tissue Engineering - Part A</i> , 2015, 21, 2536-2547.	1.6	70
3597	Mesenchymal stem cells do not exert direct beneficial effects on CNS remyelination in the absence of the peripheral immune system. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 155-165.	2.0	25
3598	Isolation and characterization of mesenchymal stem cells from the yolk sacs of bovine embryos. <i>Theriogenology</i> , 2015, 84, 887-898.	0.9	29
3600	Cell-Based therapy for traumatic brain injury. <i>British Journal of Anaesthesia</i> , 2015, 115, 203-212.	1.5	72
3601	Stem cell therapy for kidney disease. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 1455-1468.	1.4	17
3602	Stem Cells. <i>Clinics in Perinatology</i> , 2015, 42, 597-612.	0.8	4
3603	Antibody Arrays for Quality Control of Mesenchymal Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16828-16836.	4.0	6

#	ARTICLE	IF	CITATIONS
3604	Bone and cartilage regeneration with the use of umbilical cord mesenchymal stem cells. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 1541-1552.	1.4	46
3605	Phenotypic and Functional Characterization of Long-Term Cryopreserved Human Adipose-derived Stem Cells. <i>Scientific Reports</i> , 2015, 5, 9596.	1.6	81
3606	Mesenchymal Stromal Cells to Halt the Progression of Type 1 Diabetes?. <i>Current Diabetes Reports</i> , 2015, 15, 46.	1.7	12
3607	Osteogenic differentiation of adipose-derived stem cells in mesoporous SBA-16 and SBA-16 hydroxyapatite scaffolds. <i>RSC Advances</i> , 2015, 5, 54551-54562.	1.7	7
3608	Expression of CD105 and CD34 receptors controls BMP-induced in vitro mineralization of mouse adipose-derived stem cells but does not predict their in vivo bone-forming potential. <i>Journal of Orthopaedic Research</i> , 2015, 33, 625-632.	1.2	5
3609	Useful properties of undifferentiated mesenchymal stromal cells and adipose tissue as the source in liver-regenerative therapy studied in an animal model of severe acute fulminant hepatitis. <i>Cytotherapy</i> , 2015, 17, 1052-1065.	0.3	30
3610	Mesenchymal stromal cells and hematopoietic stem cell transplantation. <i>Immunology Letters</i> , 2015, 168, 215-221.	1.1	63
3611	Preeclampsia enhances neuroglial marker expression in umbilical cord Wharton's jelly-derived mesenchymal stem cells. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 464-469.	0.7	14
3612	Development of resorbable nanocomposite tracheal and bronchial scaffolds for paediatric applications. <i>British Journal of Surgery</i> , 2015, 102, e140-e150.	0.1	26
3613	Mouse synovial mesenchymal stem cells increase in yield with knee inflammation. <i>Journal of Orthopaedic Research</i> , 2015, 33, 246-253.	1.2	27
3614	Mesenchymal Stem Cells and Induced Pluripotent Stem Cells as Therapies for Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9283-9302.	1.8	48
3615	Human mesenchymal stem cells - current trends and future prospective. <i>Bioscience Reports</i> , 2015, 35, .	1.1	970
3616	The effect of the bioactive sphingolipids S1P and C1P on multipotent stromal cells – new opportunities in regenerative medicine. <i>Cellular and Molecular Biology Letters</i> , 2015, 20, 510-33.	2.7	23
3617	Potential benefits and limitations of utilizing chondroprogenitors in cell-based cartilage therapy. <i>Connective Tissue Research</i> , 2015, 56, 265-271.	1.1	42
3618	Characterization and Evaluation of Neuronal Trans-Differentiation with Electrophysiological Properties of Mesenchymal Stem Cells Isolated from Porcine Endometrium. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10934-10951.	1.8	22
3619	Systematic review and meta-analysis of efficacy of mesenchymal stem cells on locomotor recovery in animal models of traumatic brain injury. <i>Stem Cell Research and Therapy</i> , 2015, 6, 47.	2.4	48
3620	Stem Cell-Based Therapy in Idiopathic Pulmonary Fibrosis. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 598-620.	5.6	35
3621	Cells for musculoskeletal tissue engineering. , 2015, , 25-42.		1

#	ARTICLE	IF	CITATIONS
3622	Adoptive cell transfer in autoimmune hepatitis. <i>Expert Review of Gastroenterology and Hepatology</i> , 2015, 9, 821-836.	1.4	13
3623	Periodontal regeneration employing gingival margin-derived stem/progenitor cells in conjunction with $\text{IL-1}\alpha$ -hydrogel synthetic extracellular matrix. <i>Journal of Clinical Periodontology</i> , 2015, 42, 448-457.	2.3	71
3624	Stem cell behavior on tailored porous oxide surface coatings. <i>Biomaterials</i> , 2015, 55, 96-109.	5.7	22
3625	The winding road to regenerating the human heart. <i>Cardiovascular Pathology</i> , 2015, 24, 133-140.	0.7	95
3626	Serum- and xeno-free cryopreservation of human umbilical cord tissue as mesenchymal stromal cell source. <i>Cytotherapy</i> , 2015, 17, 593-600.	0.3	27
3627	Intravenous delivery of adipose-derived mesenchymal stromal cells attenuates acute radiation-induced lung injury in rats. <i>Cytotherapy</i> , 2015, 17, 560-570.	0.3	77
3628	Fat Grafting for Treatment of Burns, Burn Scars, and Other Difficult Wounds. <i>Clinics in Plastic Surgery</i> , 2015, 42, 263-283.	0.7	73
3629	Cell therapy for liver diseases: current medicine and future promises. <i>Expert Review of Gastroenterology and Hepatology</i> , 2015, 9, 837-850.	1.4	1
3630	MicroRNA-494 inhibits the growth and angiogenesis-regulating potential of mesenchymal stem cells. <i>FEBS Letters</i> , 2015, 589, 710-717.	1.3	51
3631	Continuous Improvement after Multiple Mesenchymal Stem Cell Transplantations in a Patient with Complete Spinal Cord Injury. <i>Cell Transplantation</i> , 2015, 24, 661-672.	1.2	63
3632	The biological properties of the silver- and copper-doped ceramic biomaterial. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	9
3633	Dental Stem Cells in Pulp Regeneration: Near Future or Long Road Ahead?. <i>Stem Cells and Development</i> , 2015, 24, 1610-1622.	1.1	33
3634	Enhanced human mesenchymal stem cell survival under oxidative stress by overexpression of secreted frizzled-related protein 2 gene. <i>Annals of Hematology</i> , 2015, 94, 319-327.	0.8	12
3635	Tissue non-specific alkaline phosphatase production by human dental pulp stromal cells is enhanced by high density cell culture. <i>Cell and Tissue Research</i> , 2015, 361, 529-540.	1.5	25
3636	Contextual niche signals towards colorectal tumor progression by mesenchymal stem cell in the mouse xenograft model. <i>Journal of Gastroenterology</i> , 2015, 50, 962-974.	2.3	4
3637	Mesenchymal stem cell in vitro labeling by hybrid fluorescent magnetic polymeric particles for application in cell tracking. <i>Medical Molecular Morphology</i> , 2015, 48, 204-213.	0.4	7
3638	PDX-1 mRNA-induced reprogramming of mouse pancreas-derived mesenchymal stem cells into insulin-producing cells in vitro. <i>Clinical and Experimental Medicine</i> , 2015, 15, 501-509.	1.9	16
3639	Embryonic stem cells conditioned medium enhances Wharton's jelly-derived mesenchymal stem cells expansion under hypoxic condition. <i>Cytotechnology</i> , 2015, 67, 493-505.	0.7	4

#	ARTICLE	IF	CITATIONS
3640	Bone marrow-derived mesenchymal stem cells differentiate into nerve-like cells in vitro after transfection with brain-derived neurotrophic factor gene. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 319-327.	0.7	21
3641	Pericytes: Properties, Functions and Applications in Tissue Engineering. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 549-559.	5.6	70
3642	Stem Cell Therapy in Neonatal Diseases. <i>Indian Journal of Pediatrics</i> , 2015, 82, 637-641.	0.3	1
3643	Dental pulp stem cells derived conditioned medium promotes angiogenesis in hindlimb ischemia. <i>Tissue Engineering and Regenerative Medicine</i> , 2015, 12, 59-68.	1.6	16
3644	New Steps in the Use of Mesenchymal Stem Cell in Solid Organ Transplantation. <i>Current Transplantation Reports</i> , 2015, 2, 184-190.	0.9	0
3645	Novel SCRG1/BST1 axis regulates self-renewal, migration and osteogenic differentiation potential in mesenchymal stem cells. <i>Scientific Reports</i> , 2014, 4, 3652.	1.6	56
3646	The TLR7 agonist Imiquimod promote the immunogenicity of mesenchymal stem cells. <i>Biological Research</i> , 2015, 48, 6.	1.5	11
3647	Impact of source tissue and ex vivo expansion on the characterization of goat mesenchymal stem cells. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 1.	2.1	77
3648	Human Dental pulp stem cells (hDPSCs): isolation, enrichment and comparative differentiation of two sub-populations. <i>BMC Developmental Biology</i> , 2015, 15, 14.	2.1	113
3649	Soluble factors from biofilms of wound pathogens modulate human bone marrow-derived stromal cell differentiation, migration, angiogenesis, and cytokine secretion. <i>BMC Microbiology</i> , 2015, 15, 75.	1.3	50
3650	The role of multipotent cancer associated fibroblasts in hepatocarcinogenesis. <i>BMC Cancer</i> , 2015, 15, 188.	1.1	55
3651	Treatment of advanced gastrointestinal tumors with genetically modified autologous mesenchymal stromal cells (TREAT-ME1): study protocol of a phase I/II clinical trial. <i>BMC Cancer</i> , 2015, 15, 237.	1.1	83
3652	Mesenchymal stem cells in rabbit meniscus and bone marrow exhibit a similar feature but a heterogeneous multi-differentiation potential: superiority of meniscus as a cell source for meniscus repair. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 65.	0.8	42
3653	Feasibility and safety of intrathecal transplantation of autologous bone marrow mesenchymal stem cells in horses. <i>BMC Veterinary Research</i> , 2015, 11, 63.	0.7	12
3654	Are mesenchymal stromal cells immune cells?. <i>Arthritis Research and Therapy</i> , 2015, 17, 88.	1.6	54
3655	Challenges in identifying the best source of stem cells for cardiac regeneration therapy. <i>Stem Cell Research and Therapy</i> , 2015, 6, 26.	2.4	85
3656	Culture of human mesenchymal stem cells using a candidate pharmaceutical grade xeno-free cell culture supplement derived from industrial human plasma pools. <i>Stem Cell Research and Therapy</i> , 2015, 6, 28.	2.4	40
3657	Collagen-low molecular weight hyaluronic acid semi-interpenetrating network loaded with gelatin microspheres for cell and growth factor delivery for nucleus pulposus regeneration. <i>Acta Biomaterialia</i> , 2015, 20, 10-21.	4.1	105

#	ARTICLE	IF	CITATIONS
3658	Emerging drugs for the treatment of knee osteoarthritis. Expert Opinion on Emerging Drugs, 2015, 20, 361-378.	1.0	40
3659	Brown adipocytes, cardiac protection and a common adipo- and myogenic stem precursor in aged human hearts. Medical Hypotheses, 2015, 85, 212-214.	0.8	2
3660	Portable and quantitative evaluation of stem cell therapy towards damaged hepatocytes. RSC Advances, 2015, 5, 19439-19444.	1.7	5
3661	Severe Insulin Resistance Alters Metabolism in Mesenchymal Progenitor Cells. Endocrinology, 2015, 156, 2039-2048.	1.4	15
3662	Autologous, allogeneic, induced pluripotent stem cell or a combination stem cell therapy? Where are we headed in cartilage repair and why: a concise review. Stem Cell Research and Therapy, 2015, 6, 94.	2.4	62
3663	Mesenchymal Stromal Cells Derived From Crohn's Patients Deploy Indoleamine 2,3-dioxygenase-mediated Immune Suppression, Independent of Autophagy. Molecular Therapy, 2015, 23, 1248-1261.	3.7	47
3664	Subcutaneous Adipose Tissue-Derived Stem Cells: Advancement and Applications in Regenerative Medicine. , 2015, , 91-112.		2
3665	Effect of human bone marrow mesenchymal stromal cells on cytokine production by peripheral blood naive, memory, and effector T cells. Stem Cell Research and Therapy, 2015, 6, 3.	2.4	48
3666	Characterization of menstrual stem cells: angiogenic effect, migration and hematopoietic stem cell support in comparison with bone marrow mesenchymal stem cells. Stem Cell Research and Therapy, 2015, 6, 32.	2.4	127
3667	On the existence of cardiomesenchymal stem cells. Medical Hypotheses, 2015, 84, 511-515.	0.8	6
3668	Effect of uncontrolled freezing on biological characteristics of human dental pulp stem cells. Cell and Tissue Banking, 2015, 16, 513-522.	0.5	40
3669	Mesenchymal Cell Contributions to the Stem Cell Niche. Cell Stem Cell, 2015, 16, 239-253.	5.2	444
3670	Placenta-based therapies for the treatment of epidermolysis bullosa. Cytotherapy, 2015, 17, 786-795.	0.3	13
3671	Effect of HSA coated iron oxide labeling on human umbilical cord derived mesenchymal stem cells. Nanotechnology, 2015, 26, 125103.	1.3	11
3672	The cellâ€surface proteome of cultured adipose stromal cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 665-674.	1.1	24
3673	Multiparameter Flow Cytometry Applications for Analyzing and Isolating Neural Cell Populations Derived from Human Pluripotent Stem Cells. , 2015, , 187-198.		0
3674	Human Umbilical Cord-Derived Mesenchymal Stem Cells Improve Learning and Memory Function in Hypoxic-Ischemic Brain-Damaged Rats via an IL-8-Mediated Secretion Mechanism Rather than Differentiation Pattern Induction. Cellular Physiology and Biochemistry, 2015, 35, 2383-2401.	1.1	46
3675	The Immunomodulatory and Therapeutic Effects of Mesenchymal Stromal Cells for Acute Lung Injury and Sepsis. Journal of Cellular Physiology, 2015, 230, 2606-2617.	2.0	81

#	ARTICLE	IF	CITATIONS
3676	Stem Cell Transplantation for Pulpal Regeneration: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2015, 21, 451-460.	2.5	34
3677	Stem Cells from Dental Tissue for Regenerative Dentistry and Medicine. , 2015, , 161-169.		1
3678	Hepatocyte Growth Factor Gene-Modified Mesenchymal Stem Cells Augment Sinonasal Wound Healing. <i>Stem Cells and Development</i> , 2015, 24, 1817-1830.	1.1	25
3679	MicroRNA Levels as Prognostic Markers for the Differentiation Potential of Human Mesenchymal Stromal Cell Donors. <i>Stem Cells and Development</i> , 2015, 24, 1946-1955.	1.1	10
3680	Elastin-based biomaterials and mesenchymal stem cells. <i>Biomaterials Science</i> , 2015, 3, 800-809.	2.6	44
3681	Cellular therapy in Tuberculosis. <i>International Journal of Infectious Diseases</i> , 2015, 32, 32-38.	1.5	26
3682	Transplantation of Bone Marrow Mesenchymal Stem Cells Promotes Learning and Memory Functional Recovery and Reduces Hippocampal Damage in Rats With Alcohol-Associated Dementia. <i>Transplantation</i> , 2015, 99, 492-499.	0.5	13
3683	Smoke inhalation injury repaired by a bone marrow-derived mesenchymal stem cell paracrine mechanism. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 565-572.	1.1	17
3684	Novel clinical uses for cord blood derived mesenchymal stromal cells. <i>Cytherapy</i> , 2015, 17, 796-802.	0.3	8
3685	Stem Cells for Murine Interstitial Cells of Cajal Suppress Cellular Immunity and Colitis Via Prostaglandin E2 Secretion. <i>Gastroenterology</i> , 2015, 148, 978-990.	0.6	33
3687	Adult mesenchymal stem cells and women's health. <i>Menopause</i> , 2015, 22, 131-135.	0.8	11
3688	Pericytes, mesenchymal stem cells and their contributions to tissue repair. , 2015, 151, 107-120.		137
3689	Therapeutic potential of umbilical cord blood cells for type 1 diabetes mellitus. <i>Journal of Diabetes</i> , 2015, 7, 762-773.	0.8	16
3690	CD90 + Human Dermal Stromal Cells Are Potent Inducers of FoxP3 + Regulatory T Cells. <i>Journal of Investigative Dermatology</i> , 2015, 135, 130-141.	0.3	10
3691	Stem cells for respiratory failure. <i>Current Opinion in Critical Care</i> , 2015, 21, 42-49.	1.6	8
3692	Mesenchymal stromal cells to control donor-specific memory T cells in solid organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 79-85.	0.8	23
3693	Engineering mesenchymal stem cells for regenerative medicine and drug delivery. <i>Methods</i> , 2015, 84, 3-16.	1.9	182
3694	Mesenchymal Stem Cells in the Treatment of Type 1 Diabetes Mellitus. <i>Endocrine Pathology</i> , 2015, 26, 95-103.	5.2	43

#	ARTICLE	IF	CITATIONS
3695	Mesenchymal stromal cell implantation for stimulation of long bone healing aggravates Staphylococcus aureus induced osteomyelitis. <i>Acta Biomaterialia</i> , 2015, 21, 165-177.	4.1	34
3696	Protective Effects of Human iPS-Derived Retinal Pigmented Epithelial Cells in Comparison with Human Mesenchymal Stromal Cells and Human Neural Stem Cells on the Degenerating Retina in mice. <i>Stem Cells</i> , 2015, 33, 1543-1553.	1.4	59
3697	Stromal Cells in Chronic Inflammation and Tertiary Lymphoid Organ Formation. <i>Annual Review of Immunology</i> , 2015, 33, 715-745.	9.5	205
3698	Wnt5a/Ror2 Mediates Temporomandibular Joint Subchondral Bone Remodeling. <i>Journal of Dental Research</i> , 2015, 94, 803-812.	2.5	39
3699	Experimental stem cell therapies on burn wound: Do source, dose, timing and method matter?. <i>Burns</i> , 2015, 41, 1133-1139.	1.1	20
3700	Use of Mesenchymal Stem Cells for Therapy of Cardiac Disease. <i>Circulation Research</i> , 2015, 116, 1413-1430.	2.0	356
3701	Umbilical Cord Blood-Derived Mononuclear Cells Exhibit Pericyte-Like Phenotype and Support Network Formation of Endothelial Progenitor Cells In Vitro. <i>Annals of Biomedical Engineering</i> , 2015, 43, 2552-2568.	1.3	16
3702	The Stiffness and Structure of Three-Dimensional Printed Hydrogels Direct the Differentiation of Mesenchymal Stromal Cells Toward Adipogenic and Osteogenic Lineages. <i>Tissue Engineering - Part A</i> , 2015, 21, 740-756.	1.6	181
3703	Recombinant Human Plasminogen Activator Inhibitor-1 Promotes Cementogenic Differentiation of Human Periodontal Ligament Stem Cells. <i>Tissue Engineering - Part A</i> , 2015, 21, 2817-2828.	1.6	23
3704	Mesenchymal stromal cells derived from acute myeloid leukemia bone marrow exhibit aberrant cytogenetics and cytokine elaboration. <i>Blood Cancer Journal</i> , 2015, 5, e302-e302.	2.8	71
3705	Controversial Role of Toll-like Receptor 4 in Adult Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 621-634.	5.6	40
3706	In vitro differentiation of porcine aortic vascular precursor cells to endothelial and vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C320-C331.	2.1	18
3707	Differential properties of human stromal cells from bone marrow, adipose, liver and cardiac tissues. <i>Cytotherapy</i> , 2015, 17, 1514-1523.	0.3	15
3708	Oleate Abrogates Palmitate-Induced Lipotoxicity and Proinflammatory Response in Human Bone Marrow-Derived Mesenchymal Stem Cells and Osteoblastic Cells. <i>Endocrinology</i> , 2015, 156, 4081-4093.	1.4	57
3709	Stem Cell Therapy for Cartilage Defects. <i>Translational Medicine Research</i> , 2015, , 415-434.	0.0	1
3710	Conditioned medium from normoxia (WJMSCs-norCM) and hypoxia-treated WJMSCs (WJMSCs-hypoCM) in inhibiting cancer cell proliferation. <i>Biomarkers and Genomic Medicine</i> , 2015, 7, 8-17.	0.2	22
3711	Stem cell-derived exosomes: roles in stromal remodeling, tumor progression, and cancer immunotherapy. <i>Chinese Journal of Cancer</i> , 2015, 34, 541-53.	4.9	87
3713	Feline mesenchymal stem cells and supernatant inhibit reactive oxygen species production in cultured feline neutrophils. <i>Research in Veterinary Science</i> , 2015, 103, 60-69.	0.9	36

#	ARTICLE	IF	CITATIONS
3714	Safety and efficacy of allogeneic adipose tissue-derived mesenchymal stem cells for treatment of dogs with inflammatory bowel disease: Endoscopic and histological outcomes. <i>Veterinary Journal</i> , 2015, 206, 391-397.	0.6	40
3715	Mesenchymal stem cells for the management of inflammation in osteoarthritis: state of the art and perspectives. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 2027-2035.	0.6	152
3716	Cartilage repair techniques in the knee: stem cell therapies. <i>Current Reviews in Musculoskeletal Medicine</i> , 2015, 8, 457-466.	1.3	11
3717	Stem Cells in Endometrial Physiology. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 326-332.	0.5	40
3718	Iron Sucrose-Labeled Human Mesenchymal Stem Cells: In Vitro Multilineage Capability and In Vivo Traceability in a Lapine Xenotransplantation Model. <i>Stem Cells and Development</i> , 2015, 24, 2403-2412.	1.1	7
3719	Human platelet lysate enhances the proliferation of Wharton's jelly-derived mesenchymal stem cells. <i>Biomarkers and Genomic Medicine</i> , 2015, 7, 87-97.	0.2	21
3720	Ex vivo identification and characterization of a population of CD13 ^{high} CD105 ⁺ CD45 ^{low} mesenchymal stem cells in human bone marrow. <i>Stem Cell Research and Therapy</i> , 2015, 6, 169.	2.4	21
3721	Sequential differentiation of human bone marrow stromal cells for bone regeneration. <i>Tissue Engineering and Regenerative Medicine</i> , 2015, 12, 331-342.	1.6	1
3722	The Use of Mesenchymal Stem Cells for Treating Neurodegenerative Diseases. <i>Stem Cells and Cancer Stem Cells</i> , 2015, , 3-20.	0.1	2
3723	Modulatory effects of mesenchymal stem cells on leucocytes and leukemic cells: A double-edged sword?. <i>Blood Cells, Molecules, and Diseases</i> , 2015, 55, 351-357.	0.6	8
3724	Isolation and purification of rabbit mesenchymal stem cells using an optimized protocol. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 1102-1108.	0.7	7
3725	Exploiting a new glycerol-based copolymer as a route to wound healing: Synthesis, characterization and biocompatibility assessment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 600-611.	2.5	6
3726	Safety and efficacy of allogeneic adipose tissue-derived mesenchymal stem cells for treatment of dogs with inflammatory bowel disease: Clinical and laboratory outcomes. <i>Veterinary Journal</i> , 2015, 206, 385-390.	0.6	61
3727	The use of human adipose-derived stem cells based cytotoxicity assay for acute toxicity test. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 992-998.	1.3	32
3728	Characterisation of insulin-producing cells differentiated from tonsil derived mesenchymal stem cells. <i>Differentiation</i> , 2015, 90, 27-39.	1.0	33
3729	Mesenchymal stem cell treatment for hemophilia: a review of current knowledge. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, S161-S166.	1.9	16
3730	Immunosuppressive mechanisms of human bone marrow derived mesenchymal stromal cells in BALB/c host graft versus host disease murine models. <i>Experimental Hematology and Oncology</i> , 2015, 4, 13.	2.0	14
3731	The Concept of Mesenchymal Stem Cell System: Bring More Insights into Functional Research of MSCs. <i>Translational Medicine Research</i> , 2015, , 179-187.	0.0	0

#	ARTICLE	IF	CITATIONS
3732	Osteogenic differentiation of mesenchymal stem cells from dental bud: Role of integrins and cadherins. <i>Stem Cell Research</i> , 2015, 15, 618-628.	0.3	70
3733	Increased yield of endothelial cells from peripheral blood for cell therapies and tissue engineering. <i>Regenerative Medicine</i> , 2015, 10, 447-460.	0.8	10
3734	Differentiation of Mesenchymal Stem Cells into Retinal Progenitor Cells. <i>Ophthalmic Research</i> , 2015, 53, 28-29.	1.0	1
3735	Clopidogrel Enhances Mesenchymal Stem Cell Proliferation Following Periodontitis. <i>Journal of Dental Research</i> , 2015, 94, 1691-1697.	2.5	8
3736	Bone regeneration using mesenchymal stem cells: challenges and future perspectives in regenerative surgery. <i>Regenerative Medicine</i> , 2015, 10, 543-547.	0.8	3
3737	Haploidentical hematopoietic stem cell transplant with umbilical cord-derived multipotent mesenchymal cell infusion for the treatment of high-risk acute leukemia in children. <i>Leukemia and Lymphoma</i> , 2015, 56, 1346-1352.	0.6	10
3738	Stem Cell Approaches to Intervertebral Disc Regeneration: Obstacles from the Disc Microenvironment. <i>Stem Cells and Development</i> , 2015, 24, 2479-2495.	1.1	57
3739	Characterization of mesenchymal progenitor cells in crown and root pulp from human mesiodentes. <i>Oral Diseases</i> , 2015, 21, e86-97.	1.5	9
3740	The role of SDF-1 in homing of human adipose-derived stem cells. <i>Wound Repair and Regeneration</i> , 2015, 23, 82-89.	1.5	40
3741	Effects of human amnion-derived mesenchymal stromal cell transplantation in rats with radiation proctitis. <i>Cytotherapy</i> , 2015, 17, 1545-1559.	0.3	24
3742	No Synergistic Effect of Cotransplantation of MSC and Ex Vivo TPO-Expanded CD34+Cord Blood Cells on Platelet Recovery and Bone Marrow Engraftment in NOD SCID Mice. <i>Stem Cells and Development</i> , 2015, 24, 1448-1456.	1.1	2
3743	Bone remodeling in the context of cellular and systemic regulation: the role of osteocytes and the nervous system. <i>Journal of Molecular Endocrinology</i> , 2015, 55, R23-R36.	1.1	56
3744	Chondrogenic Differentiation of Human Mesenchymal Stem Cells Results in Substantial Changes of Ecto-Nucleotides Metabolism. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2915-2923.	1.2	11
3745	Pullulan: a new cytoadhesive for cell-mediated cartilage repair. <i>Stem Cell Research and Therapy</i> , 2015, 6, 34.	2.4	38
3746	Mesenchymal Stem Cells Isolated From Human Gliomas Increase Proliferation and Maintain Stemness of Glioma Stem Cells Through the IL-6/gp130/STAT3 Pathway. <i>Stem Cells</i> , 2015, 33, 2400-2415.	1.4	163
3747	Regenerative Medicine Approaches for Treatment of Osteoarthritis. , 2015, , 235-255.		0
3748	Ultrastructural study of cultured ovine bone marrow-derived mesenchymal stromal cells. <i>Annals of Anatomy</i> , 2015, 201, 43-49.	1.0	14
3749	TGF- β 3 and IGF-1 synergy ameliorates nucleus pulposus mesenchymal stem cell differentiation towards the nucleus pulposus cell type through MAPK/ERK signaling. <i>Growth Factors</i> , 2015, 33, 326-336.	0.5	49

#	ARTICLE	IF	CITATIONS
3750	Role of stem cells in spondyloarthritis: Pathogenesis, treatment and complications. <i>Human Immunology</i> , 2015, 76, 781-788.	1.2	7
3751	Indications of that migration of stem cells is influenced by the extra cellular matrix architecture in the mammalian intervertebral disk region. <i>Tissue and Cell</i> , 2015, 47, 439-455.	1.0	9
3752	Perspective: autologous skeletal muscle cells for the treatment of fecal incontinence. <i>Techniques in Coloproctology</i> , 2015, 19, 667-668.	0.8	2
3753	Enhancement of the immunoregulatory potency of mesenchymal stromal cells by treatment with immunosuppressive drugs. <i>Cytotherapy</i> , 2015, 17, 1188-1199.	0.3	27
3754	Skeletal Stem Cell Niche of the Bone Marrow. <i>Pancreatic Islet Biology</i> , 2015, , 245-279.	0.1	1
3755	Effect of culture medium on propagation and phenotype of corneal stroma-derived stem cells. <i>Cytotherapy</i> , 2015, 17, 1706-1722.	0.3	25
3756	In Vitro Evaluation of ProRoot MTA, Biodentine, and MM-MTA on Human Alveolar Bone Marrow Stem Cells in Terms of Biocompatibility and Mineralization. <i>Journal of Endodontics</i> , 2015, 41, 1646-1652.	1.4	52
3757	Direct Comparison of Wharton's Jelly and Bone Marrow-Derived Mesenchymal Stromal Cells to Enhance Engraftment of Cord Blood CD34+Transplants. <i>Stem Cells and Development</i> , 2015, 24, 2649-2659.	1.1	22
3758	Translational aspects of cardiac cell therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1757-1772.	1.6	24
3759	Three-dimensional spheroid cell culture of umbilical cord tissue-derived mesenchymal stromal cells leads to enhanced paracrine induction of wound healing. <i>Stem Cell Research and Therapy</i> , 2015, 6, 90.	2.4	141
3760	An <i>In Vitro</i> Comparison of the Incorporation, Growth, and Chondrogenic Potential of Human Bone Marrow versus Adipose Tissue Mesenchymal Stem Cells in Clinically Relevant Cell Scaffolds Used for Cartilage Repair. <i>Cartilage</i> , 2015, 6, 252-263.	1.4	37
3761	Dental Pulp Stem Cell Niche. <i>Pancreatic Islet Biology</i> , 2015, , 163-189.	0.1	3
3762	The Use of Autologous Mesenchymal Stem Cells for Cell Therapy of Patients with Amyotrophic Lateral Sclerosis in Belarus. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 159, 576-581.	0.3	39
3763	Strategies to improve the immunosuppressive properties of human mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 179.	2.4	40
3764	Cryopreserved Subcutaneous Adipose Tissue for Fat Graft. <i>Aesthetic Plastic Surgery</i> , 2015, 39, 800-817.	0.5	16
3765	CD34 defines an osteoprogenitor cell population in mouse bone marrow stromal cells. <i>Stem Cell Research</i> , 2015, 15, 449-458.	0.3	28
3766	Thyroid hormones and tetrac: new regulators of tumour stroma formation via integrin $\alpha 3$. <i>Endocrine-Related Cancer</i> , 2015, 22, 941-952.	1.6	41
3767	The Role of D4Z4-Encoded Proteins in the Osteogenic Differentiation of Mesenchymal Stromal Cells Isolated from Bone Marrow. <i>Stem Cells and Development</i> , 2015, 24, 2674-2686.	1.1	10

#	ARTICLE	IF	CITATIONS
3768	Cells and stimuli in small-caliber blood vessel tissue engineering. <i>Regenerative Medicine</i> , 2015, 10, 505-527.	0.8	29
3769	Immunomodulatory properties of stem cells and bioactive molecules for tissue engineering. <i>Journal of Controlled Release</i> , 2015, 219, 107-118.	4.8	39
3770	The molecular signature of AML mesenchymal stromal cells reveals candidate genes related to the leukemogenic process. <i>Cancer Letters</i> , 2015, 369, 134-143.	3.2	18
3771	Storage effect on viability and biofunctionality of human adipose tissue-derived stromal cells. <i>Cytotherapy</i> , 2015, 17, 1220-1229.	0.3	3
3772	Research using Mesenchymal Stem/Stromal Cells: quality metric towards developing a reference material. <i>Cytotherapy</i> , 2015, 17, 1169-1177.	0.3	34
3773	Stem Properties of Amniotic Membrane-Derived Cells. , 2015, , 57-76.		0
3774	Translating stem cell research to the clinic: a primer on translational considerations for your first stem cell protocol. <i>Stem Cell Research and Therapy</i> , 2015, 6, 146.	2.4	14
3775	Mechano-growth factor enhances differentiation of bone marrow-derived mesenchymal stem cells. <i>Biotechnology Letters</i> , 2015, 37, 2341-2348.	1.1	11
3776	MRI tracking of bone marrow mesenchymal stem cells labeled with ultra-small superparamagnetic iron oxide nanoparticles in a rat model of temporal lobe epilepsy. <i>Neuroscience Letters</i> , 2015, 606, 30-35.	1.0	23
3777	Chick embryo xenograft model reveals a novel perineural niche for human adipose-derived stromal cells. <i>Biology Open</i> , 2015, 4, 1180-1193.	0.6	8
3778	Cryopreservation of Human Mesenchymal Stem Cells for Clinical Applications: Current Methods and Challenges. <i>Biopreservation and Biobanking</i> , 2015, 13, 231-239.	0.5	60
3779	Engineered composite fascia for stem cell therapy in tissue repair applications. <i>Acta Biomaterialia</i> , 2015, 26, 1-12.	4.1	23
3780	Bone marrow stromal cell transplantation through tail vein injection promotes angiogenesis and vascular endothelial growth factor expression in cerebral infarct area in rats. <i>Cytotherapy</i> , 2015, 17, 1200-1212.	0.3	34
3781	Pulmonary Vascular Remodeling by Resident Lung Stem and Progenitor Cells. <i>Pancreatic Islet Biology</i> , 2015, , 221-240.	0.1	1
3782	The Role of Stem Cells in Vascular Remodeling in CTEPH. <i>Pancreatic Islet Biology</i> , 2015, , 277-287.	0.1	0
3783	Allogeneic Precursor Cells for Systolic Heart Failure. <i>Circulation Research</i> , 2015, 117, 494-497.	2.0	3
3784	Umbilical Cord Tissue Offers the Greatest Number of Harvestable Mesenchymal Stem Cells for Research and Clinical Application: A Literature Review of Different Harvest Sites. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 1836-1843.	1.3	77
3785	Confocal Raman microscopy to monitor extracellular matrix during dental pulp stem cells differentiation. <i>Journal of Biomedical Optics</i> , 2015, 20, 076013.	1.4	7

#	ARTICLE	IF	CITATIONS
3786	Human bone marrow- and adipose-mesenchymal stem cells secrete exosomes enriched in distinctive miRNA and tRNA species. <i>Stem Cell Research and Therapy</i> , 2015, 6, 127.	2.4	599
3787	Fusion of Mesenchymal Stem Cells and Islet Cells for Cell Therapy. <i>Methods in Molecular Biology</i> , 2015, 1313, 107-113.	0.4	6
3788	InÂvitro and inÂvivo biocompatibility, bioavailability and tolerance of an injectable vehicle for adipose-derived stem/stromal cells for plastic surgery indications. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 1491-1497.	0.5	12
3789	Effect of low-level laser irradiation on proliferation and viability of human dental pulp stem cells. <i>Lasers in Medical Science</i> , 2015, 30, 2259-2264.	1.0	55
3790	Aging of Human Mesenchymal Stem Cells. , 2015, , 227-244.		1
3791	Preventing T cell rejection of pig xenografts. <i>International Journal of Surgery</i> , 2015, 23, 285-290.	1.1	16
3792	CD45+ Cells Present Within Mesenchymal Stem Cell Populations Affect Network Formation of Blood-Derived Endothelial Outgrowth Cells. <i>BioResearch Open Access</i> , 2015, 4, 75-88.	2.6	11
3793	VEGF therapeutic gene delivery using dendrimer type bio-reducible polymer into human mesenchymal stem cells (hMSCs). <i>Journal of Controlled Release</i> , 2015, 220, 222-228.	4.8	24
3794	Our Fat Future: Translating Adipose Stem Cell Therapy. <i>Stem Cells Translational Medicine</i> , 2015, 4, 974-979.	1.6	41
3795	Influence of photoactivated tetra sulphonatophenyl porphyrin and TiO ₂ nanowhiskers on rheumatoid arthritis infected bone marrow stem cell proliferation in vitro and oxidative stress biomarkers in vivo. <i>RSC Advances</i> , 2015, 5, 107285-107292.	1.7	12
3796	What's New in Orthopaedic Research. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1972-1978.	1.4	5
3797	Myocardial infarction: stem cell transplantation for cardiac regeneration. <i>Regenerative Medicine</i> , 2015, 10, 1025-1043.	0.8	38
3798	Comparison of the characteristics and multipotential and in vivo cartilage formation capabilities between porcine adipose-derived stem cells and porcine skin-derived stem cell-like cells. <i>American Journal of Veterinary Research</i> , 2015, 76, 814-821.	0.3	4
3799	Concise Review: Human Dermis as an Autologous Source of Stem Cells for Tissue Engineering and Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1187-1198.	1.6	33
3800	Rat malignant fibrous histiocytoma (MFH)-derived cloned cell lines (MT-8 and MT-9) show different differentiation in mesenchymal stem cell lineage. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 499-507.	2.1	4
3801	Combined platelet and plasma derivatives enhance proliferation of stem/progenitor cells maintaining their differentiation potential. <i>Cytotherapy</i> , 2015, 17, 1793-1806.	0.3	39
3802	The effect of fibroblast growth factor on distinct differentiation potential of cord blood-derived unrestricted somatic stem cells and Wharton's jelly-derived mesenchymal stem/stromal cells. <i>Cytotherapy</i> , 2015, 17, 1723-1731.	0.3	9
3803	Immunomodulatory properties of stem mesenchymal cells in autoimmune diseases. <i>Medicina Clínica (English Edition)</i> , 2015, 144, 88-91.	0.1	4

#	ARTICLE	IF	CITATIONS
3804	BMSCs transplantation improves cognitive impairment via up-regulation of hippocampal GABAergic system in a rat model of chronic cerebral hypoperfusion. <i>Neuroscience</i> , 2015, 311, 464-473.	1.1	23
3805	Long-Term Expansion, Enhanced Chondrogenic Potential, and Suppression of Endochondral Ossification of Adult Human MSCs via WNT Signaling Modulation. <i>Stem Cell Reports</i> , 2015, 4, 459-472.	2.3	122
3806	Multiparameter Analysis of Human Bone Marrow Stromal Cells Identifies Distinct Immunomodulatory and Differentiation-Competent Subtypes. <i>Stem Cell Reports</i> , 2015, 4, 1004-1015.	2.3	111
3807	Bronchopulmonary Dysplasia and Chronic Lung Disease. <i>Clinics in Perinatology</i> , 2015, 42, 889-910.	0.8	16
3808	Colorectal tissue engineering: A comparative study between porcine small intestinal submucosa (SIS) and chitosan hydrogel patches. <i>Surgery</i> , 2015, 158, 1714-1723.	1.0	21
3810	Decelerating Mature Adipocyte Dedifferentiation by Media Composition. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 1237-1245.	1.1	17
3811	Differentiation capacity and maintenance of differentiated phenotypes of human mesenchymal stromal cells cultured on two distinct types of 3D polymeric scaffolds. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 1574-1586.	0.6	6
3812	Endometrial stem/progenitor cells: the first 10 years. <i>Human Reproduction Update</i> , 2016, 22, dmV051.	5.2	364
3813	First-in-Human Case Study: Pregnancy in Women With Crohn's Perianal Fistula Treated With Adipose-Derived Stem Cells: A Safety Study. <i>Stem Cells Translational Medicine</i> , 2015, 4, 598-602.	1.6	31
3814	A Comparative Study of the Therapeutic Potential of Mesenchymal Stem Cells and Limbal Epithelial Stem Cells for Ocular Surface Reconstruction. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1052-1063.	1.6	100
3815	A comparison of Wharton's jelly and cord blood as a source of mesenchymal stem cells for diabetes cell therapy. <i>Regenerative Medicine</i> , 2015, 10, 841-855.	0.8	18
3816	Enhanced adipogenic differentiation of bovine bone marrow-derived mesenchymal stem cells. <i>Journal of Applied Animal Research</i> , 2015, 43, 15-21.	0.4	14
3817	Molecular Physiognomies and Applications of Adipose-Derived Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 298-308.	5.6	35
3818	Cell selective chitosan microparticles as injectable cell carriers for tissue regeneration. <i>Biomaterials</i> , 2015, 43, 23-31.	5.7	67
3819	Gene Expression Profile Analysis of Human Mesenchymal Stem Cells from Herniated and Degenerated Intervertebral Discs Reveals Different Expression of Osteopontin. <i>Stem Cells and Development</i> , 2015, 24, 320-328.	1.1	13
3820	The Role of Chemokines in Mesenchymal Stem Cell Homing to Wounds. <i>Advances in Wound Care</i> , 2015, 4, 623-630.	2.6	128
3821	Enrichment in c-Kit improved differentiation potential of amniotic membrane progenitor/stem cells. <i>Placenta</i> , 2015, 36, 18-26.	0.7	24
3822	Implications for human adipose-derived stem cells in plastic surgery. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 21-30.	1.6	77

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3823	Identification of Stable Reference Genes for Gene Expression Analysis of Three-Dimensional Cultivated Human Bone Marrow-Derived Mesenchymal Stromal Cells for Bone Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 192-206.	1.1	32
3824	Intravital Imaging of Mesenchymal Stem Cell Trafficking and Association With Platelets and Neutrophils. <i>Stem Cells</i> , 2015, 33, 265-277.	1.4	63
3825	Stem Cell-Based Approaches to Improve Nerve Regeneration: Potential Implications for Reconstructive Transplantation?. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 15-30.	1.0	18
3826	Dissection of the Cord Blood Stromal Component Reveals Predictive Parameters for Culture Outcome. <i>Stem Cells and Development</i> , 2015, 24, 104-114.	1.1	22
3827	Localized Delivery of Brain-Derived Neurotrophic Factor-Expressing Mesenchymal Stem Cells Enhances Functional Recovery following Cervical Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 185-193.	1.7	72
3828	Mesenchymal stem cells from the oral cavity and their potential value in tissue engineering. <i>Periodontology 2000</i> , 2015, 67, 251-267.	6.3	59
3829	The past, present and future in scaffold-based tendon treatments. <i>Advanced Drug Delivery Reviews</i> , 2015, 84, 257-277.	6.6	171
3830	Establishing a Quality Control System for Stem Cell-Based Medicinal Products in China. <i>Tissue Engineering - Part A</i> , 2015, 21, 2783-2790.	1.6	12
3831	The proliferation and tenogenic differentiation potential of bone marrow-derived mesenchymal stromal cell are influenced by specific uniaxial cyclic tensile loading conditions. <i>Biomechanics and Modeling in Mechanobiology</i> , 2015, 14, 649-663.	1.4	36
3832	Efecto del Ácido hialurónico sobre células madre mesenquimales derivadas de tejido adiposo. Evaluación biológica in vitro. <i>Revista Española De Cirugía Ortopédica Y Traumatología</i> , 2015, 59, 215-221.	0.1	11
3833	Effect of 17 β -estradiol on mediators involved in mesenchymal stromal cell trafficking in cell therapy of diabetes. <i>Cytotherapy</i> , 2015, 17, 46-57.	0.3	23
3834	Ex Vivo Expanded Mesenchymal Stromal Cell Minimal Quality Requirements for Clinical Application. <i>Stem Cells and Development</i> , 2015, 24, 677-685.	1.1	79
3835	Immunosuppressive capabilities of mesenchymal stromal cells are maintained under hypoxic growth conditions and after gamma irradiation. <i>Cytotherapy</i> , 2015, 17, 152-162.	0.3	28
3836	Adhesion and growth of human bone marrow mesenchymal stem cells on precise-geometry 3D organic-inorganic composite scaffolds for bone repair. <i>Materials Science and Engineering C</i> , 2015, 48, 301-309.	3.8	45
3837	Mesenchymal stromal cells loading curcumin-INVITE-micelles: A drug delivery system for neurodegenerative diseases. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 125, 300-308.	2.5	61
3838	Biological Differences Between Native and Cultured Mesenchymal Stem Cells: Implications for Therapies. <i>Methods in Molecular Biology</i> , 2015, 1235, 105-120.	0.4	21
3839	Characterization of bone marrow-derived mesenchymal stem cells in aging. <i>Bone</i> , 2015, 70, 37-47.	1.4	227
3840	Concise Reviews: Characteristics and Potential Applications of Human Dental Tissue-Derived Mesenchymal Stem Cells. <i>Stem Cells</i> , 2015, 33, 627-638.	1.4	265

#	ARTICLE	IF	CITATIONS
3841	Interleukin-1 beta enhances human multipotent mesenchymal stromal cell proliferative potential and their ability to maintain hematopoietic precursor cells. <i>Cytokine</i> , 2015, 71, 246-254.	1.4	22
3842	A Thermoresponsive and Magnetic Colloid for 3D Cell Expansion and Reconfiguration. <i>Advanced Materials</i> , 2015, 27, 662-668.	11.1	16
3843	Human Mesenchymal Stromal Cells Attenuate Graft-Versus-Host Disease and Maintain Graft-Versus-Leukemia Activity Following Experimental Allogeneic Bone Marrow Transplantation. <i>Stem Cells</i> , 2015, 33, 601-614.	1.4	76
3845	A reproducible immunopotency assay to measure mesenchymal stromal cell-mediated T-cell suppression. <i>Cytotherapy</i> , 2015, 17, 140-151.	0.3	83
3846	Passage-dependent relationship between mesenchymal stem cell mobilization and chondrogenic potential. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 319-327.	0.6	27
3847	Comparison of Mesenchymal Stem Cells Isolated From Pulp and Periodontal Ligament. <i>Journal of Periodontology</i> , 2015, 86, 283-291.	1.7	50
3848	Concise Review: Mesoangioblast and Mesenchymal Stem Cell Therapy for Muscular Dystrophy: Progress, Challenges, and Future Directions. <i>Stem Cells Translational Medicine</i> , 2015, 4, 91-98.	1.6	27
3849	FGF, TGF β and Wnt crosstalk: embryonic to <i>in vitro</i> cartilage development from mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 332-342.	1.3	55
3850	<i>Ex vivo</i> expansion of cord blood haematopoietic stem/progenitor cells under physiological oxygen tensions: clear-cut effects on cell proliferation, differentiation and metabolism. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 1172-1181.	1.3	21
3851	Isolation, expansion and characterisation of mesenchymal stem cells from human bone marrow, adipose tissue, umbilical cord blood and matrix: a comparative study. <i>Cytotechnology</i> , 2015, 67, 793-807.	0.7	161
3852	Unique molecular signatures influencing the biological function and fate of post-natal stem cells isolated from different sources. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, E252-E266.	1.3	31
3853	Cell therapy for cystic fibrosis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 210-223.	1.3	6
3854	Mesenchymal stem cells for chronic wounds therapy. <i>Cell and Tissue Banking</i> , 2015, 16, 19-26.	0.5	52
3856	Mesenchymal Autologous Stem Cells. <i>World Neurosurgery</i> , 2015, 83, 236-250.	0.7	1
3857	The Potential of Mesenchymal Stem Cell in Prion Research. <i>Zoonoses and Public Health</i> , 2015, 62, 165-178.	0.9	13
3858	Effect of High-Dose Irradiation on Human Bone-Marrow-Derived Mesenchymal Stromal Cells. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 112-122.	1.1	38
3859	Isolation and Assessment of Mesenchymal Stem Cells Derived From Bone Marrow: Histologic and Histomorphometric Study in a Canine Periodontal Defect. <i>Journal of Oral Implantology</i> , 2015, 41, 284-291.	0.4	19
3860	Bone marrow-derived mesenchymal stem cells for the treatment of heart failure. <i>Heart Failure Reviews</i> , 2015, 20, 53-68.	1.7	49

#	ARTICLE	IF	CITATIONS
3861	The impact of tumor stroma on drug response in breast cancer. <i>Seminars in Cancer Biology</i> , 2015, 31, 3-15.	4.3	82
3862	Standardization of Good Manufacturing Practiceâ€“compliant production of bone marrowâ€“derived human mesenchymal stromal cells for immunotherapeutic applications. <i>Cytotherapy</i> , 2015, 17, 128-139.	0.3	118
3863	Improved Explant Method to Isolate Umbilical Cord-Derived Mesenchymal Stem Cells and Their Immunosuppressive Properties. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 367-372.	1.1	52
3864	Graphene supports <i>in vitro</i> proliferation and osteogenic differentiation of goat adult mesenchymal stem cells: potential for bone tissue engineering. <i>Journal of Applied Toxicology</i> , 2015, 35, 367-374.	1.4	122
3865	State of the art: Stem cells in equine regenerative medicine. <i>Equine Veterinary Journal</i> , 2015, 47, 145-154.	0.9	31
3866	Tissue Engineering Craniofacial Bone Products. , 2015, , 521-539.		1
3867	Hyaluronidase-Loaded PLGA Microparticles as a New Strategy for the Treatment of Pulmonary Fibrosis. <i>Tissue Engineering - Part A</i> , 2015, 21, 246-256.	1.6	11
3868	Neurogenic Maturation of Human Dental Pulp Stem Cells Following Neurosphere Generation Induces Morphological and Electrophysiological Characteristics of Functional Neurons. <i>Stem Cells and Development</i> , 2015, 24, 296-311.	1.1	112
3869	Uncovering the periosteum for skeletal regeneration: The stem cell that lies beneath. <i>Bone</i> , 2015, 70, 10-18.	1.4	207
3870	Strategies to improve homing of mesenchymal stem cells for greater efficacy in stem cell therapy. <i>Cell Biology International</i> , 2015, 39, 23-34.	1.4	100
3871	Cell sheet engineering and its application for periodontal regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 343-356.	1.3	126
3872	Paracrine Factors Secreted by Umbilical Cord-Derived Mesenchymal Stem Cells Induce Angiogenesis In Vitro by a VEGF-Independent Pathway. <i>Stem Cells and Development</i> , 2015, 24, 437-450.	1.1	79
3873	GDNF and NT-3 Induce Progenitor Bone Mesenchymal Stem Cell Differentiation into Neurons in Fetal Gut Culture Medium. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 255-264.	1.7	18
3874	Effects of low level laser therapy on attachment, proliferation, and gene expression of VEGF and VEGF receptor 2 of adipocyte-derived mesenchymal stem cells cultivated under nutritional deficiency. <i>Lasers in Medical Science</i> , 2015, 30, 217-223.	1.0	34
3875	Hypoxia/Reoxygenation-Preconditioned Human Bone Marrow-Derived Mesenchymal Stromal Cells Rescue Ischemic Rat Cortical Neurons by Enhancing Trophic Factor Release. <i>Molecular Neurobiology</i> , 2015, 52, 792-803.	1.9	34
3876	Defined serum- and xeno-free cryopreservation of mesenchymal stem cells. <i>Cell and Tissue Banking</i> , 2015, 16, 181-193.	0.5	35
3877	DNA topoisomerase II β as a molecular switch in neural differentiation of mesenchymal stem cells. <i>Annals of Hematology</i> , 2015, 94, 307-318.	0.8	17
3878	A comparison of the <i>in vitro</i> mineralisation and dentinogenic potential of mesenchymal stem cells derived from adipose tissue, bone marrow and dental pulp. <i>Journal of Bone and Mineral Metabolism</i> , 2015, 33, 371-382.	1.3	99

#	ARTICLE	IF	CITATIONS
3879	Mesenchymal Stromal Cells Engineered to Produce IGF-I by Recombinant Adenovirus Ameliorate Liver Fibrosis in Mice. <i>Stem Cells and Development</i> , 2015, 24, 791-801.	1.1	63
3880	Placental Mesenchymal Stromal Cells Derived from Blood Vessels or Avascular Tissues: What Is the Better Choice to Support Endothelial Cell Function?. <i>Stem Cells and Development</i> , 2015, 24, 115-131.	1.1	40
3881	Alternative protocols to induce chondrogenic differentiation: transforming growth factor- β^2 superfamily. <i>Cell and Tissue Banking</i> , 2015, 16, 195-207.	0.5	25
3882	Tissue-Engineered Cartilage: The Crossroads of Biomaterials, Cells and Stimulating Factors. <i>Macromolecular Bioscience</i> , 2015, 15, 153-182.	2.1	81
3883	Heterogeneous Functions of Perinatal Mesenchymal Stromal Cells Require a Preselection Before Their Banking for Clinical Use. <i>Stem Cells and Development</i> , 2015, 24, 329-344.	1.1	31
3884	Bone Regeneration With Osteogenically Enhanced Mesenchymal Stem Cells and Their Extracellular Matrix Proteins. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 83-94.	3.1	43
3885	Renal Vein Levels of MicroRNA-26a Are Lower in the Poststenotic Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1378-1388.	3.0	25
3886	The expression of pluripotency genes and neuronal markers after neurodifferentiation in fibroblasts co-cultured with human umbilical cord blood mononuclear cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 26-35.	0.7	10
3887	Cell-based therapies for cardiac disease: a cellular therapist's perspective. <i>Transfusion</i> , 2015, 55, 441-451.	0.8	31
3888	Temporal Studies into Attachment, VE-Cadherin Perturbation, and Paracellular Migration of Human Umbilical Mesenchymal Stem Cells Across Umbilical Vein Endothelial Monolayers. <i>Stem Cells and Development</i> , 2015, 24, 426-436.	1.1	11
3889	Surface modification on polycaprolactone electrospun mesh and human decalcified bone scaffold with synovium-derived mesenchymal stem cells-affinity peptide for tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 318-329.	2.1	25
3890	ABCG2 Is a Selectable Marker for Enhanced Multilineage Differentiation Potential in Periodontal Ligament Stem Cells. <i>Stem Cells and Development</i> , 2015, 24, 244-252.	1.1	8
3891	The rational use of animal models in the evaluation of novel bone regenerative therapies. <i>Bone</i> , 2015, 70, 73-86.	1.4	111
3892	Periodontal ligament-derived cells for periodontal regeneration in animal models: a systematic review. <i>Journal of Periodontal Research</i> , 2015, 50, 160-172.	1.4	108
3893	Stem Cell Therapy: Challenges Ahead. <i>Indian Journal of Pediatrics</i> , 2015, 82, 286-291.	0.3	18
3894	The Use of Adipose Mesenchymal Stem Cells and Human Umbilical Vascular Endothelial Cells on a Fibrin Matrix for Endothelialized Skin Substitute. <i>Tissue Engineering - Part A</i> , 2015, 21, 214-223.	1.6	28
3895	Cobalt chloride supplementation induces stem-cell marker expression and inhibits osteoblastic differentiation in human periodontal ligament cells. <i>Archives of Oral Biology</i> , 2015, 60, 29-36.	0.8	45
3896	Isolation and characterization of human mesenchymal stem cells from gingival connective tissue. <i>Journal of Periodontal Research</i> , 2015, 50, 461-467.	1.4	107

#	ARTICLE	IF	CITATIONS
3897	Stem cells and bone: A historical perspective. <i>Bone</i> , 2015, 70, 2-9.	1.4	41
3898	Isolation and characterization of SSEA-4-positive subpopulation of human deciduous dental pulp cells. <i>Clinical Oral Investigations</i> , 2015, 19, 363-371.	1.4	7
3899	Xeno-free chondrogenesis of bone marrow mesenchymal stromal cells: towards clinical-grade chondrocyte production. <i>Cytotechnology</i> , 2015, 67, 905-919.	0.7	5
3900	Local delivery of allogeneic bone marrow and adipose tissue-derived mesenchymal stromal cells for cutaneous wound healing in a porcine model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, E90-E100.	1.3	39
3901	Large-scale expansion of pre-isolated bone marrow mesenchymal stromal cells in serum-free conditions. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 108-119.	1.3	36
3902	Matrix-directed differentiation of human adipose-derived mesenchymal stem cells to dermal-like fibroblasts that produce extracellular matrix. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, E546-E558.	1.3	28
3903	Stem Cell Therapies for Cervical Spinal Cord Injury. , 2016, , .		2
3904	Pluripotent Stem Cells: Differentiation Potential and Therapeutic Efficacy for Cartilage Repair. , 2016, , .		1
3905	Microvesicles as Mediators of Tissue Regeneration. , 2016, , 215-224.		1
3906	A Strategy of Bone Regeneration for the Treatment of Idiopathic Femoral Head Necrosis. , 2016, , .		0
3907	Complementary and Alternative Medicine Therapies for Inflammatory Bowel Disease. , 2016, , 103-108.		0
3908	Induced pluripotent stem cells in cartilage repair. <i>World Journal of Orthopedics</i> , 2016, 7, 149.	0.8	37
3909	Biphasic Polyurethane/Poly lactide Sponges Doped with Nano-Hydroxyapatite (nHAp) Combined with Human Adipose-Derived Mesenchymal Stromal Stem Cells for Regenerative Medicine Applications. <i>Polymers</i> , 2016, 8, 339.	2.0	20
3910	Increasing injection frequency enhances the survival of injected bone marrow derived mesenchymal stem cells in a critical limb ischemia animal model. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 657.	0.6	17
3911	Human Mesenchymal Stem Cell Therapy for Acute Graft Versus Host Disease. <i>Translational Medicine (Sunnyvale, Calif)</i> , 2016, 6, .	0.4	2
3912	Metabolomic and Proteomic Analysis of the Mesenchymal Stem Cells's Secretome. , 0, , .		7
3913	The basic science of bone marrow aspirate concentrate in chondral injuries. <i>Orthopedic Reviews</i> , 2016, 8, 6659.	0.3	56
3914	Mesenchymal Stem Cells in the Treatment of Amyotrophic Lateral Sclerosis. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 41-50.	0.6	21

#	ARTICLE	IF	CITATIONS
3915	Immunomodulatory Function of Mesenchymal Stem Cells for Rheumatoid Arthritis. Journal of Rheumatic Diseases, 2016, 23, 279.	0.4	0
3916	Rat dental pulp stem cells: isolation and phenotypic characterization method aiming bone tissue bioengineering. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	6
3917	Nature or Nurture. , 2016, , 227-240.		0
3918	Mesenchymal Stem Cells: Biological Characteristics and Potential Clinical Applications for Haematopoietic Stem Cell Transplantation. , 2016, , .		3
3919	Mesenchymal Stem Cells and Regenerative Medicine. , 2016, , 275-280.		1
3920	Rabbit olfactory stem cells. Isolation protocol and characterization. Acta Cirurgica Brasileira, 2016, 31, 59-66.	0.3	13
3921	Effects of Intermittent Administration of Parathyroid Hormone (1-34) on Bone Differentiation in Stromal Precursor Antigen-1 Positive Human Periodontal Ligament Stem Cells. Stem Cells International, 2016, 2016, 1-9.	1.2	11
3922	Differentiation and Molecular Properties of Mesenchymal Stem Cells Derived from Murine Induced Pluripotent Stem Cells Derived on Gelatin or Collagen. Stem Cells International, 2016, 2016, 1-10.	1.2	10
3923	Labeling of mesenchymal stem cells for MRI with single-cell sensitivity. International Journal of Nanomedicine, 2016, 11, 1517.	3.3	26
3924	The Immunologic Properties of Bone Morphogenic Protein Receptor IB Positive Subpopulation before and after Osteogenic Differentiation in Mouse Dermis. PLoS ONE, 2016, 11, e0161785.	1.1	0
3925	A Simple, Rapid, and Efficient Method for Isolating Mesenchymal Stem Cells from the Entire Umbilical Cord. Cell Transplantation, 2016, 25, 1287-1297.	1.2	18
3926	Research Advancements in Porcine Derived Mesenchymal Stem Cells. Current Stem Cell Research and Therapy, 2016, 11, 78-93.	0.6	26
3927	Medium modification with bone morphogenetic protein 2 addition for odontogenic differentiation. Brazilian Oral Research, 2016, 30, .	0.6	10
3928	Human adipose-derived stem cells differentiation into epidermal cells and interaction with human keratinocytes in coculture. Turkish Journal of Biology, 2016, 40, 1111-1120.	2.1	6
3929	Endometrial mesenchymal stem cells as a cell based therapy for pelvic organ prolapse. World Journal of Stem Cells, 2016, 8, 202.	1.3	39
3931	Human carcinoma-associated mesenchymal stem cells promote ovarian cancer chemotherapy resistance via a BMP4/HH signaling loop. Oncotarget, 2016, 7, 6916-6932.	0.8	104
3932	Cell-based technologies for Huntington's disease. Dementia E Neuropsychologia, 2016, 10, 287-295.	0.3	7
3933	The Role of the Immune System in Fracture Healing. , 2016, , 297-310.		2

#	ARTICLE	IF	CITATIONS
3934	Therapeutic Potential of Bone Marrow-Derived Mesenchymal Stem Cells on Experimental Liver Injury Induced by <i>Schistosoma mansoni</i> : A Histological Study. <i>International Journal of Stem Cells</i> , 2016, 9, 96-106.	0.8	15
3935	Effect of Placental Extract on Omentum Mesenchymal Stem Cells Differentiation in NMRI Mice. <i>Journal of Molecular Biology Research</i> , 2016, 7, 176.	0.1	0
3936	Nanopatterned acellular valve conduits drive the commitment of blood-derived multipotent cells. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5041-5055.	3.3	7
3937	Controversial results of therapy with mesenchymal stem cells in the acute phase of canine distemper disease. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	8
3938	Foreign Body Reaction and Stem Cell Responses. , 2016, , 49-69.		0
3939	Mending the Heart Through In Situ Cardiac Regeneration. , 2016, , 313-344.		0
3940	Isolation of dental pulp stem cells from a single donor and characterization of their ability to differentiate after 2 years of cryopreservation. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2016, 37, 551-560.	0.5	21
3941	Mesenchymal Stem Cells As A Therapeutic Option For Patients With ALS. <i>General Medicine (Los Angeles)</i> Tj ETQq1 _{0.2} 1 _{0.2} 0.784314 rgBT	1.1	14
3942	Mesenchymal Stem Cell-Derived Exosomes: New Opportunity in Cell-Free Therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 293-299.	0.6	114
3943	Cell-Based Therapies for the Treatment of Aphasia. , 2016, , 1085-1091.		0
3944	E1A-engineered human umbilical cord mesenchymal stem cells as carriers and amplifiers for adenovirus suppress hepatocarcinoma in mice. <i>Oncotarget</i> , 2016, 7, 51815-51828.	0.8	11
3945	Living cell products as wound healing biomaterials. , 2016, , 201-225.		2
3946	Third-party Wharton's jelly mesenchymal stem cells for treatment of steroid-resistant acute and chronic graft-versus-host disease: a report of 10 cases. <i>Turkish Journal of Biology</i> , 2016, 40, 493-500.	2.1	3
3947	TLR expression profile of human gingival margin-derived stem progenitor cells. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2016, 21, e30-e38.	0.7	34
3948	Isolation, expansion and differentiation of mesenchymal stromal cells from rabbits' bone marrow. <i>Pesquisa Veterinaria Brasileira</i> , 2016, 36, 423-430.	0.5	7
3950	Investigation of the Cell Surface Proteome of Human Periodontal Ligament Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	17
3951	A Simplified Method for the Aspiration of Bone Marrow from Patients Undergoing Hip and Knee Joint Replacement for Isolating Mesenchymal Stem Cells and <i>In Vitro</i> Chondrogenesis. <i>Bone Marrow Research</i> , 2016, 2016, 1-18.	1.7	21
3952	Genetic Comparison of Stemness of Human Umbilical Cord and Dental Pulp. <i>Stem Cells International</i> , 2016, 2016, 1-12.	1.2	24

#	ARTICLE	IF	CITATIONS
3953	Hematopoietic Stem and Progenitor Cell Expansion in Contact with Mesenchymal Stromal Cells in a Hanging Drop Model Uncovers Disadvantages of 3D Culture. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	27
3954	Tissue-Related Hypoxia Attenuates Proinflammatory Effects of Allogeneic PBMCs on Adipose-Derived Stromal Cells <i>In Vitro</i> . <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	18
3955	Therapeutic Potential of HGF-Expressing Human Umbilical Cord Mesenchymal Stem Cells in Mice with Acute Liver Failure. <i>International Journal of Hepatology</i> , 2016, 2016, 1-13.	0.4	28
3956	Human Mesenchymal Stromal Cells from Different Sources Diverge in Their Expression of Cell Surface Proteins and Display Distinct Differentiation Patterns. <i>Stem Cells International</i> , 2016, 2016, 1-9.	1.2	134
3957	Adipose-Derived Cells (Stromal Vascular Fraction) Transplanted for Orthopedical or Neurological Purposes: Are They Safe Enough?. <i>Stem Cells International</i> , 2016, 2016, 1-5.	1.2	16
3958	Mesenchymal Stem Cells after Polytrauma: Actor and Target. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	15
3959	Umbilical Cord as Prospective Source for Mesenchymal Stem Cell-Based Therapy. <i>Stem Cells International</i> , 2016, 2016, 1-17.	1.2	169
3960	Chondrogenic Potency Analyses of Donor-Matched Chondrocytes and Mesenchymal Stem Cells Derived from Bone Marrow, Infrapatellar Fat Pad, and Subcutaneous Fat. <i>Stem Cells International</i> , 2016, 2016, 1-11.	1.2	44
3961	Mesenchymal Stem Cells and Myeloid Derived Suppressor Cells: Common Traits in Immune Regulation. <i>Journal of Immunology Research</i> , 2016, 2016, 1-17.	0.9	23
3962	Real-Time Analysis of Endogenous Wnt Signalling in 3D Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2016, 2016, 1-9.	1.2	6
3963	Gingival Mesenchymal Stem/Progenitor Cells: A Unique Tissue Engineering Gem. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	143
3964	Restoration of a Critical Mandibular Bone Defect Using Human Alveolar Bone-Derived Stem Cells and Porous Nano-HA/Collagen/PLA Scaffold. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	47
3965	Potential Osteoinductive Effects of Calcitriol on the m-RNA of Mesenchymal Stem Cells Derived from Human Alveolar Periosteum. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	6
3966	Manufacturing of Human Umbilical Cord Mesenchymal Stromal Cells on Microcarriers in a Dynamic System for Clinical Use. <i>Stem Cells International</i> , 2016, 2016, 1-12.	1.2	44
3967	Phenotypic and Functional Characterization of Mesenchymal Stem/Multipotent Stromal Cells from <i>Decidua Basalis</i> of Human Term Placenta. <i>Stem Cells International</i> , 2016, 2016, 1-18.	1.2	50
3968	Label-Free Imaging of Umbilical Cord Tissue Morphology and Explant-Derived Cells. <i>Stem Cells International</i> , 2016, 2016, 1-15.	1.2	2
3969	Labeling Adipose-Derived Stem Cells with Hoechst 33342: Usability and Effects on Differentiation Potential and DNA Damage. <i>Stem Cells International</i> , 2016, 2016, 1-9.	1.2	6
3970	Mesenchymal Stromal Cells from Osteoarthritic Synovium Are a Distinct Population Compared to Their Bone-Marrow Counterparts regarding Surface Marker Distribution and Immunomodulation of Allogeneic CD4+ T-Cell Cultures. <i>Stem Cells International</i> , 2016, 2016, 1-17.	1.2	8

#	ARTICLE	IF	CITATIONS
3971	Standardizing Umbilical Cord Mesenchymal Stromal Cells for Translation to Clinical Use: Selection of GMP-Compliant Medium and a Simplified Isolation Method. Stem Cells International, 2016, 2016, 1-14.	1.2	46
3972	Neuromuscular Regeneration: Perspective on the Application of Mesenchymal Stem Cells and Their Secretion Products. Stem Cells International, 2016, 2016, 1-16.	1.2	48
3973	Vascular Wall-Resident Multipotent Stem Cells of Mesenchymal Nature within the Process of Vascular Remodeling: Cellular Basis, Clinical Relevance, and Implications for Stem Cell Therapy. Stem Cells International, 2016, 2016, 1-10.	1.2	33
3974	The Modulatory Effects of Mesenchymal Stem Cells on Osteoclastogenesis. Stem Cells International, 2016, 2016, 1-13.	1.2	35
3975	Bone Formation by Sheep Stem Cells in an Ectopic Mouse Model: Comparison of Adipose and Bone Marrow Derived Cells and Identification of Donor-Derived Bone by Antibody Staining. Stem Cells International, 2016, 2016, 1-10.	1.2	15
3976	<i>In Vivo</i> Tracking of Systemically Administered Allogeneic Bone Marrow Mesenchymal Stem Cells in Normal Rats through Bioluminescence Imaging. Stem Cells International, 2016, 2016, 1-11.	1.2	21
3977	Adipose Derived-Mesenchymal Stem Cells Viability and Differentiating Features for Orthopaedic Reparative Applications: Banking of Adipose Tissue. Stem Cells International, 2016, 2016, 1-11.	1.2	33
3978	Bone Marrow-Derived Cells as a Therapeutic Approach to Optic Nerve Diseases. Stem Cells International, 2016, 2016, 1-16.	1.2	32
3979	Human Bone Marrow Stromal Cells: A Reliable, Challenging Tool for <i>In Vitro</i> Osteogenesis and Bone Tissue Engineering Approaches. Stem Cells International, 2016, 2016, 1-14.	1.2	19
3980	Stem Cells for Bone Regeneration: From Cell-Based Therapies to Decellularised Engineered Extracellular Matrices. Stem Cells International, 2016, 2016, 1-15.	1.2	30
3981	Comparison of the Biological Characteristics of Mesenchymal Stem Cells Derived from Bone Marrow and Skin. Stem Cells International, 2016, 2016, 1-12.	1.2	19
3982	Stem Cells of Dental Origin: Current Research Trends and Key Milestones towards Clinical Application. Stem Cells International, 2016, 2016, 1-20.	1.2	65
3983	Mesenchymal Stem Cells Regulate the Innate and Adaptive Immune Responses Dampening Arthritis Progression. Stem Cells International, 2016, 2016, 1-10.	1.2	32
3984	<i>In Vitro</i> Characterization of Human Mesenchymal Stem Cells Isolated from Different Tissues with a Potential to Promote Complex Bone Regeneration. Stem Cells International, 2016, 2016, 1-9.	1.2	34
3985	Mesenchymal Stromal Cells and Tissue-Specific Progenitor Cells: Their Role in Tissue Homeostasis. Stem Cells International, 2016, 2016, 1-11.	1.2	131
3986	Mesenchymal Stem Cells as a Prospective Therapy for the Diabetic Foot. Stem Cells International, 2016, 2016, 1-18.	1.2	30
3987	Mesenchymal Stem Cell-Based Therapy for Kidney Disease: A Review of Clinical Evidence. Stem Cells International, 2016, 2016, 1-22.	1.2	148
3988	Towards Therapeutic Delivery of Extracellular Vesicles: Strategies for <i>In Vivo</i> Tracking and Biodistribution Analysis. Stem Cells International, 2016, 2016, 1-12.	1.2	109

#	ARTICLE	IF	CITATIONS
3989	The Immunomodulatory Effects of Mesenchymal Stem Cells in Prevention or Treatment of Excessive Scars. <i>Stem Cells International</i> , 2016, 2016, 1-8.	1.2	37
3990	Stem Cells Applications in Regenerative Medicine and Disease Therapeutics. <i>International Journal of Cell Biology</i> , 2016, 2016, 1-24.	1.0	394
3991	Highly Efficient <i>In Vitro</i> Reparative Behaviour of Dental Pulp Stem Cells Cultured with Standardised Platelet Lysate Supplementation. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	64
3992	Acute Hypoxic Stress Affects Migration Machinery of Tissue O ₂ -Adapted Adipose Stromal Cells. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	12
3993	Control of Cross Talk between Angiogenesis and Inflammation by Mesenchymal Stem Cells for the Treatment of Ocular Surface Diseases. <i>Stem Cells International</i> , 2016, 2016, 1-8.	1.2	12
3994	Phenotypic and Cytogenetic Characterization of Mesenchymal Stromal Cells in <i>De Novo</i> Myelodysplastic Syndromes. <i>Analytical Cellular Pathology</i> , 2016, 2016, 1-11.	0.7	7
3995	Medication-Related Osteonecrosis of the Jaw: New Insights into Molecular Mechanisms and Cellular Therapeutic Approaches. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	46
3996	Clinical Observation of Employment of Umbilical Cord Derived Mesenchymal Stem Cell for Juvenile Idiopathic Arthritis Therapy. <i>Stem Cells International</i> , 2016, 2016, 1-7.	1.2	17
3997	Current Advance and Future Prospects of Tissue Engineering Approach to Dentin/Pulp Regenerative Therapy. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	100
3998	Regenerative Applications Using Tooth Derived Stem Cells in Other Than Tooth Regeneration: A Literature Review. <i>Stem Cells International</i> , 2016, 2016, 1-12.	1.2	49
3999	Mesenchymal Stem Cells as Therapeutic Candidates for Halting the Progression of Diabetic Nephropathy. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	28
4000	Evaluating mesenchymal stem cell therapy for sepsis with preclinical meta-analyses prior to initiating a first-in-human trial. <i>ELife</i> , 2016, 5, .	2.8	73
4001	Extracellular Vesicles: Evolving Factors in Stem Cell Biology. <i>Stem Cells International</i> , 2016, 2016, 1-17.	1.2	179
4002	Mesenchymal Stem Cells Subpopulations: Application for Orthopedic Regenerative Medicine. <i>Stem Cells International</i> , 2016, 2016, 1-9.	1.2	31
4003	Endometrial Mesenchymal Stem Cells Isolated from Menstrual Blood by Adherence. <i>Stem Cells International</i> , 2016, 2016, 1-8.	1.2	53
4004	Multipotent Mesenchymal Stem Cell Treatment for Discogenic Low Back Pain and Disc Degeneration. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	44
4005	Mesenchymal Stromal Cells as Cell-Based Therapeutics for Wound Healing. <i>Stem Cells International</i> , 2016, 2016, 1-6.	1.2	28
4006	Equine Metabolic Syndrome Affects Viability, Senescence, and Stress Factors of Equine Adipose-Derived Mesenchymal Stromal Stem Cells: New Insight into EqASCs Isolated from EMS Horses in the Context of Their Aging. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-17.	1.9	70

#	ARTICLE	IF	CITATIONS
4007	Aggressiveness Niche: Can It Be the Foster Ground for Cancer Metastasis Precursors?. Stem Cells International, 2016, 2016, 1-7.	1.2	14
4008	Wharton's Jelly-Derived Mesenchymal Stromal Cells and Fibroblast-Derived Extracellular Matrix Synergistically Activate Apoptosis in a p21-Dependent Mechanism in WHCO1 and MDA MB 231 Cancer Cells In Vitro. Stem Cells International, 2016, 2016, 1-17.	1.2	26
4009	Comparison of Stemness and Gene Expression between Gingiva and Dental Follicles in Children. Stem Cells International, 2016, 2016, 1-11.	1.2	4
4010	Growth Hormone-Releasing Hormone and Its Analogues: Significance for MSCs-Mediated Angiogenesis. Stem Cells International, 2016, 2016, 1-12.	1.2	16
4011	Effects of Human Umbilical Cord Mesenchymal Stem Cells on Human Trophoblast Cell Functions In Vitro. Stem Cells International, 2016, 2016, 1-12.	1.2	16
4012	The Effects of High Glucose on Adipogenic and Osteogenic Differentiation of Gestational Tissue-Derived MSCs. Stem Cells International, 2016, 2016, 1-15.	1.2	27
4013	Longitudinal Cell Tracking and Simultaneous Monitoring of Tissue Regeneration after Cell Treatment of Natural Tendon Disease by Low-Field Magnetic Resonance Imaging. Stem Cells International, 2016, 2016, 1-13.	1.2	19
4014	The Comparison of the Immunologic Properties of Stem Cells Isolated from Human Exfoliated Deciduous Teeth, Dental Pulp, and Dental Follicles. Stem Cells International, 2016, 2016, 1-15.	1.2	57
4015	Tumor Mesenchymal Stem-Like Cell as a Prognostic Marker in Primary Glioblastoma. Stem Cells International, 2016, 2016, 1-7.	1.2	20
4016	Comprehensive Screening of Cell Surface Markers Expressed by Adult-Derived Human Liver Stem/Progenitor Cells Harvested at Passage 5: Potential Implications for Engraftment. Stem Cells International, 2016, 2016, 1-12.	1.2	14
4017	Whole-Genome Expression Analysis and Signal Pathway Screening of Synovium-Derived Mesenchymal Stromal Cells in Rheumatoid Arthritis. Stem Cells International, 2016, 2016, 1-13.	1.2	6
4018	Evaluation of Tissue Homogenization to Support the Generation of GMP-Compliant Mesenchymal Stromal Cells from the Umbilical Cord. Stem Cells International, 2016, 2016, 1-9.	1.2	8
4019	Improved Protective Effect of Umbilical Cord Stem Cell Transplantation on Cisplatin-Induced Kidney Injury in Mice Pretreated with Antithymocyte Globulin. Stem Cells International, 2016, 2016, 1-12.	1.2	8
4020	Regenerative Therapy of Type 1 Diabetes Mellitus: From Pancreatic Islet Transplantation to Mesenchymal Stem Cells. Stem Cells International, 2016, 2016, 1-22.	1.2	23
4021	Feasibility and Efficiency of Human Bone Marrow Stromal Cell Culture with Allogeneic Platelet Lysate-Supplementation for Cell Therapy against Stroke. Stem Cells International, 2016, 2016, 1-11.	1.2	15
4022	How to Improve the Survival of Transplanted Mesenchymal Stem Cell in Ischemic Heart?. Stem Cells International, 2016, 2016, 1-14.	1.2	158
4023	Multiple Functions of MSCA-1/TNAP in Adult Mesenchymal Progenitor/Stromal Cells. Stem Cells International, 2016, 2016, 1-8.	1.2	17
4024	Review of Preclinical and Clinical Studies of Bone Marrow-Derived Cell Therapies for Intracerebral Hemorrhage. Stem Cells International, 2016, 2016, 1-18.	1.2	14

#	ARTICLE	IF	CITATIONS
4025	Human Umbilical Cord Mesenchymal Stem Cells Therapy in Cyclophosphamide-Induced Premature Ovarian Failure Rat Model. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	118
4026	The Fate and Distribution of Autologous Bone Marrow Mesenchymal Stem Cells with Intra-Arterial Infusion in Osteonecrosis of the Femoral Head in Dogs. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	21
4027	A novel 3D mesenchymal stem cell model of the multiple myeloma bone marrow niche: biologic and clinical applications. <i>Oncotarget</i> , 2016, 7, 77326-77341.	0.8	45
4028	The Neurovascular Properties of Dental Stem Cells and Their Importance in Dental Tissue Engineering. <i>Stem Cells International</i> , 2016, 2016, 1-17.	1.2	40
4029	Improving the osteogenesis of human bone marrow mesenchymal stem cell sheets by microRNA-21-loaded chitosan/hyaluronic acid nanoparticles via reverse transfection. <i>International Journal of Nanomedicine</i> , 2016, 11, 2091.	3.3	33
4030	Mesenchymal Stem Cells Increase Neo-Angiogenesis and Albumin Production in a Liver Tissue-Engineered Engraftment. <i>International Journal of Molecular Sciences</i> , 2016, 17, 374.	1.8	10
4031	Epigenetic regulation of specific transcription factors in osteogenic differentiation of mesenchymal stem cells. <i>Turkish Journal of Biology</i> , 2016, 40, 1040-1049.	2.1	1
4032	The healing effect of bone marrow-derived stem cells in acute radiation syndrome. <i>Pakistan Journal of Medical Sciences</i> , 2016, 32, 646-51.	0.3	12
4033	Cellular Therapy for Wounds: Applications of Mesenchymal Stem Cells in Wound Healing. , 0, , .		8
4034	Transplantation of human umbilical cord blood-derived mononuclear cells induces recovery of motor dysfunction in a rat model of Parkinson's disease. <i>Journal of Neurorestoratology</i> , 2016, , 23.	1.1	2
4035	Regeneration of Corneal Epithelium With Dental Pulp Stem Cells Using a Contact Lens Delivery System. , 2016, 57, 5192.		33
4036	Mesenchymal stromal cells in myeloid malignancies. <i>Blood Research</i> , 2016, 51, 225.	0.5	24
4037	Cross-Talk Between Mesenchymal Stem/Stromal Cells and Dendritic Cells. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 51-65.	0.6	25
4038	Effects of Oxidative Stress on Mesenchymal Stem Cell Biology. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	227
4039	Does Cryopreservation Affect the Biological Properties of Stem Cells from Dental Tissues? A Systematic Review. <i>Brazilian Dental Journal</i> , 2016, 27, 633-640.	0.5	19
4040	Glycan Profiling Shows Unvaried N-Glycomes in MSC Clones with Distinct Differentiation Potentials. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 52.	1.8	12
4041	Making the Switch: Alternatives to Fetal Bovine Serum for Adipose-Derived Stromal Cell Expansion. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 115.	1.8	58
4042	Nitric Oxide Modulates Postnatal Bone Marrow-Derived Mesenchymal Stem Cell Migration. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 133.	1.8	7

#	ARTICLE	IF	CITATIONS
4043	Mesenchymal Stromal Cells Can Regulate the Immune Response in the Tumor Microenvironment. <i>Vaccines</i> , 2016, 4, 41.	2.1	44
4044	Adipose, Bone Marrow and Synovial Joint-Derived Mesenchymal Stem Cells for Cartilage Repair. <i>Frontiers in Genetics</i> , 2016, 7, 213.	1.1	118
4045	Utility of a Mouse Model of Osteoarthritis to Demonstrate Cartilage Protection by IFN γ -Primed Equine Mesenchymal Stem Cells. <i>Frontiers in Immunology</i> , 2016, 7, 392.	2.2	30
4046	Recent Developments in Cellular Immunotherapy for HSCT-Associated Complications. <i>Frontiers in Immunology</i> , 2016, 7, 500.	2.2	44
4047	Inflamm-Aging of Hematopoiesis, Hematopoietic Stem Cells, and the Bone Marrow Microenvironment. <i>Frontiers in Immunology</i> , 2016, 7, 502.	2.2	272
4048	Mitochondrial Functional Changes Characterization in Young and Senescent Human Adipose Derived MSCs. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 299.	1.7	41
4049	Inhibition of the Autophagy Pathway Synergistically Potentiates the Cytotoxic Activity of Givinostat (ITF2357) on Human Glioblastoma Cancer Stem Cells. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 107.	1.4	37
4050	From Here to There, Progenitor Cells and Stem Cells Are Everywhere in Lung Vascular Remodeling. <i>Frontiers in Pediatrics</i> , 2016, 4, 80.	0.9	8
4051	Transplantation of Autologous Bone Marrow Mesenchymal Stem Cells into the Testes of Infertile Male Rats and New Germ Cell Formation. <i>International Journal of Stem Cells</i> , 2016, 9, 250-263.	0.8	33
4052	Regenerative Perspective in Modern Dentistry. <i>Dentistry Journal</i> , 2016, 4, 10.	0.9	1
4053	Lung Regeneration: Endogenous and Exogenous Stem Cell Mediated Therapeutic Approaches. <i>International Journal of Molecular Sciences</i> , 2016, 17, 128.	1.8	65
4054	Induced Pluripotent Stem Cell Therapies for Cervical Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2016, 17, 530.	1.8	36
4055	Mesenchymal Stem and Progenitor Cells in Normal and Dysplastic Hematopoiesis—Masters of Survival and Clonality?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1009.	1.8	39
4056	Identification of Pathways in Liver Repair Potentially Targeted by Secretory Proteins from Human Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1099.	1.8	24
4057	Senescence in Human Mesenchymal Stem Cells: Functional Changes and Implications in Stem Cell-Based Therapy. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1164.	1.8	372
4058	Behavior of Human Bone Marrow-Derived Mesenchymal Stem Cells on Various Titanium-Based Coatings. <i>Materials</i> , 2016, 9, 827.	1.3	5
4059	The Complexity of Targeting PI3K-Akt-mTOR Signalling in Human Acute Myeloid Leukaemia: The Importance of Leukemic Cell Heterogeneity, Neighbouring Mesenchymal Stem Cells and Immunocompetent Cells. <i>Molecules</i> , 2016, 21, 1512.	1.7	36
4060	Potential Biomedical Application of Enzymatically Treated Alginate/Chitosan Hydrosols in Sponges—Biocompatible Scaffolds Inducing Chondrogenic Differentiation of Human Adipose Derived Multipotent Stromal Cells. <i>Polymers</i> , 2016, 8, 320.	2.0	15

#	ARTICLE	IF	CITATIONS
4061	Isolation of endothelial progenitor cells from human adipose tissue. <i>Biomedical Research and Therapy</i> , 2016, 3, .	0.3	2
4062	Umbilical cord-derived stem cells (Modulast TM) show strong immunomodulation capacity compared to adipose tissue-derived or bone marrow-derived mesenchymal stem cells. <i>Biomedical Research and Therapy</i> , 2016, 3, .	0.3	9
4063	Adipose derived stem cell transplantation is better than bone marrow mesenchymal stem cell transplantation in treating hindlimb ischemia in mice. <i>Biomedical Research and Therapy</i> , 2016, 3, .	0.3	5
4064	Stem cell drugs: the next generation of pharmaceutical products. <i>Biomedical Research and Therapy</i> , 2016, 3, .	0.3	3
4065	Human mesenchymal stromal/stem cells acquire immunostimulatory capacity upon cross-talk with natural killer cells and might improve the NK cell function of immunocompromised patients. <i>Stem Cell Research and Therapy</i> , 2016, 7, 88.	2.4	57
4066	Therapeutic effects of human gingiva-derived mesenchymal stromal cells on murine contact hypersensitivity via prostaglandin E ₂ –EP ₃ signaling. <i>Stem Cell Research and Therapy</i> , 2016, 7, 103.	2.4	28
4067	Expression of neural cell adhesion molecule and polysialic acid in human bone marrow-derived mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 113.	2.4	20
4068	Comparative study of allogenic and xenogeneic mesenchymal stem cells on cisplatin-induced acute kidney injury in Sprague-Dawley rats. <i>Stem Cell Research and Therapy</i> , 2016, 7, 126.	2.4	40
4069	Microvesicles from Mesenchymal Stromal Cells Are Involved in HPC-Microenvironment Crosstalk in Myelodysplastic Patients. <i>PLoS ONE</i> , 2016, 11, e0146722.	1.1	70
4070	Mesenchymal Stromal Cells Prevent Renal Fibrosis in a Rat Model of Unilateral Ureteral Obstruction by Suppressing the Renin-Angiotensin System via HuR. <i>PLoS ONE</i> , 2016, 11, e0148542.	1.1	28
4071	Surface Phosphatidylserine Is Responsible for the Internalization of Microvesicles Derived from Hypoxia-Induced Human Bone Marrow Mesenchymal Stem Cells into Human Endothelial Cells. <i>PLoS ONE</i> , 2016, 11, e0147360.	1.1	71
4072	Intrinsic Deregulation of Vascular Smooth Muscle and Myofibroblast Differentiation in Mesenchymal Stromal Cells from Patients with Systemic Sclerosis. <i>PLoS ONE</i> , 2016, 11, e0153101.	1.1	30
4073	Comparison between Stromal Vascular Fraction and Adipose Mesenchymal Stem Cells in Remodeling Hypertrophic Scars. <i>PLoS ONE</i> , 2016, 11, e0156161.	1.1	55
4074	A Comparative Study of Growth Kinetics, In Vitro Differentiation Potential and Molecular Characterization of Fetal Adnexa Derived Caprine Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0156821.	1.1	39
4075	Soluble CD14 Enhances the Response of Periodontal Ligament Stem Cells to <i>P. gingivalis</i> Lipopolysaccharide. <i>PLoS ONE</i> , 2016, 11, e0160848.	1.1	37
4076	An Evaluation of the Stemness, Paracrine, and Tumorigenic Characteristics of Highly Expanded, Minimally Passaged Adipose-Derived Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0162332.	1.1	19
4077	Probe-Based Confocal Laser Endomicroscopy for Imaging TRAIL-Expressing Mesenchymal Stem Cells to Monitor Colon Xenograft Tumors In Vivo. <i>PLoS ONE</i> , 2016, 11, e0162700.	1.1	4
4078	Overexpression of Glutamate Decarboxylase in Mesenchymal Stem Cells Enhances Their Immunosuppressive Properties and Increases GABA and Nitric Oxide Levels. <i>PLoS ONE</i> , 2016, 11, e0163735.	1.1	9

#	ARTICLE	IF	CITATIONS
4079	Angiogenic Capacity of Periodontal Ligament Stem Cells Pretreated with Deferoxamine and/or Fibroblast Growth Factor-2. PLoS ONE, 2016, 11, e0167807.	1.1	18
4080	Bone Regeneration in Implant Dentistry: Role of Mesenchymal Stem Cells. , 2016, , .		2
4081	Mesenchymal Stem Cell-Derived Extracellular Vesicles Promote Angiogenesis: Potencial Clinical Application. Frontiers in Physiology, 2016, 7, 24.	1.3	176
4082	Cell Expansion-Dependent Inflammatory and Metabolic Profile of Human Bone Marrow Mesenchymal Stem Cells. Frontiers in Physiology, 2016, 7, 548.	1.3	7
4083	Cannabidiol Modulates the Immunophenotype and Inhibits the Activation of the Inflammasome in Human Gingival Mesenchymal Stem Cells. Frontiers in Physiology, 2016, 7, 559.	1.3	59
4084	Bone Marrow Aspirate in the Treatment of Chondral Injuries. Frontiers in Surgery, 2016, 3, 33.	0.6	21
4085	Comparison of Mesenchymal Stem Cell Surface Markers from Bone Marrow Aspirates and Adipose Stromal Vascular Fraction Sites. Frontiers in Veterinary Science, 2015, 2, 82.	0.9	32
4086	A Set of Grand Challenges for Veterinary Regenerative Medicine. Frontiers in Veterinary Science, 2016, 3, 20.	0.9	6
4087	Partial Cranial Cruciate Ligament Tears Treated with Stem Cell and Platelet-Rich Plasma Combination Therapy in 36 Dogs: A Retrospective Study. Frontiers in Veterinary Science, 2016, 3, 112.	0.9	43
4088	Homing and migration of mesenchymal stromal cells: How to improve the efficacy of cell therapy?. World Journal of Stem Cells, 2016, 8, 73.	1.3	372
4089	Dose-dependent Effects of Strontium Ranelate on Ovariectomy Rat Bone Marrow Mesenchymal Stem Cells and Human Umbilical Vein Endothelial Cells. International Journal of Biological Sciences, 2016, 12, 1511-1522.	2.6	59
4090	Identity, proliferation capacity, genomic stability and novel senescence markers of mesenchymal stem cells isolated from low volume of human bone marrow. Oncotarget, 2016, 7, 10788-10802.	0.8	41
4091	Activation, homing, and role of the mesenchymal stem cells in the inflammatory environment. Journal of Inflammation Research, 2016, Volume 9, 231-240.	1.6	149
4092	Stem cells and chronic wound healing: state of the art. Chronic Wound Care Management and Research, 0, , 7.	0.4	6
4093	Therapeutic potential of mesenchymal stem cells in gastrointestinal cancers – current evidence. Gastrointestinal Cancer: Targets and Therapy, 2016, Volume 6, 41-47.	5.5	1
4094	Nanostructured TiO2 Surfaces Promote Human Bone Marrow Mesenchymal Stem Cells Differentiation to Osteoblasts. Nanomaterials, 2016, 6, 124.	1.9	24
4095	In situâ€œformed bioactive hydrogels for delivery of stem cells and biomolecules for wound healing. , 2016, , 289-307.		1
4096	Bioreactor-Based Bone Tissue Engineering. , 0, , .		8

#	ARTICLE	IF	CITATIONS
4097	Genetic Modification of Stem Cells in Diabetes and Obesity. , 2016, , .		5
4098	Autologous and Allogeneic Stem Cell Transplantation for Treatment of Crohn's™s Fistulae. , 0, , .		1
4099	Stem Cell Research and Molecular Markers in Medicine. , 2016, , 327-340.		2
4100	Stem Cells in Multiple Sclerosis. , 2016, , 441-456.		0
4101	Use of Gene Modified Stem Cells for Acute Myocardial Infarction. , 2016, , 417-432.		0
4102	New Biological Avenues for Sjögren's™s Syndrome. , 2016, , 299-317.		0
4103	Advances in stem cell research for the treatment of male sexual dysfunctions. Current Opinion in Urology, 2016, 26, 129-139.	0.9	32
4104	Property of Human Bone Marrow Stromal Cells Derived From Bone Fragments Removed in Sagittal Split Ramus Osteotomy. Journal of Craniofacial Surgery, 2016, 27, 1104-1109.	0.3	3
4105	Brain mesenchymal stem cells: physiology and pathological implications. Development Growth and Differentiation, 2016, 58, 469-480.	0.6	16
4106	Isolation and Characterization of Human Mesenchymal Stem Cells From Facet Joints and Interspinous Ligaments. Spine, 2016, 41, E1-E7.	1.0	13
4107	Vertical Bone Augmentation Using Bone Marrow-Derived Stem Cells. Implant Dentistry, 2016, 25, 54-62.	1.7	11
4108	Epigenetic quality check – how good are your mesenchymal stromal cells?. Epigenomics, 2016, 8, 889-894.	1.0	8
4109	Human Induced Pluripotent Stem Cells Differentiate Into Functional Mesenchymal Stem Cells and Repair Bone Defects. Stem Cells Translational Medicine, 2016, 5, 1447-1460.	1.6	106
4110	Neuroprotective Effect of the LRRK2 Kinase Inhibitor PF-06447475 in Human Nerve-Like Differentiated Cells Exposed to Oxidative Stress Stimuli: Implications for Parkinson's™s Disease. Neurochemical Research, 2016, 41, 2675-2692.	1.6	38
4111	Secretome from resident cardiac stromal cells stimulates proliferation, cardiomyogenesis and angiogenesis of progenitor cells. International Journal of Cardiology, 2016, 221, 396-403.	0.8	15
4112	ZBTB16 as a Downstream Target Gene of Osterix Regulates Osteoblastogenesis of Human Multipotent Mesenchymal Stromal Cells. Journal of Cellular Biochemistry, 2016, 117, 2423-2434.	1.2	27
4113	Mesenchymal Stem Cells are Recruited and Activated into Carcinoma-Associated Fibroblasts by Prostate Cancer Microenvironment-Derived TGF-β1. Stem Cells, 2016, 34, 2536-2547.	1.4	169
4114	Cryopreserved Mesenchymal Stromal Cells Are Susceptible to T-Cell Mediated Apoptosis Which Is Partly Rescued by IFN-γ Licensing. Stem Cells, 2016, 34, 2429-2442.	1.4	131

#	ARTICLE	IF	CITATIONS
4115	Glycoengineering of E-Selectin Ligands by Intracellular versus Extracellular Fucosylation Differentially Affects Osteotropism of Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2016, 34, 2501-2511.	1.4	48
4116	Characterization of mesenchymal stromal cells: potency assay development. <i>Transfusion</i> , 2016, 56, 32S-5S.	0.8	28
4117	Identification of a Hematopoietic Cell Dedifferentiation-Inducing Factor. <i>Journal of Cellular Physiology</i> , 2016, 231, 1350-1363.	2.0	9
4118	Neonatal vascularization and oxygen tension regulate appropriate perinatal renal medulla/papilla maturation. <i>Journal of Pathology</i> , 2016, 238, 665-676.	2.1	7
4119	Mesenchymal Stromal Cells for Treatment of Acute Steroid-Refractory Graft Versus Host Disease: Clinical Responses and Long-Term Outcome. <i>Stem Cells</i> , 2016, 34, 357-366.	1.4	80
4120	Characterization and Comparison of Canine Multipotent Stromal Cells Derived from Liver and Bone Marrow. <i>Stem Cells and Development</i> , 2016, 25, 139-150.	1.1	18
4121	Dental Stem Cells vs. Other Mesenchymal Stem Cells: Their Pluripotency and Role in Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2016, , 109-124.	0.1	5
4122	Unraveling mechanisms of mesenchymal stromal cell-mediated immunomodulation through patient monitoring and product characterization. <i>Annals of the New York Academy of Sciences</i> , 2016, 1370, 15-23.	1.8	28
4123	Evaluation and comparison of the <i>in vitro</i> characteristics and chondrogenic capacity of four adult stem/progenitor cells for cartilage cell-based repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 600-610.	2.1	35
4124	Immunomodulatory Properties of Induced Pluripotent Stem Cell-Derived Mesenchymal Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2844-2853.	1.2	34
4125	Rapid selection of mesenchymal stem and progenitor cells in primary prostate stromal cultures. <i>Prostate</i> , 2016, 76, 552-564.	1.2	21
4126	Matrix directed adipogenesis and neurogenesis of mesenchymal stem cells derived from adipose tissue and bone marrow. <i>Acta Biomaterialia</i> , 2016, 42, 46-55.	4.1	52
4127	Cell-mediated drug delivery by gingival interdental papilla mesenchymal stromal cells (GinPa-MSCs) loaded with paclitaxel. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 789-798.	2.4	39
4128	Immunomodulatory effects of bone marrow versus adipose tissue-derived mesenchymal stromal cells on NK cells: implications in the transplantation setting. <i>European Journal of Haematology</i> , 2016, 97, 528-537.	1.1	38
4129	Novel Function of Serine Protease HTRA1 in Inhibiting Adipogenic Differentiation of Human Mesenchymal Stem Cells via MAP Kinase-Mediated MMP Upregulation. <i>Stem Cells</i> , 2016, 34, 1601-1614.	1.4	21
4130	Layering PLGA-based electrospun membranes and cell sheets for engineering cartilage-bone transition. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, E263-E274.	1.3	24
4131	Cell-based strategies for vascular regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1297-1314.	2.1	19
4132	Overexpression of Hif-1 α in Mesenchymal Stem Cells Affects Cell-Autonomous Angiogenic and Osteogenic Parameters. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 760-768.	1.2	32

#	ARTICLE	IF	CITATIONS
4133	Differential Neuronal Plasticity of Dental Pulp Stem Cells From Exfoliated Deciduous and Permanent Teeth Towards Dopaminergic Neurons. <i>Journal of Cellular Physiology</i> , 2016, 231, 2048-2063.	2.0	42
4134	Mesenchymal stromal cells: potential roles in graft-versus-host disease prophylaxis and treatment. <i>Transfusion</i> , 2016, 56, 9S-14S.	0.8	5
4135	Limited Functional Effects of Subacute Syngeneic Bone Marrow Stromal Cell Transplantation after Rat Spinal Cord Contusion Injury. <i>Cell Transplantation</i> , 2016, 25, 125-139.	1.2	25
4136	Tissue Engineering in Orthopaedics. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1132-1139.	1.4	69
4137	The potential of mesenchymal stromal cells in immunotherapy. <i>Immunotherapy</i> , 2016, 8, 839-842.	1.0	16
4138	Human Pluripotent Stem Cells: Advances in Chondrogenic Differentiation and Articular Cartilage Regeneration. <i>Current Molecular Biology Reports</i> , 2016, 2, 113-122.	0.8	13
4139	Gene- and Stem Cell-Based Approaches to Regulate Hypertrophic Differentiation in Articular Cartilage Disorders. <i>Stem Cells and Development</i> , 2016, 25, 1495-1512.	1.1	7
4140	Mesenchymal stem cells: From stem cells to sarcomas. <i>Cell Biology International</i> , 2016, 40, 610-618.	1.4	37
4141	Human annulus progenitor cells: Analyses of this viable endogenous cell population. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1351-1360.	1.2	22
4142	N -Acetyl-L -cysteine enhances ex-vivo amplification of deciduous teeth dental pulp stem cells. <i>Archives of Oral Biology</i> , 2016, 70, 32-38.	0.8	11
4143	Extracellular Matrix of Current Biological Scaffolds Promotes the Differentiation Potential of Mesenchymal Stem Cells. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 2381-2392.e1.	1.3	19
4144	Scaffold-free, stem cell-based cartilage repair. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2016, 7, 157-163.	0.6	34
4145	Impact of Autologous Mesenchymal Stem Cell Infusion on Neuromyelitis Optica Spectrum Disorder: A Pilot, 2-Year Observational Study. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 677-685.	1.9	26
4146	Mesangiogenic Progenitor Cells Derived from One Novel CD64 ^{bright} CD31 ^{bright} CD14 ^{neg} Population in Human Adult Bone Marrow. <i>Stem Cells and Development</i> , 2016, 25, 661-673.	1.1	14
4147	Uniform, fast, high concentration delivery of bone marrow stromal cells and gingival fibroblasts by gas-brushing. <i>Biomedical Physics and Engineering Express</i> , 2016, 2, 035007.	0.6	4
4148	Isolation and morphology of Stem Cells from Deciduous Tooth (SHED) and Human Dental Pulp Stem Cells (hDPSC). <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
4149	Cryopreserved Mesenchymal Stromal Cells Maintain Potency in a Retinal Ischemia/Reperfusion Injury Model: Toward an off-the-shelf Therapy. <i>Scientific Reports</i> , 2016, 6, 26463.	1.6	57
4150	The Role of Stem Cell Therapeutics in Wound Healing. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 31S-41S.	0.7	24

#	ARTICLE	IF	CITATIONS
4151	Exendin-4 enhances the differentiation of Whartonâ€™s jelly mesenchymal stem cells into insulin-producing cells through activation of various β^2 -cell markers. <i>Stem Cell Research and Therapy</i> , 2016, 7, 108.	2.4	29
4152	Tumescent Liposuction without Lidocaine. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016, 4, e829.	0.3	19
4153	Efficacy and safety of regenerative cell therapy for pulmonary arterial hypertension in animal models: a preclinical systematic review protocol. <i>Systematic Reviews</i> , 2016, 5, 89.	2.5	10
4154	Macrophage-mediated inflammatory response decreases mycobacterial survival in mouse MSCs by augmenting NO production. <i>Scientific Reports</i> , 2016, 6, 27326.	1.6	30
4155	Porous composite materials ZrO ₂ (MgO)-MgO for osteoimplantology. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	4
4156	Hypoxia Promotes Osteogenesis of Human Placental-Derived Mesenchymal Stem Cells. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 239, 287-296.	0.5	24
4157	Donor variability among anti-inflammatory pre-activated mesenchymal stromal cells. <i>Technology</i> , 2016, 04, 201-215.	1.4	21
4158	Neural Differentiation of Mesenchymal Stem Cells on Scaffolds for Nerve Tissue Engineering Applications. <i>Cellular Reprogramming</i> , 2016, 18, 369-381.	0.5	10
4189	Functional Dualism of Perinatal Stem Cells. <i>Pancreatic Islet Biology</i> , 2016, , 1-20.	0.1	2
4190	Umbilical Cord Tissue and Whartonâ€™s Jelly Mesenchymal Stem Cells Properties and Therapeutic Potentials. <i>Pancreatic Islet Biology</i> , 2016, , 41-63.	0.1	2
4191	Current Understanding Realities of Umbilical Cord Stem Cells Biology and Future Perspectives in Clinical Application. <i>Pancreatic Islet Biology</i> , 2016, , 107-136.	0.1	0
4192	Stem cell procedures in arthroscopic surgery. <i>European Journal of Medical Research</i> , 2016, 21, 29.	0.9	8
4193	Cell Therapy for Stroke: Review of Previous Clinical Trials and Introduction of Our New Trials. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 592-596.	1.0	6
4194	Influence of aging on the quantity and quality of human cardiac stem cells. <i>Scientific Reports</i> , 2016, 6, 22781.	1.6	24
4195	Culture expansion of adipose derived stromal cells. A closed automated Quantum Cell Expansion System compared with manual flask-based culture. <i>Journal of Translational Medicine</i> , 2016, 14, 319.	1.8	49
4196	Allogeneic Mesenchymal Stem Cell Transplantation in Dogs with Keratoconjunctivitis Sicca. <i>Cell Medicine</i> , 2016, 8, 63-77.	5.0	47
4197	Platelet lysate as a substitute for animal serum for the ex-vivo expansion of mesenchymal stem/stromal cells: present and future. <i>Stem Cell Research and Therapy</i> , 2016, 7, 93.	2.4	143
4198	Mesenchymal stromal cells derived from cervical cancer produce high amounts of adenosine to suppress cytotoxic T lymphocyte functions. <i>Journal of Translational Medicine</i> , 2016, 14, 302.	1.8	58

#	ARTICLE	IF	CITATIONS
4199	Derivation and differentiation of bone marrow mesenchymal stem cells from osteoarthritis patients. <i>Tissue Engineering and Regenerative Medicine</i> , 2016, 13, 732-739.	1.6	7
4200	Preservation of osteoblasts and BM-MSCs biological properties after consecutive passages with the thermal-liftoff method. <i>RSC Advances</i> , 2016, 6, 91567-91578.	1.7	4
4201	Mesenchymal Stem Cells: An Optimistic Cell Source in Tissue Engineering for Bone Regeneration. <i>Stem Cells in Clinical Applications</i> , 2016, , 205-243.	0.4	1
4202	Stem Cell Therapy for the Treatment of Cartilage Defects and Osteoarthritis. <i>Stem Cells in Clinical Applications</i> , 2016, , 11-45.	0.4	1
4203	Mesenchymal Stem Cells: Are They the Magic Bullet for Skeletal Tissue Regeneration?. <i>Stem Cells in Clinical Applications</i> , 2016, , 107-118.	0.4	0
4204	Mesenchymal Stem Cell Therapy in Rheumatoid Arthritis. <i>Stem Cells in Clinical Applications</i> , 2016, , 149-176.	0.4	0
4205	Osteoporosis: the current status of mesenchymal stem cell-based therapy. <i>Cellular and Molecular Biology Letters</i> , 2016, 21, 12.	2.7	87
4206	Use of FGF-2 and FGF-18 to direct bone marrow stromal stem cells to chondrogenic and osteogenic lineages. <i>Future Science OA</i> , 2016, 2, FSO142.	0.9	34
4207	Therapeutic angiogenesis induced by human umbilical cord tissue-derived mesenchymal stromal cells in a murine model of hindlimb ischemia. <i>Stem Cell Research and Therapy</i> , 2016, 7, 145.	2.4	17
4208	Bone marrow-derived mesenchymal stem cells rescue injured H9c2 cells via transferring intact mitochondria through tunneling nanotubes in an in vitro simulated ischemia/reperfusion model. <i>Molecular Medicine Reports</i> , 2016, 13, 1517-1524.	1.1	116
4209	Cytotoxicity of Experimental Resin Composites on Mesenchymal Stem Cells Isolated from Two Oral Sources. <i>Microscopy and Microanalysis</i> , 2016, 22, 1018-1033.	0.2	13
4210	A systems biology approach to defining regulatory mechanisms for cartilage and tendon cell phenotypes. <i>Scientific Reports</i> , 2016, 6, 33956.	1.6	21
4211	CRISPR/Cas9-based genetic correction for recessive dystrophic epidermolysis bullosa. <i>Npj Regenerative Medicine</i> , 2016, 1, .	2.5	74
4212	Mesenchymal stromal cells with enhanced therapeutic properties. <i>Immunotherapy</i> , 2016, 8, 1405-1416.	1.0	30
4214	Mesenchymal stem cells are sensitive to bleomycin treatment. <i>Scientific Reports</i> , 2016, 6, 26645.	1.6	46
4215	Counteracting bone fragility with human amniotic mesenchymal stem cells. <i>Scientific Reports</i> , 2016, 6, 39656.	1.6	23
4216	Increased activity of TNAP compensates for reduced adenosine production and promotes ectopic calcification in the genetic disease ACDC. <i>Science Signaling</i> , 2016, 9, ra121.	1.6	65
4217	Do skeletal muscle MSCs in humans contribute to bone repair? A systematic review. <i>Injury</i> , 2016, 47, S3-S15.	0.7	21

#	ARTICLE	IF	CITATIONS
4218	Role of Human Corneal Stroma-Derived Mesenchymal-Like Stem Cells in Corneal Immunity and Wound Healing. <i>Scientific Reports</i> , 2016, 6, 26227.	1.6	45
4219	Intravenous hMSCs Ameliorate Acute Pancreatitis in Mice via Secretion of Tumor Necrosis Factor- $\hat{\pm}$ Stimulated Gene/Protein 6. <i>Scientific Reports</i> , 2016, 6, 38438.	1.6	70
4220	Participation of mesenchymal stem cells in the regulation of immune response and cancer development. <i>Boletn Mdico Del Hospital Infantil De Mxico</i> , 2016, 73, 380-387.	0.2	14
4221	Cell Therapy of Corneal Diseases. <i>Cornea</i> , 2016, 35, S9-S19.	0.9	26
4222	Mesenchymal Stem Cell Treatment of Inflammation-Induced Cancer. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2694-2703.	0.9	9
4223	Isolation and identification of stem cells from degenerated human intervertebral discs and their migration characteristics. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 49, 101-109.	0.9	34
4224	Mesenchymal stem cell therapy to promote corneal allograft survival. <i>Current Opinion in Organ Transplantation</i> , 2016, 21, 559-567.	0.8	22
4225	AAOS Research Symposium Updates and Consensus: Biologic Treatment of Orthopaedic Injuries. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2016, 24, e62-e78.	1.1	71
4226	Genetic engineering of mesenchymal stromal cells for cancer therapy: turning partners in crime into Trojan horses. <i>Innovative Surgical Sciences</i> , 2016, 1, 19-32.	0.4	10
4227	Progenitor cells and tissue repair: more to come?. <i>Injury</i> , 2016, 47, S1-S2.	0.7	2
4228	Identification of Mefflin as a Potential Marker for Mesenchymal Stromal Cells. <i>Scientific Reports</i> , 2016, 6, 22288.	1.6	75
4229	Interleukin-22 drives the proliferation, migration and osteogenic differentiation of mesenchymal stem cells: a novel cytokine that could contribute to new bone formation in spondyloarthropathies. <i>Rheumatology</i> , 2017, 56, kew384.	0.9	74
4230	Whartons jelly-derived mesenchymal stem cells combined with praziquantel as a potential therapy for <i>Schistosoma mansoni</i> -induced liver fibrosis. <i>Scientific Reports</i> , 2016, 6, 21005.	1.6	24
4231	Mesenchymal stem cells as therapeutic target of biophysical stimulation for the treatment of musculoskeletal disorders. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 163.	0.9	29
4235	Stem cell toxicology: a powerful tool to assess pollution effects on human health. <i>National Science Review</i> , 2016, 3, 430-450.	4.6	22
4236	Cell therapies for pancreatic beta-cell replenishment. <i>Italian Journal of Pediatrics</i> , 2016, 42, 62.	1.0	13
4237	Mesenchymal stem cells in cardiac regeneration: a detailed progress report of the last 6years (20102015). <i>Stem Cell Research and Therapy</i> , 2016, 7, 82.	2.4	163
4238	MSC Therapeutics in Chronic Inflammation. <i>Current Stem Cell Reports</i> , 2016, 2, 168-173.	0.7	22

#	ARTICLE	IF	CITATIONS
4239	Electric pulses: a flexible tool to manipulate cytosolic calcium concentrations and generate spontaneous-like calcium oscillations in mesenchymal stem cells. <i>Scientific Reports</i> , 2016, 6, 32331.	1.6	20
4240	Cell therapy for cerebral hemorrhage: Five year follow-up report. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3535-3540.	0.8	23
4241	Human adipose mesenchymal stem cells as potent anti-fibrosis therapy for systemic sclerosis. <i>Journal of Autoimmunity</i> , 2016, 70, 31-39.	3.0	98
4242	Bone Marrow-Derived Stem Cells: a Mixed Blessing in the Multifaceted World of Diabetic Complications. <i>Current Diabetes Reports</i> , 2016, 16, 43.	1.7	16
4243	State of the art. Autologous fat graft and adipose tissue-derived stromal vascular fraction injection for hand therapy in systemic sclerosis patients. <i>Current Research in Translational Medicine</i> , 2016, 64, 35-42.	1.2	30
4244	Differentiation of human gingival mesenchymal stem cells into neuronal lineages in 3D bioconjugated injectable protein hydrogel construct for the management of neuronal disorder. <i>Experimental and Molecular Medicine</i> , 2016, 48, e209-e209.	3.2	21
4245	Enhanced neuro-therapeutic potential of Wharton's Jelly-derived mesenchymal stem cells in comparison with bone marrow mesenchymal stem cells culture. <i>Cytotherapy</i> , 2016, 18, 497-509.	0.3	34
4246	The effects of hypoxia on in vitro culture of dental-derived stem cells. <i>Archives of Oral Biology</i> , 2016, 68, 13-20.	0.8	39
4247	LIPINYECCIÁN: CONCEPTOS BÁSICOS Y APLICACIÓN CLÍNICA. <i>Revista Médica Clínica Las Condes</i> , 2016, 27, 93-106.	0.2	0
4248	A relativity concept in mesenchymal stromal cell manufacturing. <i>Cytotherapy</i> , 2016, 18, 613-620.	0.3	45
4249	Biologic Treatments for Sports Injuries II Think Tank—Current Concepts, Future Research, and Barriers to Advancement, Part 1. <i>American Journal of Sports Medicine</i> , 2016, 44, 3270-3283.	1.9	112
4250	Eicosapentaenoic acid attenuates dexamethasone-induced apoptosis by inducing adaptive autophagy via GPR120 in murine bone marrow-derived mesenchymal stem cells. <i>Cell Death and Disease</i> , 2016, 7, e2235-e2235.	2.7	22
4251	In vitro osteogenic capacity of bone marrow MSCs from postmenopausal women reflect the osseointegration of their cementless hip stems. <i>Bone Reports</i> , 2016, 5, 124-135.	0.2	4
4252	Massive parallel RNA sequencing of highly purified mesenchymal elements in low-risk MDS reveals tissue-context-dependent activation of inflammatory programs. <i>Leukemia</i> , 2016, 30, 1938-1942.	3.3	70
4253	Role of mesenchymal stem cells in kidney injury and fibrosis. <i>Current Opinion in Nephrology and Hypertension</i> , 2016, 25, 372-377.	1.0	32
4254	Mesenchymal stem cell therapy in the treatment of osteoarthritis: reparative pathways, safety and efficacy—a review. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 230.	0.8	212
4255	Quality Control Assays for Clinical-Grade Human Mesenchymal Stromal Cells: Methods for ATP Release. <i>Methods in Molecular Biology</i> , 2016, 1416, 313-337.	0.4	16
4256	Protocols for in vitro Differentiation of Human Mesenchymal Stem Cells into Osteogenic, Chondrogenic and Adipogenic Lineages. <i>Methods in Molecular Biology</i> , 2016, 1416, 149-158.	0.4	82

#	ARTICLE	IF	CITATIONS
4257	Colony Forming Unit Assays. <i>Methods in Molecular Biology</i> , 2016, 1416, 159-169.	0.4	13
4258	Isolation, Culture, and Characterization of Human Umbilical Cord Blood-Derived Mesenchymal Stromal Cells. <i>Methods in Molecular Biology</i> , 2016, 1416, 245-258.	0.4	30
4259	Isolation and Manufacture of Clinical-Grade Bone Marrow-Derived Human Mesenchymal Stromal Cells. <i>Methods in Molecular Biology</i> , 2016, 1416, 301-312.	0.4	3
4260	Quality Control Assays for Clinical-Grade Human Mesenchymal Stromal Cells: Validation Strategy. <i>Methods in Molecular Biology</i> , 2016, 1416, 339-356.	0.4	8
4261	Clinical-Grade Manufacturing of Therapeutic Human Mesenchymal Stem/Stromal Cells in Microcarrier-Based Culture Systems. <i>Methods in Molecular Biology</i> , 2016, 1416, 375-388.	0.4	12
4262	GMP-Compliant Expansion of Clinical-Grade Human Mesenchymal Stromal/Stem Cells Using a Closed Hollow Fiber Bioreactor. <i>Methods in Molecular Biology</i> , 2016, 1416, 389-412.	0.4	33
4263	Engineering Small-Scale and Scaffold-Based Bone Organs via Endochondral Ossification Using Adult Progenitor Cells. <i>Methods in Molecular Biology</i> , 2016, 1416, 413-424.	0.4	5
4264	Tips on How to Collect and Administer the Mesenchymal Stem Cell Secretome for Central Nervous System Applications. <i>Methods in Molecular Biology</i> , 2016, 1416, 457-465.	0.4	1
4265	Soluble Factors from Human Fetal Bone Marrow-Derived Mesenchymal Stem Cells: Preparation of Conditioned Medium and Its Effect on Tumor Cells. <i>Methods in Molecular Biology</i> , 2016, 1416, 467-475.	0.4	1
4266	Mesenchymal Stem Cells in Cardiology. <i>Methods in Molecular Biology</i> , 2016, 1416, 55-87.	0.4	50
4267	How do cells talk to each other?: Paracrine factors secreted by mesenchymal stromal cells. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 849-851.	0.4	7
4268	Stem cell-based therapies in inflammatory bowel disease: promises and pitfalls. <i>Therapeutic Advances in Gastroenterology</i> , 2016, 9, 533-547.	1.4	33
4269	Episomal plasmid-based generation of induced pluripotent stem cells from fetal femur-derived human mesenchymal stromal cells. <i>Stem Cell Research</i> , 2016, 16, 128-132.	0.3	8
4270	Regenerative medicine in kidney disease. <i>Kidney International</i> , 2016, 90, 289-299.	2.6	36
4271	Methodologies in creating skin substitutes. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3453-3472.	2.4	88
4272	In vitro characterization of bone marrow stromal cells from osteoarthritic donors. <i>Stem Cell Research</i> , 2016, 16, 782-789.	0.3	16
4273	Evidence Supporting a Paracrine Effect of IGF-1/VEGF on Human Mesenchymal Stromal Cell Commitment. <i>Cells Tissues Organs</i> , 2016, 201, 333-341.	1.3	16
4274	Long-term survival of donor bone marrow multipotent mesenchymal stromal cells implanted into the periosteum of patients with allogeneic graft failure. <i>International Journal of Hematology</i> , 2016, 104, 403-407.	0.7	3

#	ARTICLE	IF	CITATIONS
4275	Adipose-derived Stem Cells Counteract Urethral Stricture Formation in Rats. <i>European Urology</i> , 2016, 70, 1032-1041.	0.9	49
4276	Multiphase mixing characteristics in a microcarrier-based stirred tank bioreactor suitable for human mesenchymal stem cell expansion. <i>Process Biochemistry</i> , 2016, 51, 1109-1119.	1.8	31
4277	Mesenchymal stem cell-based therapy in kidney transplantation. <i>Stem Cell Research and Therapy</i> , 2016, 7, 16.	2.4	45
4278	GM-CSF Mediates Mesenchymal-epithelial Cross-talk in Pancreatic Cancer. <i>Cancer Discovery</i> , 2016, 6, 886-899.	7.7	156
4279	Fibroblasts and Mesenchymal Stromal/Stem Cells Are Phenotypically Indistinguishable. <i>Acta Haematologica</i> , 2016, 136, 85-97.	0.7	169
4280	Transplantation of Human Adipose Mesenchymal Stem Cells in Non-Immunosuppressed GRMD Dogs is a Safe Procedure. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 448-453.	5.6	16
4281	Analysis of the safety of mesenchymal stromal cells secretome for glioblastoma treatment. <i>Cytotherapy</i> , 2016, 18, 828-837.	0.3	29
4282	Rapid and efficient magnetization of mesenchymal stem cells by dendrimer-functionalized magnetic nanoparticles. <i>Nanomedicine</i> , 2016, 11, 1519-1534.	1.7	15
4283	Chorionic villi derived mesenchymal like stem cells and expression of embryonic stem cells markers during long-term culturing. <i>Cell and Tissue Banking</i> , 2016, 17, 517-529.	0.5	12
4284	Rapid and Efficient Stable Gene Transfer to Mesenchymal Stromal Cells Using a Modified Foamy Virus Vector. <i>Molecular Therapy</i> , 2016, 24, 1227-1236.	3.7	10
4285	A humanized bone marrow ossicle xenotransplantation model enables improved engraftment of healthy and leukemic human hematopoietic cells. <i>Nature Medicine</i> , 2016, 22, 812-821.	15.2	181
4286	TNF- α and IL-1 β -activated human mesenchymal stromal cells increase airway epithelial wound healing in vitro via activation of the epidermal growth factor receptor. <i>Respiratory Research</i> , 2016, 17, 3.	1.4	76
4287	Extracellular Vesicles: Satellites of Information Transfer in Cancer and Stem Cell Biology. <i>Developmental Cell</i> , 2016, 37, 301-309.	3.1	152
4288	VCAM-1+ placenta chorionic villi-derived mesenchymal stem cells display potent pro-angiogenic activity. <i>Stem Cell Research and Therapy</i> , 2016, 7, 49.	2.4	77
4289	Isolation and trans-differentiation of mesenchymal stromal cells into smooth muscle cells: Utility and applicability for cell-sheet engineering. <i>Cytotherapy</i> , 2016, 18, 510-517.	0.3	17
4290	Quality cell therapy manufacturing by design. <i>Nature Biotechnology</i> , 2016, 34, 393-400.	9.4	214
4291	Transplantation of Simian Mesenchymal Stem Cells to Baboons with Experimentally Induced Myocardial Infarction. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 160, 589-591.	0.3	1
4292	Challenges and opportunities for stem cell therapy in patients with chronic kidney disease. <i>Kidney International</i> , 2016, 89, 767-778.	2.6	79

#	ARTICLE	IF	CITATIONS
4293	Multipotent mesenchymal stromal cells from patients with newly diagnosed type 1 diabetes mellitus exhibit preserved in vitro and in vivo immunomodulatory properties. <i>Stem Cell Research and Therapy</i> , 2016, 7, 14.	2.4	46
4294	Mesenchymal stem cell-induced 3D displacement field of cell-adhesion matrices with differing elasticities. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 394-400.	1.5	4
4295	Jellyfish collagen and alginate: Combined marine materials for superior chondrogenesis of hMSC. <i>Materials Science and Engineering C</i> , 2016, 64, 190-198.	3.8	55
4296	Î±2â€™6 sialylation is a marker of the differentiation potential of human mesenchymal stem cells. <i>Glycobiology</i> , 2016, 26, cww039.	1.3	15
4297	Use of Statins to Augment Progenitor Cell Function in Preclinical and Clinical Studies of Regenerative Therapy: a Systematic Review. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 327-339.	5.6	27
4298	Localization and functions of mesenchymal stromal cells in vivo. <i>Biology Bulletin Reviews</i> , 2016, 6, 1-10.	0.3	5
4299	Human lung-derived mesenchymal stem cell-conditioned medium exerts in vitro antitumor effects in malignant pleural mesothelioma cell lines. <i>Stem Cell Research and Therapy</i> , 2016, 7, 25.	2.4	27
4300	Cardiac mesenchymal progenitors differentiate into adipocytes via Klf4 and c-Myc. <i>Cell Death and Disease</i> , 2016, 7, e2190-e2190.	2.7	36
4301	Characterization of progenitor cells derived from torn human rotator cuff tendons by gene expression patterns of chondrogenesis, osteogenesis, and adipogenesis. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 40.	0.9	26
4302	Effect of inflammatory environment on equine bone marrow derived mesenchymal stem cells immunogenicity and immunomodulatory properties. <i>Veterinary Immunology and Immunopathology</i> , 2016, 171, 57-65.	0.5	53
4303	Low Oxygen Modulates Multiple Signaling Pathways, Increasing Self-Renewal, While Decreasing Differentiation, Senescence, and Apoptosis in Stromal MIAMI Cells. <i>Stem Cells and Development</i> , 2016, 25, 848-860.	1.1	22
4304	The Supportive Role of Insulin-Like Growth Factor-I in the Differentiation of Murine Mesenchymal Stem Cells into Corneal-Like Cells. <i>Stem Cells and Development</i> , 2016, 25, 874-881.	1.1	21
4305	Toll-like receptor 3 pre-conditioning increases the therapeutic efficacy of umbilical cord mesenchymal stromal cells in a dextran sulfate sodiumâ€™induced colitis model. <i>Cytherapy</i> , 2016, 18, 630-641.	0.3	43
4306	Isolation and comparative analysis of potential stem/progenitor cells from different regions of human umbilical cord. <i>Stem Cell Research</i> , 2016, 16, 696-711.	0.3	44
4307	Mesenchymal stem cells (MSCs) as skeletal therapeuticsâ€™an update. <i>Journal of Biomedical Science</i> , 2016, 23, 41.	2.6	60
4308	Local and targeted drug delivery for bone regeneration. <i>Current Opinion in Biotechnology</i> , 2016, 40, 125-132.	3.3	70
4309	Mass spectrometry analysis of adipose-derived stem cells reveals a significant effect of hypoxia on pathways regulating extracellular matrix. <i>Stem Cell Research and Therapy</i> , 2016, 7, 52.	2.4	49
4310	Differentiation of hepatocytes from induced pluripotent stem cells derived from human hair follicle mesenchymal stem cells. <i>Cell and Tissue Research</i> , 2016, 366, 89-99.	1.5	17

#	ARTICLE	IF	CITATIONS
4311	Implantation of a Novel Allogeneic Mesenchymal Precursor Cell Type in Patients with Ischemic Cardiomyopathy Undergoing Coronary Artery Bypass Grafting: an Open Label Phase IIa Trial. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 202-213.	1.1	11
4312	Characterization of a novel mesenchymal stem cell line derived from human embryonic stem cells. <i>Cell and Tissue Biology</i> , 2016, 10, 1-9.	0.2	6
4313	Angiogenic and anti-inflammatory properties of mesenchymal stem cells from cord blood: soluble factors and extracellular vesicles for cell regeneration. <i>European Journal of Cell Biology</i> , 2016, 95, 228-238.	1.6	37
4314	A Refractory Celiac Patient Successfully Treated With Mesenchymal Stem Cell Infusions. <i>Mayo Clinic Proceedings</i> , 2016, 91, 812-819.	1.4	19
4315	Indoleamine 2,3-dioxygenase and regulatory T cells in acute myeloid leukemia. <i>Hematology</i> , 2016, 21, 447-453.	0.7	36
4316	Nanoparticles and mesenchymal stem cells: a win-win alliance for anticancer drug delivery. <i>RSC Advances</i> , 2016, 6, 36910-36922.	1.7	10
4317	Adipose derived stem cells for regenerative therapy in osteoarticular diseases. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016, 28, 113-120.	0.3	11
4318	New models of hematogenous ovarian cancer metastasis demonstrate preferential spread to the ovary and a requirement for the ovary for abdominal dissemination. <i>Translational Research</i> , 2016, 175, 92-102.e2.	2.2	73
4319	Non-destructive characterisation of mesenchymal stem cell differentiation using LC-MS-based metabolite footprinting. <i>Analyst</i> , The, 2016, 141, 3776-3787.	1.7	23
4320	Bone repair with skeletal stem cells: rationale, progress to date and clinical application. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2016, 8, 57-71.	1.2	24
4321	Endometrial Mesenchymal Stem/Stromal Cells, Their Fibroblast Progeny in Endometriosis, and More1. <i>Biology of Reproduction</i> , 2016, 94, 129.	1.2	23
4322	Equine Mesenchymal Stromal Cells from Different Sources Efficiently Differentiate into Hepatocyte-Like Cells. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 596-607.	1.1	12
4323	Breast cancer carcinoma-associated fibroblasts differ from breast fibroblasts in immunological and extracellular matrix regulating pathways. <i>Experimental Cell Research</i> , 2016, 344, 53-66.	1.2	16
4324	Heterogeneity in Studies of Mesenchymal Stromal Cells to Treat or Prevent Graft-versus-Host Disease: A Scoping Review of the Evidence. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, 1416-1423.	2.0	67
4325	Comparative Immunophenotypic Characteristics, Proliferative Features, and Osteogenic Differentiation of Stem Cells Isolated from Human Permanent and Deciduous Teeth with Bone Marrow. <i>Molecular Biotechnology</i> , 2016, 58, 415-427.	1.3	31
4326	In vitro lifespan and senescent behaviour of human periosteal derived stem cells. <i>Bone</i> , 2016, 88, 1-12.	1.4	14
4327	Regeneration of the lung: Lung stem cells and the development of lung mimicking devices. <i>Respiratory Research</i> , 2016, 17, 44.	1.4	86
4328	Mesenchymal stem cell subpopulations: phenotype, property and therapeutic potential. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3311-3321.	2.4	100

#	ARTICLE	IF	CITATIONS
4329	Amniotic Fluid Stem Cell Culture Methods. <i>Pancreatic Islet Biology</i> , 2016, , 181-214.	0.1	0
4330	Umbilical Cord Blood Stem Cell Populations. <i>Pancreatic Islet Biology</i> , 2016, , 241-255.	0.1	1
4331	The Placenta as an Organ and a Source of Stem Cells and Extracellular Matrix: A Review. <i>Cells Tissues Organs</i> , 2016, 201, 239-252.	1.3	43
4332	miRNA-29b improves bone healing in mouse fracture model. <i>Molecular and Cellular Endocrinology</i> , 2016, 430, 97-107.	1.6	47
4333	Multipotent mesenchymal stromal cells are fully permissive for human cytomegalovirus infection. <i>Virologica Sinica</i> , 2016, 31, 219-228.	1.2	6
4334	Australasian College of Sports Physicians's Position Statement. <i>Clinical Journal of Sport Medicine</i> , 2016, 26, 87-95.	0.9	7
4335	Rapid isolation of bone marrow mesenchymal stromal cells using integrated centrifuge-based technology. <i>Cytotherapy</i> , 2016, 18, 729-739.	0.3	15
4336	Generation of stem cell-based bioartificial anterior cruciate ligament (ACL) grafts for effective ACL rupture repair. <i>Stem Cell Research</i> , 2016, 17, 448-457.	0.3	25
4337	Functional characterisation of bone marrow-derived mesenchymal stromal cells from COPD patients. <i>ERJ Open Research</i> , 2016, 2, 00045-2015.	1.1	11
4338	Secreted trophic factors of mesenchymal stem cells support neurovascular and musculoskeletal therapies. <i>Stem Cell Research and Therapy</i> , 2016, 7, 131.	2.4	259
4339	5. MMP-2, TIMP-2, TAZ and MEF2a Transcript Expression in Osteogenic and Adipogenic Differentiation of Porcine Mesenchymal Stem Cells. <i>Annals of Animal Science</i> , 2016, 16, 369-385.	0.6	12
4340	Mesenchymal Stem Cell Therapy for rheumatic diseases. <i>Hong Kong Bulletin on Rheumatic Diseases</i> , 2016, 16, 6-10.	0.1	0
4341	Therapeutic potential of human amniotic membrane-derived mesenchymal stem cells in APP transgenic mice. <i>Oncology Letters</i> , 2016, 12, 1877-1883.	0.8	31
4342	Characteristics of Multipotent Mesenchymal Stromal Cells Isolated from Human Endometrium and Endometriosis Lesions. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 161, 610-615.	0.3	3
4343	Bone formation of human mesenchymal stem cells harvested from reaming debris is stimulated by low-dose bone morphogenetic protein-7 application in vivo. <i>Journal of Orthopaedics</i> , 2016, 13, 404-408.	0.6	19
4344	Promoter optimisation of lentiviral vectors for efficient insulin gene expression in canine mesenchymal stromal cells: potential surrogate beta cells. <i>Journal of Gene Medicine</i> , 2016, 18, 312-321.	1.4	12
4345	Stem cell regenerative potential for plastic and reconstructive surgery. <i>Cell and Tissue Banking</i> , 2016, 17, 735-744.	0.5	9
4346	Ectopic osteogenic capacity of freshly isolated adipose-derived stromal vascular fraction cells supported with platelet-rich plasma: A simulation of intraoperative procedure. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1750-1760.	0.7	19

#	ARTICLE	IF	CITATIONS
4347	Mesenchymal Stromal Cell-Based Therapies for Chronic Lung Disease of Prematurity. <i>American Journal of Perinatology</i> , 2016, 33, 1043-1049.	0.6	7
4348	Intra-articular therapies for osteoarthritis. <i>Expert Opinion on Pharmacotherapy</i> , 2016, 17, 2057-2071.	0.9	28
4349	Bone mesenchymal stem cells differentiate into myofibroblasts in the tumor microenvironment. <i>Oncology Letters</i> , 2016, 12, 644-650.	0.8	8
4350	KIT D816V mutated bone marrow mesenchymal stem cells in indolent systemic mastocytosis are associated with disease progression. <i>Blood</i> , 2016, 127, 761-768.	0.6	33
4351	Sodium Tungstate for Promoting Mesenchymal Stem Cell Chondrogenesis. <i>Stem Cells and Development</i> , 2016, 25, 1909-1918.	1.1	4
4352	MSCs can be differentially isolated from maternal, middle and fetal segments of the human umbilical cord. <i>Cytotherapy</i> , 2016, 18, 1493-1502.	0.3	23
4353	The immunosuppressive capacity of human mesenchymal stromal cells derived from amnion and bone marrow. <i>Biochemistry and Biophysics Reports</i> , 2016, 8, 34-40.	0.7	20
4354	Metabolic switches during the first steps of adipogenic stem cells differentiation. <i>Stem Cell Research</i> , 2016, 17, 413-421.	0.3	39
4355	MIF Plays a Key Role in Regulating Tissue-Specific Chondro-Osteogenic Differentiation Fate of Human Cartilage Endplate Stem Cells under Hypoxia. <i>Stem Cell Reports</i> , 2016, 7, 249-262.	2.3	39
4356	<i>Stem Cell Proteomics</i> , 2016, , 123-153.		0
4357	Hyaluronic Acid (HA) Scaffolds and Multipotent Stromal Cells (MSCs) in Regenerative Medicine. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 664-681.	5.6	34
4358	Downregulation of Melanoma Cell Adhesion Molecule (MCAM/CD146) Accelerates Cellular Senescence in Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2016, 5, 427-439.	1.6	56
4359	Chitosan-poly(vinyl alcohol) nanofibers by free surface electrospinning for tissue engineering applications. <i>Tissue Engineering and Regenerative Medicine</i> , 2016, 13, 485-497.	1.6	64
4360	Tumor-homing effect of human mesenchymal stem cells in a TH-MYCN mouse model of neuroblastoma. <i>Journal of Pediatric Surgery</i> , 2016, 51, 2068-2073.	0.8	16
4361	Bioactive molecules derived from umbilical cord mesenchymal stem cells. <i>Acta Histochemica</i> , 2016, 118, 761-769.	0.9	46
4362	Mesenchymal stem cells in the treatment of chronic lung disease. <i>Respirology</i> , 2016, 21, 1366-1375.	1.3	52
4363	Obesity Determines the Immunophenotypic Profile and Functional Characteristics of Human Mesenchymal Stem Cells From Adipose Tissue. <i>Stem Cells Translational Medicine</i> , 2016, 5, 464-475.	1.6	96
4364	Bovine endometrial cells: a source of mesenchymal stem/progenitor cells. <i>Cell Biology International</i> , 2016, 40, 1332-1339.	1.4	35

#	ARTICLE	IF	CITATIONS
4365	Effects of Elastin-Like Peptide on Regulation of Human Mesenchymal Stem Cell Behavior. <i>Regenerative Engineering and Translational Medicine</i> , 2016, 2, 85-97.	1.6	10
4366	Clinical safety of intrathecal administration of mesenchymal stromal cell-derived neural progenitors in multiple sclerosis. <i>Cytotherapy</i> , 2016, 18, 1476-1482.	0.3	54
4367	Restoration of Corneal Transparency by Mesenchymal Stem Cells. <i>Stem Cell Reports</i> , 2016, 7, 583-590.	2.3	110
4369	Differential profile of CDKN1A and TP53 expressions in bone marrow mesenchymal stromal cells from myeloid neoplasms. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2016, 38, 368-370.	0.7	2
4370	The effect of Me 2 SO overexposure during cryopreservation on HOS TE85 and hMSC viability, growth and quality. <i>Cryobiology</i> , 2016, 73, 367-375.	0.3	19
4371	Canine mesenchymal stem cells are neurotrophic and angiogenic: An in vitro assessment of their paracrine activity. <i>Veterinary Journal</i> , 2016, 217, 10-17.	0.6	16
4372	Isolation and Characterization of Rat Mesenchymal Stem Cells Derived from Granulocyte Colony-Stimulating Factor-Mobilized Peripheral Blood. <i>Cells Tissues Organs</i> , 2016, 201, 412-422.	1.3	21
4373	Impaired Angiogenic Potential of Human Placental Mesenchymal Stromal Cells in Intrauterine Growth Restriction. <i>Stem Cells Translational Medicine</i> , 2016, 5, 451-463.	1.6	22
4374	Massive Clonal Selection and Transiently Contributing Clones During Expansion of Mesenchymal Stem Cell Cultures Revealed by Lentiviral RGB-Barcode Technology. <i>Stem Cells Translational Medicine</i> , 2016, 5, 591-601.	1.6	66
4375	Platelet-Derived Growth Factor-BB Protects Mesenchymal Stem Cells (MSCs) Derived From Immune Thrombocytopenia Patients Against Apoptosis and Senescence and Maintains MSC-Mediated Immunosuppression. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1631-1643.	1.6	57
4376	Human Cardiomyocytes Prior to Birth by Integration-Free Reprogramming of Amniotic Fluid Cells. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1595-1606.	1.6	18
4377	Mesenchymal Stem Cells and Pericytes: To What Extent Are They Related?. <i>Stem Cells and Development</i> , 2016, 25, 1843-1852.	1.1	100
4378	Combined administration of mesenchymal stem cells overexpressing IGF-1 and HGF enhances neovascularization but moderately improves cardiac regeneration in a porcine model. <i>Stem Cell Research and Therapy</i> , 2016, 7, 94.	2.4	42
4379	Human umbilical cord-derived mesenchymal stem cells protect against experimental colitis via CD5+ B regulatory cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 109.	2.4	44
4380	Intravenous vs intraperitoneal transplantation of umbilical cord mesenchymal stem cells from Wharton's jelly in the treatment of streptozotocin-induced diabetic rats. <i>Diabetes Research and Clinical Practice</i> , 2016, 121, 102-111.	1.1	6
4381	Angiogenic and anti-inflammatory properties of micro-fragmented fat tissue and its derived mesenchymal stromal cells. <i>Vascular Cell</i> , 2016, 8, 3.	0.2	66
4383	Comparative study of adipose-derived stem cells and bone marrow-derived stem cells in similar microenvironmental conditions. <i>Experimental Cell Research</i> , 2016, 348, 155-164.	1.2	25
4384	Alginate-Encapsulation for the Improved Hypothermic Preservation of Human Adipose-Derived Stem Cells. <i>Stem Cells Translational Medicine</i> , 2016, 5, 339-349.	1.6	65

#	ARTICLE	IF	CITATIONS
4385	Using miRNA-mRNA Interaction Analysis to Link Biologically Relevant miRNAs to Stem Cell Identity Testing for Next-Generation Culturing Development. <i>Stem Cells Translational Medicine</i> , 2016, 5, 709-722.	1.6	13
4386	Human amnion epithelial cells expressing HLA-G as novel cell-based treatment for liver disease. <i>Human Immunology</i> , 2016, 77, 734-739.	1.2	66
4387	Large-scale progenitor cell expansion for multiple donors in a monitored hollow fibre bioreactor. <i>Cytotherapy</i> , 2016, 18, 1219-1233.	0.3	44
4388	CD29/CD184 expression analysis provides a signature for identification of neuronal like cells differentiated from PBMSCs. <i>Neuroscience Letters</i> , 2016, 630, 189-193.	1.0	8
4389	Increasing of blastocyst rate and gene expression in co-culture of bovine embryos with adult adipose tissue-derived mesenchymal stem cells. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1395-1403.	1.2	26
4390	Tweaking Mesenchymal Stem/Progenitor Cell Immunomodulatory Properties with Viral Vectors Delivering Cytokines. <i>Stem Cells and Development</i> , 2016, 25, 1321-1341.	1.1	9
4392	Prospects and progress in cell therapy for acute respiratory distress syndrome. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 1353-1360.	1.4	30
4393	Material-Driven Fibronectin Assembly Promotes Maintenance of Mesenchymal Stem Cell Phenotypes. <i>Advanced Functional Materials</i> , 2016, 26, 6563-6573.	7.8	23
4394	Effect of low-level laser irradiation on proliferation of human dental mesenchymal stem cells; a systemic review. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 577-582.	1.7	70
4395	Serum and xeno-free, chemically defined, no-plate-coating-based culture system for mesenchymal stromal cells from the umbilical cord. <i>Cell Proliferation</i> , 2016, 49, 579-588.	2.4	27
4396	Isolation and characterization of primary bone marrow mesenchymal stromal cells. <i>Annals of the New York Academy of Sciences</i> , 2016, 1370, 109-118.	1.8	119
4397	Silk-Fibroin and Graphene Oxide Composites Promote Human Periodontal Ligament Stem Cell Spontaneous Differentiation into Osteo/Cementoblast-Like Cells. <i>Stem Cells and Development</i> , 2016, 25, 1742-1754.	1.1	44
4398	Multiple Directional Differentiation Difference of Neonatal Rat Fibroblasts from Six Organs. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 157-171.	1.1	26
4399	Activin A secreted by human mesenchymal stem cells induces neuronal development and neurite outgrowth in an in vitro model of Alzheimer's disease: neurogenesis induced by MSCs via activin A. <i>Archives of Pharmacal Research</i> , 2016, 39, 1171-1179.	2.7	33
4400	Amniotic membrane mesenchymal stem cells can differentiate into germ cells in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 1060-1071.	0.7	19
4401	Adipose-Derived Mesenchymal Stromal Cells. , 2016, , 37-55.		1
4402	Scalable microcarrier-based manufacturing of mesenchymal stem/stromal cells. <i>Journal of Biotechnology</i> , 2016, 236, 88-109.	1.9	64
4403	Combined treatment, based on lysomustine administration with mesenchymal stem cells expressing cytosine deaminase therapy, leads to pronounced murine Lewis lung carcinoma growth inhibition. <i>Journal of Gene Medicine</i> , 2016, 18, 220-233.	1.4	11

#	ARTICLE	IF	CITATIONS
4404	Osteogenic potential of murine periosteum for critical-size cranial defects. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, 772-777.	0.4	2
4405	Regeneration of mandibular defects using adipose tissue mesenchymal stromal cells in combination with human serum-derived scaffolds. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1356-1365.	0.7	7
4406	Mesenchymal Stem Cell Alterations in Bone Marrow Lesions in Patients With Hip Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 1648-1659.	2.9	94
4407	Collagen-containing scaffolds enhance attachment and proliferation of non-cultured bone marrow multipotential stromal cells. <i>Journal of Orthopaedic Research</i> , 2016, 34, 597-606.	1.2	24
4408	Tumor Specific Recruitment and Reprogramming of Mesenchymal Stem Cells in Tumorigenesis. <i>Stem Cells</i> , 2016, 34, 1011-1026.	1.4	46
4409	High Content Imaging of Early Morphological Signatures Predicts Long Term Mineralization Capacity of Human Mesenchymal Stem Cells upon Osteogenic Induction. <i>Stem Cells</i> , 2016, 34, 935-947.	1.4	72
4410	Concise Review: The Bystander Effect: Mesenchymal Stem Cell-Mediated Lung Repair. <i>Stem Cells</i> , 2016, 34, 1437-1444.	1.4	49
4411	Purinergic and Store-Operated Ca ²⁺ Signaling Mechanisms in Mesenchymal Stem Cells and Their Roles in ATP-Induced Stimulation of Cell Migration. <i>Stem Cells</i> , 2016, 34, 2102-2114.	1.4	39
4412	Mitochondrial Transfer via Tunneling Nanotubes is an Important Mechanism by Which Mesenchymal Stem Cells Enhance Macrophage Phagocytosis in the In Vitro and In Vivo Models of ARDS. <i>Stem Cells</i> , 2016, 34, 2210-2223.	1.4	401
4413	Concise Review: Stem Cell Trials Using Companion Animal Disease Models. <i>Stem Cells</i> , 2016, 34, 1709-1729.	1.4	126
4414	Qualifying stem cell sources: how to overcome potential pitfalls in regenerative medicine?. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 3-10.	1.3	23
4415	Engineered Mesenchymal Stem Cells as an Anti-Cancer Trojan Horse. <i>Stem Cells and Development</i> , 2016, 25, 1513-1531.	1.1	47
4416	Bone-marrow-derived mesenchymal stem cells inhibit gastric aspiration lung injury and inflammation in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1706-1717.	1.6	25
4417	Systematic microcarrier screening and agitated culture conditions improves human mesenchymal stem cell yield in bioreactors. <i>Biotechnology Journal</i> , 2016, 11, 473-486.	1.8	117
4418	Regulation of mesenchymal stem cell 3D microenvironment: From macro to microfluidic bioreactors. <i>Biotechnology Journal</i> , 2016, 11, 43-57.	1.8	49
4419	Toxic Metal Pollution in Pakistan and Its Possible Risks to Public Health. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 242, 1-60.	0.7	35
4420	Orthobiologic Interventions Using Ultrasound Guidance. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2016, 27, 717-731.	0.7	14
4421	A20 plays a critical role in the immunoregulatory function of mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1550-1560.	1.6	19

#	ARTICLE	IF	CITATIONS
4422	Mesenchymal stem cells as novel microRNA ribonucleic acid delivery vehicles in kidney disease. <i>Nephrology</i> , 2016, 21, 363-371.	0.7	12
4423	Mesenchymal stem/stromal cell-derived extracellular vesicles as a new approach in stem cell therapy. <i>ISBT Science Series</i> , 2016, 11, 228-234.	1.1	10
4424	Design and validation of a consistent and reproducible manufacture process for the production of clinical-grade bone marrow-derived multipotent mesenchymal stromal cells. <i>Cytotherapy</i> , 2016, 18, 1197-1208.	0.3	42
4425	Expansion and Characterization Considerations for the Manufacturing of Stem Cells. , 2016, , 215-231.		0
4426	Bioreactor Engineering Fundamentals for Stem Cell Manufacturing. , 2016, , 43-75.		16
4427	Microcarrier Culture Systems for Stem Cell Manufacturing. , 2016, , 77-104.		10
4428	The clinical application of mesenchymal stromal cells in hematopoietic stem cell transplantation. <i>Journal of Hematology and Oncology</i> , 2016, 9, 46.	6.9	91
4429	Osteogenic Potential of Mouse Periosteum-Derived Cells Sorted for CD90 In Vitro and In Vivo. <i>Stem Cells Translational Medicine</i> , 2016, 5, 227-234.	1.6	25
4430	Effect of bone marrow and adipose tissue-derived mesenchymal stem cells on the natural course of corneal scarring after penetrating injury. <i>Experimental Eye Research</i> , 2016, 151, 227-235.	1.2	52
4431	Effect of a cryopreservation protocol on the proliferation of stem cells from human exfoliated deciduous teeth. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 598-604.	0.9	9
4432	Donor age and long-term culture do not negatively influence the stem potential of limbal fibroblast-like stem cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 83.	2.4	6
4433	Metastatic Ovarian Cancer Can Be Efficiently Treated by Genetically Modified Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2016, 25, 1640-1651.	1.1	13
4434	In vitro cytokine licensing induces persistent permissive chromatin at the Indoleamine 2,3-dioxygenase promoter. <i>Cytotherapy</i> , 2016, 18, 1114-1128.	0.3	28
4435	Adult Versus Pluripotent Stem Cell-Derived Mesenchymal Stem Cells: The Need for More Precise Nomenclature. <i>Current Stem Cell Reports</i> , 2016, 2, 299-303.	0.7	5
4436	The biology and function of fibroblasts in cancer. <i>Nature Reviews Cancer</i> , 2016, 16, 582-598.	12.8	2,886
4437	Not All Pericytes Are Born Equal: Pericytes from Human Adult Tissues Present Different Differentiation Properties. <i>Stem Cells and Development</i> , 2016, 25, 1549-1558.	1.1	27
4438	Exosomal MicroRNAs Derived From Umbilical Mesenchymal Stem Cells Inhibit Hepatitis C Virus Infection. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1190-1203.	1.6	126
4439	The paracrine immunomodulatory interactions between the human dental pulp derived mesenchymal stem cells and CD4 T cell subsets. <i>Cellular Immunology</i> , 2016, 310, 108-115.	1.4	72

#	ARTICLE	IF	CITATIONS
4440	Screening and Identification of Highly Specific MAbs for Discovering Novel Biomarkers of Bone Marrow Stromal Cells. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2016, 35, 199-211.	0.8	2
4441	Potency testing of mesenchymal stromal cell growth expanded in human platelet lysate from different human tissues. <i>Stem Cell Research and Therapy</i> , 2016, 7, 122.	2.4	32
4442	Identification and Characterization of Human Endometrial Mesenchymal Stem/Stromal Cells and Their Potential for Cellular Therapy. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1127-1132.	1.6	80
4443	A Detailed Assessment of Varying Ejection Rate on Delivery Efficiency of Mesenchymal Stem Cells Using Narrow-Bore Needles. <i>Stem Cells Translational Medicine</i> , 2016, 5, 366-378.	1.6	24
4444	An Innovative, Comprehensive Mapping and Multiscale Analysis of Registered Trials for Stem Cell-Based Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2016, 5, 826-835.	1.6	34
4445	Superiority of three-dimensional stem cell clusters over monolayer culture: An archetype to biological application. <i>Macromolecular Research</i> , 2016, 24, 1037-1046.	1.0	7
4446	Potential Therapeutic Applications of Adipose-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2016, 25, 1615-1628.	1.1	37
4447	Prospects for Adult Stem Cells in the Treatment of Liver Diseases. <i>Stem Cells and Development</i> , 2016, 25, 1471-1482.	1.1	8
4448	High-throughput flow cytometry screening of human hepatocellular carcinoma reveals CD146 to be a novel marker of tumor-initiating cells. <i>Biochemistry and Biophysics Reports</i> , 2016, 8, 107-113.	0.7	9
4449	Primary Cilia in Chondrogenic Differentiation of Equine Bone Marrow Mesenchymal Stem Cells: Ultrastructural Study. <i>Journal of Equine Veterinary Science</i> , 2016, 47, 47-54.	0.4	4
4450	A Cell Graft or a Drug? Legal and Practical Aspects of Somatic Cells Application in Graft-Versus-Host Disease Experimental Treatment: The Polish Experience. <i>Transplantation Proceedings</i> , 2016, 48, 1402-1406.	0.3	0
4451	Inhibitory Effects of Astragaloside IV on Bleomycin-Induced Pulmonary Fibrosis in Rats Via Attenuation of Oxidative Stress and Inflammation. <i>Inflammation</i> , 2016, 39, 1835-1841.	1.7	54
4452	<sc>PTH</sc>/<sc>SDF</sc> cotherapy promotes proliferation, migration and osteogenic differentiation of human periodontal ligament stem cells. <i>Cell Proliferation</i> , 2016, 49, 599-608.	2.4	35
4453	The bone marrow pericyte: an orchestrator of vascular niche. <i>Regenerative Medicine</i> , 2016, 11, 883-895.	0.8	35
4454	Tissue-specific Differentiation Potency of Mesenchymal Stromal Cells from Perinatal Tissues. <i>Scientific Reports</i> , 2016, 6, 23544.	1.6	92
4455	Insights into the human mesenchymal stromal/stem cell identity through integrative transcriptomic profiling. <i>BMC Genomics</i> , 2016, 17, 944.	1.2	55
4456	Isolation and morphological characterization of ovine amniotic fluid mesenchymal stem cells. <i>Experimental Animals</i> , 2016, 65, 125-134.	0.7	16
4457	Comparative proteomic analysis of extracellular vesicles isolated from porcine adipose tissue-derived mesenchymal stem/stromal cells. <i>Scientific Reports</i> , 2016, 6, 36120.	1.6	112

#	ARTICLE	IF	CITATIONS
4458	Regenerative efficacy of mesenchymal stromal cells from human placenta in sensorineural hearing loss. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 91, 72-81.	0.4	27
4459	Comprehensive transcriptomic and proteomic characterization of human mesenchymal stem cells reveals source specific cellular markers. <i>Scientific Reports</i> , 2016, 6, 21507.	1.6	101
4460	Quantitative non-invasive cell characterisation and discrimination based on multispectral autofluorescence features. <i>Scientific Reports</i> , 2016, 6, 23453.	1.6	73
4461	Mesenchymal Stem/Stromal Cells in Regenerative Medicine: Can Preconditioning Strategies Improve Therapeutic Efficacy. <i>Transfusion Medicine and Hemotherapy</i> , 2016, 43, 256-267.	0.7	105
4462	Application of Bone Marrow-Derived Mesenchymal Stem Cells in the Treatment of Intrauterine Adhesions in Rats. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 1553-1560.	1.1	83
4463	C�lulas madre y progenitoras para la reparaci�n de cart�lago articular. <i>Revista Latinoamericana De Cirug�a Ortop�dica</i> , 2016, 1, 66-76.	0.0	2
4464	MiR-708 promotes steroid-induced osteonecrosis of femoral head, suppresses osteogenic differentiation by targeting SMAD3. <i>Scientific Reports</i> , 2016, 6, 22599.	1.6	84
4467	Adipose Stem Cells Display Higher Regenerative Capacities and More Adaptable Electro-Kinetic Properties Compared to Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Scientific Reports</i> , 2016, 6, 37801.	1.6	73
4468	Comparative analysis of the immunomodulatory capacities of human bone marrow�� and adipose tissue�� derived mesenchymal stromal cells from the same donor. <i>Cytotherapy</i> , 2016, 18, 1297-1311.	0.3	73
4469	Interactions Between Multipotential Stromal Cells (MSCs) and Immune Cells During Bone Healing. <i>Pancreatic Islet Biology</i> , 2016, , 179-211.	0.1	0
4470	Multipotent mesenchymal stromal cell sheet therapy for bisphosphonate-related osteonecrosis of the jaw in a rat model. <i>Acta Biomaterialia</i> , 2016, 42, 400-410.	4.1	60
4471	The adipose tissue of origin influences the biological potential of human adipose stromal cells isolated from mediastinal and subcutaneous fat depots. <i>Stem Cell Research</i> , 2016, 17, 342-351.	0.3	27
4472	The lncRNA HOTAIR impacts on mesenchymal stem cells via triple helix formation. <i>Nucleic Acids Research</i> , 2016, 44, 10631-10643.	6.5	141
4473	A reduction in CD90 (THY-1) expression results in increased differentiation of mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 97.	2.4	136
4474	Human Umbilical Cord-Derived Mesenchymal Stromal Cells Improve Left Ventricular Function, Perfusion, and Remodeling in a Porcine Model of Chronic Myocardial Ischemia. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1004-1013.	1.6	82
4475	Bone Marrow Stromal Stem Cells for Bone Repair: Basic and Translational Aspects. <i>Pancreatic Islet Biology</i> , 2016, , 213-232.	0.1	4
4476	Conditioned media from differentiating craniofacial bone marrow stromal cells influence mineralization and proliferation in periodontal ligament stem cells. <i>Human Cell</i> , 2016, 29, 162-175.	1.2	7
4477	Differential Effects of Small Molecule WNT Agonists on the Multilineage Differentiation Capacity of Human Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2016, 22, 1264-1273.	1.6	30

#	ARTICLE	IF	CITATIONS
4479	Intra-Articular Cellular Therapy for Osteoarthritis and Focal Cartilage Defects of the Knee. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1511-1521.	1.4	98
4480	Isolation of autologous adipose tissue-derived mesenchymal stem cells for bone repair. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2016, 102, 909-912.	0.9	35
4481	The Chondrogenic Potential of Progenitor Cells Derived from Peripheral Blood: A Systematic Review. <i>Stem Cells and Development</i> , 2016, 25, 1195-1207.	1.1	15
4482	Production of Pigs by Hand-Made Cloning Using Mesenchymal Stem Cells and Fibroblasts. <i>Cellular Reprogramming</i> , 2016, 18, 256-263.	0.5	11
4483	The Relative Functionality of Freshly Isolated and Cryopreserved Human Adipose-Derived Stromal/Stem Cells. <i>Cells Tissues Organs</i> , 2016, 201, 436-444.	1.3	13
4484	Chondrocytes Derived From Mesenchymal Stromal Cells and Induced Pluripotent Cells of Patients With Familial Osteochondritis Dissecans Exhibit an Endoplasmic Reticulum Stress Response and Defective Matrix Assembly. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1171-1181.	1.6	32
4485	Mesenchymal Stromal Cells are Readily Recoverable from Lung Tissue, but not the Alveolar Space, in Healthy Humans. <i>Stem Cells</i> , 2016, 34, 2548-2558.	1.4	25
4486	Mesenchymal stem cells as a double-edged sword in suppression or progression of solid tumor cells. <i>Tumor Biology</i> , 2016, 37, 11679-11689.	0.8	63
4487	Characterization of intercellular communication and mitochondrial donation by mesenchymal stromal cells derived from the human lung. <i>Stem Cell Research and Therapy</i> , 2016, 7, 91.	2.4	94
4488	Stem cell therapy emerging as the key player in treating type 1 diabetes mellitus. <i>Cytotherapy</i> , 2016, 18, 1077-1086.	0.3	32
4489	Autophagy Improves the Immunosuppression of CD4+ T Cells by Mesenchymal Stem Cells Through Transforming Growth Factor- β 1. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1496-1505.	1.6	44
4490	Influence of Bone and Muscle Injuries on the Osteogenic Potential of Muscle Progenitors: Contribution of Tissue Environment to Heterotopic Ossification. <i>Stem Cells Translational Medicine</i> , 2016, 5, 745-753.	1.6	15
4491	Serum miRNA Signatures Are Indicative of Skeletal Fractures in Postmenopausal Women With and Without Type 2 Diabetes and Influence Osteogenic and Adipogenic Differentiation of Adipose Tissue-Derived Mesenchymal Stem Cells In Vitro. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 2173-2192.	3.1	115
4492	Therapeutic Use of Human Amnion-Derived Products: Cell-Based Therapy for Liver Disease. <i>Current Pathobiology Reports</i> , 2016, 4, 157-167.	1.6	11
4493	Ensuring the Quality of Stem Cell-Derived In Vitro Models for Toxicity Testing. <i>Advances in Experimental Medicine and Biology</i> , 2016, 856, 259-297.	0.8	7
4494	Bone marrow-derived CD34 ⁺ fraction: A rich source of mesenchymal stromal cells for clinical application. <i>Cytotherapy</i> , 2016, 18, 1560-1563.	0.3	11
4495	Harvesting and Collection of Adipose Tissue for the Isolation of Adipose-Derived Stromal/Stem Cells. <i>Stem Cells in Clinical Applications</i> , 2016, , 199-220.	0.4	1
4496	A Simple, Rapid, and Efficient Method for Isolating Mesenchymal Stem Cells From the Entire Umbilical Cord. <i>Cell Transplantation</i> , 2016, 25, 1287-1297.	1.2	21

#	ARTICLE	IF	CITATIONS
4497	Transendothelial migration of human umbilical mesenchymal stem cells across uterine endothelial monolayers: Junctional dynamics and putative mechanisms. <i>Placenta</i> , 2016, 48, 87-98.	0.7	5
4498	Cryopreservation and Banking of Dental Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2016, 951, 199-235.	0.8	25
4499	Chondrogenic commitment of human umbilical cord blood-derived mesenchymal stem cells in collagen matrices for cartilage engineering. <i>Scientific Reports</i> , 2016, 6, 32786.	1.6	48
4500	Cryopreserved Adipose Tissue-Derived Stromal/Stem Cells: Potential for Applications in Clinic and Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2016, 951, 137-146.	0.8	16
4501	Fundamental Principles of Stem Cell Banking. <i>Advances in Experimental Medicine and Biology</i> , 2016, 951, 31-45.	0.8	20
4502	Characterisation of synovial fluid and infrapatellar fat pad derived mesenchymal stromal cells: The influence of tissue source and inflammatory stimulus. <i>Scientific Reports</i> , 2016, 6, 24295.	1.6	56
4503	Interferon- β alters the microRNA profile of umbilical cord-derived mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2016, 14, 4187-4197.	1.1	6
4504	Isolation and Characterization of Adipose-Derived Stromal Cells. <i>Stem Cells in Clinical Applications</i> , 2016, , 131-161.	0.4	2
4505	GC-Rich DNA Fragments and Oxidized Cell-Free DNA Have Different Effects on NF- κ B and NRF2 Signaling in MSC. <i>Advances in Experimental Medicine and Biology</i> , 2016, 924, 109-112.	0.8	3
4506	Immunosuppressive Properties of Mesenchymal Stem Cells. <i>Current Transplantation Reports</i> , 2016, 3, 348-357.	0.9	3
4507	Stem Cell Considerations for the Clinician. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2016, 27, 855-870.	0.7	7
4508	Performing a Better Bone Marrow Aspiration. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2016, 27, 919-939.	0.7	27
4509	UV Cross-Linkable Graphene/Poly(trimethylene Carbonate) Composites for 3D Printing of Electrically Conductive Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31916-31925.	4.0	65
4510	Efficacy of umbilical cord-derived mesenchymal stem cell-based therapy for osteonecrosis of the femoral head: A three-year follow-up study. <i>Molecular Medicine Reports</i> , 2016, 14, 4209-4215.	1.1	47
4511	Fibroblast Growth Factor-10 (FGF-10) Mobilizes Lung-resident Mesenchymal Stem Cells and Protects Against Acute Lung Injury. <i>Scientific Reports</i> , 2016, 6, 21642.	1.6	55
4512	Mesenchymal stem cell-based treatments for stroke, neural trauma, and heat stroke. <i>Brain and Behavior</i> , 2016, 6, e00526.	1.0	87
4513	Inflammatory response to dextrin-based hydrogel associated with human mesenchymal stem cells, urinary bladder matrix and Bonelike [®] granules in rat subcutaneous implants. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 065004.	1.7	12
4514	MSCS in Scenarios of Infection and Inflammation: Focus on Neonatal Diseases. <i>Current Stem Cell Reports</i> , 2016, 2, 158-167.	0.7	1

#	ARTICLE	IF	CITATIONS
4515	Endometriosis and Stem Cell Trafficking. <i>Reproductive Sciences</i> , 2016, 23, 1616-1619.	1.1	49
4516	Human mesenchymal stem cells (MSCs) for treatment towards immune- and inflammation-mediated diseases: review of current clinical trials. <i>Journal of Biomedical Science</i> , 2016, 23, 76.	2.6	258
4517	Intra-articular injection of two different doses of autologous bone marrow mesenchymal stem cells versus hyaluronic acid in the treatment of knee osteoarthritis: multicenter randomized controlled clinical trial (phase I/II). <i>Journal of Translational Medicine</i> , 2016, 14, 246.	1.8	238
4518	Regeneration patterns influence hindlimb automutilation after sciatic nerve repair using stem cells in rats. <i>Neuroscience Letters</i> , 2016, 634, 153-159.	1.0	14
4519	Mesenchymal stromal cell therapy for the treatment of intestinal ischemia: Defining the optimal cell isolate for maximum therapeutic benefit. <i>Cytotherapy</i> , 2016, 18, 1457-1470.	0.3	14
4525	A vector platform for the rapid and efficient engineering of stable complex transgenes. <i>Scientific Reports</i> , 2016, 6, 34365.	1.6	14
4526	Interaction of MSC with tumor cells. <i>Cell Communication and Signaling</i> , 2016, 14, 20.	2.7	154
4527	Stretching human mesenchymal stromal cells on stiffness-customized collagen type I generates a smooth muscle marker profile without growth factor addition. <i>Scientific Reports</i> , 2016, 6, 35840.	1.6	25
4528	Mesenchymal Stem Cells in Clinical Applications. <i>Stem Cells in Clinical Applications</i> , 2016, , 37-69.	0.4	7
4529	The Effects of Ageing on Proliferation Potential, Differentiation Potential and Cell Surface Characterisation of Human Mesenchymal Stem Cells. <i>Stem Cells in Clinical Applications</i> , 2016, , 99-106.	0.4	9
4530	Production of Clinical-Grade Mesenchymal Stem Cells. <i>Stem Cells in Clinical Applications</i> , 2016, , 107-129.	0.4	1
4531	Generation of Human Islet Progenitor Cells via Epithelial-to-Mesenchymal Transition. <i>Pancreatic Islet Biology</i> , 2016, , 217-240.	0.1	1
4532	Porous microscaffolds for 3D culture of dental pulp mesenchymal stem cells. <i>International Journal of Pharmaceutics</i> , 2016, 515, 555-564.	2.6	21
4533	The roles of immune cells in bone healing; what we know, do not know and future perspectives. <i>Injury</i> , 2016, 47, 2399-2406.	0.7	65
4534	Genetically modified mesenchymal stromal cells in cancer therapy. <i>Cytotherapy</i> , 2016, 18, 1435-1445.	0.3	96
4535	Mesenchymal stem cells maintain their defining stem cell characteristics after treatment with cisplatin. <i>Scientific Reports</i> , 2016, 6, 20035.	1.6	33
4536	Combinations of Osmolytes, Including Monosaccharides, Disaccharides, and Sugar Alcohols Act in Concert During Cryopreservation to Improve Mesenchymal Stromal Cell Survival. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 999-1008.	1.1	45
4537	Use of mesenchymal stromal cells in hematopoietic stem cell transplantation. <i>Journal of Hematopoietic Cell Transplantation</i> , 2016, 5, 27-34.	0.1	0

#	ARTICLE	IF	CITATIONS
4538	Participation of mesenchymal stem cells in the regulation of immune response and cancer development. <i>Boletín Médico Del Hospital Infantil De México (English Edition)</i> , 2016, 73, 380-387.	0.0	2
4539	Adipose-derived stem cells: a review of osteogenesis differentiation. <i>Acta Universitatis Lodziensis Folia Biologica Et Oecologica</i> , 0, 12, 38-47.	1.0	4
4540	Isolation and Expansion of Mesenchymal Stem/Stromal Cells Derived from Human Placenta Tissue. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	56
4541	Mesenchymal stem cells to treat diabetic neuropathy: a long and strenuous way from bench to the clinic. <i>Cell Death Discovery</i> , 2016, 2, 16055.	2.0	33
4542	Impact of the source and serial passaging of goat mesenchymal stem cells on osteogenic differentiation potential: implications for bone tissue engineering. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 16.	2.1	28
4543	Xenogeneic Mesenchymal Stromal Cells Improve Wound Healing and Modulate the Immune Response in an Extensive Burn Model. <i>Cell Transplantation</i> , 2016, 25, 201-215.	1.2	50
4544	Discrete adipose-derived stem cell subpopulations may display differential functionality after in vitro expansion despite convergence to a common phenotype distribution. <i>Stem Cell Research and Therapy</i> , 2016, 7, 177.	2.4	29
4545	Involvement of hepatic macrophages in the antifibrotic effect of IGF-I-overexpressing mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 172.	2.4	22
4546	Generation of Organ-conditioned Media and Applications for Studying Organ-specific Influences on Breast Cancer Metastatic Behavior. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	2
4547	Differentiation of bone marrow-derived mesenchymal stem cells in diabetic patients into islet-like insulin-producing cells. <i>Egyptian Journal of Pathology</i> , 2016, 36, 87-94.	0.0	1
4548	Human Adipose-Derived Stem Cells on Rapid Prototyped Three-Dimensional Hydroxyapatite/Beta-Tricalcium Phosphate Scaffold. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 727-732.	0.3	8
4549	Mesenchymal stem cells from cortical bone demonstrate increased clonal incidence, potency, and developmental capacity compared to their bone marrow-derived counterparts. <i>Journal of Tissue Engineering</i> , 2016, 7, 204173141666119.	2.3	18
4550	The Antiaging Gene <i>Klotho</i> Regulates Proliferation and Differentiation of Adipose-Derived Stem Cells. <i>Stem Cells</i> , 2016, 34, 1615-1625.	1.4	51
4551	Comparative Characterization of Human and Equine Mesenchymal Stromal Cells: A Basis for Translational Studies in the Equine Model. <i>Cell Transplantation</i> , 2016, 25, 109-124.	1.2	39
4552	Cardiomyogenic differentiation of human sternal bone marrow mesenchymal stem cells using a combination of basic fibroblast growth factor and hydrocortisone. <i>Cell Biology International</i> , 2016, 40, 55-64.	1.4	21
4553	Identification of a distinct subpopulation of fibroblasts from murine dermis: CD73 ⁺ CD105 ⁺ as potential marker of dermal fibroblasts subset with multipotency. <i>Cell Biology International</i> , 2016, 40, 1008-1016.	1.4	10
4554	Isolation of Human Amnion Epithelial Cells According to Current Good Manufacturing Procedures. <i>Current Protocols in Stem Cell Biology</i> , 2016, 37, 1E.10.1-1E.10.13.	3.0	34
4555	Ultrastructural study of mouse adipose-derived stromal cells induced towards osteogenic direction. <i>Microscopy Research and Technique</i> , 2016, 79, 557-564.	1.2	5

#	ARTICLE	IF	CITATIONS
4556	Adipose stem cells differentiated chondrocytes regenerate damaged cartilage in rat model of osteoarthritis. <i>Cell Biology International</i> , 2016, 40, 579-588.	1.4	28
4557	Quality and exploitation of umbilical cord blood for cell therapy: Are we beyond our capabilities?. <i>Developmental Dynamics</i> , 2016, 245, 710-717.	0.8	6
4558	Ultrasoundâ€guided lipoaspiration for mesenchymal stromal cell harvest in the horse. <i>Equine Veterinary Education</i> , 2016, 28, 23-29.	0.3	3
4559	Conditioned umbilical cord tissue provides a natural three-dimensional storage compartment as in vitro stem cell niche for human mesenchymal stroma/stem cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 28.	2.4	22
4560	CoCl ₂ Administration to Vascular MSC Cultures as an In Vitro Hypoxic System to Study Stem Cell Survival and Angiogenesis. <i>Methods in Molecular Biology</i> , 2016, 1516, 309-317.	0.4	6
4561	The effect of fetal rat brain extract on morphology of bone marrow-derived mesenchymal stem cells. <i>Comparative Clinical Pathology</i> , 2016, 25, 343-349.	0.3	3
4562	Protein phosphatase 2A plays an important role in migration of bone marrow stroma cells. <i>Molecular and Cellular Biochemistry</i> , 2016, 412, 173-180.	1.4	10
4563	Striated muscle function, regeneration, and repair. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4175-4202.	2.4	71
4564	Angiogenic Potential of Multipotent Stromal Cells from the Umbilical Cord: an In Vitro Study. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 161, 141-149.	0.3	2
4565	Bone regeneration strategies with bone marrow stromal cells in orthopaedic surgery. <i>Current Research in Translational Medicine</i> , 2016, 64, 83-90.	1.2	68
4566	Bone tissue engineering using polyetherketoneketone scaffolds combined with autologous mesenchymal stem cells in a sheep calvarial defect model. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 985-994.	0.7	60
4567	Harnessing mesenchymal stem cell homing as an anticancer therapy. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 1079-1092.	1.4	36
4568	Finding a new therapeutic approach for no-option Parkinsonisms: mesenchymal stromal cells for progressive supranuclear palsy. <i>Journal of Translational Medicine</i> , 2016, 14, 127.	1.8	41
4569	The Effect of Purified Human Bone Marrowâ€Derived Mesenchymal Stem Cells on Rotator Cuff Tendon Healing in an Athymic Rat. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 2435-2443.	1.3	47
4570	The effect of pro-inflammatory cytokines on immunophenotype, differentiation capacity and immunomodulatory functions of human mesenchymal stem cells. <i>Cytokine</i> , 2016, 85, 51-60.	1.4	101
4571	In vitro biocompatibility of ICONÂ® and TEGDMA on human dental pulp stem cells. <i>Dental Materials</i> , 2016, 32, 1052-1064.	1.6	19
4572	No Identical â€Mesenchymal Stem Cellsâ€at Different Times and Sites: Human Committed Progenitors of Distinct Origin and Differentiation Potential Are Incorporated as Adventitial Cells in Microvessels. <i>Stem Cell Reports</i> , 2016, 6, 897-913.	2.3	378
4573	Mesenchymal Stromal/Stem Cells Do Not Ameliorate Experimental Autoimmune Encephalomyelitis and Are Not Detectable in the Central Nervous System of Transplanted Mice. <i>Stem Cells and Development</i> , 2016, 25, 1134-1148.	1.1	17

#	ARTICLE	IF	CITATIONS
4574	Large-Scale Mesenchymal Stem/Stromal Cell Expansion: A Visualization Tool for Bioprocess Comparison. <i>Tissue Engineering - Part B: Reviews</i> , 2016, 22, 485-498.	2.5	22
4575	Multipotency and cardiomyogenic potential of human adipose-derived stem cells from epicardium, pericardium, and omentum. <i>Stem Cell Research and Therapy</i> , 2016, 7, 84.	2.4	38
4576	Rebuilding the Damaged Heart: Mesenchymal Stem Cells, Cell-Based Therapy, and Engineered Heart Tissue. <i>Physiological Reviews</i> , 2016, 96, 1127-1168.	13.1	251
4577	Adipose-Derived Stromal Cells from Lipomas: Isolation, Characterisation and Review of the Literature. <i>Pathobiology</i> , 2016, 83, 258-266.	1.9	18
4578	Médecine régénérative de la gonarthrose: mythe ou réalité?. <i>Revue Du Rhumatisme Monographies</i> , 2016, 83, 162-165.	0.0	0
4579	Early Passage Dependence of Mesenchymal Stem Cell Mechanics Influences Cellular Invasion and Migration. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2123-2131.	1.3	7
4580	Association of expression levels of pluripotency/stem cell markers with the differentiation outcome of Wharton's jelly mesenchymal stem cells into insulin producing cells. <i>Biochimie</i> , 2016, 127, 187-195.	1.3	7
4581	Clinical-scale expansion of mesenchymal stromal cells: a large banking experience. <i>Journal of Translational Medicine</i> , 2016, 14, 145.	1.8	118
4582	Aging enhances the vulnerability of mesenchymal stromal cells to uniaxial tensile strain-induced apoptosis. <i>Journal of Biomechanics</i> , 2016, 49, 458-462.	0.9	2
4583	Isolation and characterization of human gingiva-derived mesenchymal stem cells using limiting dilution method. <i>Journal of Dental Sciences</i> , 2016, 11, 304-314.	1.2	31
4584	Harvest tissue source does not alter the protective power of stromal cell therapy after intestinal ischemia and reperfusion injury. <i>Journal of Surgical Research</i> , 2016, 204, 361-370.	0.8	22
4585	Experimental induction of reparative morphogenesis and adaptive reserves in the ischemic myocardium using multipotent mesenchymal bone marrow-derived stem cells. <i>Pathophysiology</i> , 2016, 23, 95-104.	1.0	14
4586	Added effects of dexamethasone and mesenchymal stem cells on early Natural Killer cell activation. <i>Transplant Immunology</i> , 2016, 37, 1-9.	0.6	26
4587	Mesenchymal Stromal Cells in Hematopoietic Stem Cell Transplantation. <i>Methods in Molecular Biology</i> , 2016, 1416, 3-20.	0.4	9
4588	Mesenchymal Stem Cells in Kidney Repair. <i>Methods in Molecular Biology</i> , 2016, 1416, 89-107.	0.4	43
4589	Indoleamine 2,3-dioxygenase mediates inhibition of virus-specific CD8+ T cell proliferation by human mesenchymal stromal cells. <i>Cytotherapy</i> , 2016, 18, 621-629.	0.3	24
4590	In vitro comparative analysis of human dental stem cells from a single donor and its neuronal differentiation potential evaluated by electrophysiology. <i>Life Sciences</i> , 2016, 154, 39-51.	2.0	49
4591	Comparison of capacities to maintain hematopoietic stem cells among different types of stem cells derived from the placenta and umbilical cord. <i>Regenerative Therapy</i> , 2016, 4, 48-61.	1.4	5

#	ARTICLE	IF	CITATIONS
4592	MSC surface markers (CD44, CD73, and CD90) can identify human MSC-derived extracellular vesicles by conventional flow cytometry. <i>Cell Communication and Signaling</i> , 2016, 14, 2.	2.7	221
4593	Human endometrial regenerative cells attenuate renal ischemia reperfusion injury in mice. <i>Journal of Translational Medicine</i> , 2016, 14, 28.	1.8	42
4594	BET protein inhibitor JQ1 inhibits growth and modulates WNT signaling in mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 22.	2.4	44
4595	Comparative study of equine mesenchymal stem cells from healthy and injured synovial tissues: an in vitro assessment. <i>Stem Cell Research and Therapy</i> , 2016, 7, 35.	2.4	33
4596	Role of VEGF-A in angiogenesis promoted by umbilical cord-derived mesenchymal stromal/stem cells: in vitro study. <i>Stem Cell Research and Therapy</i> , 2016, 7, 46.	2.4	57
4597	LL-37 stimulates the functions of adipose-derived stromal/stem cells via early growth response 1 and the MAPK pathway. <i>Stem Cell Research and Therapy</i> , 2016, 7, 58.	2.4	51
4598	Mesenchymal stem/stromal cellsâ€”a key mediator for regeneration after perinatal morbidity?. <i>Molecular and Cellular Pediatrics</i> , 2016, 3, 6.	1.0	15
4599	Guidelines for Preclinical Development. , 2016, , 51-82.		0
4600	Dental and Craniofacial Tissue Stem Cells: Sources and Tissue Engineering Applications. <i>Pancreatic Islet Biology</i> , 2016, , 1-27.	0.1	0
4601	Dental Stem Cells in Oral, Maxillofacial and Craniofacial Regeneration. <i>Pancreatic Islet Biology</i> , 2016, , 143-165.	0.1	4
4602	Fortune Favors the Prepared. <i>Circulation Research</i> , 2016, 118, 908-910.	2.0	0
4603	Three-dimensional polymer coated 45S5-type bioactive glass scaffolds seeded with human mesenchymal stem cells show bone formation in vivo. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 119.	1.7	48
4604	Vascular stem cellsâ€”potential for clinical application. <i>British Medical Bulletin</i> , 2016, 118, 127-137.	2.7	4
4605	Tendon-Derived Stem Cells for Rotator Cuff Repair. <i>Operative Techniques in Orthopaedics</i> , 2016, 26, 147-154.	0.2	3
4606	Immunophenotypic characterization of ovine mesenchymal stem cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 443-450.	1.1	24
4607	Comparing the effects of MSCs and CD34+ cell therapy in a rat model of myocardial infarction. <i>IUBMB Life</i> , 2016, 68, 343-354.	1.5	9
4608	Tuning microenvironment modulus and biochemical composition promotes human mesenchymal stem cell tenogenic differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1162-1174.	2.1	47
4609	DMSOâ€”and Serumâ€”Free Cryopreservation of Wharton's Jelly Tissue Isolated From Human Umbilical Cord. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2397-2412.	1.2	46

#	ARTICLE	IF	CITATIONS
4610	Osteogenic Potential of Human Oral Periosteal Cells (PCs) Isolated From Different Oral Origin: An In Vitro Study. <i>Journal of Cellular Physiology</i> , 2016, 231, 607-612.	2.0	20
4611	The Impact of Epigenetics on Mesenchymal Stem Cell Biology. <i>Journal of Cellular Physiology</i> , 2016, 231, 2393-2401.	2.0	49
4612	Immune modulatory mesenchymal stem cells derived from human embryonic stem cells through a trophoblast-like stage. <i>Stem Cells</i> , 2016, 34, 380-391.	1.4	55
4613	The immunosuppressive signature of menstrual blood mesenchymal stem cells entails opposite effects on experimental arthritis and graft versus host diseases. <i>Stem Cells</i> , 2016, 34, 456-469.	1.4	69
4614	Murine Mesenchymal Stem Cell Commitment to Differentiation Is Regulated by Mitochondrial Dynamics. <i>Stem Cells</i> , 2016, 34, 743-755.	1.4	164
4615	Growth characteristics and expression of CD73 and CD146 in cells cultured from dental pulp. <i>Journal of Investigative and Clinical Dentistry</i> , 2016, 7, 278-285.	1.8	5
4616	The human and murine hematopoietic stem cell niches: are they comparable?. <i>Annals of the New York Academy of Sciences</i> , 2016, 1370, 55-64.	1.8	15
4617	Effects of Human Fibroblast-Derived Extracellular Matrix on Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 560-572.	5.6	18
4618	Grid-like surface structures in thermoplastic polyurethane induce anti-inflammatory and anti-fibrotic processes in bone marrow-derived mesenchymal stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 104-115.	2.5	13
4619	Wharton's jelly mesenchymal stromal cells have contrasting effects on proliferation and phenotype of cancer stem cells from different subtypes of lung cancer. <i>Experimental Cell Research</i> , 2016, 345, 190-198.	1.2	27
4620	Placental Stem Cells and Culture Methods. <i>Pancreatic Islet Biology</i> , 2016, , 277-292.	0.1	1
4621	Regenerative Medicine and Tissue Engineering in Reproductive Medicine. , 2016, , 139-151.		0
4622	Closure of a Recurrent Bronchopleural Fistula Using a Matrix Seeded With Patient-Derived Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1375-1379.	1.6	28
4623	A Patient-Inspired Ex Vivo Liver Tissue Engineering Approach with Autologous Mesenchymal Stem Cells and Hepatogenic Serum. <i>Advanced Healthcare Materials</i> , 2016, 5, 1058-1070.	3.9	25
4624	Stirred tank bioreactor culture combined with serum-free culture medium enables an efficient expansion of umbilical cord-derived mesenchymal stem/stromal cells. <i>Biotechnology Journal</i> , 2016, 11, 1048-1059.	1.8	56
4625	The Potential of Mesenchymal Stromal Cells as Treatment for Severe Steroid-Refractory Acute Graft-Versus-Host Disease. <i>Transplantation</i> , 2016, 100, 2309-2314.	0.5	66
4626	Effects of low oxygen tension on gene profile of soluble growth factors in cocultured adipose-derived stromal cells and chondrocytes. <i>Cell Proliferation</i> , 2016, 49, 341-351.	2.4	43
4627	Comparison of fetal cartilage-derived progenitor cells isolated at different developmental stages in a rat model. <i>Development Growth and Differentiation</i> , 2016, 58, 167-179.	0.6	14

#	ARTICLE	IF	CITATIONS
4628	The dental pulp stem cell niche based on aldehyde dehydrogenase 1 expression. International Endodontic Journal, 2016, 49, 755-763.	2.3	28
4629	Sequential cultivation of human epidermal keratinocytes and dermal mesenchymal like stromal cells in vitro. Cytotechnology, 2016, 68, 1009-1018.	0.7	7
4630	Fetal heart extract facilitates the differentiation of human umbilical cord blood-derived mesenchymal stem cells into heart muscle precursor cells. Cytotechnology, 2016, 68, 645-658.	0.7	12
4631	Design and characterization of a biodegradable double-layer scaffold aimed at periodontal tissue-engineering applications. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, 392-403.	1.3	30
4632	Phenotypical and functional characteristics of mesenchymal stem cells derived from equine umbilical cord blood. Cytotechnology, 2016, 68, 795-807.	0.7	10
4633	Stem Cells in Wound Healing: The Future of Regenerative Medicine? A Mini-Review. Gerontology, 2016, 62, 216-225.	1.4	226
4634	MicroRNA regulation of stem cell differentiation and diseases of the bone and adipose tissue: Perspectives on miRNA biogenesis and cellular transcriptome. Biochimie, 2016, 124, 98-111.	1.3	64
4635	Isolation, Characterization, and Differentiation of Dental Pulp Stem Cells in Ferrets. Journal of Endodontics, 2016, 42, 418-424.	1.4	18
4636	Taking a bite out of spinal cord injury: do dental stem cells have the teeth for it?. Cellular and Molecular Life Sciences, 2016, 73, 1413-1437.	2.4	22
4637	miR-29c-3p promotes senescence of human mesenchymal stem cells by targeting CNOT6 through p53 and p21 and p16 pathways. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 520-532.	1.9	41
4638	Mechanical signals promote osteogenic fate through a primary cilia-mediated mechanism. FASEB Journal, 2016, 30, 1504-1511.	0.2	76
4639	The effects of hypoxia and serum-free conditions on the stemness properties of human adipose-derived stem cells. Cytotechnology, 2016, 68, 1859-1872.	0.7	19
4640	Human amniotic fluid: a source of stem cells for possible therapeutic use. American Journal of Obstetrics and Gynecology, 2016, 214, 321-327.	0.7	39
4641	Mesenchymal stromal cells and immunomodulation: A gathering of regulatory immune cells. Cytotherapy, 2016, 18, 160-171.	0.3	210
4642	An Overview of Protocols for the Neural Induction of Dental and Oral Stem Cells <i>In Vitro</i> . Tissue Engineering - Part B: Reviews, 2016, 22, 220-250.	2.5	49
4643	Final results of a phase II trial using ex vivo expanded autologous Mesenchymal Stromal Cells for the treatment of osteoarthritis of the knee confirming safety and suggesting cartilage regeneration. Knee, 2016, 23, 647-654.	0.8	139
4644	Immunomodulatory effect of mesenchymal stem cells on the immune response of macrophages stimulated by <i>Aspergillus fumigatus</i> conidia. Medical Mycology, 2016, 54, 377-383.	0.3	10
4645	Adipose-Derived Stem Cells. , 2016, , 119-135.		1

#	ARTICLE	IF	CITATIONS
4646	Proinflammatory T cells and IL-17 stimulate osteoblast differentiation. <i>Bone</i> , 2016, 84, 262-270.	1.4	147
4647	Comparison of molecular profiles of human mesenchymal stem cells derived from bone marrow, umbilical cord blood, placenta and adipose tissue. <i>International Journal of Molecular Medicine</i> , 2016, 37, 115-125.	1.8	332
4648	Separation of Mesenchymal Stem Cells Through a Strategic Centrifugation Protocol. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 348-359.	1.1	2
4649	Human umbilical cord blood derived mesenchymal stem cells improve cardiac function in cTnTR141W transgenic mouse of dilated cardiomyopathy. <i>European Journal of Cell Biology</i> , 2016, 95, 57-67.	1.6	28
4650	Neurosphere formation enhances the neurogenic differentiation potential and migratory ability of umbilical cord-mesenchymal stromal cells. <i>Cytotherapy</i> , 2016, 18, 229-241.	0.3	36
4651	Comparison of clinical grade human platelet lysates for cultivation of mesenchymal stromal cells from bone marrow and adipose tissue. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2016, 76, 93-104.	0.6	42
4652	Isolation and proliferation of umbilical cord tissue derived mesenchymal stem cells for clinical applications. <i>Cell and Tissue Banking</i> , 2016, 17, 289-302.	0.5	61
4653	Isolation and Characterization of Human Dental Pulp Stem Cells from Cryopreserved Pulp Tissues Obtained from Teeth with Irreversible Pulpitis. <i>Journal of Endodontics</i> , 2016, 42, 76-81.	1.4	29
4654	Regulating the stemness of mesenchymal stem cells by tuning micropattern features. <i>Journal of Materials Chemistry B</i> , 2016, 4, 37-45.	2.9	111
4655	Fabrication of tissue-engineered vascular grafts with stem cells and stem cell-derived vascular cells. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 317-330.	1.4	20
4656	Adipogenic Mesenchymal Stromal Cells from Bone Marrow and Their Hematopoietic Supportive Role: Towards Understanding the Permissive Marrow Microenvironment in Acute Myeloid Leukemia. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 235-244.	5.6	34
4657	Evaluation of a cell-banking strategy for the production of clinical grade mesenchymal stromal cells from Wharton's jelly. <i>Cytotherapy</i> , 2016, 18, 25-35.	0.3	45
4658	Overcoming immunoregulatory plasticity of mesenchymal stem cells for accelerated clinical applications. <i>International Journal of Hematology</i> , 2016, 103, 129-137.	0.7	61
4659	Exosomes from human mesenchymal stem cells conduct aerobic metabolism in term and preterm newborn infants. <i>FASEB Journal</i> , 2016, 30, 1416-1424.	0.2	63
4660	Pluripotent Stem Cells from Domesticated Mammals. <i>Annual Review of Animal Biosciences</i> , 2016, 4, 223-253.	3.6	85
4661	Engraftability of Murine Bone Marrow-Derived Multipotent Mesenchymal Stem Cell Subpopulations in the Tissues of Developing Mice following Systemic Transplantation. <i>Cells Tissues Organs</i> , 2016, 201, 14-25.	1.3	9
4662	The efficacy of extraembryonic stem cells in improving blood flow within animal models of lower limb ischaemia. <i>Heart</i> , 2016, 102, 69-74.	1.2	4
4663	Umbilical Cord Mesenchymal Stromal Cell With Autologous Bone Marrow Cell Transplantation in Established Type 1 Diabetes: A Pilot Randomized Controlled Open-Label Clinical Study to Assess Safety and Impact on Insulin Secretion. <i>Diabetes Care</i> , 2016, 39, 149-157.	4.3	139

#	ARTICLE	IF	CITATIONS
4664	Vitamin C stimulates human gingival stem cell proliferation and expression of pluripotent markers. In <i>Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 218-227.	0.7	23
4665	Immunoregulatory effects on T lymphocytes by human mesenchymal stromal cells isolated from bone marrow, amniotic fluid, and placenta. <i>Experimental Hematology</i> , 2016, 44, 138-150.e1.	0.2	71
4666	Methods of ex vivo expansion of human cord blood cells: challenges, successes and clinical implications. <i>Expert Review of Hematology</i> , 2016, 9, 297-314.	1.0	34
4667	Evaluation of a monitored multiplate bioreactor for large-scale expansion of human periosteum derived stem cells for bone tissue engineering applications. <i>Biochemical Engineering Journal</i> , 2016, 108, 58-68.	1.8	25
4668	Canine and Equine Mesenchymal Stem Cells Grown in Serum Free Media Have Altered Immunophenotype. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 245-256.	5.6	47
4669	Upregulation of proangiogenic factors expression in the synovium of temporomandibular joint condylar hyperplasia. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, e65-e71.	0.2	6
4670	Bone marrow-derived mesenchymal stromal cells differ in their attachment to fibronectin-derived peptides from term placenta-derived mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 29.	2.4	13
4671	Mesenchymal Stem Cells Promote Pancreatic Tumor Growth by Inducing Alternative Polarization of Macrophages. <i>Neoplasia</i> , 2016, 18, 142-151.	2.3	91
4672	Stem cell-based therapies for the newborn lung and brain: Possibilities and challenges. <i>Seminars in Perinatology</i> , 2016, 40, 138-151.	1.1	64
4673	Enhanced expression of hepatocyte-specific microRNAs in valproic acid mediated hepatic trans-differentiation of human umbilical cord derived mesenchymal stem cells. <i>Experimental Cell Research</i> , 2016, 343, 237-247.	1.2	25
4674	Choice of xenogenic-free expansion media significantly influences the myogenic differentiation potential of human bone marrow-derived mesenchymal stromal cells. <i>Cytotherapy</i> , 2016, 18, 344-359.	0.3	21
4675	Establishment and characterization of fetal and maternal mesenchymal stem/stromal cell lines from the human term placenta. <i>Placenta</i> , 2016, 39, 134-146.	0.7	38
4676	Distinguishing characteristics of stem cells derived from different anatomical regions of human degenerated intervertebral discs. <i>European Spine Journal</i> , 2016, 25, 2691-2704.	1.0	41
4677	Osteogenic commitment of human induced pluripotent stem cell-derived mesenchymal progenitor-like cells on biomimetic scaffolds. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 37, 147-155.	2.9	2
4678	A method of treatment for nonunion after fractures using mesenchymal stromal cells loaded on collagen microspheres and incorporated into platelet-rich plasma clots. <i>International Orthopaedics</i> , 2016, 40, 1033-1038.	0.9	26
4679	Chondrocytes, Mesenchymal Stem Cells, and Their Combination in Articular Cartilage Regenerative Medicine. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1325-1354.	1.3	76
4680	Priming with ceramide-1 phosphate promotes the therapeutic effect of mesenchymal stem/stromal cells on pulmonary artery hypertension. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 35-41.	1.0	17
4681	Time-Series Expression of Toll-Like Receptor 4 Signaling in Septic Mice Treated with Mesenchymal Stem Cells. <i>Shock</i> , 2016, 45, 634-640.	1.0	23

#	ARTICLE	IF	CITATIONS
4682	Does the Bovine Pre-Ovulatory Follicle Harbor Progenitor Stem Cells?. Cellular Reprogramming, 2016, 18, 116-126.	0.5	2
4683	Selective isolation and characterization of primary cells from normal breast and tumors reveal plasticity of adipose derived stem cells. Breast Cancer Research, 2016, 18, 32.	2.2	43
4684	Human limbal mesenchymal stem cells express <i>ABC5</i> and can grow on amniotic membrane. Regenerative Medicine, 2016, 11, 273-286.	0.8	17
4685	Chronic exposure of low dose salinomycin inhibits MSC migration capability in vitro. Biomedical Reports, 2016, 4, 325-330.	0.9	7
4686	Inhibition of Osteoarthritis by Adipose-Derived Stromal Cells Overexpressing Fra α 1 in Mice. Arthritis and Rheumatology, 2016, 68, 138-151.	2.9	13
4687	Regenerative pharmacology for the treatment of acute kidney injury: Skeletal muscle stem/progenitor cells for renal regeneration?. Pharmacological Research, 2016, 113, 802-807.	3.1	4
4688	Acute exercise mobilizes hematopoietic stem and progenitor cells and alters the mesenchymal stromal cell secretome. Journal of Applied Physiology, 2016, 120, 624-632.	1.2	49
4689	New miRNAs network in human mesenchymal stem cells derived from skin and amniotic fluid. International Journal of Immunopathology and Pharmacology, 2016, 29, 523-528.	1.0	6
4690	Immunomodulatory properties of mesenchymal stem cell in experimental arthritis in rat and mouse models: A systematic review. Seminars in Arthritis and Rheumatism, 2016, 46, 1-19.	1.6	23
4691	Mesenchymal stem cell derived secretome and extracellular vesicles for acute lung injury and other inflammatory lung diseases. Expert Opinion on Biological Therapy, 2016, 16, 859-871.	1.4	156
4692	Osteogenic differentiation and proliferation of bone marrow-derived mesenchymal stromal cells on $\text{PDLLA} + \text{BMP}$ coated titanium alloy surfaces. Journal of Biomedical Materials Research - Part A, 2016, 104, 145-154.	1.5	7
4693	Potential for Stem Cell-Based Periodontal Therapy. Journal of Cellular Physiology, 2016, 231, 50-61.	2.0	79
4694	Internalization of nanopolymeric tracers does not alter characteristics of placental cells. Journal of Cellular and Molecular Medicine, 2016, 20, 1036-1048.	1.6	4
4695	Adipose-derived stem cell differentiation as a basic tool for vascularized adipose tissue engineering. Differentiation, 2016, 92, 52-64.	1.0	46
4696	A humanized system to expand in vitro amniotic fluid-derived stem cells intended for clinical application. Cytotherapy, 2016, 18, 438-451.	0.3	13
4697	Fate decision of mesenchymal stem cells: adipocytes or osteoblasts?. Cell Death and Differentiation, 2016, 23, 1128-1139.	5.0	838
4698	Mesenchymal Stem/Stromal Cells Derived From a Reproductive Tissue Niche Under Oxidative Stress Have High Aldehyde Dehydrogenase Activity. Stem Cell Reviews and Reports, 2016, 12, 285-297.	5.6	41
4699	Mesenchymal stem cell-based gene therapy for erectile dysfunction. International Journal of Impotence Research, 2016, 28, 81-87.	1.0	13

#	ARTICLE	IF	CITATIONS
4700	CD146+ mesenchymal stem cells display greater therapeutic potential than CD146 ⁺ cells for treating collagen-induced arthritis in mice. <i>Stem Cell Research and Therapy</i> , 2016, 7, 23.	2.4	90
4701	Mitochondria in mesenchymal stem cell biology and cell therapy: From cellular differentiation to mitochondrial transfer. <i>Seminars in Cell and Developmental Biology</i> , 2016, 52, 119-131.	2.3	136
4702	Eyelid fat grafting: Indications, operative technique and complications; a systematic review. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 374-380.	0.7	32
4703	Increased Paracrine Immunomodulatory Potential of Mesenchymal Stromal Cells in Three-Dimensional Culture. <i>Tissue Engineering - Part B: Reviews</i> , 2016, 22, 322-329.	2.5	106
4704	Recombinant Human Plasminogen Activator Inhibitor-1 Accelerates Odontoblastic Differentiation of Human Stem Cells from Apical Papilla. <i>Tissue Engineering - Part A</i> , 2016, 22, 721-732.	1.6	18
4705	Pretreatment with bone marrow ⁺ derived mesenchymal stromal cell ⁺ conditioned media confers pulmonary ischemic tolerance. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 841-849.	0.4	27
4706	Evaluation of GMP-compliant culture media for in ⁺ vitro expansion of human ⁺ bone marrow mesenchymal stromal cells. <i>Experimental Hematology</i> , 2016, 44, 508-518.	0.2	28
4707	Mesenchymal stromal cells in renal transplantation: opportunities and challenges. <i>Nature Reviews Nephrology</i> , 2016, 12, 241-253.	4.1	132
4708	Optimized Cryopreservation and Banking of Human Bone-Marrow Fragments and Stem Cells. <i>Biopreservation and Biobanking</i> , 2016, 14, 138-148.	0.5	17
4709	The effects of culture conditions on the functionality of efficiently obtained mesenchymal stromal cells from human cord blood. <i>Cytotherapy</i> , 2016, 18, 423-437.	0.3	7
4710	Chromosomal stability of mesenchymal stromal cells during in vitro culture. <i>Cytotherapy</i> , 2016, 18, 336-343.	0.3	64
4711	Mesenchymal Stem Cells in Chronic Wounds: The Spectrum from Basic to Advanced Therapy. <i>Advances in Wound Care</i> , 2016, 5, 149-163.	2.6	112
4712	Epigenetic Classification of Human Mesenchymal Stromal Cells. <i>Stem Cell Reports</i> , 2016, 6, 168-175.	2.3	47
4713	The European Hematology Association Roadmap for European Hematology Research: a consensus document. <i>Haematologica</i> , 2016, 101, 115-208.	1.7	67
4714	Expression of CD90 decreases with progression of synovial chondromatosis in the temporomandibular joint. <i>Cranio - Journal of Craniomandibular Practice</i> , 2016, 34, 250-256.	0.6	4
4715	Mesenchymal stem cells increase proliferation but do not change quiescent state of osteosarcoma cells: Potential implications according to the tumor resection status. <i>Journal of Bone Oncology</i> , 2016, 5, 5-14.	1.0	27
4716	Treatment of acute graft versus host disease with mesenchymal stem cells: Questions and answers. <i>Transfusion and Apheresis Science</i> , 2016, 54, 71-75.	0.5	3
4717	Novel flow cytometric approach for the detection of adipocyte subpopulations during adipogenesis. <i>Journal of Lipid Research</i> , 2016, 57, 729-742.	2.0	24

#	ARTICLE	IF	CITATIONS
4718	Co-transplantation of multipotent mesenchymal stromal cells in allogeneic hematopoietic stem cell transplantation: A systematic review and meta-analysis. <i>Cytotherapy</i> , 2016, 18, 172-185.	0.3	49
4719	Human adipose derived mesenchymal stromal cells transduced with GFP lentiviral vectors: assessment of immunophenotype and differentiation capacity in vitro. <i>Cytotechnology</i> , 2016, 68, 2049-2060.	0.7	14
4720	The dark art of light measurement: accurate radiometry for low-level light therapy. <i>Lasers in Medical Science</i> , 2016, 31, 789-809.	1.0	69
4721	Variability of the Phenotype and Proliferation and Migration Characteristics of Human Mesenchymal Stromal Cells Derived from the Deciduous Teeth Pulp of Different Donors. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 160, 525-529.	0.3	2
4722	Three-dimensional scaffold of gelatin-poly(methyl vinyl ether-alt-maleic anhydride) for regenerative medicine: Proliferation and differentiation of mesenchymal stem cells. <i>Journal of Bioactive and Compatible Polymers</i> , 2016, 31, 273-290.	0.8	3
4723	A comparison between nucleus pulposus-derived stem cell transplantation and nucleus pulposus cell transplantation for the treatment of intervertebral disc degeneration in a rabbit model. <i>International Journal of Surgery</i> , 2016, 28, 77-82.	1.1	36
4724	Characteristics of Multipotent Mesenchymal Stromal Cells Isolated from Human Endometrium. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 160, 560-564.	0.3	5
4725	Effect of Endothelial Cells on Angiogenic Properties of Multipotent Stromal Cells from the Umbilical Cord during Angiogenesis Modeling in the Basement Membrane Matrix. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 160, 575-582.	0.3	7
4726	Articular cartilage: from formation to tissue engineering. <i>Biomaterials Science</i> , 2016, 4, 734-767.	2.6	231
4727	Human amniotic mesenchymal stem cells alleviate lung injury induced by ischemia and reperfusion after cardiopulmonary bypass in dogs. <i>Laboratory Investigation</i> , 2016, 96, 537-546.	1.7	28
4728	Content of Soluble Factors and Characteristics of Stromal Vascular Fraction Cells in Lipoaspirates from Different Subcutaneous Adipose Tissue Depots. <i>Aesthetic Surgery Journal</i> , 2016, 36, 831-841.	0.9	29
4729	Mesenchymal stem cells exhibit resistance to topoisomerase inhibition. <i>Cancer Letters</i> , 2016, 374, 75-84.	3.2	21
4730	Characterization of tissue engineered cartilage products: Recent developments in advanced therapy. <i>Pharmacological Research</i> , 2016, 113, 823-832.	3.1	7
4731	Current State for Clinical Use of Stem Cells and Platelet-Rich Plasma. <i>Operative Techniques in Orthopaedics</i> , 2016, 26, 89-97.	0.2	3
4732	Human Periodontal Stem Cells Release Specialized Proresolving Mediators and Carry Immunomodulatory and Prohealing Properties Regulated by Lipoxins. <i>Stem Cells Translational Medicine</i> , 2016, 5, 20-32.	1.6	82
4733	Canine placenta: A promising potential source of highly proliferative and immunomodulatory mesenchymal stromal cells?. <i>Veterinary Immunology and Immunopathology</i> , 2016, 171, 47-55.	0.5	32
4734	Overview on Small Molecule Biologic and Gene-Based Treatments in Sports Medicine. <i>Operative Techniques in Orthopaedics</i> , 2016, 26, 62-67.	0.2	3
4735	Human Adipose Stem Cells Differentiated on Braided Polylactide Scaffolds Is a Potential Approach for Tendon Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2016, 22, 513-523.	1.6	43

#	ARTICLE	IF	CITATIONS
4736	Allogeneic Transplantation of Periodontal Ligament-Derived Multipotent Mesenchymal Stromal Cell Sheets in Canine Critical-Size Supra-Alveolar Periodontal Defect Model. <i>BioResearch Open Access</i> , 2016, 5, 22-36.	2.6	49
4737	Stoichiometric control of live cell mixing to enable fluidically-encoded co-culture models in perfused microbioreactor arrays. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 194-204.	0.6	10
4738	The immunomodulatory properties of human bone marrow-derived mesenchymal stromal cells are defined according to multiple immunobiological criteria. <i>Inflammation Research</i> , 2016, 65, 501-510.	1.6	24
4739	Therapeutic potential of mesenchymal stem cells for pulmonary complications associated with preterm birth. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 74, 18-32.	1.2	15
4740	Immunomodulatory Effects of Different Cellular Therapies of Bone Marrow Origin on Chimerism Induction and Maintenance Across MHC Barriers in a Face Allotransplantation Model. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2016, 64, 299-310.	1.0	28
4741	Early osteoinductive human bone marrow mesenchymal stromal/stem cells support an enhanced hematopoietic cell expansion with altered chemotaxis- and adhesion-related gene expression profiles. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 823-829.	1.0	14
4742	Unraveling the Mesenchymal Stromal Cells' Paracrine Immunomodulatory Effects. <i>Transfusion Medicine Reviews</i> , 2016, 30, 37-43.	0.9	144
4743	The inhibition of periodontal ligament stem cells osteogenic differentiation by IL-17 is mediated via MAPKs. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 71, 92-101.	1.2	20
4744	Influence of 3D printed porous architecture on mesenchymal stem cell enrichment and differentiation. <i>Acta Biomaterialia</i> , 2016, 32, 161-169.	4.1	87
4745	Improving washing strategies of human mesenchymal stem cells using negative mode expanded bed chromatography. <i>Journal of Chromatography A</i> , 2016, 1429, 292-303.	1.8	12
4746	Human Foetal Mesenchymal Stem Cells. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 31, 82-87.	1.4	9
4747	Impairment of PI3K/AKT and WNT/ β -catenin pathways in bone marrow mesenchymal stem cells isolated from patients with myelodysplastic syndromes. <i>Experimental Hematology</i> , 2016, 44, 75-83.e4.	0.2	42
4748	Human umbilical cord mesenchymal stem cells delivering sTRAIL home to lung cancer mediated by MCP-1/CCR2 axis and exhibit antitumor effects. <i>Tumor Biology</i> , 2016, 37, 8425-8435.	0.8	28
4749	Human bone marrow mesenchymal stromal/stem cells: current clinical applications and potential for hematology. <i>International Journal of Hematology</i> , 2016, 103, 122-128.	0.7	47
4750	Australasian College of Sports Physicians' position statement: the place of mesenchymal stem/stromal cell therapies in sport and exercise medicine. <i>British Journal of Sports Medicine</i> , 2016, 50, 1237-1244.	3.1	26
4751	Human Antigen R Binding and Regulation of SOX2 mRNA in Human Mesenchymal Stem Cells. <i>Molecular Pharmacology</i> , 2016, 89, 243-252.	1.0	9
4752	International Society for Cellular Therapy perspective on immune functional assays for mesenchymal stromal cells as potency release criterion for advanced phase clinical trials. <i>Cytotherapy</i> , 2016, 18, 151-159.	0.3	400
4753	Deregulation and therapeutic potential of microRNAs in arthritic diseases. <i>Nature Reviews Rheumatology</i> , 2016, 12, 211-220.	3.5	118

#	ARTICLE	IF	CITATIONS
4754	A Rat Treated with Mesenchymal Stem Cells Lives to 44 Months of Age. <i>Rejuvenation Research</i> , 2016, 19, 318-321.	0.9	13
4755	Mesenchymoangioblast-derived mesenchymal stromal cells inhibit cell damage, tissue damage and improve peripheral blood flow following hindlimb ischemic injury in mice. <i>Cytotherapy</i> , 2016, 18, 219-228.	0.3	13
4756	Therapeutic Efficacy of Fresh, Autologous Mesenchymal Stem Cells for Severe Refractory Gingivostomatitis in Cats. <i>Stem Cells Translational Medicine</i> , 2016, 5, 75-86.	1.6	88
4757	LPS-stimulated human bone marrow stroma cells support myeloid cell development and progenitor cell maintenance. <i>Annals of Hematology</i> , 2016, 95, 173-178.	0.8	33
4758	Scaffold-free and scaffold-assisted 3D culture enhances differentiation of bone marrow stromal cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 204-217.	0.7	12
4759	Direct transplantation of native pericytes from adipose tissue: A new perspective to stimulate healing in critical size bone defects. <i>Cytotherapy</i> , 2016, 18, 41-52.	0.3	33
4760	Biomechanical conditioning of tissue engineered heart valves: Too much of a good thing?. <i>Advanced Drug Delivery Reviews</i> , 2016, 96, 161-175.	6.6	55
4761	Role of Keratinocyte Growth Factor in the Differentiation of Sweat Gland-Like Cells From Human Umbilical Cord-Derived Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2016, 5, 106-116.	1.6	29
4762	CD4+ T cells from patients with acute myeloid leukemia inhibit the proliferation of bone marrow-derived mesenchymal stem cells by secretion of miR-10a. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 733-740.	1.2	3
4763	Tissue engineering strategies for promoting vascularized bone regeneration. <i>Bone</i> , 2016, 83, 197-209.	1.4	145
4764	Functional inhibition of mesenchymal stromal cells in acute myeloid leukemia. <i>Leukemia</i> , 2016, 30, 683-691.	3.3	119
4765	Inhibition of Rho-Associated Protein Kinase Increases the Angiogenic Potential of Mesenchymal Stem Cell Aggregates via Paracrine Effects. <i>Tissue Engineering - Part A</i> , 2016, 22, 233-243.	1.6	13
4766	Nonclinical Studies for Cell-Based Medicines. , 2016, , 49-106.		2
4767	Olfactory ecto-mesenchymal stem cells possess immunoregulatory function and suppress autoimmune arthritis. <i>Cellular and Molecular Immunology</i> , 2016, 13, 401-408.	4.8	43
4768	<i>in vivo</i> effects of human adipose-derived stem cells reseeding on acellular bovine pericardium in nude mice. <i>Experimental Biology and Medicine</i> , 2016, 241, 31-39.	1.1	6
4769	Derivation of male germ cells from ram bone marrow mesenchymal stem cells by three different methods and evaluation of their fate after transplantation into the testis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 49-61.	0.7	40
4770	Generation, Characterization, and Multilineage Potency of Mesenchymal-Like Progenitors Derived from Equine Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2016, 25, 80-89.	1.1	24
4771	The Use of Mesenchymal Stromal Cells for Treating Renal Injury and Promoting Allograft Survival after Renal Transplantation. , 2016, , 427-441.		0

#	ARTICLE	IF	CITATIONS
4772	Therapeutic application of mesenchymal stem cells in osteoarthritis. Expert Opinion on Biological Therapy, 2016, 16, 33-42.	1.4	73
4773	Stromal vascular fraction: A regenerative reality? Part 2: Mechanisms of regenerative action. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 180-188.	0.5	123
4774	An Overview of Neural Differentiation Potential of Human Adipose Derived Stem Cells. Stem Cell Reviews and Reports, 2016, 12, 26-41.	5.6	53
4775	Bioprocessing of human mesenchymal stem/stromal cells for therapeutic use: Current technologies and challenges. Biochemical Engineering Journal, 2016, 108, 3-13.	1.8	83
4776	Platelet-poor and Platelet-rich Plasma Stimulate Bone Lineage Differentiation in Periodontal Ligament Stem Cells. Journal of Periodontology, 2016, 87, e18-26.	1.7	27
4777	Mesenchymal stem cells in regenerative medicine: Focus on articular cartilage and intervertebral disc regeneration. Methods, 2016, 99, 69-80.	1.9	366
4778	Mesenchymal stem cells: Identification, phenotypic characterization, biological properties and potential for regenerative medicine through biomaterial micro-engineering of their niche. Methods, 2016, 99, 62-68.	1.9	189
4779	Mesenchymal Stem Cells from Wharton's Jelly and Amniotic Fluid. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2016, 31, 30-44.	1.4	59
4780	Plastic Surgery Challenges in War Wounded II: Regenerative Medicine. Advances in Wound Care, 2016, 5, 412-419.	2.6	10
4781	Effects of Dexamethasone Concentration and Timing of Exposure on Chondrogenesis of Equine Bone Marrow-Derived Mesenchymal Stem Cells. Cartilage, 2016, 7, 92-103.	1.4	17
4782	Morphological characteristics of cultured fresh and thawed pericardium cells. Cell and Tissue Banking, 2016, 17, 335-339.	0.5	0
4783	Induced pluripotent stem (iPS) cells from human fetal stem cells. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2016, 31, 112-120.	1.4	5
4784	Priming hMSCs with a putative anti-cancer compound, myrtucommulone-a: a way to harness hMSC cytokine expression via modulating PI3K/Akt pathway?. Tumor Biology, 2016, 37, 1967-1981.	0.8	14
4785	Cryopreserved CD90+ cells obtained from mobilized peripheral blood in sheep: a new source of mesenchymal stem cells for preclinical applications. Cell and Tissue Banking, 2016, 17, 137-145.	0.5	6
4786	New Horizons in Pediatric Hepatology: A Glimpse of the Future. , 2016, , 897-904.		0
4787	Wharton's Jelly-derived mesenchymal stem cells alleviate memory deficits and reduce amyloid- β^2 deposition in an APP/PS1 transgenic mouse model. Clinical and Experimental Medicine, 2016, 16, 89-98.	1.9	44
4788	Stem cells from amniotic fluid - Potential for regenerative medicine. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2016, 31, 45-57.	1.4	52
4789	Cell therapy for full-thickness wounds: are fetal dermal cells a potential source?. Cell and Tissue Research, 2016, 364, 83-94.	1.5	16

#	ARTICLE	IF	CITATIONS
4790	Agitation conditions for the culture and detachment of hMSCs from microcarriers in multiple bioreactor platforms. <i>Biochemical Engineering Journal</i> , 2016, 108, 24-29.	1.8	73
4791	Factors governing the immunosuppressive effects of multipotent mesenchymal stromal cells in vitro. <i>Cytotechnology</i> , 2016, 68, 565-577.	0.7	17
4792	Controlled delivery systems for tissue repair and regeneration. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 206-228.	1.4	23
4793	Characterization of human mesenchymal stem cells from multiple donors and the implications for large scale bioprocess development. <i>Biochemical Engineering Journal</i> , 2016, 108, 14-23.	1.8	72
4794	Comparability of scalable, automated hMSC culture using manual and automated process steps. <i>Biochemical Engineering Journal</i> , 2016, 108, 69-83.	1.8	5
4795	Comparison between isolation protocols highlights intrinsic variability of human umbilical cord mesenchymal cells. <i>Cell and Tissue Banking</i> , 2016, 17, 123-136.	0.5	28
4796	A robust and reproducible animal serum-free culture method for clinical-grade bone marrow-derived mesenchymal stromal cells. <i>Cytotechnology</i> , 2016, 68, 891-906.	0.7	46
4797	Carious deciduous teeth are a potential source for dental pulp stem cells. <i>Clinical Oral Investigations</i> , 2016, 20, 75-81.	1.4	48
4798	High glucose microenvironments inhibit the proliferation and migration of bone mesenchymal stem cells by activating GSK3 β . <i>Journal of Bone and Mineral Metabolism</i> , 2016, 34, 140-150.	1.3	41
4799	Mesenchymal stem cells: Immunomodulatory capability and clinical potential in immune diseases. <i>Journal of Cellular Immunotherapy</i> , 2016, 2, 3-20.	0.6	214
4800	The effect of medium selection on adipose-derived stem cell expansion and differentiation: implications for application in regenerative medicine. <i>Cytotechnology</i> , 2016, 68, 957-967.	0.7	15
4801	Recombinant human type II collagen hydrogel provides a xeno-free 3D micro-environment for chondrogenesis of human bone marrow-derived mesenchymal stromal cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 843-854.	1.3	14
4802	Adenosine metabolism of human mesenchymal stromal cells isolated from patients with head and neck squamous cell carcinoma. <i>Immunobiology</i> , 2017, 222, 66-74.	0.8	21
4803	Evaluation of cytocompatibility of calcium silicate-based endodontic sealers and their effects on the biological responses of mesenchymal dental stem cells. <i>International Endodontic Journal</i> , 2017, 50, 67-76.	2.3	85
4804	<i>hTERT</i> - and <i>hCTLA4lg</i> -expressing human bone marrow-derived mesenchymal stem cells: <i>in vitro</i> and <i>in vivo</i> characterization and osteogenic differentiation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 400-411.	1.3	12
4805	Adipose, Bone, and Myeloma: Contributions from the Microenvironment. <i>Calcified Tissue International</i> , 2017, 100, 433-448.	1.5	45
4806	Indirect coculture of stem cells with fetal chondrons using PCL electrospun nanofiber scaffolds. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 283-290.	1.9	5
4807	Comparison of periodontal ligament and gingiva-derived mesenchymal stem cells for regenerative therapies. <i>Clinical Oral Investigations</i> , 2017, 21, 1095-1102.	1.4	28

#	ARTICLE	IF	CITATIONS
4808	TGF β ³ secretion by three-dimensional cultures of human dental apical papilla mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1045-1056.	1.3	6
4809	Microenvironmental factors involved in human amnion mesenchymal stem cells fate decisions. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 311-320.	1.3	10
4810	Modulation of chondrogenic differentiation of human mesenchymal stem cells in jellyfish collagen scaffolds by cell density and culture medium. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1710-1722.	1.3	21
4811	Alterations of the bone marrow stromal microenvironment in adult patients with acute myeloid and lymphoblastic leukemias before and after allogeneic hematopoietic stem cell transplantation. <i>Leukemia and Lymphoma</i> , 2017, 58, 408-417.	0.6	11
4812	Revisiting MSC expansion from critical quality attributes to critical culture process parameters. <i>Process Biochemistry</i> , 2017, 59, 231-243.	1.8	34
4813	Oxysterols in adipose tissue-derived mesenchymal stem cell proliferation and death. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 169, 164-175.	1.2	14
4814	Adipose-Derived Mesenchymal Stem Cells in Autoimmune Disorders: State of the Art and Perspectives for Systemic Sclerosis. <i>Clinical Reviews in Allergy and Immunology</i> , 2017, 52, 234-259.	2.9	98
4815	Electrospun mat with eyelid fat-derived stem cells as a scaffold for ocular epithelial regeneration. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 120-127.	1.9	19
4816	Progress in stem cell-based therapy for liver disease. <i>Hepatology Research</i> , 2017, 47, 127-141.	1.8	32
4817	Canine Adipose-Derived Stem Cells: Purinergic Characterization and Neurogenic Potential for Therapeutic Applications. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 58-65.	1.2	9
4818	HR007: a family of biomaterials based on glycosaminoglycans for tissue repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 989-1001.	1.3	12
4819	Targeted neural differentiation of murine mesenchymal stem cells by a protocol simulating the inflammatory site of neural injury. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1588-1597.	1.3	7
4820	Assessment of tumorigenic potential in long-term cryopreserved human adipose-derived stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2217-2226.	1.3	21
4821	Pressure-activated microsyringe (PAM) fabrication of bioactive glass-poly(lactic-co-glycolic acid) composite scaffolds for bone tissue regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1986-1997.	1.3	18
4822	Comparison of <i>in vitro</i> -cultivation of human mesenchymal stroma/stem cells derived from bone marrow and umbilical cord. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2565-2581.	1.3	29
4823	Nanofiber scaffolds influence organelle structure and function in bone marrow stromal cells. , 2017, 105, 989-1001.		26
4824	Isolation and characterization of mesenchymal stromal progenitors from the temporomandibular joint disc. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1553-1561.	1.3	3
4825	Characterization of human adipose tissue-derived stem cells with enhanced angiogenic and adipogenic properties. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2490-2502.	1.3	38

#	ARTICLE	IF	CITATIONS
4826	Intraarterial route increases the risk of cerebral lesions after mesenchymal cell administration in animal model of ischemia. <i>Scientific Reports</i> , 2017, 7, 40758.	1.6	86
4827	Impact of lysosomal storage disorders on biology of mesenchymal stem cells: Evidences from in vitro silencing of glucocerebrosidase (GBA) and alpha-galactosidase A (GLA) enzymes. <i>Journal of Cellular Physiology</i> , 2017, 232, 3454-3467.	2.0	19
4828	Anti-fibrotic effects of bone morphogenetic protein-7-modified bone marrow mesenchymal stem cells on silica-induced pulmonary fibrosis. <i>Experimental and Molecular Pathology</i> , 2017, 102, 70-77.	0.9	25
4829	Stem Cell Applications in Corneal Regeneration and Wound Repair. <i>Stem Cells in Clinical Applications</i> , 2017, , 213-255.	0.4	0
4830	Cell-based therapeutic strategies for replacement and preservation in retinal degenerative diseases. <i>Progress in Retinal and Eye Research</i> , 2017, 58, 1-27.	7.3	86
4831	Pretreatment with IL-1 β enhances proliferation and chondrogenic potential of synovium-derived mesenchymal stem cells. <i>Cytotherapy</i> , 2017, 19, 181-193.	0.3	25
4832	Stem cells and Bronchopulmonary Dysplasia - The five questions: Which cells, when, in which dose, to which patients via which route?. <i>Paediatric Respiratory Reviews</i> , 2017, 24, 54-59.	1.2	14
4833	Mesenchymal stroma cells in peritoneal dialysis effluents from patients. <i>Human Cell</i> , 2017, 30, 51-59.	1.2	9
4834	IFN type I and II induce BAFF secretion from human decidual stromal cells. <i>Scientific Reports</i> , 2017, 7, 39904.	1.6	23
4835	Immunomodulatory effects of bone marrow mesenchymal stem cells overexpressing heme oxygenase-1: Protective effects on acute rejection following reduced-size liver transplantation in a rat model. <i>Cellular Immunology</i> , 2017, 313, 10-24.	1.4	25
4836	Fibrous Synovium Releases Higher Numbers of Mesenchymal Stem Cells Than Adipose Synovium in a Suspended Synovium Culture Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2017, 33, 800-810.	1.3	33
4837	Goat umbilical cord cells are permissive to small ruminant lentivirus infection in vitro. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 125-131.	0.8	4
4838	Gelatin- and starch-based hydrogels. Part B: In vitro mesenchymal stem cell behavior on the hydrogels. <i>Carbohydrate Polymers</i> , 2017, 161, 295-305.	5.1	42
4839	Biological characteristic effects of human dental pulp stem cells on poly- μ -caprolactone-biphasic calcium phosphate fabricated scaffolds using modified melt stretching and multilayer deposition. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 25.	1.7	8
4840	Administration of multipotent mesenchymal stromal cells restores liver regeneration and improves liver function in obese mice with hepatic steatosis after partial hepatectomy. <i>Stem Cell Research and Therapy</i> , 2017, 8, 20.	2.4	26
4841	Distinctive expression pattern of cystathionine β -synthase and cystathionine γ -lyase identifies mesenchymal stromal cells transition to mineralizing osteoblasts. <i>Journal of Cellular Physiology</i> , 2017, 232, 3574-3585.	2.0	19
4842	Bone Marrow-Derived Mesenchymal Stromal Cells from Patients with Sickle Cell Disease Display Intact Functionality. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 736-745.	2.0	15
4843	Mesenchymal Stromal Cell Therapy in Crohn's Disease. <i>Digestive Diseases</i> , 2017, 35, 115-122.	0.8	20

#	ARTICLE	IF	CITATIONS
4844	Heterogeneous Human Periodontal Ligament-Committed Progenitor and Stem Cell Populations Exhibit a Unique Cementogenic Property Under In Vitro and In Vivo Conditions. <i>Stem Cells and Development</i> , 2017, 26, 632-645.	1.1	32
4845	Questions and Challenges in the Development of Mesenchymal Stromal/Stem Cell-Based Therapies in Veterinary Medicine. <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 462-470.	2.5	24
4846	Cancer stem cell niche models and contribution by mesenchymal stroma/stem cells. <i>Molecular Cancer</i> , 2017, 16, 28.	7.9	106
4847	Mesenchymal stem cells: key players in cancer progression. <i>Molecular Cancer</i> , 2017, 16, 31.	7.9	404
4848	Concise Review: Fat and Furious: Harnessing the Full Potential of Adipose-Derived Stromal Vascular Fraction. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1096-1108.	1.6	74
4849	Review of Previous Clinical Trials and Guidelines of Cell Therapy. , 2017, , 123-133.		0
4850	Minocycline enhances the mesenchymal stromal/stem cell pro-healing phenotype in triple antimicrobial-loaded hydrogels. <i>Acta Biomaterialia</i> , 2017, 51, 184-196.	4.1	23
4851	Human AML-iPSCs Reacquire Leukemic Properties after Differentiation and Model Clonal Variation of Disease. <i>Cell Stem Cell</i> , 2017, 20, 329-344.e7.	5.2	101
4852	EID3 directly associates with DNMT3A during transdifferentiation of human umbilical cord mesenchymal stem cells to NPC-like cells. <i>Scientific Reports</i> , 2017, 7, 40463.	1.6	12
4853	No evidence for the use of stem cell therapy for tendon disorders: a systematic review. <i>British Journal of Sports Medicine</i> , 2017, 51, 996-1002.	3.1	57
4854	Loss of quiescence and self-renewal capacity of hematopoietic stem cell in an in vitro leukemic niche. <i>Experimental Hematology and Oncology</i> , 2017, 6, 2.	2.0	19
4855	Protecting retinal ganglion cells. <i>Eye</i> , 2017, 31, 218-224.	1.1	41
4856	Exosomal miR-146a Contributes to the Enhanced Therapeutic Efficacy of Interleukin-1 β -Primed Mesenchymal Stem Cells Against Sepsis. <i>Stem Cells</i> , 2017, 35, 1208-1221.	1.4	364
4857	Evidence for the Use of Cell-Based Therapy for the Treatment of Osteonecrosis of the Femoral Head: A Systematic Review of the Literature. <i>Journal of Arthroplasty</i> , 2017, 32, 1698-1708.	1.5	87
4858	Stem cell therapy: An emerging modality in glomerular diseases. <i>Cytotherapy</i> , 2017, 19, 333-348.	0.3	8
4859	De novo AML exhibits greater microenvironment dysregulation compared to AML with myelodysplasia-related changes. <i>Scientific Reports</i> , 2017, 7, 40707.	1.6	29
4860	Hypoxia enhances the viability, growth and chondrogenic potential of cryopreserved human adipose-derived stem cells. <i>Cryobiology</i> , 2017, 75, 91-99.	0.3	48
4861	Stem cells and vascular regenerative medicine: A mini review. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 613-633.	0.9	9

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4862	Extracellular Nucleotide Hydrolysis in Dermal and Limbal Mesenchymal Stem Cells: A Source of Adenosine Production. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2430-2442.	1.2	22
4863	Chitosan-Intercalated Montmorillonite/Poly(vinyl alcohol) Nanofibers as a Platform to Guide Neuronlike Differentiation of Human Dental Pulp Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11392-11404.	4.0	81
4864	Myogenic potential of human alveolar mucosa derived cells. <i>Cell Cycle</i> , 2017, 16, 545-555.	1.3	12
4865	The Isolation and Production of the Ready-to-Use Product (the Amniotic Stem Cell Culture) in Accordance with Good Manufacturing Practice Regulations. <i>Stem Cells and Development</i> , 2017, 26, 694-707.	1.1	10
4866	Generation of mesenchymal stromal cells from cord blood: evaluation of in vitro quality parameters prior to clinical use. <i>Stem Cell Research and Therapy</i> , 2017, 8, 14.	2.4	49
4867	Dopamine receptor type 2 (<scp>DRD2</scp>) and somatostatin receptor type 2 (<scp>SSTR2</scp>) agonists are effective in inhibiting proliferation of progenitor/stem-like cells isolated from nonfunctioning pituitary tumors. <i>International Journal of Cancer</i> , 2017, 140, 1870-1880.	2.3	54
4868	In-vitro chondrogenic potential of synovial stem cells and chondrocytes allocated for autologous chondrocyte implantation – a comparison. <i>International Orthopaedics</i> , 2017, 41, 991-998.	0.9	24
4869	Guanylate-binding protein 1 (GBP1) contributes to the immunity of human mesenchymal stromal cells against <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1365-1370.	3.3	70
4870	Icariin influences adipogenic differentiation of stem cells affected by osteoblast-osteoclast co-culture and clinical research adipogenic. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 436-442.	2.5	27
4871	IL-1 β impedes the chondrogenic differentiation of synovial fluid mesenchymal stem cells in the human temporomandibular joint. <i>International Journal of Molecular Medicine</i> , 2017, 39, 317-326.	1.8	43
4872	Kinetics of circulating progenitor cell mobilization during submaximal exercise. <i>Journal of Applied Physiology</i> , 2017, 122, 675-682.	1.2	25
4873	Avoidance of Maternal Cell Contamination and Overgrowth in Isolating Fetal Chorionic Villi Mesenchymal Stem Cells from Human Term Placenta. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1070-1084.	1.6	23
4874	Mesenchymal stem cells in regenerative medicine: a new paradigm for degenerative bone diseases. <i>Regenerative Medicine</i> , 2017, 12, 111-114.	0.8	15
4875	Effect of hypoxia on human adipose-derived mesenchymal stem cells and its potential clinical applications. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2587-2600.	2.4	60
4876	Intra-articular Implantation of Mesenchymal Stem Cells, Part 1. <i>Orthopaedic Journal of Sports Medicine</i> , 2017, 5, 232596711668081.	0.8	7
4877	A Simplified and Systematic Method to Isolate, Culture, and Characterize Multiple Types of Human Dental Stem Cells from a Single Tooth. <i>Methods in Molecular Biology</i> , 2017, 1553, 191-207.	0.4	22
4878	Vascular precursor cells in tissue injury repair. <i>Translational Research</i> , 2017, 184, 77-100.	2.2	30
4879	β -Catenin Accumulation is Associated with Increased Expression of Nanog Protein and Predicts Maintenance of MSC Self-Renewal. <i>Cell Transplantation</i> , 2017, 26, 365-377.	1.2	12

#	ARTICLE	IF	CITATIONS
4880	Systemically Infused Mesenchymal Stem Cells Show Different Homing Profiles in Healthy and Tumor Mouse Models. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1120-1131.	1.6	60
4881	A Proinflammatory Secretome Mediates the Impaired Immunopotency of Human Mesenchymal Stromal Cells in Elderly Patients with Atherosclerosis. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1132-1140.	1.6	46
4882	Low-serum culture with novel medium promotes maxillary/mandibular bone marrow stromal cell proliferation and osteogenic differentiation ability. <i>Clinical Oral Investigations</i> , 2017, 21, 2709-2719.	1.4	8
4883	Bone morphogenetic protein-2 enhances the osteogenic differentiation capacity of mesenchymal stromal cells derived from human bone marrow and umbilical cord. <i>International Journal of Molecular Medicine</i> , 2017, 39, 654-662.	1.8	55
4884	Dental Pulp Tissue Regeneration Using Dental Pulp Stem Cells Isolated and Expanded in Human Serum. <i>Journal of Endodontics</i> , 2017, 43, 568-574.	1.4	49
4885	Características, aplicaciones y perspectivas de las células madre mesenquimales en terapia celular. <i>Medicina Clínica</i> , 2017, 148, 408-414.	0.3	51
4886	Bmp-12 activates tenogenic pathway in human adipose stem cells and affects their immunomodulatory and secretory properties. <i>BMC Cell Biology</i> , 2017, 18, 13.	3.0	31
4887	The use of mesenchymal stromal cells in treatment of lung disorders. <i>Regenerative Medicine</i> , 2017, 12, 203-216.	0.8	8
4888	Characterisation and intracellular labelling of mesenchymal stromal cells derived from synovial fluid of horses and sheep. <i>Veterinary Journal</i> , 2017, 222, 1-8.	0.6	11
4889	Mesenchymal stem cells cultivated on scaffolds formed by 3D printed PCL matrices, coated with PLGA electrospun nanofibers for use in tissue engineering. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 045005.	0.6	42
4890	Bioactive gel-glasses with distinctly different compositions: Bioactivity, viability of stem cells and antibiofilm effect against <i>Streptococcus mutans</i> . <i>Materials Science and Engineering C</i> , 2017, 76, 233-241.	3.8	26
4891	Donor-dependent variances of human adipose-derived stem cells in respect to the in-vitro endothelial cell differentiation capability. <i>Adipocyte</i> , 2017, 6, 20-32.	1.3	4
4892	Morphological features of IFN- γ -stimulated mesenchymal stromal cells predict overall immunosuppressive capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2598-E2607.	3.3	146
4893	Human amniotic mesenchymal stromal cell transplantation improves endometrial regeneration in rodent models of intrauterine adhesions. <i>Cytotherapy</i> , 2017, 19, 603-616.	0.3	87
4894	Prostaglandin E2 Indicates Therapeutic Efficacy of Mesenchymal Stem Cells in Experimental Traumatic Brain Injury. <i>Stem Cells</i> , 2017, 35, 1416-1430.	1.4	72
4895	A Simple Protocol to Isolate, Characterize, and Expand Dental Pulp Stem Cells. <i>Methods in Molecular Biology</i> , 2017, 1553, 1-13.	0.4	9
4896	Application of Stem Cells and the Factors Influence Their Differentiation in Cartilage Tissue Engineering. <i>Pancreatic Islet Biology</i> , 2017, , 1-20.	0.1	1
4897	Can stem cells enhance bone formation in the human edentulous alveolar ridge? A systematic review and meta-analysis. <i>Cell and Tissue Banking</i> , 2017, 18, 217-228.	0.5	13

#	ARTICLE	IF	CITATIONS
4898	Immunophenotypical characterization of canine mesenchymal stem cells from perivisceral and subcutaneous adipose tissue by a species-specific panel of antibodies. <i>Research in Veterinary Science</i> , 2017, 114, 51-58.	0.9	15
4899	Knee Cartilage Regeneration with Umbilical Cord Mesenchymal Stem Cells Embedded in Collagen Scaffold Using Dry Arthroscopy Technique. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1020, 113-122.	0.8	26
4900	Proliferative and Differentiation Potential of Multipotent Mesenchymal Stem Cells Cultured on Biocompatible Polymer Scaffolds with Various Physicochemical Characteristics. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 162, 488-495.	0.3	12
4901	Isolation of Mesenchymal Stromal Cells From Peripheral Blood of ST Elevation Myocardial Infarction Patients. <i>Artificial Organs</i> , 2017, 41, 654-666.	1.0	6
4902	Paracrine Maturation and Migration of SH-SY5Y Cells by Dental Pulp Stem Cells. <i>Journal of Dental Research</i> , 2017, 96, 654-662.	2.5	27
4903	Systematic review of patient factors affecting adipose stem cell viability and function: implications for regenerative therapy. <i>Stem Cell Research and Therapy</i> , 2017, 8, 45.	2.4	115
4904	Regenerative capacity of autologous stem cell transplantation in elderly: a report of biomedical outcomes. <i>Regenerative Medicine</i> , 2017, 12, 169-178.	0.8	12
4905	Therapeutic potentials of mesenchymal stem cells on the renal cortex of experimentally induced hypertensive albino rats: Relevant role of Nrf2. <i>Tissue and Cell</i> , 2017, 49, 358-367.	1.0	5
4906	Oral administration of conditioned medium obtained from mesenchymal stem cell culture prevents subsequent stricture formation after esophageal submucosal dissection in pigs. <i>Gastrointestinal Endoscopy</i> , 2017, 86, 542-552.e1.	0.5	34
4907	Extracellular Vesicle-Shuttled mRNA in Mesenchymal Stem Cell Communication. <i>Stem Cells</i> , 2017, 35, 1093-1105.	1.4	95
4908	Cochlear epithelial of dog fetuses: a new source of multipotent stem cells. <i>Cytotechnology</i> , 2017, 69, 179-189.	0.7	1
4909	Cytotoxicity and bioactivity of various pulpotomy materials on stem cells from human exfoliated primary teeth. <i>International Endodontic Journal</i> , 2017, 50, e19-e30.	2.3	80
4910	Intravenous administration of expanded allogeneic adipose-derived mesenchymal stem cells in refractory rheumatoid arthritis (Cx611): results of a multicentre, dose escalation, randomised, single-blind, placebo-controlled phase Ib/IIa clinical trial. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 196-202.	0.5	194
4911	Long Non-Coding RNA MALAT1 Promotes Proliferation, Angiogenesis, and Immunosuppressive Properties of Mesenchymal Stem Cells by Inducing VEGF and IDO. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2780-2791.	1.2	86
4912	The Influence of Trocar Fenestration and Volume on Connective Tissue Progenitor Cells (Stem Cells) in Arthroscopic Bone Marrow Aspiration From the Proximal Humerus. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2017, 33, 1167-1174.e1.	1.3	11
4913	Carboxymethylcellulose with phenolic hydroxyl microcapsules enclosing gene-modified BMSCs for controlled BMP-2 release <i>in vitro</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1710-1720.	1.9	8
4914	Concise Review: Mesenchymal Stem Cells for Functional Cartilage Tissue Engineering: Taking Cues from Chondrocyte-Based Constructs. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1295-1303.	1.6	69
4915	Unveiling and initial characterization of neural crest-like cells in mesenchymal populations from the human periodontal ligament. <i>Journal of Periodontal Research</i> , 2017, 52, 609-616.	1.4	11

#	ARTICLE	IF	CITATIONS
4916	Biomechanical Forces Promote Immune Regulatory Function of Bone Marrow Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2017, 35, 1259-1272.	1.4	51
4917	Characteristics of Multipotent Mesenchymal Stromal Cells Isolated from the Endometrium and Endometriosis Lesions of Women with Malformations of the Internal Reproductive Organs. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 162, 539-544.	0.3	5
4918	Stem cell injections in knee osteoarthritis: a systematic review of the literature. <i>British Journal of Sports Medicine</i> , 2017, 51, 1125-1133.	3.1	142
4919	Endothelial and smooth muscle cells derived from human cardiac explants demonstrate angiogenic potential and suitable for design of cell-containing vascular grafts. <i>Journal of Translational Medicine</i> , 2017, 15, 54.	1.8	25
4920	Stem Cell Therapy in Muscle Degeneration. , 2017, , 55-91.		0
4921	Mesenchymal Stromal Cell Therapy for Chronic Lung Allograft Dysfunction: Results of a First-in-Man Study. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1152-1157.	1.6	64
4922	A Good Manufacturing Practiceâ€‘grade standard protocol for exclusively human mesenchymal stromal cellâ€‘derived extracellular vesicles. <i>Cytotherapy</i> , 2017, 19, 458-472.	0.3	156
4923	Osteogenic Differentiation of Mesenchymal Stromal Cells: A Comparative Analysis Between Human Subcutaneous Adipose Tissue and Dental Pulp. <i>Stem Cells and Development</i> , 2017, 26, 843-855.	1.1	23
4924	Effect of the Microenvironment on Mesenchymal Stem Cell Paracrine Signaling: Opportunities to Engineer the Therapeutic Effect. <i>Stem Cells and Development</i> , 2017, 26, 617-631.	1.1	298
4925	Bioprocess integration for human mesenchymal stem cells: From up to downstream processing scale-up to cell proteome characterization. <i>Journal of Biotechnology</i> , 2017, 248, 87-98.	1.9	61
4926	Improved Post-Thaw Function and Epigenetic Changes in Mesenchymal Stromal Cells Cryopreserved Using Multicomponent Osmolyte Solutions. <i>Stem Cells and Development</i> , 2017, 26, 828-842.	1.1	38
4927	Application of selected scaffolds for bone tissue engineering: a systematic review. <i>Oral and Maxillofacial Surgery</i> , 2017, 21, 109-129.	0.6	75
4928	What is the clinical evidence on regenerative medicine in intervertebral disc degeneration?. <i>Musculoskeletal Surgery</i> , 2017, 101, 93-104.	0.7	31
4929	Proliferation of canine bone marrow derived mesenchymal stem cells on different nanomaterial based thin film scaffolds. <i>Tissue and Cell</i> , 2017, 49, 270-274.	1.0	5
4930	Endothelial cell markers from clinician's perspective. <i>Experimental and Molecular Pathology</i> , 2017, 102, 303-313.	0.9	68
4931	A novel rat fibrosarcoma cell line from transformed bone marrow-derived mesenchymal stem cells with maintained in vitro and in vivo stemness properties. <i>Experimental Cell Research</i> , 2017, 352, 218-224.	1.2	8
4932	Intersecting Worlds of Transfusion and Transplantation Medicine: An International Symposium Organized by the Canadian Blood Services Centre for Innovation. <i>Transfusion Medicine Reviews</i> , 2017, 31, 183-192.	0.9	4
4933	Alteration Analysis of Bone Marrow Mesenchymal Stromal Cells from De Novo Acute Myeloid Leukemia Patients at Diagnosis. <i>Stem Cells and Development</i> , 2017, 26, 709-722.	1.1	39

#	ARTICLE	IF	CITATIONS
4934	Mesenchymal Stem Cell Injections for the Treatment of Perianal Crohn's Disease: What We Have Accomplished and What We Still Need to Do. <i>Journal of Crohn's and Colitis</i> , 2017, 11, 1267-1276.	0.6	22
4935	Li + activated nanohydroxyapatite doped with Eu 3+ ions enhances proliferative activity and viability of human stem progenitor cells of adipose tissue and olfactory ensheathing cells. Further perspective of nHAP:Li + , Eu 3+ application in theranostics. <i>Materials Science and Engineering C</i> , 2017, 78, 151-162.	3.8	38
4936	Peptide-Coated Semiconductor Polymer Dots for Stem Cells Labeling and Tracking. <i>Chemistry - A European Journal</i> , 2017, 23, 6836-6844.	1.7	13
4937	Bioactive surfaces from seaweed-derived alginates for the cultivation of human stem cells. <i>Journal of Applied Phycology</i> , 2017, 29, 2451-2461.	1.5	25
4938	Cell Therapy for Multiple Sclerosis. <i>CNS Drugs</i> , 2017, 31, 453-469.	2.7	19
4939	Native and solubilized decellularized extracellular matrix: A critical assessment of their potential for improving the expansion of mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2017, 55, 1-12.	4.1	82
4940	Aging of bone marrow mesenchymal stromal/stem cells: Implications on autologous regenerative medicine. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, S57-S63.	0.4	37
4941	New Insights into the Neural Differentiation Potential of Canine Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2017, 46, 304-315.	0.3	18
4942	Effects of the donor age on proliferation, senescence and osteogenic capacity of human urine-derived stem cells. <i>Cytotechnology</i> , 2017, 69, 751-763.	0.7	21
4943	Bone Marrow, Adipose, and Lung Tissue-Derived Murine Mesenchymal Stromal Cells Release Different Mediators and Differentially Affect Airway and Lung Parenchyma in Experimental Asthma. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1557-1567.	1.6	74
4944	Mesenchymal stromal cells for immunomodulatory cell therapy in liver transplantation: One step at a time. <i>Journal of Hepatology</i> , 2017, 67, 7-9.	1.8	5
4945	Intravenous mesenchymal stromal cell therapy for inflammatory bowel disease: Lessons from the acute graft versus host disease experience. <i>Cytotherapy</i> , 2017, 19, 655-667.	0.3	10
4946	The LncRNA ZBED3-AS1 induces chondrogenesis of human synovial fluid mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 457-463.	1.0	35
4947	Transcriptomics of human multipotent mesenchymal stromal cells: Retrospective analysis and future prospects. <i>Biotechnology Advances</i> , 2017, 35, 407-418.	6.0	22
4948	Neuropeptide Y enhances proliferation and prevents apoptosis in rat bone marrow stromal cells in association with activation of the Wnt/ <i>β</i> -catenin pathway in vitro. <i>Stem Cell Research</i> , 2017, 21, 74-84.	0.3	32
4949	From skeletal muscle to stem cells: an innovative and minimally-invasive process for multiple species. <i>Scientific Reports</i> , 2017, 7, 696.	1.6	23
4950	Role of mesenchymal stem cells in osteoarthritis treatment. <i>Journal of Orthopaedic Translation</i> , 2017, 9, 89-103.	1.9	82
4951	Bone marrow-derived stem/stromal cells and adipose tissue-derived stem/stromal cells: Their comparative efficacies and synergistic effects. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2640-2648.	2.1	43

#	ARTICLE	IF	CITATIONS
4952	Gene expression profiling of bone marrow mesenchymal stem cells from Osteogenesis Imperfecta patients during osteoblast differentiation. <i>European Journal of Medical Genetics</i> , 2017, 60, 326-334.	0.7	10
4953	Characterization of mesenchymal stem cells in bovine endometrium during follicular phase of oestrous cycle. <i>Reproduction in Domestic Animals</i> , 2017, 52, 707-714.	0.6	19
4954	How Plastic Are Pericytes?. <i>Stem Cells and Development</i> , 2017, 26, 1013-1019.	1.1	58
4955	Bioactive surface modification of polycaprolactone using MG63-conditioned medium can induce osteogenic differentiation of mesenchymal stem cells. <i>Journal of Materials Science</i> , 2017, 52, 3967-3978.	1.7	10
4956	Taking the endochondral route to craniomaxillofacial bone regeneration: A logical approach?. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1099-1106.	0.7	27
4957	Cardiosphere-Derived Cells Require Endoglin for Paracrine-Mediated Angiogenesis. <i>Stem Cell Reports</i> , 2017, 8, 1287-1298.	2.3	35
4958	The Mesenchymal State Predicts Poor Disease-Free Survival in Resectable Non-Small Cell Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2017, 104, 321-328.	0.7	7
4959	Biomimetic strategies for fracture repair: Engineering the cell microenvironment for directed tissue formation. <i>Journal of Tissue Engineering</i> , 2017, 8, 204173141770479.	2.3	6
4960	Immunolocalization of Substance P and NK κ 1 Receptor in ADIPOSE Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4686-4696.	1.2	11
4961	Evaluation of persistence and distribution of intra-dermally administered PKH26 labelled goat bone marrow derived mesenchymal stem cells in cutaneous wound healing model. <i>Cytotechnology</i> , 2017, 69, 841-849.	0.7	19
4962	Human Umbilical Cord Mesenchymal Stromal Cell Isolation, Expansion, Cryopreservation, and Characterization. <i>Current Protocols in Stem Cell Biology</i> , 2017, 41, 1F.18.1-1F.18.23.	3.0	19
4963	Intravenous injection of umbilical cord-derived mesenchymal stromal cells attenuates reactive gliosis and hypomyelination in a neonatal intraventricular hemorrhage model. <i>Neuroscience</i> , 2017, 355, 175-187.	1.1	58
4964	Sheep Placenta Cotyledons: A Noninvasive Source of Ovine Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 298-310.	1.1	13
4965	Murine and human hematopoietic progenitor cultures grown on stromal layers expressing Notch ligands. <i>Molecular Biology</i> , 2017, 51, 313-322.	0.4	6
4966	Development of Mural Cells: From In Vivo Understanding to In Vitro Recapitulation. <i>Stem Cells and Development</i> , 2017, 26, 1020-1041.	1.1	12
4967	<scp>BMP</scp>9 induces osteogenesis and adipogenesis in the immortalized human cranial suture progenitors from the patent sutures of craniostosis patients. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2782-2795.	1.6	41
4968	The therapeutic potential of three-dimensional multipotent mesenchymal stromal cell spheroids. <i>Stem Cell Research and Therapy</i> , 2017, 8, 94.	2.4	179
4969	Human mesenchymal stem cells maintain their phenotype, multipotentiality, and genetic stability when cultured using a defined xeno-free human plasma fraction. <i>Stem Cell Research and Therapy</i> , 2017, 8, 103.	2.4	47

#	ARTICLE	IF	CITATIONS
4970	Bronchopulmonary Dysplasia: Where Have All the Stem Cells Gone?. Chest, 2017, 152, 1043-1052.	0.4	38
4971	Safety profile and long-term engraftment of human CD31 + blood progenitors in bone tissue engineering. Cytotherapy, 2017, 19, 895-908.	0.3	7
4972	Trichinella Spiralis Impact on Mesenchymal Stem Cells: Immunohistochemical Study by Image Analyzer in Murine Model. Experimental and Molecular Pathology, 2017, 102, 396-407.	0.9	2
4973	Peroxisome proliferator-activated receptor gamma (PPAR γ) is central to the initiation and propagation of human angiomyolipoma, suggesting its potential as a therapeutic target. EMBO Molecular Medicine, 2017, 9, 508-530.	3.3	11
4974	Expansion strategies for human mesenchymal stromal cells culture under xeno-free conditions. Biotechnology Progress, 2017, 33, 1358-1367.	1.3	46
4975	Concise Review: Wharton's Jelly: The Rich, but Enigmatic, Source of Mesenchymal Stromal Cells. Stem Cells Translational Medicine, 2017, 6, 1620-1630.	1.6	144
4976	Mechanical stress affects methylation pattern of GNAS isoforms and osteogenic differentiation of hAT-MSCs. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1371-1381.	1.9	34
4977	Immune responses to bioengineered organs. Current Opinion in Organ Transplantation, 2017, 22, 79-85.	0.8	7
4978	Mesenchymal stromal cell therapy to promote cardiac tissue regeneration and repair. Current Opinion in Organ Transplantation, 2017, 22, 86-96.	0.8	14
4980	Mesenchymal stem cells for the management of rheumatoid arthritis: immune modulation, repair or both?. Current Opinion in Rheumatology, 2017, 29, 201-207.	2.0	88
4981	Autologous Mesenchymal Stem Cells Increase Cortical Perfusion in Renovascular Disease. Journal of the American Society of Nephrology: JASN, 2017, 28, 2777-2785.	3.0	121
4982	Protective Effect of Mesenchymal Stem Cells Against the Development of Intracranial Aneurysm Rupture in Mice. Neurosurgery, 2017, 81, 1021-1028.	0.6	19
4983	Cell Therapy in Kidney Transplantation: Focus on Regulatory T Cells. Journal of the American Society of Nephrology: JASN, 2017, 28, 1960-1972.	3.0	26
4984	Durable Control of Autoimmune Diabetes in Mice Achieved by Intraperitoneal Transplantation of α -Neo-Islets, α -Three-Dimensional Aggregates of Allogeneic Islet and α -Mesenchymal Stem Cells. Stem Cells Translational Medicine, 2017, 6, 1631-1643.	1.6	18
4985	Stem Cells and Their Immunomodulatory Potential for the Treatment of ARDS. , 2017, , 273-290.		0
4986	The effects of the stem cell on ciliary regeneration of injured rabbit sinonasal epithelium. European Archives of Oto-Rhino-Laryngology, 2017, 274, 3057-3064.	0.8	7
4987	A chitosan/dextran-based hydrogel as a delivery vehicle of human bone-marrow derived mesenchymal stem cells. Biomedical Materials (Bristol), 2017, 12, 035012.	1.7	12
4988	Manufacture and preparation of human placenta-derived mesenchymal stromal cells for local tissue delivery. Cytotherapy, 2017, 19, 680-688.	0.3	33

#	ARTICLE	IF	CITATIONS
4989	Reprogramming of Oncogene Expression in Gingival Mesenchymal Stem Cells Following Long-Term Culture In Vitro. <i>Cellular Reprogramming</i> , 2017, 19, 159-170.	0.5	6
4990	The Effect of Antiseptics on Adipose-Derived Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 625-637.	0.7	17
4991	Concurrent Isolation of 3 Distinct Cardiac Stem Cell Populations From a Single Human Heart Biopsy. <i>Circulation Research</i> , 2017, 121, 113-124.	2.0	52
4992	Adipose-derived stem cells were impaired in restricting CD4 + T cell proliferation and polarization in type 2 diabetic ApoE Δ/Δ mouse. <i>Molecular Immunology</i> , 2017, 87, 152-160.	1.0	17
4993	Old and new challenges in Parkinson's disease therapeutics. <i>Progress in Neurobiology</i> , 2017, 156, 69-89.	2.8	69
4994	Umbilical cord-derived mesenchymal stem cells on scaffolds facilitate collagen degradation via upregulation of MMP-9 in rat uterine scars. <i>Stem Cell Research and Therapy</i> , 2017, 8, 84.	2.4	101
4995	Potential of Osteoblastic Cells Derived from Bone Marrow and Adipose Tissue Associated with a Polymer/Ceramic Composite to Repair Bone Tissue. <i>Calcified Tissue International</i> , 2017, 101, 312-320.	1.5	32
4996	Regulatory perspective on in vitro potency assays for human mesenchymal stromal cells used in immunotherapy. <i>Cytotherapy</i> , 2017, 19, 784-797.	0.3	98
4997	Mesenchymal Stem Cells and Their Role in Dental Medicine. <i>Dental Clinics of North America</i> , 2017, 61, 161-172.	0.8	12
4998	Isolation and characterization of equine dental pulp stem cells derived from Thoroughbred wolf teeth. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 47-51.	0.3	6
4999	Mesenchymal stem cells: a promising tool for targeted gene therapy of endometriosis. <i>Regenerative Medicine</i> , 2017, 12, 69-76.	0.8	11
5000	Apigenin inhibited hypoxia induced stem cell marker expression in a head and neck squamous cell carcinoma cell line. <i>Archives of Oral Biology</i> , 2017, 74, 69-74.	0.8	40
5001	Pericytes, integral components of adult hematopoietic stem cell niches. , 2017, 171, 104-113.		44
5002	The role of mesenchymal stem cells in oncology and regenerative medicine. <i>Future Oncology</i> , 2017, 13, 821-831.	1.1	5
5003	Theobromine Upregulates Osteogenesis by Human Mesenchymal Stem Cells In Vitro and Accelerates Bone Development in Rats. <i>Calcified Tissue International</i> , 2017, 100, 298-310.	1.5	15
5004	PPAR δ : A master regulator of mesenchymal stem cell functions. <i>Biochimie</i> , 2017, 136, 55-58.	1.3	7
5005	The potential of enriched mesenchymal stem cells with neural crest cell phenotypes as a cell source for regenerative dentistry. <i>Japanese Dental Science Review</i> , 2017, 53, 25-33.	2.0	18
5006	Mesenchymal stem cell therapy in Parkinson's disease animal models. <i>Current Research in Translational Medicine</i> , 2017, 65, 51-60.	1.2	33

#	ARTICLE	IF	CITATIONS
5007	Cartilage repair by mesenchymal stem cells: Clinical trial update and perspectives. <i>Journal of Orthopaedic Translation</i> , 2017, 9, 76-88.	1.9	146
5008	Cellularizing hydrogel-based scaffolds to repair bone tissue: How to create a physiologically relevant micro-environment?. <i>Journal of Tissue Engineering</i> , 2017, 8, 204173141771207.	2.3	90
5009	Cells as advanced therapeutics: State-of-the-art, challenges, and opportunities in large scale biomanufacturing of high-quality cells for adoptive immunotherapies. <i>Advanced Drug Delivery Reviews</i> , 2017, 114, 222-239.	6.6	52
5010	Adipose tissue-derived stromal vascular fraction in regenerative medicine: a brief review on biology and translation. <i>Stem Cell Research and Therapy</i> , 2017, 8, 145.	2.4	345
5011	Enhanced chondrogenesis of bone marrow-derived stem cells by using a combinatory cell therapy strategy with BMP-2/TGF- β 1, hypoxia, and COL1A1/HtrA1 siRNAs. <i>Scientific Reports</i> , 2017, 7, 3406.	1.6	35
5012	Mesenchymal Stem Cells (MSCs) Attenuate Cutaneous Sclerodermatous Graft-Versus-Host Disease (Scl-CVHD) through Inhibition of Immune Cell Infiltration in a Mouse Model. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1895-1904.	0.3	34
5013	Dendritic Cell-derived Extracellular Vesicles mediate Mesenchymal Stem/Stromal Cell recruitment. <i>Scientific Reports</i> , 2017, 7, 1667.	1.6	62
5014	Chitosan-coated amyloid fibrils increase adipogenesis of mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2017, 79, 363-371.	3.8	16
5015	Therapeutic Use of Stem Cells in Treatment of Burn Injuries. <i>Journal of Burn Care and Research</i> , 2017, 39, 1.	0.2	12
5016	Analysis of the Adherence of Dental Pulp Stem Cells on Two-Dimensional and Three-Dimensional Silk Fibroin-Based Biomaterials. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 939-943.	0.3	9
5017	Characteristics, applications and prospects of mesenchymal stem cells in cell therapy. <i>Medicina Clínica (English Edition)</i> , 2017, 148, 408-414.	0.1	25
5018	The production method affects the efficacy of platelet derivatives to expand mesenchymal stromal cells in vitro. <i>Journal of Translational Medicine</i> , 2017, 15, 90.	1.8	28
5019	Adipose-Derived Mesenchymal Stem Cells for Treatment Tertiary Failure Diabetes Mellitus Type 2. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 0, 31, 91-95.	0.5	1
5020	Impact of early subcultures on stemness, migration and angiogenic potential of adipose tissue-derived stem cells and their resistance to in vitro ischemic condition. <i>Cytotechnology</i> , 2017, 69, 885-900.	0.7	15
5021	Intranasal administration of mesenchymoangioblast-derived mesenchymal stem cells abrogates airway fibrosis and airway hyperresponsiveness associated with chronic allergic airways disease. <i>FASEB Journal</i> , 2017, 31, 4168-4178.	0.2	21
5022	Cell Transplantation Therapy for Glaucoma. , 2017, , 65-76.		0
5023	Process development of human multipotent stromal cell microcarrier culture using an automated high-throughput microbioreactor. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2253-2266.	1.7	35
5024	microRNA Regulation of Skeletal Development. <i>Current Osteoporosis Reports</i> , 2017, 15, 353-366.	1.5	32

#	ARTICLE	IF	CITATIONS
5025	Molecular signatures of secretomes from mesenchymal stem cells: therapeutic benefits. <i>Molecular and Cellular Toxicology</i> , 2017, 13, 133-141.	0.8	9
5026	Platelet-rich plasma respectively reduces and promotes adipogenic and myofibroblastic differentiation of human adipose-derived stromal cells via the TGF β ² signalling pathway. <i>Scientific Reports</i> , 2017, 7, 2954.	1.6	17
5027	Safety and tolerability of autologous bone marrow mesenchymal stromal cells in ADPKD patients. <i>Stem Cell Research and Therapy</i> , 2017, 8, 116.	2.4	57
5028	Intravenous infusion umbilical cord-derived mesenchymal stem cell in primary immune thrombocytopenia: A two-year follow-up. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2255-2258.	0.8	20
5029	Expansion of adipose tissue-derived stromal cells at hypoxia attenuates replicative senescence. <i>Cell Biochemistry and Function</i> , 2017, 35, 232-243.	1.4	13
5030	Inhibition of neuropathic hyperalgesia by intrathecal bone marrow stromal cells is associated with alteration of multiple soluble factors in cerebrospinal fluid. <i>Experimental Brain Research</i> , 2017, 235, 2627-2638.	0.7	12
5031	The effect of histone deacetylase inhibitor trichostatin A on porcine mesenchymal stem cell transcriptome. <i>Biochimie</i> , 2017, 139, 56-73.	1.3	8
5032	Advances in translational inner ear stem cell research. <i>Hearing Research</i> , 2017, 353, 76-86.	0.9	15
5033	Characteristics and potentials of stem cells derived from human degenerated nucleus pulposus: potential for regeneration of the intervertebral disc. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 242.	0.8	38
5034	Optimizing conditions for labeling of mesenchymal stromal cells (MSCs) with gold nanoparticles: a prerequisite for in vivo tracking of MSCs. <i>Journal of Nanobiotechnology</i> , 2017, 15, 24.	4.2	31
5035	BMP signaling orchestrates a transcriptional network to control the fate of mesenchymal stem cells in mice. <i>Development (Cambridge)</i> , 2017, 144, 2560-2569.	1.2	57
5036	Characterization and use of Equine Bone Marrow Mesenchymal Stem Cells in Equine Cartilage Engineering. Study of their Hyaline Cartilage Forming Potential when Cultured under Hypoxia within a Biomaterial in the Presence of BMP-2 and TGF β 1. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 611-630.	5.6	29
5037	Mesenchymal stem cell in venous leg ulcer: An intoxicating therapy. <i>Journal of Tissue Viability</i> , 2017, 26, 216-223.	0.9	14
5038	Immunopropoapptotic molecule scFv-Fdt-tBid modified mesenchymal stem cells for prostate cancer dual-targeted therapy. <i>Cancer Letters</i> , 2017, 402, 32-42.	3.2	15
5039	Design of a hybrid biomaterial for tissue engineering: Biopolymer-scaffold integrated with an autologous hydrogel carrying mesenchymal stem-cells. <i>Materials Science and Engineering C</i> , 2017, 79, 821-830.	3.8	27
5040	Detailed Characterization of Mesenchymal Stem/Stromal Cells from a Large Cohort of AML Patients Demonstrates a Definitive Link to Treatment Outcomes. <i>Stem Cell Reports</i> , 2017, 8, 1573-1586.	2.3	73
5041	Connecting Bone and Fat: the Potential Role for Sclerostin. <i>Current Molecular Biology Reports</i> , 2017, 3, 114-121.	0.8	37
5042	HIV β p53 β protein induces senescence of human bone marrow mesenchymal stem cells and reduces their capacity to support expansion of hematopoietic stem cells in vitro. <i>Cell Biology International</i> , 2017, 41, 969-981.	1.4	12

#	ARTICLE	IF	CITATIONS
5043	Letter by Takov et al Regarding Article, "Fabrication of Synthetic Mesenchymal Stem Cells for the Treatment of Acute Myocardial Infarction in Mice". <i>Circulation Research</i> , 2017, 120, e46-e47.	2.0	1
5044	ERK1/2 signaling mediated naringin-induced osteogenic differentiation of immortalized human periodontal ligament stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 319-325.	1.0	27
5045	Mesenchymal Stromal Cells as Anti-Inflammatory and Regenerative Mediators for Donor Kidneys During Normothermic Machine Perfusion. <i>Stem Cells and Development</i> , 2017, 26, 1162-1170.	1.1	39
5046	Cell Culture Methods. , 2017, , 619-635.		0
5047	Quiescent adult stem cells in murine teeth are regulated by Shh signaling. <i>Cell and Tissue Research</i> , 2017, 369, 497-512.	1.5	25
5048	Graphene nanoparticles as osteoinductive and osteoconductive platform for stem cell and bone regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2117-2126.	1.7	52
5049	In vitro expansion impaired the stemness of early passage mesenchymal stem cells for treatment of cartilage defects. <i>Cell Death and Disease</i> , 2017, 8, e2851-e2851.	2.7	105
5050	Clinical observation of umbilical cord mesenchymal stem cell treatment of severe idiopathic pulmonary fibrosis: A case report. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1922-1926.	0.8	30
5051	Complement C5a induces mesenchymal stem cell apoptosis during the progression of chronic diabetic complications. <i>Diabetologia</i> , 2017, 60, 1822-1833.	2.9	18
5052	Development of a novel method for amniotic fluid stem cell storage. <i>Cytotherapy</i> , 2017, 19, 1002-1012.	0.3	10
5053	d-Alanine 2, Leucine 5 Enkephaline (DADLE)-mediated DOR activation augments human hUCB-BFs viability subjected to oxidative stress via attenuation of the UPR. <i>Stem Cell Research</i> , 2017, 22, 20-28.	0.3	9
5054	A possible role of stem cells in nasal polyposis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1868-1873.	2.7	14
5055	Mesenchymal Stromal Cells Modulate Macrophages in Clinically Relevant Lung Injury Models by Extracellular Vesicle Mitochondrial Transfer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1275-1286.	2.5	517
5056	Comparison of biological characteristics of nucleus pulposus mesenchymal stem cells derived from non-degenerative and degenerative human nucleus pulposus. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 3574-3580.	0.8	24
5057	Allogeneic MSCs and Recycled Autologous Chondrons Mixed in a One-Stage Cartilage Cell Transplantation: A First-in-Man Trial in 35 Patients. <i>Stem Cells</i> , 2017, 35, 1984-1993.	1.4	109
5058	Stem Cell Therapy for Type-1 Diabetes Mellitus. <i>Stem Cells in Clinical Applications</i> , 2017, , 35-72.	0.4	0
5059	A Method for the Activation of Platelet-Rich Plasma via Bead Mill Homogenizer for Mesenchymal Stem Cell Culture. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 465-473.	1.1	5
5060	Therapeutic Efficacy of Fresh, Allogeneic Mesenchymal Stem Cells for Severe Refractory Feline Chronic Gingivostomatitis. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1710-1722.	1.6	74

#	ARTICLE	IF	CITATIONS
5061	3D screening device for the evaluation of cell response to different electrospun microtopographies. <i>Acta Biomaterialia</i> , 2017, 55, 310-322.	4.1	16
5062	Biologic Options for Articular Cartilage Wear (Platelet-Rich Plasma, Stem Cells, Bone Marrow) <i>Tissue Engineering</i> , 2017, 21, 1078-1088.	0.9	40
5063	Of Cytometry, Stem Cells and Fountain of Youth. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 465-481.	5.6	16
5064	CD73-derived adenosine and tenascin control cytokine production by epicardium-derived cells formed after myocardial infarction. <i>FASEB Journal</i> , 2017, 31, 3040-3053.	0.2	26
5065	The geometrical shape of mesenchymal stromal cells measured by quantitative shape descriptors is determined by the stiffness of the biomaterial and by cyclic tensile forces. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3508-3522.	1.3	38
5066	Effects of a defined xeno-free medium on the growth and neurotrophic and angiogenic properties of human adult stem cells. <i>Cytotherapy</i> , 2017, 19, 629-639.	0.3	11
5067	Adipose-derived stem cell therapies for bone regeneration. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 677-689.	1.4	55
5068	Graphene oxide enrichment of collagen membranes improves DPSCs differentiation and controls inflammation occurrence. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2312-2320.	2.1	45
5069	Mesenchymal Stem Cell Microvesicles Attenuate Acute Lung Injury in Mice Partly Mediated by <i>Ang-1</i> mRNA. <i>Stem Cells</i> , 2017, 35, 1849-1859.	1.4	154
5070	Enhancement of individual differences in proliferation and differentiation potentials of aged human adipose-derived stem cells. <i>Regenerative Therapy</i> , 2017, 6, 29-40.	1.4	33
5071	Cytotoxicity of GuttaFlow Bioseal, GuttaFlow2, MTA Fillapex, and AH Plus on Human Periodontal Ligament Stem Cells. <i>Journal of Endodontics</i> , 2017, 43, 816-822.	1.4	72
5072	Xenogeneic transplantation of human adipose-derived stem cell sheets accelerate angiogenesis and the healing of skin wounds in a Zucker Diabetic Fatty rat model of obese diabetes. <i>Regenerative Therapy</i> , 2017, 6, 65-73.	1.4	19
5073	HEMOXCell, a New Oxygen Carrier Usable as an Additive for Mesenchymal Stem Cell Culture in Platelet Lysate-Supplemented Media. <i>Artificial Organs</i> , 2017, 41, 359-371.	1.0	24
5074	The exciting "bench to bedside" journey of cell therapies for acute kidney injury and renal transplantation. <i>Journal of Nephrology</i> , 2017, 30, 319-336.	0.9	9
5075	Cell sheet engineering using the stromal vascular fraction of adipose tissue as a vascularization strategy. <i>Acta Biomaterialia</i> , 2017, 55, 131-143.	4.1	34
5076	Bioprinters in Use Today. , 2017, , 65-80.		0
5077	Microlens topography combined with vascular endothelial growth factor induces endothelial differentiation of human mesenchymal stem cells into vasculogenic progenitors. <i>Biomaterials</i> , 2017, 131, 68-85.	5.7	16
5078	Human Amniocytes Are Receptive to Chemically Induced Reprogramming to Pluripotency. <i>Molecular Therapy</i> , 2017, 25, 427-442.	3.7	10

#	ARTICLE	IF	CITATIONS
5079	Equine Mesenchymal Stromal Cells Retain a Pericyte-Like Phenotype. <i>Stem Cells and Development</i> , 2017, 26, 964-972.	1.1	33
5080	Extracellular matrix mimicking scaffold promotes osteogenic stem cell differentiation: A new approach in Osteoporosis research. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, 87-103.	0.4	1
5081	Senescence of mesenchymal stem cells (Review). <i>International Journal of Molecular Medicine</i> , 2017, 39, 775-782.	1.8	201
5082	Mechanobiology of mesenchymal stem cells: Which interest for cell-based treatment?. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, S47-S56.	0.4	8
5083	Mesenchymal Stem Cell Therapy for the Treatment of Heart Failure Caused by Ischemic or Non-ischemic Cardiomyopathy: Immunosuppression and Its Implications. <i>Handbook of Experimental Pharmacology</i> , 2017, 243, 329-353.	0.9	7
5084	Assessment of bone regeneration of a tissue-engineered bone complex using human dental pulp stem cells/poly(L-lactide)-biphasic calcium phosphate scaffold constructs in rabbit calvarial defects. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 77.	1.7	45
5085	The combination of three-dimensional and rotary cell culture system promotes the proliferation and maintains the differentiation potential of rat BMSCs. <i>Scientific Reports</i> , 2017, 7, 192.	1.6	23
5086	Macrophage Response to Allogeneic Adipose Tissue-Derived Stromal Cells in Hyaluronan-Based Hydrogel in a Porcine Vocal Fold Injury Model. <i>Annals of Otology, Rhinology and Laryngology</i> , 2017, 126, 463-477.	0.6	5
5087	Persistence and proliferation of human mesenchymal stromal cells in the right ventricular myocardium after intracoronary injection in a large animal model of pulmonary hypertension. <i>Cytotherapy</i> , 2017, 19, 668-679.	0.3	12
5088	Dental and orofacial mesenchymal stem cells in craniofacial regeneration: The prosthodontist's point of view. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 455-461.	1.1	27
5089	Human and feline adipose-derived mesenchymal stem cells have comparable phenotype, immunomodulatory functions, and transcriptome. <i>Stem Cell Research and Therapy</i> , 2017, 8, 69.	2.4	42
5090	Isolation and Characterization of Human Chorionic Membranes Mesenchymal Stem Cells and Their Neural Differentiation. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 143-151.	1.6	5
5091	Cell-Based Meniscus Repair and Regeneration: At the Brink of Clinical Translation?. <i>Orthopaedic Journal of Sports Medicine</i> , 2017, 5, 232596711769013.	0.8	38
5092	Isolation, Culture, and Expansion of Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2017, 1590, 177-190.	0.4	20
5093	Bone Morphogenetic Protein 2 Alters Osteogenesis and Anti-Inflammatory Profiles of Mesenchymal Stem Cells Induced by Microtextured Titanium <i>In Vitro</i> . <i>Tissue Engineering - Part A</i> , 2017, 23, 1132-1141.	1.6	24
5094	Fluorescent nanodiamonds enable quantitative tracking of human mesenchymal stem cells in miniature pigs. <i>Scientific Reports</i> , 2017, 7, 45607.	1.6	68
5095	Left Ventricular Dysfunction Switches Mesenchymal Stromal Cells Toward an Inflammatory Phenotype and Impairs Their Reparative Properties Via Toll-Like Receptor-4. <i>Circulation</i> , 2017, 135, 2271-2287.	1.6	53
5096	Cryopreservation and multipotential characteristics evaluation of a novel type of mesenchymal stem cells derived from Small Tailed Han Sheep fetal lung tissue. <i>Cryobiology</i> , 2017, 75, 7-14.	0.3	11

#	ARTICLE	IF	CITATIONS
5097	Infusion of mesenchymal stromal cells after deceased liver transplantation: A phase II, open-label, clinical study. <i>Journal of Hepatology</i> , 2017, 67, 47-55.	1.8	110
5098	Mesenchymal stromal cell infusion to treat steroid-refractory acute GvHD III/IV after hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2017, 52, 859-862.	1.3	87
5099	Influence of temperature fluctuations during cryopreservation on vital parameters, differentiation potential, and transgene expression of placental multipotent stromal cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 66.	2.4	31
5100	Human mesenchymal stromal cells inhibit tumor growth in orthotopic glioblastoma xenografts. <i>Stem Cell Research and Therapy</i> , 2017, 8, 53.	2.4	57
5101	Effects of different concentrations of Platelet-rich Plasma and Platelet-Poor Plasma on vitality and differentiation of autologous Adipose tissue-derived stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 66, 47-55.	0.9	14
5102	Biodegradable and bio-reducible poly(beta-amino ester) nanoparticles for intracellular delivery to treat brain cancer. <i>AIChE Journal</i> , 2017, 63, 1470-1482.	1.8	6
5103	Standardization of Criteria Defining Periodontal Ligament Stem Cells. <i>Journal of Dental Research</i> , 2017, 96, 487-490.	2.5	33
5104	Three-dimensional carbon nanotube scaffolds for long-term maintenance and expansion of human mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1927-1939.	2.1	15
5105	Mesenchymal Stem Cells Modulate Differentiation of Myeloid Progenitor Cells During Inflammation. <i>Stem Cells</i> , 2017, 35, 1532-1541.	1.4	32
5106	High Aldehyde Dehydrogenase Activity Identifies a Subset of Human Mesenchymal Stromal Cells with Vascular Regenerative Potential. <i>Stem Cells</i> , 2017, 35, 1542-1553.	1.4	52
5107	Transplantation of betatrophin-expressing adipose-derived mesenchymal stem cells induces β 2-cell proliferation in diabetic mice. <i>International Journal of Molecular Medicine</i> , 2017, 39, 936-948.	1.8	22
5108	Spinal cord injuries: how could cell therapy help?. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 529-541.	1.4	64
5109	Concise Review: MSC Adhesion Cascade—Insights into Homing and Transendothelial Migration. <i>Stem Cells</i> , 2017, 35, 1446-1460.	1.4	275
5110	Analysis of Cell Therapies Used in Clinical Trials for the Treatment of Osteonecrosis of the Femoral Head: A Systematic Review of the Literature. <i>Journal of Arthroplasty</i> , 2017, 32, 2612-2618.	1.5	59
5111	Efficient Generation of Chemically Induced Mesenchymal Stem Cells from Human Dermal Fibroblasts. <i>Scientific Reports</i> , 2017, 7, 44534.	1.6	26
5112	Biological Behavior of Human Nucleus Pulposus Mesenchymal Stem Cells in Response to Changes in the Acidic Environment During Intervertebral Disc Degeneration. <i>Stem Cells and Development</i> , 2017, 26, 901-911.	1.1	66
5113	Cryopreservation Method for the Effective Collection of Dental Pulp Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 251-261.	1.1	16
5114	Fifty Years of Research in ARDS. Cell-based Therapy for Acute Respiratory Distress Syndrome. <i>Biology and Potential Therapeutic Value. American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 266-273.	2.5	179

#	ARTICLE	IF	CITATIONS
5115	Restored in vivo-like membrane lipidomics positively influence in vitro features of cultured mesenchymal stromal/stem cells derived from human placenta. <i>Stem Cell Research and Therapy</i> , 2017, 8, 31.	2.4	24
5116	Combined Bone Marrow-Derived Mesenchymal Stromal Cell Therapy and One-Way Endobronchial Valve Placement in Patients with Pulmonary Emphysema: A Phase I Clinical Trial. <i>Stem Cells Translational Medicine</i> , 2017, 6, 962-969.	1.6	68
5117	Pericytes, an overlooked player in vascular pathobiology. , 2017, 171, 30-42.		165
5118	Tetramethylpyrazine Protects Against Glucocorticoid-Induced Apoptosis by Promoting Autophagy in Mesenchymal Stem Cells and Improves Bone Mass in Glucocorticoid-Induced Osteoporosis Rats. <i>Stem Cells and Development</i> , 2017, 26, 419-430.	1.1	38
5119	Regulation of PPAR β and CIDEC expression by adenovirus 36 in adipocyte differentiation. <i>Molecular and Cellular Biochemistry</i> , 2017, 428, 1-8.	1.4	6
5120	In-vivo quantification of the revascularization of a human acellular dermis seeded with EPCs and MSCs in co-culture with fibroblasts and pericytes in the dorsal chamber model in pre-irradiated tissue. <i>Cell and Tissue Banking</i> , 2017, 18, 27-43.	0.5	7
5121	The Mesenchymal Precursor Cell Marker Antibody STRO-1 Binds to Cell Surface Heat Shock Cognate 70. <i>Stem Cells</i> , 2017, 35, 940-951.	1.4	33
5122	Conditioned Medium from Periodontal Ligament Stem Cells Enhances Periodontal Regeneration. <i>Tissue Engineering - Part A</i> , 2017, 23, 367-377.	1.6	124
5123	Calcium-gated K ⁺ channels of the KCa1.1- and KCa3.1-type couple intracellular Ca ²⁺ signals to membrane hyperpolarization in mesenchymal stromal cells from the human adipose tissue. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 349-362.	1.3	7
5124	Histopathological evaluation and expression of the pluripotent mesenchymal stem cell-like markers CD105 and CD44 in the synovial membrane of patients with primary versus secondary hip osteoarthritis. <i>Journal of Investigative Medicine</i> , 2017, 65, 363-369.	0.7	7
5125	Biological characters of human dermal fibroblasts derived from foreskin of male infertile patients. <i>Tissue and Cell</i> , 2017, 49, 56-63.	1.0	17
5126	Stem and Progenitor Cells for Cartilage Repair: Source, Safety, Evidence, and Efficacy. <i>Operative Techniques in Sports Medicine</i> , 2017, 25, 25-33.	0.2	10
5127	Breast tumor stroma: A driving force in the development of resistance to therapies. <i>Chemical Biology and Drug Design</i> , 2017, 89, 309-318.	1.5	58
5128	Isolation, proliferation and characterization of endometrial canine stem cells. <i>Reproduction in Domestic Animals</i> , 2017, 52, 235-242.	0.6	22
5129	Identifying the optimum source of mesenchymal stem cells for use in knee surgery. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1868-1875.	1.2	32
5130	Regenerative Potential of Mesenchymal Stem Cells: Therapeutic Applications in Lung Disorders. <i>Stem Cells in Clinical Applications</i> , 2017, , 77-117.	0.4	1
5131	Stem Cells in Male Sexual Dysfunction: Are We Getting Somewhere?. <i>Sexual Medicine Reviews</i> , 2017, 5, 222-235.	1.5	34
5132	Leukemic blasts program bone marrow adipocytes to generate a protumoral microenvironment. <i>Blood</i> , 2017, 129, 1320-1332.	0.6	226

#	ARTICLE	IF	CITATIONS
5133	Overview of retinal differentiation potential of mesenchymal stem cells: A promising approach for retinal cell therapy. <i>Annals of Anatomy</i> , 2017, 210, 52-63.	1.0	23
5134	Can mesenchymal stem cells improve spermatogonial stem cell transplantation efficiency?. <i>Andrology</i> , 2017, 5, 2-9.	1.9	19
5135	Ischemic Stroke Pathophysiology and Cell Therapy. , 2017, , 1-36.		0
5136	Assessment of Multipotent Mesenchymal Stromal Cells in Bone Marrow Aspirate From Human Calcaneus. <i>Journal of Foot and Ankle Surgery</i> , 2017, 56, 42-46.	0.5	8
5137	The administration of multipotent stromal cells at precancerous stage precludes tumor growth and epithelial dedifferentiation of oral squamous cell carcinoma. <i>Stem Cell Research</i> , 2017, 18, 5-13.	0.3	13
5138	Precise injection of human mesenchymal stromal cells in the urethral sphincter complex of C57BL/6 mice without unspecific bulking effects. <i>Neurourology and Urodynamics</i> , 2017, 36, 1723-1733.	0.8	16
5139	Engineered LINE-1 retrotransposition in nondividing human neurons. <i>Genome Research</i> , 2017, 27, 335-348.	2.4	128
5140	Intraarticular and intravenous administration of 99mTc-HMPAO-labeled human mesenchymal stem cells (99mTc-AH-MSCS): In vivo imaging and biodistribution. <i>Nuclear Medicine and Biology</i> , 2017, 46, 36-42.	0.3	15
5141	Mesenchymal stem cells in the aseptic loosening of total joint replacements. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1195-1207.	2.1	43
5142	Cell Therapy in Chronic Liver Disease. <i>Stem Cells in Clinical Applications</i> , 2017, , 15-39.	0.4	0
5143	Hematopoietic and mesenchymal stem cells: a promising new therapy for spondyloarthritis?. <i>Immunotherapy</i> , 2017, 9, 899-911.	1.0	5
5144	Prenatal Exposure to LPS Alters The Intrarenal RAS in Offspring, Which Is Ameliorated by Adipose Tissue-Derived Mesenchymal Stem Cells. <i>American Journal of Hypertension</i> , 2017, 30, 1211-1219.	1.0	5
5145	Concise Review: Multifaceted Characterization of Human Mesenchymal Stem Cells for Use in Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2173-2185.	1.6	502
5146	Concise Review: Cancer Cells, Cancer Stem Cells, and Mesenchymal Stem Cells: Influence in Cancer Development. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2115-2125.	1.6	232
5147	Human Periodontal Ligament- and Gingiva-Derived Mesenchymal Stem Cells Promote Nerve Regeneration When Encapsulated in Alginate/Hyaluronic Acid 3D Scaffold. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700670.	3.9	59
5148	TLR expression profile of human alveolar bone proper-derived stem/progenitor cells and osteoblasts. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 2054-2060.	0.7	28
5149	Can We Cure Bronchopulmonary Dysplasia?. <i>Journal of Pediatrics</i> , 2017, 191, 12-14.	0.9	11
5150	Impaired Function of Bone Marrow Mesenchymal Stem Cells from Immune Thrombocytopenia Patients in Inducing Regulatory Dendritic Cell Differentiation Through the Notch-1/Jagged-1 Signaling Pathway. <i>Stem Cells and Development</i> , 2017, 26, 1648-1661.	1.1	36

#	ARTICLE	IF	CITATIONS
5151	Mesenchymal stem cells and conditioned media in the treatment of multiple sclerosis patients: Clinical, ophthalmological and radiological assessments of safety and efficacy. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 866-874.	1.9	98
5152	SDF-1 improves wound healing ability of glucocorticoid-treated adipose tissue-derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 1010-1017.	1.0	14
5153	Human Amniotic Membrane Mesenchymal Stem Cells inhibit Neutrophil Extracellular Traps through TSG-6. <i>Scientific Reports</i> , 2017, 7, 12426.	1.6	40
5154	Early passage autologous mesenchymal stromal cells accelerate diabetic wound re-epithelialization: A clinical case study. <i>Cytotherapy</i> , 2017, 19, 1548-1550.	0.3	17
5155	The neurotrophic effects of different human dental mesenchymal stem cells. <i>Scientific Reports</i> , 2017, 7, 12605.	1.6	102
5156	Autoimmune Responses to Exosomes and Candidate Antigens Contribute to Type 1 Diabetes in Non-Obese Diabetic Mice. <i>Current Diabetes Reports</i> , 2017, 17, 130.	1.7	16
5157	Tumor Microenvironment Heterogeneity: Challenges and Opportunities. <i>Current Molecular Biology Reports</i> , 2017, 3, 218-229.	0.8	102
5158	Osteogenic Programming of Human Mesenchymal Stem Cells with Highly Efficient Intracellular Delivery of RUNX2. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2146-2159.	1.6	66
5159	The Efficiency of Bone Marrow Aspiration for the Harvest of Connective Tissue Progenitors from the Human Iliac Crest. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 1673-1682.	1.4	37
5160	Differentiation of mesenchymal stem cells from human amniotic fluid to cardiomyocyte-like cells. <i>Molecular Medicine Reports</i> , 2017, 16, 6068-6076.	1.1	21
5161	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. <i>European Journal of Immunology</i> , 2017, 47, 1584-1797.	1.6	505
5162	Mesenchymal-like stem cells in canine ovary show high differentiation potential. <i>Cell Proliferation</i> , 2017, 50, e12391.	2.4	19
5163	Cell Therapy in Liver Diseases. , 2017, , 173-194.		0
5164	Prospects and Retrospect of Clinical Applications of Stem Cells in Veterinary Animals. , 2017, , 299-308.		0
5165	Human Mesenchymal Stem Cell (hMSC) -Derived Exosomes/Exosome Mimetics as a Potential Novel Therapeutic Tool for Regenerative Medicine. , 2017, , 81-97.		2
5166	The combined strategy of mesenchymal stem cells and tissue-engineered scaffolds for spinal cord injury regeneration. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 3355-3368.	0.8	34
5167	Clinical Trials of Cardiac Regeneration Using Adult Stem Cells: Current and Future Prospects. , 2017, , 359-379.		1
5168	Safety and Efficacy of the Intravenous Infusion of Umbilical Cord Mesenchymal Stem Cells in Patients With Heart Failure. <i>Circulation Research</i> , 2017, 121, 1192-1204.	2.0	319

#	ARTICLE	IF	CITATIONS
5169	Comparative analyses of industrial-scale human platelet lysate preparations. <i>Transfusion</i> , 2017, 57, 2858-2869.	0.8	29
5170	Influence of Bovine Serum Lipids and Fetal Bovine Serum on the Expression of Cell Surface Markers in Cultured Bovine Preadipocytes. <i>Cells Tissues Organs</i> , 2017, 204, 13-24.	1.3	11
5171	Mesenchymal stromal cells protect human cardiomyocytes from amyloid fibril damage. <i>Cytotherapy</i> , 2017, 19, 1426-1437.	0.3	9
5172	Material Viscoelastic Properties Modulate the Mesenchymal Stem Cell Secretome for Applications in Hematopoietic Recovery. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 3292-3306.	2.6	17
5173	Mesenchymal Stromal Cell Therapy in Bronchopulmonary Dysplasia: Systematic Review and Meta-Analysis of Preclinical Studies. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2079-2093.	1.6	113
5174	HDAC6 deficiency induces apoptosis in mesenchymal stem cells through p53 K120 acetylation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 51-56.	1.0	16
5175	A Novel Technique for Accelerated Culture of Murine Mesenchymal Stem Cells that Allows for Sustained Multipotency. <i>Scientific Reports</i> , 2017, 7, 13334.	1.6	34
5176	Phenotype characterization of human melanoma cells resistant to dabrafenib. <i>Oncology Reports</i> , 2017, 38, 2741-2751.	1.2	22
5177	Inferior In Vivo Osteogenesis and Superior Angiogenesis of Human Adipose-Derived Stem Cells Compared with Bone Marrow-Derived Stem Cells Cultured in Xeno-Free Conditions. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2160-2172.	1.6	67
5178	DADLE enhances viability and anti-inflammatory effect of human MSCs subjected to serum free apoptotic condition in part via the DOR/PI3K/AKT pathway. <i>Life Sciences</i> , 2017, 191, 195-204.	2.0	16
5179	Concise Review: Mesenchymal Stem Cells in Cardiovascular Regeneration: Emerging Research Directions and Clinical Applications. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1859-1867.	1.6	92
5180	Concise Review: Musculoskeletal Stem Cells to Treat Age-Related Osteoporosis. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1930-1939.	1.6	49
5181	From direct to indirect lithium targets: a comprehensive review of omics data. <i>Metallomics</i> , 2017, 9, 1326-1351.	1.0	34
5182	Isolation and Culture of Adipose-Derived Stromal Cells from Subcutaneous Fat. <i>Methods in Molecular Biology</i> , 2017, 1627, 193-203.	0.4	4
5183	The microenvironment in myelodysplastic syndromes: Niche-mediated disease initiation and progression. <i>Experimental Hematology</i> , 2017, 55, 3-18.	0.2	47
5184	A Novel Clinical Grade Isolation Method for Human Kidney Perivascular Stromal Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	3
5185	Ultrastructural characteristics of ovine bone marrow-derived mesenchymal stromal cells cultured with a silicon stabilized tricalcium phosphate bioceramic. <i>Microscopy Research and Technique</i> , 2017, 80, 1189-1198.	1.2	2
5186	Mesenchymal stromal/stem cell separation methods: concise review. <i>Cell and Tissue Banking</i> , 2017, 18, 443-460.	0.5	22

#	ARTICLE	IF	CITATIONS
5187	MiR-495 Promotes Senescence of Mesenchymal Stem Cells by Targeting Bmi-1. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 780-796.	1.1	38
5188	Mesenchymal Stem Cells Relevance in Multicellular Bioengineered 3D In Vitro Tumor Models. <i>Biotechnology Journal</i> , 2017, 12, 1700079.	1.8	10
5189	Stem Cell Therapy in Duchenne Muscular Dystrophy. <i>Molecular and Translational Medicine</i> , 2017, , 297-317.	0.4	0
5190	Reprint of "Multiphase mixing characteristics in a microcarrier-based stirred tank bioreactor suitable for human mesenchymal stem cell expansion" <i>Process Biochemistry</i> , 2017, 59, 266-275.	1.8	3
5191	Three-dimensional cell culture of human mesenchymal stem cells in nanofibrillar cellulose hydrogels. <i>MRS Communications</i> , 2017, 7, 458-465.	0.8	30
5192	Exosomes from Glioma-Associated Mesenchymal Stem Cells Increase the Tumorigenicity of Glioma Stem-like Cells via Transfer of miR-1587. <i>Cancer Research</i> , 2017, 77, 5808-5819.	0.4	169
5193	Comparison of Different Sources of Mesenchymal Stem Cells: Palatal versus Lipoaspirated Adipose Tissue. <i>Cells Tissues Organs</i> , 2017, 204, 228-240.	1.3	14
5194	TREM-2 negatively regulates LPS-mediated inflammatory response in rat bone marrow-derived MSCs. <i>Molecular Medicine Reports</i> , 2017, 16, 4777-4783.	1.1	5
5195	Stem cell-based peripheral vascular regeneration. <i>Advanced Drug Delivery Reviews</i> , 2017, 120, 25-40.	6.6	64
5196	A Low-Cost Technique for Intraoperative Imaging of Cell Delivery and Retention in a Model of Delayed Wound Healing. <i>Advances in Wound Care</i> , 2017, 6, 413-424.	2.6	1
5197	Micro-RNA Profiling of Exosomes from Marrow-Derived Mesenchymal Stromal Cells in Patients with Acute Myeloid Leukemia: Implications in Leukemogenesis. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 817-825.	5.6	65
5198	Induction of Immunogenic Cell Death in Lymphoma Cells by Wharton's Jelly Mesenchymal Stem Cell Conditioned Medium. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 801-816.	5.6	12
5199	A canine liver fibrosis model to develop a therapy for liver cirrhosis using cultured bone marrow-derived cells. <i>Hepatology Communications</i> , 2017, 1, 691-703.	2.0	19
5200	Cryopreserved Off-the-Shelf Allogeneic Adipose-Derived Stromal Cells for Therapy in Patients with Ischemic Heart Disease and Heart Failure "A Safety Study. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1963-1971.	1.6	80
5201	Subchondral mesenchymal stem cells from osteoarthritic knees display high osteogenic differentiation capacity through microRNA-29a regulation of HDAC4. <i>Journal of Molecular Medicine</i> , 2017, 95, 1327-1340.	1.7	17
5202	Mesenchymal Stem Cells Engineering: Microcapsules-Assisted Gene Transfection and Magnetic Cell Separation. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2314-2324.	2.6	20
5203	Mesenchymal Stem Cells Overexpressing Interleukin-35 Propagate Immunosuppressive Effects in Mice. <i>Scandinavian Journal of Immunology</i> , 2017, 86, 389-395.	1.3	20
5204	Mesenchymal stem cells as therapeutic agents and in gene delivery for the treatment of glioma. <i>Journal of Zhejiang University: Science B</i> , 2017, 18, 737-746.	1.3	8

#	ARTICLE	IF	CITATIONS
5205	Targeting subchondral bone mesenchymal stem cell activities for intrinsic joint repair in osteoarthritis. <i>Future Science OA</i> , 2017, 3, FSO228.	0.9	21
5206	Runt-Related Transcription Factor 2 Induction During Differentiation of Wharton's Jelly Mesenchymal Stem Cells to Osteoblasts Is Regulated by Jumonji AT-Rich Interactive Domain 1B Histone Demethylase. <i>Stem Cells</i> , 2017, 35, 2430-2441.	1.4	22
5207	Comparative analysis of the biological effects of the endodontic bioactive cements MTA-Angelus, MTA Repair HP and NeoMTA Plus on human dental pulp stem cells. <i>International Endodontic Journal</i> , 2017, 50, e63-e72.	2.3	66
5208	Mechanical signals protect stem cell lineage selection, preserving the bone and muscle phenotypes in obesity. <i>Annals of the New York Academy of Sciences</i> , 2017, 1409, 33-50.	1.8	9
5209	Intravenous Preload of Mesenchymal Stem Cells Rescues Erectile Function in a Rat Model of Cavernous Nerve Injury. <i>Journal of Sexual Medicine</i> , 2017, 14, 1175-1175.	0.3	2
5210	Quantitative proteomic characterization of lung-MSC and bone marrow-MSC using DIA-mass spectrometry. <i>Scientific Reports</i> , 2017, 7, 9316.	1.6	33
5211	Single- Versus Multiple-Site Harvesting Techniques for Bone Marrow Concentrate: Evaluation of Aspirate Quality and Pain. <i>Orthopaedic Journal of Sports Medicine</i> , 2017, 5, 232596711772439.	0.8	38
5212	Hormonal Regulation of Adipogenesis. , 2017, 7, 1151-1195.		22
5213	Tumor-Derived Mesenchymal Stem Cells Use Distinct Mechanisms to Block the Activity of Natural Killer Cell Subsets. <i>Cell Reports</i> , 2017, 20, 2891-2905.	2.9	86
5214	Generation and use of a humanized bone-marrow-ossicle niche for hematopoietic xenotransplantation into mice. <i>Nature Protocols</i> , 2017, 12, 2169-2188.	5.5	57
5215	The Effects of Photobiomodulation Delivered by Light-Emitting Diode on Stem Cells from Human Exfoliated Deciduous Teeth: A Study on the Relevance to Pluripotent Stem Cell Viability and Proliferation. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 659-665.	2.1	10
5216	Dynamic Changes in Brain Mesenchymal Perivascular Cells Associate with Multiple Sclerosis Disease Duration, Active Inflammation, and Demyelination. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1840-1851.	1.6	39
5217	Biological and functional characterization of bone marrow-derived mesenchymal stromal cells from patients affected by primary immunodeficiency. <i>Scientific Reports</i> , 2017, 7, 8153.	1.6	17
5218	Generation and Evaluation of Novel Stromal Cell-Containing Tissue Engineered Artificial Stromas for the Surgical Repair of Abdominal Defects. <i>Biotechnology Journal</i> , 2017, 12, 1700078.	1.8	12
5219	Maximizing non-enzymatic methods for harvesting adipose-derived stem from lipoaspirate: technical considerations and clinical implications for regenerative surgery. <i>Scientific Reports</i> , 2017, 7, 10015.	1.6	41
5220	Advanced Scaffolds for Dental Pulp and Periodontal Regeneration. <i>Dental Clinics of North America</i> , 2017, 61, 689-711.	0.8	80
5221	Administration of mesenchymal stromal cells before renal ischemia/reperfusion attenuates kidney injury and may modulate renal lipid metabolism in rats. <i>Scientific Reports</i> , 2017, 7, 8687.	1.6	27
5222	Raman spectroscopy uncovers biochemical tissue-related features of extracellular vesicles from mesenchymal stromal cells. <i>Scientific Reports</i> , 2017, 7, 9820.	1.6	77

#	ARTICLE	IF	CITATIONS
5223	ALK1 signaling in development and disease: new paradigms. Cellular and Molecular Life Sciences, 2017, 74, 4539-4560.	2.4	76
5224	Long-term culture and differentiation of porcine red bone marrow hematopoietic cells co-cultured with immortalized mesenchymal cells. Veterinary Immunology and Immunopathology, 2017, 191, 44-50.	0.5	1
5225	Stem Cell-based Therapies for Sepsis. Anesthesiology, 2017, 127, 1017-1034.	1.3	49
5226	Injectable Mussel-Inspired Immobilization of Platelet-Rich Plasma on Microspheres Bridging Adipose Micro-tissues to Improve Autologous Fat Transplantation by Controlling Release of PDGF and VEGF, Angiogenesis, Stem Cell Migration. Advanced Healthcare Materials, 2017, 6, 1700131.	3.9	31
5227	Evaluation of Serum-Free, Xeno-Free Cryopreservation Solutions for Human Adipose-Derived Mesenchymal Stem Cells. Cell Medicine, 2017, 9, 15-20.	5.0	19
5228	Mesenchymal stem cell-derived factors: Immuno-modulatory effects and therapeutic potential. BioFactors, 2017, 43, 633-644.	2.6	125
5229	Pooled Human Serum Increases Regenerative Potential of In Vitro Expanded Stem Cells from Human Extracted Deciduous Teeth. Advances in Experimental Medicine and Biology, 2017, 1083, 29-44.	0.8	13
5230	Changing the Properties of Multipotent Mesenchymal Stromal Cells by IFN γ Administration. Bulletin of Experimental Biology and Medicine, 2017, 163, 230-234.	0.3	11
5231	Mesenchymal Stem/Progenitor Cells Derived from Articular Cartilage, Synovial Membrane and Synovial Fluid for Cartilage Regeneration: Current Status and Future Perspectives. Stem Cell Reviews and Reports, 2017, 13, 575-586.	5.6	61
5232	The potential role of adult stem cells in the management of the rheumatic diseases. Therapeutic Advances in Musculoskeletal Disease, 2017, 9, 165-179.	1.2	19
5233	Mesenchymal stem/stromal cell extracellular vesicles: From active principle to next generation drug delivery system. Journal of Controlled Release, 2017, 262, 104-117.	4.8	121
5234	Production and Administration of Therapeutic Mesenchymal Stem/Stromal Cell (MSC) Spheroids Primed in 3-D Cultures Under Xeno-free Conditions. Journal of Visualized Experiments, 2017, , .	0.2	21
5235	Role of Mesenchymal Stem Cells in Cancer Development and Their Use in Cancer Therapy. Advances in Experimental Medicine and Biology, 2017, 1083, 45-62.	0.8	10
5236	Antiinflammation and Antioxidant Effects of Thalidomide on Pulmonary Fibrosis in Mice and Human Lung Fibroblasts. Inflammation, 2017, 40, 1836-1846.	1.7	17
5237	Cytokines From Mesenchymal Stem Cells Induce Immunosuppressive Cells. , 2017, , 257-276.		0
5238	Proteomic analysis of the secretome of human bone marrow-derived mesenchymal stem cells primed by pro-inflammatory cytokines. Journal of Proteomics, 2017, 166, 115-126.	1.2	80
5239	NRF2 overexpression in mesenchymal stem cells induces stem-cell marker expression and enhances osteoblastic differentiation. Biochemical and Biophysical Research Communications, 2017, 491, 228-235.	1.0	45
5240	Establishment of NF- κ B sensing and interleukin-4 secreting mesenchymal stromal cells as an α -con-damand-drug delivery system to modulate inflammation. Cytotherapy, 2017, 19, 1025-1034.	0.3	46

#	ARTICLE	IF	CITATIONS
5241	Matrix Metalloproteinases in Bone Resorption, Remodeling, and Repair. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 148, 203-303.	0.9	151
5242	Assessment of biodistribution using mesenchymal stromal cells: Algorithm for study design and challenges in detection methodologies. <i>Cytotherapy</i> , 2017, 19, 1060-1069.	0.3	18
5243	Commentary on: Mechanical Supplementation With the Stromal Vascular Fraction Yields Improved Volume Retention in Facial Lipotransfer: A 1-Year Comparative Study. <i>Aesthetic Surgery Journal</i> , 2017, 37, 986-987.	0.9	1
5244	Ultrastructural characteristics and immune profile of equine MSCs from fetal adnexa. <i>Reproduction</i> , 2017, 154, 509-519.	1.1	18
5245	Advances and challenges in stem cell culture. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 62-77.	2.5	225
5246	Expansion of bone marrow-derived human mesenchymal stem/stromal cells (hMSCs) using a two-phase liquid/liquid system. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1577-1589.	1.6	21
5247	Influence of STRO-1 selection on osteogenic potential of human tooth germ derived mesenchymal stem cells. <i>Archives of Oral Biology</i> , 2017, 82, 293-301.	0.8	8
5248	Regulation and role of miRNA and target genes in cell cycle during oxidative stress-induced premature senescence in mesenchymal stem cells. <i>Cytotherapy</i> , 2017, 19, S194.	0.3	0
5249	Arthroscopic Airbrush-Assisted Cell Spraying for Cartilage Repair: Design, Development, and Characterization of Custom-Made Arthroscopic Spray Nozzles. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 505-515.	1.1	9
5250	<i>Porphyrromonas gingivalis</i> lipopolysaccharides affect gingival stem/progenitor cells attributes through NF- κ B, but not Wnt/ β -catenin, pathway. <i>Journal of Clinical Periodontology</i> , 2017, 44, 1112-1122.	2.3	28
5251	Human Adipose-Derived Mesenchymal Stem Cells Respond to Short-Term Hypoxia by Secreting Factors Beneficial for Human Islets in Vitro and Potentiate Antidiabetic Effect in Vivo. <i>Cell Medicine</i> , 2017, 9, 103-116.	5.0	36
5252	Isolation and Characterization of Mesenchymal Stromal Cells from Human Umbilical Cord and Fetal Placenta. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	80
5253	Evaluation of human platelet lysate and dimethyl sulfoxide as cryoprotectants for the cryopreservation of human adipose-derived stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 198-203.	1.0	15
5254	A novel Wnt pathway inhibitor, SM04690, for the treatment of moderate to severe osteoarthritis of the knee: results of a 24-week, randomized, controlled, phase 1 study. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1598-1606.	0.6	103
5255	Neuro-muscular regeneration using scaffolds with mesenchymal stem cells (MSCs) isolated from human umbilical cord Wharton's jelly. <i>Ciência & Tecnologia Dos Materiais</i> , 2017, 29, e135-e139.	0.5	2
5256	Differentiation potential of synoviocytes derived from joints with cranial cruciate ligament rupture and medial patella luxation in dogs. <i>Research in Veterinary Science</i> , 2017, 114, 370-377.	0.9	8
5257	Comparative study of bone marrow mesenchymal stromal cells at different stages of ontogeny. <i>Russian Journal of Developmental Biology</i> , 2017, 48, 269-277.	0.1	1
5258	Influence of patient related factors on number of mesenchymal stromal cells reached after <i>in vitro</i> culture expansion for clinical treatment. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2017, 77, 541-548.	0.6	7

#	ARTICLE	IF	CITATIONS
5259	Therapeutic potential of mesenchymal stem cells for diabetes. <i>Journal of Molecular Endocrinology</i> , 2017, 59, R109-R120.	1.1	78
5260	Impact of starting material (fresh versus cryopreserved marrow) on mesenchymal stem cell culture. <i>Transfusion</i> , 2017, 57, 2216-2219.	0.8	16
5261	Mesenchymal stroma: Role in osteosarcoma progression. <i>Cancer Letters</i> , 2017, 405, 90-99.	3.2	123
5262	Photoacoustic Imaging of Human Mesenchymal Stem Cells Labeled with Prussian Blue—Poly(L-lysine) Nanocomplexes. <i>ACS Nano</i> , 2017, 11, 9022-9032.	7.3	110
5263	Identification and characterization of a rich population of CD34+ mesenchymal stem/stromal cells in human parotid, sublingual and submandibular glands. <i>Scientific Reports</i> , 2017, 7, 3484.	1.6	24
5264	TGF β ² -induced osteogenic potential of human amniotic fluid stem cells via CD73-generated adenosine production. <i>Scientific Reports</i> , 2017, 7, 6601.	1.6	7
5265	Engineering the geometrical shape of mesenchymal stromal cells through defined cyclic stretch regimens. <i>Scientific Reports</i> , 2017, 7, 6640.	1.6	28
5266	Intravenous infusion of human bone marrow mesenchymal stromal cells promotes functional recovery and neuroplasticity after ischemic stroke in mice. <i>Scientific Reports</i> , 2017, 7, 6962.	1.6	36
5267	Therapeutic Effect of Human Adipose Tissue-Derived Mesenchymal Stem Cells in Experimental Corneal Failure Due to Limbal Stem Cell Niche Damage. <i>Stem Cells</i> , 2017, 35, 2160-2174.	1.4	71
5268	A New Chapter for Mesenchymal Stem Cells: Decellularized Extracellular Matrices. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 587-597.	5.6	16
5269	Cellular behaviours of bone marrow-derived mesenchymal stem cells towards pristine graphene oxide nanosheets. <i>Cell Proliferation</i> , 2017, 50, .	2.4	66
5270	Lysophosphatidic acid enhances human umbilical cord mesenchymal stem cell viability without differentiation via LPA receptor mediating manner. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 1296-1309.	2.2	21
5271	miR-342-3p elevates osteogenic differentiation of umbilical cord mesenchymal stem cells via inhibiting Sufu in <i>in vitro</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 571-577.	1.0	18
5272	Dental Pulp Stem Cells: Their Potential in Reinnervation and Angiogenesis by Using Scaffolds. <i>Journal of Endodontics</i> , 2017, 43, S12-S16.	1.4	64
5273	Mesenchymal Stem Cells in Fibrotic Disease. <i>Cell Stem Cell</i> , 2017, 21, 166-177.	5.2	309
5274	Placenta-derived multipotent cells have no effect on the size and number of DMH-induced colon tumors in rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2135-2147.	0.8	6
5275	Enzymatic characterization of novel arylsulfatase A variants using human arylsulfatase A-deficient immortalized mesenchymal stromal cells. <i>Human Mutation</i> , 2017, 38, 1511-1520.	1.1	20
5276	Dermatofibrosarcoma Protuberans: An Immunomarker Study of 57 Cases That Included Putative Mesenchymal Stem Cell Markers. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2017, 25, 586-591.	0.6	7

#	ARTICLE	IF	CITATIONS
5277	Cytocompatibility testing of hydrogels toward bioprinting of mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 3231-3241.	2.1	33
5278	Intracellular Remodeling and Accumulation of Aberrant Lysosomes in Differentiation of Tonsil-Derived Mesenchymal Stem Cells into Parathyroid-Like Cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 411-420.	1.6	4
5279	New insights into the cellular makeup and progenitor potential of palatal connective tissues. <i>Microscopy Research and Technique</i> , 2017, 80, 1270-1282.	1.2	10
5280	Effects of solid acellular type-I/III collagen biomaterials on in vitro and in vivo chondrogenesis of mesenchymal stem cells. <i>Expert Review of Medical Devices</i> , 2017, 14, 717-732.	1.4	15
5281	Repair of neonatal brain injury: bringing stem cell-based therapy into clinical practice. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 997-1003.	1.1	35
5282	Current Options for Cell Therapy in Spinal Cord Injury. <i>Trends in Molecular Medicine</i> , 2017, 23, 831-849.	3.5	141
5283	The bio in the ink: cartilage regeneration with bioprintable hydrogels and articular cartilage-derived progenitor cells. <i>Acta Biomaterialia</i> , 2017, 61, 41-53.	4.1	247
5284	Limbal stromal cells derived from porcine tissue demonstrate mesenchymal characteristics in vitro. <i>Scientific Reports</i> , 2017, 7, 6377.	1.6	9
5285	Cell-based Approaches for Augmentation of Tendon Repair. <i>Techniques in Shoulder and Elbow Surgery</i> , 2017, 18, e6-e14.	0.2	17
5286	Cough sensors from dental pulp. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 47, 16-20.	1.1	0
5287	Mesenchymal stromal cells for steroid-refractory acute GvHD. <i>Bone Marrow Transplantation</i> , 2017, 52, 1577-1579.	1.3	14
5288	Gli1 identifies osteogenic progenitors for bone formation and fracture repair. <i>Nature Communications</i> , 2017, 8, 2043.	5.8	248
5289	Transcriptome sequencing revealed candidate genes relevant to mesenchymal stem cells' role in aortic dissection patients. <i>Molecular Medicine Reports</i> , 2018, 17, 273-283.	1.1	6
5290	Stem cells and their applications in repairing the damaged nervous system. , 2017, , 39-64.		1
5291	Continuous stimulation with differentiation factors is necessary to enhance osteogenic differentiation of human mesenchymal stem cells <i>in-vitro</i>. <i>Growth Factors</i> , 2017, 35, 179-188.	0.5	43
5292	Inhibitory effect of oxidative damage on cardiomyocyte differentiation from Wharton's jelly-derived mesenchymal stem cells. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5329-5338.	0.8	3
5293	Stem Cells in Spinal Fusion. <i>Global Spine Journal</i> , 2017, 7, 801-810.	1.2	21
5294	Pueraria mirifica inhibits 17 β -estradiol-induced cell proliferation of human endometrial mesenchymal stem cells. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2017, 56, 765-769.	0.5	5

#	ARTICLE	IF	CITATIONS
5295	Coculture of meniscus cells and mesenchymal stem cells in simulated microgravity. <i>Npj Microgravity</i> , 2017, 3, 28.	1.9	18
5296	Mesenchymal Stem Cells for Frailty?. <i>Rejuvenation Research</i> , 2017, 20, 525-529.	0.9	7
5299	Functionalized gold nanorod nanocomposite system to modulate differentiation of human mesenchymal stem cells into neural-like progenitors. <i>Scientific Reports</i> , 2017, 7, 16654.	1.6	20
5300	RNA sequencing reveals a transcriptomic portrait of human mesenchymal stem cells from bone marrow, adipose tissue, and palatine tonsils. <i>Scientific Reports</i> , 2017, 7, 17114.	1.6	69
5301	A novel method to isolate mesenchymal stem cells from mouse umbilical cord. <i>Molecular Medicine Reports</i> , 2018, 17, 861-869.	1.1	5
5302	Biomimetic Materials and Fabrication Approaches for Bone Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700612.	3.9	193
5303	Permanently Hypoxic Cell Culture Yields Rat Bone Marrow Mesenchymal Cells with Higher Therapeutic Potential in the Treatment of Chronic Myocardial Infarction. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1064-1077.	1.1	15
5304	Hypoxia-Induced Mesenchymal Stromal Cells Exhibit an Enhanced Therapeutic Effect on Radiation-Induced Lung Injury in Mice due to an Increased Proliferation Potential and Enhanced Antioxidant Ability. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1295-1310.	1.1	49
5305	ACL Primary Repair with Bone Marrow Stimulation and Growth Factors. A Review of Literature. <i>Journal of Interdisciplinary Medicine</i> , 2017, 2, 8-11.	0.1	1
5306	Bone marrow mesenchymal stem cells inhibited bleomycin-induced lung fibrosis. <i>RSC Advances</i> , 2017, 7, 49498-49504.	1.7	0
5307	Cryopreservation of Human Mesenchymal Stem Cells in an Allogeneic Bioscaffold based on Platelet Rich Plasma and Synovial Fluid. <i>Scientific Reports</i> , 2017, 7, 15733.	1.6	20
5308	Endogenous Stem Cells in Homeostasis and Aging. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 679-698.	1.6	14
5309	Genetic profiling and surface proteome analysis of human atrial stromal cells and rat ventricular epicardium-derived cells reveals novel insights into their cardiogenic potential. <i>Stem Cell Research</i> , 2017, 25, 183-190.	0.3	6
5310	Mesenchymal stromal cells as a resource for regeneration of damaged skin. <i>Biology Bulletin Reviews</i> , 2017, 7, 333-343.	0.3	0
5311	Musculoskeletal Tissue Regeneration: the Role of the Stem Cells. <i>Regenerative Engineering and Translational Medicine</i> , 2017, 3, 133-165.	1.6	30
5312	Mesenchymal stem cells for the prevention and treatment of bronchopulmonary dysplasia in preterm infants. <i>The Cochrane Library</i> , 2017, 2017, CD011932.	1.5	37
5313	Renin-angiotensin system regulates pulmonary arterial smooth muscle cell migration in chronic thromboembolic pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, ajplung.00515.2.	1.3	14
5314	Adipose-Derived Mesenchymal Stem Cells from the Elderly Exhibit Decreased Migration and Differentiation Abilities with Senescent Properties. <i>Cell Transplantation</i> , 2017, 26, 1505-1519.	1.2	124

#	ARTICLE	IF	CITATIONS
5315	Cell-IQ visualization of motility, cell mass, and osteogenic differentiation of multipotent mesenchymal stromal cells cultured with relief calcium phosphate coating. Doklady Biochemistry and Biophysics, 2017, 476, 310-315.	0.3	10
5316	Mesenchymal Stem Cells and Transplantation Tolerance. , 2017, , 409-421.		0
5317	DICER1 gene and miRNA dysregulation in mesenchymal stem cells of patients with myelodysplastic syndrome and acute myeloblastic leukemia. Leukemia Research, 2017, 63, 62-71.	0.4	29
5318	Dose-dependent effect of triiodothyronine on the chondrogenic differentiation of mesenchymal stem cells from the bone marrow of female rats. Journal of Pharmacy and Pharmacology, 2017, 70, 89-100.	1.2	5
5319	Effects of rat bone marrow-derived mesenchymal stem cells on breast cancer cells with differing hormone receptor status. Oncology Letters, 2017, 14, 7269-7275.	0.8	7
5320	Adipose-Derived Stem Cells in Novel Approaches to Breast Reconstruction: Their Suitability for Tissue Engineering and Oncological Safety. Breast Cancer: Basic and Clinical Research, 2017, 11, 117822341772677.	0.6	38
5321	Musculoskeletal Injuries and Regenerative Medicine in the Elderly Patient. Physical Medicine and Rehabilitation Clinics of North America, 2017, 28, 777-794.	0.7	18
5322	Pathology in Practice. Journal of the American Veterinary Medical Association, 2017, 251, 1157-1159.	0.2	0
5323	Advances in Adult Stem Cell Differentiation and Cellular Reprogramming to Enhance Chondrogenesis. Current Molecular Biology Reports, 2017, 3, 276-287.	0.8	0
5324	The biological and clinical basis for the use of adipose-derived stem cells in the field of wound healing. Annals of Medicine and Surgery, 2017, 20, 41-48.	0.5	88
5325	In Vivo Exposure to Inorganic Arsenic Alters Differentiation-Specific Gene Expression of Adipose-Derived Mesenchymal Stem/Stromal Cells in C57BL/6J Mouse Model. Toxicological Sciences, 2017, 157, 172-182.	1.4	9
5326	The characteristics of stem cells in human degenerative intervertebral disc. Medicine (United States), 2017, 96, e7178.	0.4	16
5327	Characterization of Adipose-Derived Stem Cells Following Burn Injury. Stem Cell Reviews and Reports, 2017, 13, 781-792.	5.6	23
5328	PG2, a botanically derived drug extracted from Astragalus membranaceus , promotes proliferation and immunosuppression of umbilical cord-derived mesenchymal stem cells. Journal of Ethnopharmacology, 2017, 207, 184-191.	2.0	14
5329	Perfusion of isolated rat kidney with Mesenchymal Stromal Cells/Extracellular Vesicles prevents ischaemic injury. Journal of Cellular and Molecular Medicine, 2017, 21, 3381-3393.	1.6	102
5330	Focal adhesion kinase signaling regulates anti-inflammatory function of bone marrow mesenchymal stromal cells induced by biomechanical force. Cellular Signalling, 2017, 38, 1-9.	1.7	17
5331	Different RNA and protein expression of surface markers in rabbit amniotic fluid-derived mesenchymal stem cells. Biotechnology Progress, 2017, 33, 1601-1613.	1.3	16
5332	Hair follicle-derived mesenchymal cells support undifferentiated growth of embryonic stem cells. Experimental and Therapeutic Medicine, 2017, 13, 1779-1788.	0.8	7

#	ARTICLE	IF	CITATIONS
5333	Human Platelet Lysate versus Fetal Calf Serum: These Supplements Do Not Select for Different Mesenchymal Stromal Cells. <i>Scientific Reports</i> , 2017, 7, 5132.	1.6	60
5334	Pericytes Extend Survival of ALS SOD1 Mice and Induce the Expression of Antioxidant Enzymes in the Murine Model and in iPSCs Derived Neuronal Cells from an ALS Patient. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 686-698.	5.6	49
5335	Cellular mechanisms underlying cardiac engraftment of stem cells. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 1127-1143.	1.4	30
5336	Oxysterols and mesenchymal stem cell biology. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 223-230.	1.5	14
5337	Identity of Gli1+ cells in the bone marrow. <i>Experimental Hematology</i> , 2017, 54, 12-16.	0.2	30
5338	Layered smooth muscle cell-endothelial progenitor cell sheets derived from the bone marrow augment postinfarction ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 955-963.	0.4	16
5339	A high-yield isolation and enrichment strategy for human lung microvascular endothelial cells. <i>Pulmonary Circulation</i> , 2017, 7, 108-116.	0.8	12
5340	Tissue-Derived Signals for Mesenchymal Stem Cell Stimulation: Role of Cardiac and Umbilical Cord Microenvironments. <i>Cells Tissues Organs</i> , 2017, 203, 173-182.	1.3	15
5341	Long Term Exposure to MyrtoCommulone-A Changes CD105 Expression and Differentiation Potential of Mesenchymal Stem Cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 113-121.	1.6	8
5343	Ex Vivo Lung Perfusion. <i>Current Transplantation Reports</i> , 2017, 4, 149-158.	0.9	2
5344	Analysis of matrix metalloproteinase activity during differentiation of mesenchymal stem cells isolated from different tissues of one donor. <i>Cell and Tissue Biology</i> , 2017, 11, 95-103.	0.2	5
5345	Selective laser melting-enabled electrospinning: Introducing complexity within electrospun membranes. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 565-574.	1.0	7
5346	Transcriptome analysis for the identification of cellular markers related to trabecular meshwork differentiation. <i>BMC Genomics</i> , 2017, 18, 383.	1.2	26
5347	Compared to the amniotic membrane, Wharton's jelly may be a more suitable source of mesenchymal stem cells for cardiovascular tissue engineering and clinical regeneration. <i>Stem Cell Research and Therapy</i> , 2017, 8, 72.	2.4	23
5348	Isolation and characterization of equine native MSC populations. <i>Stem Cell Research and Therapy</i> , 2017, 8, 80.	2.4	34
5349	Interleukin-1 primes human mesenchymal stem cells towards an anti-inflammatory and pro-trophic phenotype in vitro. <i>Stem Cell Research and Therapy</i> , 2017, 8, 79.	2.4	168
5350	Electrical control of calcium oscillations in mesenchymal stem cells using microsecond pulsed electric fields. <i>Stem Cell Research and Therapy</i> , 2017, 8, 91.	2.4	30
5351	The neuroprotective effects of human bone marrow mesenchymal stem cells are dose-dependent in TNBS colitis. <i>Stem Cell Research and Therapy</i> , 2017, 8, 87.	2.4	22

#	ARTICLE	IF	CITATIONS
5352	Immunosuppressive capacity of mesenchymal stem cells correlates with metabolic activity and can be enhanced by valproic acid. <i>Stem Cell Research and Therapy</i> , 2017, 8, 100.	2.4	45
5353	Cytokine treatment optimises the immunotherapeutic effects of umbilical cord-derived MSC for treatment of inflammatory liver disease. <i>Stem Cell Research and Therapy</i> , 2017, 8, 140.	2.4	84
5354	Adipose-derived mesenchymal stem cells from liposuction and resected fat are feasible sources for regenerative medicine. <i>European Journal of Medical Research</i> , 2017, 22, 17.	0.9	102
5355	Pharmacological targeting of bone marrow mesenchymal stromal/stem cells for the treatment of hematological disorders. <i>Inflammation and Regeneration</i> , 2017, 37, 7.	1.5	5
5356	Human adipose stem cells induced to osteogenic differentiation by an innovative collagen/hydroxylapatite hybrid scaffold. <i>FASEB Journal</i> , 2017, 31, 4555-4565.	0.2	24
5357	A Comprehensive In Vitro Comparison of Preparation Techniques for Fat Grafting. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 670e-682e.	0.7	23
5358	Proteomics Applications in Dental Derived Stem Cells. <i>Journal of Cellular Physiology</i> , 2017, 232, 1602-1610.	2.0	9
5359	Upregulation of endothelial gene markers in Wharton's jelly mesenchymal stem cells cultured on polyelectrolyte multilayers. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 292-300.	2.1	8
5360	Tumour-associated mesenchymal stem/stromal cells: emerging therapeutic targets. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 35-52.	21.5	344
5361	Effects of somatostatin and its analogues on progenitor mesenchymal cells isolated from human pituitary adenomas. <i>Pituitary</i> , 2017, 20, 251-260.	1.6	11
5362	Identification of two distinct mesenchymal stromal cell populations in human malignant glioma. <i>Journal of Neuro-Oncology</i> , 2017, 131, 245-254.	1.4	31
5363	Human mesenchymal stromal cells undergo apoptosis and fragmentation after intravenous application in immune-competent mice. <i>Cytotherapy</i> , 2017, 19, 61-74.	0.3	36
5364	Mesenchymal stem cells: The roles and functions in cutaneous wound healing and tumor growth. <i>Journal of Dermatological Science</i> , 2017, 86, 83-89.	1.0	95
5365	Is Stem Cell Therapy Ready for Prime Time in Treatment of Inflammatory Bowel Diseases?. <i>Gastroenterology</i> , 2017, 152, 389-397.e2.	0.6	17
5366	Investigating the nitrogen dioxide concentrations in the boundary layer by using multi-axis spectroscopic measurements and comparison with satellite observations. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2827-2839.	2.7	11
5367	Rationale for Determining the Functional Potency of Mesenchymal Stem Cells in Preventing Regulated Cell Death for Therapeutic Use. <i>Stem Cells Translational Medicine</i> , 2017, 6, 713-719.	1.6	22
5368	Recombinant human bone morphogenetic protein 2 (rhBMP-2) immobilized on laser-fabricated 3D scaffolds enhance osteogenesis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 149, 233-242.	2.5	32
5369	Adhesion of mesenchymal stem cells to biomimetic polymers: A review. <i>Materials Science and Engineering C</i> , 2017, 71, 1192-1200.	3.8	31

#	ARTICLE	IF	CITATIONS
5370	The double life of cardiac mesenchymal cells: Epimetabolic sensors and therapeutic assets for heart regeneration. , 2017, 171, 43-55.		12
5371	Stem Cell Based Biotherapy for Radiation Related Injury. , 2017, , 357-385.		0
5372	Wharton's™s Jelly Mesenchymal Stromal Cells as a Feeder Layer for the Ex Vivo Expansion of Hematopoietic Stem and Progenitor Cells: a Review. Stem Cell Reviews and Reports, 2017, 13, 35-49.	5.6	20
5373	Comparative phenotypic transcriptional characterization of human full-term placenta-derived mesenchymal stromal cells compared to bone marrow-derived mesenchymal stromal cells after differentiation in myogenic medium. Placenta, 2017, 49, 64-67.	0.7	4
5374	Wharton's Jelly Mesenchymal Stem Cells Protect the Immature Brain in Rats and Modulate Cell Fate. Stem Cells and Development, 2017, 26, 239-248.	1.1	27
5375	Mesenchymal Stem Cell-Derived Microvesicles Modulate Lipopolysaccharides-Induced Inflammatory Responses to Microglia Cells. Stem Cells, 2017, 35, 812-823.	1.4	88
5376	A reproducible method for the isolation and expansion of ovine mesenchymal stromal cells from bone marrow for use in regenerative medicine preclinical studies. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3408-3416.	1.3	16
5377	Human Dental Pulp Stem Cells Suppress Alloantigen-induced Immunity by Stimulating T Cells to Release Transforming Growth Factor Beta. Journal of Endodontics, 2017, 43, 100-108.	1.4	38
5378	A new clinical-scale serum-free xeno-free medium efficient in ex vivo amplification of mesenchymal stromal cells does not support mesenchymal stem cells. Transfusion, 2017, 57, 433-439.	0.8	13
5379	Pulp Vascularization during Tooth Development, Regeneration, and Therapy. Journal of Dental Research, 2017, 96, 137-144.	2.5	104
5380	Skeletal muscle patch engineering on synthetic and acellular human skeletal muscle originated scaffolds. Journal of Biomedical Materials Research - Part A, 2017, 105, 879-890.	2.1	6
5381	Cell-based therapies for neonatal lung disease. Cell and Tissue Research, 2017, 367, 737-745.	1.5	17
5382	Spatial and temporal structure of the clinical research based on mesenchymal stromal cells: A network analysis. Cytotherapy, 2017, 19, 47-60.	0.3	3
5383	The exciting prospects of new therapies with mesenchymal stromal cells. Cytotherapy, 2017, 19, 1-8.	0.3	112
5384	Gingival Stromal Cells as an In Vitro Model: Cannabidiol Modulates Genes Linked With Amyotrophic Lateral Sclerosis. Journal of Cellular Biochemistry, 2017, 118, 819-828.	1.2	43
5385	Magnetic Resonance Imaging of Ferumoxytol-Labeled Human Mesenchymal Stem Cells in the Mouse Brain. Stem Cell Reviews and Reports, 2017, 13, 127-138.	5.6	24
5386	Senescence and quiescence in adipose-derived stromal cells: Effects of human platelet lysate, fetal bovine serum and hypoxia. Cytotherapy, 2017, 19, 95-106.	0.3	21
5387	Transplantation of amniotic membrane-derived multipotent cells ameliorates and delays the progression of chronic kidney disease in cats. Reproduction in Domestic Animals, 2017, 52, 316-326.	0.6	32

#	ARTICLE	IF	CITATIONS
5388	Valproic acid enhances the neural differentiation of human placenta derived-mesenchymal stem cells in vitro. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3111-3123.	1.3	27
5389	Human umbilical perivascular cells (HUCPVCs): a novel source of mesenchymal stromal-like (MSC) cells to support the regeneration of the testicular niche. <i>Reproduction</i> , 2017, 153, 85-95.	1.1	12
5390	Advances in bone marrow stem cell therapy for retinal dysfunction. <i>Progress in Retinal and Eye Research</i> , 2017, 56, 148-165.	7.3	89
5391	Pluripotent Stem Cells as a Robust Source of Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 68-78.	5.6	46
5392	An allograft generated from adult stem cells and their secreted products efficiently fuses vertebrae in immunocompromised athymic rats and inhibits local immune responses. <i>Spine Journal</i> , 2017, 17, 418-430.	0.6	16
5393	Are nestin-positive mesenchymal stromal cells a better source of cells for CNS repair?. <i>Neurochemistry International</i> , 2017, 106, 101-107.	1.9	25
5394	Autonomous magnetic labelling of functional mesenchymal stem cells for improved traceability and spatial control in cell therapy applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2333-2348.	1.3	41
5395	Differentiation of adipose stem cells seeded towards annulus fibrosus cells on a designed poly(trimethylene carbonate) scaffold prepared by stereolithography. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2752-2762.	1.3	33
5396	TNF- α inhibitors reduce the pathological Th1/Th17/Th2 imbalance in cutaneous mesenchymal stem cells of psoriasis patients. <i>Experimental Dermatology</i> , 2017, 26, 319-324.	1.4	40
5397	Expression of P2 Purinergic Receptors in Mesenchymal Stem Cells and Their Roles in Extracellular Nucleotide Regulation of Cell Functions. <i>Journal of Cellular Physiology</i> , 2017, 232, 287-297.	2.0	25
5398	Regeneration of Articular Cartilage by Human ESC-Derived Mesenchymal Progenitors Treated Sequentially with BMP-2 and Wnt5a. <i>Stem Cells Translational Medicine</i> , 2017, 6, 40-50.	1.6	45
5399	Allogeneic Mesenchymal Stem Cells Stimulate Cartilage Regeneration and Are Safe for Single-Stage Cartilage Repair in Humans upon Mixture with Recycled Autologous Chondrons. <i>Stem Cells</i> , 2017, 35, 256-264.	1.4	192
5400	Osteogenic capacity of alkali-free bioactive glasses. <i>In vitro</i> studies. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2360-2365.	1.6	26
5401	Differentiation potential of rabbit CD90-positive cells sorted from adipose-derived stem cells in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 77-82.	0.7	7
5402	Mesenchymal stromal cells: properties and role in management of cutaneous diseases. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2017, 31, 414-423.	1.3	33
5403	Neurogenic Differentiation of Mesenchymal Stem Cells Induces Alterations in Extracellular Nucleotides Metabolism. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 478-486.	1.2	12
5404	Mesenchymal stem cells attenuate ischemia-reperfusion injury after prolonged cold ischemia in a mouse model of lung transplantation: a preliminary study. <i>Surgery Today</i> , 2017, 47, 425-431.	0.7	15
5405	Three-Dimensional Bioprinting and Its Potential in the Field of Articular Cartilage Regeneration. <i>Cartilage</i> , 2017, 8, 327-340.	1.4	90

#	ARTICLE	IF	CITATIONS
5406	Cell therapy for basement membrane-linked diseases. <i>Matrix Biology</i> , 2017, 57-58, 124-139.	1.5	33
5407	TLR3 preconditioning enhances the therapeutic efficacy of umbilical cord mesenchymal stem cells in TNBS-induced colitis via the TLR3-Jagged-1-Notch-1 pathway. <i>Mucosal Immunology</i> , 2017, 10, 727-742.	2.7	77
5408	Regulation of pituitary stem cells by epithelial to mesenchymal transition events and signaling pathways. <i>Molecular and Cellular Endocrinology</i> , 2017, 445, 14-26.	1.6	21
5409	Clinical-Grade Isolated Human Kidney Perivascular Stromal Cells as an Organotypic Cell Source for Kidney Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2017, 6, 405-418.	1.6	25
5410	Periodontal Tissue Regeneration Using Syngeneic Adipose-Derived Stromal Cells in a Mouse Model. <i>Stem Cells Translational Medicine</i> , 2017, 6, 656-665.	1.6	35
5411	Biological Therapies in Regenerative Sports Medicine. <i>Sports Medicine</i> , 2017, 47, 807-828.	3.1	54
5412	Use of platelet concentrates in oral and maxillofacial surgery: an overview. <i>Acta Odontologica Scandinavica</i> , 2017, 75, 1-11.	0.9	33
5413	Feasibility and kinetics of CD34 ⁺ hematopoietic progenitor cell mobilization in response to a single administration of docetaxel chemotherapy and pegfilgrastim in a contemporary cohort of patients with metastatic breast cancer. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2017, 13, 79-86.	0.7	1
5414	A novel filtration system for point of care washing of cellular therapy products. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3157-3167.	1.3	6
5415	Isolation, molecular characterization, and in vitro differentiation of bovine Wharton jelly-derived multipotent mesenchymal cells. <i>Theriogenology</i> , 2017, 89, 338-347.	0.9	5
5416	Proteolytic fragments of fibronectin function as matrikines driving the chemotactic affinity of prostate cancer cells to human bone marrow mesenchymal stromal cells via the $\alpha 5 \beta 1$ integrin. <i>Cell Adhesion and Migration</i> , 2017, 11, 305-315.	1.1	22
5417	Isolation, characterization and immunomodulatory-associated gene transcription of Wharton's jelly-derived multipotent mesenchymal stromal cells at different trimesters of cow pregnancy. <i>Cell and Tissue Research</i> , 2017, 367, 243-256.	1.5	25
5418	Human vascular progenitor cells derived from renal arteries are endothelial-like and assist in the repair of injured renal capillary networks. <i>Kidney International</i> , 2017, 91, 129-143.	2.6	38
5419	Biocompatibility of three new calcium silicate-based endodontic sealers on human periodontal ligament stem cells. <i>International Endodontic Journal</i> , 2017, 50, 875-884.	2.3	72
5420	Mesenchymal stem cells and vascular regeneration. <i>Microcirculation</i> , 2017, 24, e12324.	1.0	74
5421	The effect of transplanted human Wharton's jelly mesenchymal stem cells treated with IFN- β on experimental autoimmune encephalomyelitis mice. <i>Cellular Immunology</i> , 2017, 311, 1-12.	1.4	15
5422	RhoA regulates Activin B-induced stress fiber formation and migration of bone marrow-derived mesenchymal stromal cell through distinct signaling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3011-3018.	1.1	9
5423	Integrated culture platform based on a human platelet lysate supplement for the isolation and scalable manufacturing of umbilical cord matrix-derived mesenchymal stem/stromal cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1630-1640.	1.3	48

#	ARTICLE	IF	CITATIONS
5424	Remestemcel-L for the treatment of graft versus host disease. <i>Expert Review of Clinical Immunology</i> , 2017, 13, 43-56.	1.3	33
5425	Gene therapy with mesenchymal stem cells expressing IFN γ ameliorates neuroinflammation in experimental models of multiple sclerosis. <i>British Journal of Pharmacology</i> , 2017, 174, 238-253.	2.7	34
5426	Low-Dose Pesticide Mixture Induces Senescence in Normal Mesenchymal Stem Cells (MSC) and Promotes Tumorigenic Phenotype in Premalignant MSC. <i>Stem Cells</i> , 2017, 35, 800-811.	1.4	20
5427	Impaired osteogenic differentiation and enhanced cellular receptor of advanced glycation end products sensitivity in patients with type 2 diabetes. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 631-641.	1.3	14
5428	Stem cells in psoriasis. <i>Journal of Dermatological Science</i> , 2017, 86, 181-186.	1.0	19
5429	Review article: mesenchymal stromal cell therapy for inflammatory bowel diseases. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 45, 205-221.	1.9	66
5430	Can the outcomes of mesenchymal stem cell-based therapy for myocardial infarction be improved? Providing weapons and armour to cells. <i>Cell Proliferation</i> , 2017, 50, .	2.4	41
5431	Electrically Stimulated Adipose Stem Cells on Polypyrrole-Coated Scaffolds for Smooth Muscle Tissue Engineering. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1015-1026.	1.3	36
5432	Electric field as a potential directional cue in homing of bone marrow-derived mesenchymal stem cells to cutaneous wounds. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 267-279.	1.9	37
5433	Process development for expansion of human mesenchymal stromal cells in a 50L single-use stirred tank bioreactor. <i>Biochemical Engineering Journal</i> , 2017, 120, 49-62.	1.8	103
5434	Management of knee osteoarthritis. Current status and future trends. <i>Biotechnology and Bioengineering</i> , 2017, 114, 717-739.	1.7	74
5435	Characterization of Biomarkers of Tumorigenic and Chemoresistant Cancer Stem Cells in Human Gastric Carcinoma. <i>Clinical Cancer Research</i> , 2017, 23, 1586-1597.	3.2	117
5436	Stem Cell Biology. , 2017, , 54-75.e5.		0
5437	Mesenchymal Stem Cells from Human Amniotic Membrane and Umbilical Cord Can Diminish Immunological Response in an in vitro Allograft Model. <i>Gynecologic and Obstetric Investigation</i> , 2017, 82, 267-275.	0.7	11
5438	T helper (Th)1, Th17 and Th2 imbalance in mesenchymal stem cells of adult patients with atopic dermatitis: at the origin of the problem. <i>British Journal of Dermatology</i> , 2017, 176, 1569-1576.	1.4	46
5439	Inositol-Requiring Enzyme 1 Facilitates Diabetic Wound Healing Through Modulating MicroRNAs. <i>Diabetes</i> , 2017, 66, 177-192.	0.3	47
5440	Concise Review: Mesenchymal Stem Cell Therapy for Pediatric Disease: Perspectives on Success and Potential Improvements. <i>Stem Cells Translational Medicine</i> , 2017, 6, 539-565.	1.6	44
5441	Concise Review: The Use of Adipose-Derived Stromal Vascular Fraction Cells and Platelet Rich Plasma in Regenerative Plastic Surgery. <i>Stem Cells</i> , 2017, 35, 117-134.	1.4	112

#	ARTICLE	IF	CITATIONS
5442	Mesenchymal stem cells can be recruited to wounded tissue via hepatocyte growth factor-loaded biomaterials. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2988-2998.	1.3	22
5443	Diverse impact of xeno-free conditions on biological and regenerative properties of hUC-MSCs and their extracellular vesicles. <i>Journal of Molecular Medicine</i> , 2017, 95, 205-220.	1.7	54
5444	Circumferential Esophageal Replacement by a Tissue-engineered Substitute Using Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2017, 26, 1831-1839.	1.2	49
5445	Intravenous Infusion of Human Adipose Tissue-Derived Mesenchymal Stem Cells to Treat Type 1 Diabetic Mellitus in Mice: An Evaluation of Grafted Cell Doses. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1083, 145-156.	0.8	18
5446	Co-injection of mesenchymal stem cells with endothelial progenitor cells accelerates muscle recovery in hind limb ischemia through an endoglin-dependent mechanism. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1908-1918.	1.8	34
5447	Does the Mesenchymal Stem Cell Source Influence Smooth Muscle Regeneration in Tissue-Engineered Urinary Bladders?. <i>Cell Transplantation</i> , 2017, 26, 1780-1791.	1.2	22
5448	In Vitro Osteogenic Differentiation of Human Mesenchymal Stem Cells from Jawbone Compared with Dental Tissue. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 763-774.	1.6	36
5449	Construction of engineered corpus cavernosum with primary mesenchymal stem cells in vitro. <i>Scientific Reports</i> , 2017, 7, 18053.	1.6	24
5450	Future Prospectives. , 2017, , 191-198.		0
5451	Methods and practices to diversify cell-based products. <i>Regenerative Medicine</i> , 2017, 12, 997-1013.	0.8	0
5452	The Potency of Induced Pluripotent Stem Cells in Cartilage Regeneration and Osteoarthritis Treatment. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1079, 55-68.	0.8	21
5453	Retrospective Proteomic Analysis of a Novel, Cancer Metastasis-Promoting RGD-Containing Peptide. <i>Translational Oncology</i> , 2017, 10, 998-1007.	1.7	1
5454	Cell-based therapeutic strategies for multiple sclerosis. <i>Brain</i> , 2017, 140, 2776-2796.	3.7	139
5455	In Vitro Production of Cartilage Tissue from Rabbit Bone Marrow-Derived Mesenchymal Stem Cells and Polycaprolactone Scaffold. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1084, 45-60.	0.8	14
5456	Current perspectives on biological approaches for osteoarthritis. <i>Annals of the New York Academy of Sciences</i> , 2017, 1410, 26-43.	1.8	39
5457	Synovial fluid-derived synovial fragments represent an improved source of synovial mesenchymal stem cells in the temporomandibular joint. <i>International Journal of Molecular Medicine</i> , 2017, 41, 173-183.	1.8	13
5458	Designing the stem cell microenvironment for guided connective tissue regeneration. <i>Annals of the New York Academy of Sciences</i> , 2017, 1410, 3-25.	1.8	20
5459	Mesenchymal stem cell therapy in the treatment of hip osteoarthritis. <i>Journal of Hip Preservation Surgery</i> , 2017, 4, 159-163.	0.6	50

#	ARTICLE	IF	CITATIONS
5460	Mesenchymal stem cell-derived extracellular vesicles for kidney repair: current status and looming challenges. <i>Stem Cell Research and Therapy</i> , 2017, 8, 273.	2.4	148
5461	Isolation of equine peripheral blood stem cells from a Japanese native horse. <i>Journal of Equine Science</i> , 2017, 28, 153-158.	0.2	6
5462	Bone marrow-derived multipotent mesenchymal stromal cells from horses after euthanasia. <i>Veterinary Medicine and Science</i> , 2017, 3, 239-251.	0.6	9
5463	Immunoprivileged no more: measuring the immunogenicity of allogeneic adult mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 288.	2.4	167
5464	Adult Stem Cells and Anticancer Therapy. <i>Advances in Molecular Toxicology</i> , 2017, 11, 123-202.	0.4	9
5465	In-vitro characterization of canine multipotent stromal cells isolated from synovium, bone marrow, and adipose tissue: a donor-matched comparative study. <i>Stem Cell Research and Therapy</i> , 2017, 8, 218.	2.4	63
5466	Isolation of mesenchymal stromal/stem cells from cryopreserved umbilical cord blood cells. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2017, 57, 1-8.	0.3	14
5467	Immunomodulation by Mesenchymal Stromal Cells and Their Clinical Applications. <i>Journal of Stem Cell and Regenerative Biology</i> , 2017, 3, 1-14.	0.2	69
5468	Mesenchymal Stromal Cells: Clinical Experience, Challenges, and Future Directions. , 2017, , 309-334.		1

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#	ARTICLE	IF	CITATIONS
5478	Mechanisms of Action of Human Mesenchymal Stem Cells in Tissue Repair Regeneration and their Implications. <i>Annals of the National Academy of Medical Sciences (India)</i> , 2017, 53, 104-120.	0.2	2
5479	Stem Cell-Based Therapies for Osteoarthritis: From Pre-Clinical to Clinical Applications. , 2017, , .		0
5480	Immune dysfunctionality of replicative senescent mesenchymal stromal cells is corrected by IFN γ priming. <i>Blood Advances</i> , 2017, 1, 628-643.	2.5	43
5481	Gene expression in human adipose-derived stem cells: comparison of 2D films, 3D electrospun meshes or co-cultured scaffolds with two-way paracrine effects. , 2017, 34, 232-248.		16
5482	Mesenchymal Stem Cells for Optimizing Bone Volume at the Dental Implant Recipient Site. , 0, , .		0
5483	Dental Pulp Cells Isolated from Teeth with Superficial Caries Retain an Inflammatory Phenotype and Display an Enhanced Matrix Mineralization Potential. <i>Frontiers in Physiology</i> , 2017, 8, 244.	1.3	16
5484	Strategies Developed to Induce, Direct, and Potentiate Bone Healing. <i>Frontiers in Physiology</i> , 2017, 8, 927.	1.3	22
5485	Calvarial Suture-Derived Stem Cells and Their Contribution to Cranial Bone Repair. <i>Frontiers in Physiology</i> , 2017, 8, 956.	1.3	58
5486	Tissue-Engineered Solutions in Plastic and Reconstructive Surgery: Principles and Practice. <i>Frontiers in Surgery</i> , 2017, 4, 4.	0.6	37
5487	Cardiac Stem Cells for Myocardial Regeneration: They Are Not Alone. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 47.	1.1	54
5488	The Selective Centrifugation Ensures a Better In Vitro Isolation of ASCs and Restores a Soft Tissue Regeneration In Vivo. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1038.	1.8	15
5489	Nanosized UCMSC-derived extracellular vesicles but not conditioned medium exclusively inhibit the inflammatory response of stimulated T cells: implications for nanomedicine. <i>Theranostics</i> , 2017, 7, 270-284.	4.6	155
5490	MicroRNA expression in bone marrow-derived human multipotent Stromal cells. <i>BMC Genomics</i> , 2017, 18, 605.	1.2	10
5491	Mesenchymal stem cells in idiopathic pulmonary fibrosis. <i>Oncotarget</i> , 2017, 8, 102600-102616.	0.8	59
5492	Hypoxic Three-Dimensional Scaffold-Free Aggregate Cultivation of Mesenchymal Stem Cells in a Stirred Tank Reactor. <i>Bioengineering</i> , 2017, 4, 47.	1.6	28
5493	Role of mesenchymal stem cells in the pathogenesis of psoriasis: current perspectives. <i>Psoriasis: Targets and Therapy</i> , 2017, Volume 7, 73-85.	1.2	8
5494	5.7 Tissue Engineering and Selection of Cells. , 2017, , 115-128.		1
5495	Human Adipose-Derived Stem Cells Exhibit Enhanced Proliferative Capacity and Retain Multipotency Longer than Donor-Matched Bone Marrow Mesenchymal Stem Cells during Expansion In Vitro. <i>Stem Cells International</i> , 2017, 2017, 1-15.	1.2	69

#	ARTICLE	IF	CITATIONS
5496	Microvesicles as Potential Biomarkers for the Identification of Senescence in Human Mesenchymal Stem Cells. <i>Theranostics</i> , 2017, 7, 2673-2689.	4.6	82
5497	Progenitor Cells from Cartilage: Grade Specific Differences in Stem Cell Marker Expression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1759.	1.8	16
5498	Mesenchymal Stem Cell Secretome: Toward Cell-Free Therapeutic Strategies in Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1852.	1.8	842
5499	Stem Cells as Potential Candidates for Psoriasis Cell-Replacement Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2182.	1.8	20
5500	Collagen-Based Medical Device as a Stem Cell Carrier for Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2210.	1.8	18
5501	Regenerative Therapies in Dry Eye Disease: From Growth Factors to Cell Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2264.	1.8	34
5502	Human Mesenchymal Stem Cells Growth and Osteogenic Differentiation on Piezoelectric Poly(vinylidene fluoride) Microsphere Substrates. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2391.	1.8	34
5503	Can Youthful Mesenchymal Stem Cells from Wharton's Jelly Bring a Breath of Fresh Air for COPD?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2449.	1.8	10
5504	Adjuvant Biological Therapies in Chronic Leg Ulcers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2561.	1.8	18
5505	Adipose Derived Stem Cells for Corneal Wound Healing after Laser Induced Corneal Lesions in Mice. <i>Journal of Clinical Medicine</i> , 2017, 6, 115.	1.0	28
5506	Nurse's A-Phase Material Enhance Adhesion, Growth and Differentiation of Human Bone Marrow-Derived Stromal Mesenchymal Stem Cells. <i>Materials</i> , 2017, 10, 347.	1.3	6
5507	Electrospun Zein/Gelatin Scaffold-Enhanced Cell Attachment and Growth of Human Periodontal Ligament Stem Cells. <i>Materials</i> , 2017, 10, 1168.	1.3	47
5508	<i>Spirulina platensis</i> Improves Mitochondrial Function Impaired by Elevated Oxidative Stress in Adipose-Derived Mesenchymal Stromal Cells (ASCs) and Intestinal Epithelial Cells (IECs), and Enhances Insulin Sensitivity in Equine Metabolic Syndrome (EMS) Horses. <i>Marine Drugs</i> , 2017, 15, 237.	2.2	62
5509	The Good the Bad and the Ugly of Glycosaminoglycans in Tissue Engineering Applications. <i>Pharmaceuticals</i> , 2017, 10, 54.	1.7	30
5510	Tooth tissue engineering. , 2017, , 467-501.		2
5511	Mesenchymal Stem Cells Improve Healing of Diabetic Foot Ulcer. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-10.	1.0	118
5512	Mesenchymal Stem Cell Derived Extracellular Vesicles: A Role in Hematopoietic Transplantation?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1022.	1.8	36
5513	Mesenchymal Stromal Cells Accelerate Epithelial Tight Junction Assembly via the AMP-Activated Protein Kinase Pathway, Independently of Liver Kinase B1. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	16

#	ARTICLE	IF	CITATIONS
5514	Allogeneic Adipose-Derived Mesenchymal Stromal Cells Ameliorate Experimental Autoimmune Encephalomyelitis by Regulating Self-Reactive T Cell Responses and Dendritic Cell Function. <i>Stem Cells International</i> , 2017, 2017, 1-15.	1.2	42
5515	Non-coding RNAs in Mesenchymal Stem Cell-Derived Extracellular Vesicles: Deciphering Regulatory Roles in Stem Cell Potency, Inflammatory Resolve, and Tissue Regeneration. <i>Frontiers in Genetics</i> , 2017, 8, 161.	1.1	90
5516	Mesenchymal stem cells: a possible role in the pathogenesis and treatment of spondyloarthritis. <i>Reumatismo</i> , 2017, 69, 1-8.	0.4	2
5517	A Novel Human Tissue-Engineered 3-D Functional Vascularized Cardiac Muscle Construct. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 2.	1.8	22
5518	In vitro Culture of Na ⁺ ve Human Bone Marrow Mesenchymal Stem Cells: A Stemness Based Approach. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 69.	1.8	38
5519	Evaluation of Three Devices for the Isolation of the Stromal Vascular Fraction from Adipose Tissue and for ASC Culture: A Comparative Study. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	31
5520	Mesenchymal Stromal Cells: What Is the Mechanism in Acute Graft-Versus-Host Disease?. <i>Biomedicines</i> , 2017, 5, 39.	1.4	39
5521	Cannabidiol Modulates the Expression of Alzheimer's Disease-Related Genes in Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 26.	1.8	72
5522	Mesenchymal Stem Cell Therapy for Inflammatory Skin Diseases: Clinical Potential and Mode of Action. <i>International Journal of Molecular Sciences</i> , 2017, 18, 244.	1.8	71
5523	Micro-Computed Tomography Detection of Gold Nanoparticle-Labelled Mesenchymal Stem Cells in the Rat Subretinal Layer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 345.	1.8	24
5524	Pathogenic or Therapeutic Extracellular Vesicles in Rheumatic Diseases: Role of Mesenchymal Stem Cell-Derived Vesicles. <i>International Journal of Molecular Sciences</i> , 2017, 18, 889.	1.8	76
5525	Manufacturing of Human Extracellular Vesicle-Based Therapeutics for Clinical Use. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1190.	1.8	213
5526	Mesenchymal Stem/Stromal Cell-Derived Extracellular Vesicles and Their Potential as Novel Immunomodulatory Therapeutic Agents. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1450.	1.8	285
5527	Quality Evaluation of Human Bone Marrow Mesenchymal Stem Cells for Cartilage Repair. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	16
5528	Endothelial-derived extracellular matrix ameliorate the stemness deprivation during ex vivo expansion of mouse bone marrow-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2017, 12, e0184111.	1.1	11
5529	Function and Therapeutic Potential of Mesenchymal Stem Cells in Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 32.	1.1	54
5530	Toward Exosome-Based Therapeutics: Isolation, Heterogeneity, and Fit-for-Purpose Potency. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 63.	1.1	180
5531	The Effects of Endocrine Disruptors on Adipogenesis and Osteogenesis in Mesenchymal Stem Cells: A Review. <i>Frontiers in Endocrinology</i> , 2016, 7, 171.	1.5	49

#	ARTICLE	IF	CITATIONS
5532	Pro-inflammatory-Related Loss of CXCL12 Niche Promotes Acute Lymphoblastic Leukemic Progression at the Expense of Normal Lymphopoiesis. <i>Frontiers in Immunology</i> , 2016, 7, 666.	2.2	34
5533	Human Lymph Node-Derived Fibroblastic and Double-Negative Reticular Cells Alter Their Chemokines and Cytokines Expression Profile Following Inflammatory Stimuli. <i>Frontiers in Immunology</i> , 2017, 8, 141.	2.2	16
5534	Antimicrobial Activity of Mesenchymal Stem Cells: Current Status and New Perspectives of Antimicrobial Peptide-Based Therapies. <i>Frontiers in Immunology</i> , 2017, 8, 339.	2.2	191
5535	Intralymphatic Administration of Adipose Mesenchymal Stem Cells Reduces the Severity of Collagen-Induced Experimental Arthritis. <i>Frontiers in Immunology</i> , 2017, 8, 462.	2.2	27
5536	Antitumor Activity of a Mesenchymal Stem Cell Line Stably Secreting a Tumor-Targeted TNF-Related Apoptosis-Inducing Ligand Fusion Protein. <i>Frontiers in Immunology</i> , 2017, 8, 536.	2.2	13
5537	Biodistribution and Efficacy of Human Adipose-Derived Mesenchymal Stem Cells Following Intranodal Administration in Experimental Colitis. <i>Frontiers in Immunology</i> , 2017, 8, 638.	2.2	18
5538	Effects of Bone Marrow Mesenchymal Stromal Cell Therapy in Experimental Cutaneous Leishmaniasis in BALB/c Mice Induced by <i>Leishmania amazonensis</i> . <i>Frontiers in Immunology</i> , 2017, 8, 893.	2.2	21
5539	Mesenchymal Stem Cells Induce Expression of CD73 in Human Monocytes In Vitro and in a Swine Model of Myocardial Infarction In Vivo. <i>Frontiers in Immunology</i> , 2017, 8, 1577.	2.2	36
5540	Thrombospondin-1 Partly Mediates the Cartilage Protective Effect of Adipose-Derived Mesenchymal Stem Cells in Osteoarthritis. <i>Frontiers in Immunology</i> , 2017, 8, 1638.	2.2	31
5541	Different Effects of Human Umbilical Cord Mesenchymal Stem Cells on Glioblastoma Stem Cells by Direct Cell Interaction or Via Released Soluble Factors. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 312.	1.8	51
5542	Mesenchymal Stem Cells in the Treatment of Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2017, 8, 28.	1.1	113
5543	Neuroprotective Potential of Cell-Based Therapies in ALS: From Bench to Bedside. <i>Frontiers in Neuroscience</i> , 2017, 11, 591.	1.4	16
5544	Gestational Age-Dependent Increase of Survival Motor Neuron Protein in Umbilical Cord-Derived Mesenchymal Stem Cells. <i>Frontiers in Pediatrics</i> , 2017, 5, 194.	0.9	3
5545	Mesenchymal Stromal Cells Are More Immunosuppressive In Vitro If They Are Derived from Endometriotic Lesions than from Eutopic Endometrium. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	13
5546	Mesenchymal Stem Cells in Myeloid Malignancies: A Focus on Immune Escaping and Therapeutic Implications. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	15
5547	Vitrification of Rhesus Macaque Mesenchymal Stem Cells and the Effects on Global Gene Expression. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	6
5548	Human Suprapatellar Fat Pad-Derived Mesenchymal Stem Cells Induce Chondrogenesis and Cartilage Repair in a Model of Severe Osteoarthritis. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	31
5549	Plasma Rich in Growth Factors Induces Cell Proliferation, Migration, Differentiation, and Cell Survival of Adipose-Derived Stem Cells. <i>Stem Cells International</i> , 2017, 2017, 1-11.	1.2	21

#	ARTICLE	IF	CITATIONS
5550	Canine Adipose Derived Mesenchymal Stem Cells Transcriptome Composition Alterations: A Step towards Standardizing Therapeutic. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	21
5551	Stemness in Cancer: Stem Cells, Cancer Stem Cells, and Their Microenvironment. <i>Stem Cells International</i> , 2017, 2017, 1-17.	1.2	255
5552	Mesenchymal Stem Cells for Cartilage Regeneration of TMJ Osteoarthritis. <i>Stem Cells International</i> , 2017, 2017, 1-11.	1.2	35
5553	Human Mesenchymal Stem/Stromal Cells from Umbilical Cord Blood and Placenta Exhibit Similar Capacities to Promote Expansion of Hematopoietic Progenitor Cells In Vitro. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	12
5554	Predicting the Remaining Lifespan and Cultivation-Related Loss of Osteogenic Capacity of Bone Marrow Multipotential Stromal Cells Applicable across a Broad Donor Age Range. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	20
5555	Mesenchymal Stem Cell Benefits Observed in Bone Marrow Failure and Acquired Aplastic Anemia. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	35
5556	Buccal Fat Pad as a Potential Source of Stem Cells for Bone Regeneration: A Literature Review. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	40
5557	Mesenchymal Stem Cell Administration in Patients with Chronic Obstructive Pulmonary Disease: State of the Science. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	29
5558	On the origin and impact of mesenchymal stem cell heterogeneity: new insights and emerging tools for single cell analysis. , 2017, 34, 217-231.		144
5559	Effect of Low-Intensity Pulsed Ultrasound on Osteogenic Human Mesenchymal Stem Cells Commitment in a New Bone Scaffold. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2017, 15, 215-222.	0.7	23
5560	IL-1/TNF- α Inflammatory and Anti-Inflammatory Synchronization Affects Gingival Stem/Progenitor Cells' Regenerative Attributes. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	35
5561	Cellular and Molecular Mechanisms of Mesenchymal Stem Cell Actions. <i>Stem Cells International</i> , 2017, 2017, 1-2.	1.2	11
5562	Endometritis and <i>In Vitro</i> PGE ₂ Challenge Modify Properties of Cattle Endometrial Mesenchymal Stem Cells and Their Transcriptomic Profile. <i>Stem Cells International</i> , 2017, 2017, 1-16.	1.2	18
5563	Inhibition of Lysyl Oxidases Impairs Migration and Angiogenic Properties of Tumor-Associated Pericytes. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	17
5564	Overexpression of Heme Oxygenase-1 in Mesenchymal Stem Cells Augments Their Protection on Retinal Cells <i>In Vitro</i> and Attenuates Retinal Ischemia/Reperfusion Injury <i>In Vivo</i> against Oxidative Stress. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	18
5565	Mesenchymal Stem and Progenitor Cells in Regeneration: Tissue Specificity and Regenerative Potential. <i>Stem Cells International</i> , 2017, 2017, 1-16.	1.2	146
5566	Combined Analysis of Endothelial, Hematopoietic, and Mesenchymal Stem Cell Compartments Shows Simultaneous but Independent Effects of Age and Heart Disease. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	4
5567	Age-Related Changes in Nucleus Pulposus Mesenchymal Stem Cells: An <i>In Vitro</i> Study in Rats. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	37

#	ARTICLE	IF	CITATIONS
5568	The Effects of BMP-2, miR-31, miR-106a, and miR-148a on Osteogenic Differentiation of MSCs Derived from Amnion in Comparison with MSCs Derived from the Bone Marrow. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	20
5569	(Mesenchymal) Stem Cell-Based Therapy in Cisplatin-Induced Acute Kidney Injury Animal Model: Risk of Immunogenicity and Tumorigenicity. <i>Stem Cells International</i> , 2017, 2017, 1-17.	1.2	40
5570	Mesenchymal Stem Cells Transplantation following Partial Hepatectomy: A New Concept to Promote Liver Regeneration—Systematic Review of the Literature Focused on Experimental Studies in Rodent Models. <i>Stem Cells International</i> , 2017, 2017, 1-22.	1.2	13
5571	Myocardial Regeneration via Progenitor Cell-Derived Exosomes. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	15
5572	Cell Therapies in Cardiomyopathy: Current Status of Clinical Trials. <i>Analytical Cellular Pathology</i> , 2017, 2017, 1-20.	0.7	28
5573	The Holy Grail of Orthopedic Surgery: Mesenchymal Stem Cells—Their Current Uses and Potential Applications. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	84
5574	The Application of Stem Cells from Different Tissues to Cartilage Repair. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	21
5575	The Immunomodulatory Effects of Mesenchymal Stem Cell Polarization within the Tumor Microenvironment Niche. <i>Stem Cells International</i> , 2017, 2017, 1-17.	1.2	76
5576	Molecular Mechanisms of Immunomodulation Properties of Mesenchymal Stromal Cells: A New Insight into the Role of ICAM-1. <i>Stem Cells International</i> , 2017, 2017, 1-15.	1.2	51
5577	Cell Connections by Tunneling Nanotubes: Effects of Mitochondrial Trafficking on Target Cell Metabolism, Homeostasis, and Response to Therapy. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	127
5578	Stemness Characteristics of Periodontal Ligament Stem Cells from Donors and Multiple Sclerosis Patients: A Comparative Study. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	19
5579	Promising Therapeutic Strategies for Mesenchymal Stem Cell-Based Cardiovascular Regeneration: From Cell Priming to Tissue Engineering. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	52
5580	Studies of the Influence of Gold Nanoparticles on Characteristics of Mesenchymal Stem Cells. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-9.	1.5	17
5581	Platelet Lysate: The Better Choice for Jaw Periosteal Cell Mineralization. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	4
5582	A Concise Review on the Use of Mesenchymal Stem Cells in Cell Sheet-Based Tissue Engineering with Special Emphasis on Bone Tissue Regeneration. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	58
5583	Safety of Allogeneic Canine Adipose Tissue-Derived Mesenchymal Stem Cell Intraspinal Transplantation in Dogs with Chronic Spinal Cord Injury. <i>Stem Cells International</i> , 2017, 2017, 1-11.	1.2	29
5584	Different Angiogenic Potentials of Mesenchymal Stem Cells Derived from Umbilical Artery, Umbilical Vein, and Wharton—'s Jelly. <i>Stem Cells International</i> , 2017, 2017, 1-15.	1.2	20
5585	Intrinsic Variability Present in Wharton—'s Jelly Mesenchymal Stem Cells and T Cell Responses May Impact Cell Therapy. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	16

#	ARTICLE	IF	CITATIONS
5586	Bone Marrow Aspirate Concentrate-Enhanced Marrow Stimulation of Chondral Defects. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	56
5587	Impact of Tissue Harvesting Sites on the Cellular Behaviors of Adipose-Derived Stem Cells: Implication for Bone Tissue Engineering. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	26
5588	Galectin-3 Knockdown Impairs Survival, Migration, and Immunomodulatory Actions of Mesenchymal Stromal Cells in a Mouse Model of Chagas Disease Cardiomyopathy. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	23
5589	Intra-Articular Injection of Human Synovial Membrane-Derived Mesenchymal Stem Cells in Murine Collagen-Induced Arthritis: Assessment of Immunomodulatory Capacity In Vivo. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	21
5590	Characteristics of Human Endometrium-Derived Mesenchymal Stem Cells and Their Tropism to Endometriosis. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	35
5591	Isolation and Molecular Characterization of Amniotic Fluid-Derived Mesenchymal Stem Cells Obtained from Caesarean Sections. <i>Stem Cells International</i> , 2017, 2017, 1-15.	1.2	55
5592	Erythropoietin Modification Enhances the Protection of Mesenchymal Stem Cells on Diabetic Rat-Derived Schwann Cells: Implications for Diabetic Neuropathy. <i>BioMed Research International</i> , 2017, 2017, 1-11.	0.9	8
5593	Engineering Niches for Cartilage Tissue Regeneration $\hat{=}$. , 2017, , 531-546.		3
5594	What Are Mesenchymal Stromal Cells? Origin and Discovery of Mesenchymal Stromal Cells. , 2017, , 1-37.		2
5595	Mesenchymal Stem/Stromal Cells From Adult Tissues. , 2017, , 39-63.		0
5596	Consideration of Biological Sex in Translating Regenerative Stem Cell Therapies. , 2017, , 443-458.		1
5597	Adipose-Derived Stem Cells in Regenerative Medicine. , 2017, , 459-479.		0
5599	Human Menstrual Blood-Derived Mesenchymal Stem Cells as Potential Cell Carriers for Oncolytic Adenovirus. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	24
5600	Nano-engineered skin mesenchymal stem cells: potential vehicles for tumour-targeted quantum-dot delivery. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1218-1230.	1.5	27
5601	Suppressive Effects of Mesenchymal Stem Cells in Adipose Tissue on Allergic Contact Dermatitis. <i>Annals of Dermatology</i> , 2017, 29, 391.	0.3	11
5602	Hypoxia in Mesenchymal Stem Cell. , 2017, , .		1
5603	Adipose-derived stem cells attenuate pulmonary microvascular hyperpermeability after smoke inhalation. <i>PLoS ONE</i> , 2017, 12, e0185937.	1.1	18
5604	Treatment of advanced gastrointestinal cancer with genetically modified autologous mesenchymal stem cells - TREAT-ME-1 - a phase I, first in human, first in class trial. <i>Oncotarget</i> , 2017, 8, 80156-80166.	0.8	40

#	ARTICLE	IF	CITATIONS
5605	Impaired Osteogenesis of Disease-Specific Induced Pluripotent Stem Cells Derived from a CFC Syndrome Patient. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2591.	1.8	6
5606	Adipose Tissue-Derived Stem Cells for Myocardial Regeneration. <i>Korean Circulation Journal</i> , 2017, 47, 151.	0.7	32
5607	Isolation, Expansion and Application of Human Mesenchymal Stem Cells. , 2017, , 304-319.		0
5608	Xeno-Free Cultivation of Mesenchymal Stem Cells From the Corneal Stroma. , 2017, 58, 2659.		16
5609	The effects of grafted mesenchymal stem cells labeled with iron oxide or cobalt-zinc-iron nanoparticles on the biological macromolecules of rat brain tissue extracts. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4519-4526.	3.3	14
5610	Basic Fibroblast Growth Factor Inhibits Apoptosis and Promotes Proliferation of Adipose-Derived Mesenchymal Stromal Cells Isolated from Patients with Type 2 Diabetes by Reducing Cellular Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-22.	1.9	36
5611	Isolation of Mesenchymal Stem Cells from Human Deciduous Teeth Pulp. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	31
5612	Skin-derived mesenchymal stem cells as quantum dot vehicles to tumors. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8129-8142.	3.3	16
5613	Mesenchymal Cell Reprogramming in Experimental MPLW515L Mouse Model of Myelofibrosis. <i>PLoS ONE</i> , 2017, 12, e0166014.	1.1	4
5614	Niche matters: The comparison between bone marrow stem cells and endometrial stem cells and stromal fibroblasts reveal distinct migration and cytokine profiles in response to inflammatory stimulus. <i>PLoS ONE</i> , 2017, 12, e0175986.	1.1	26
5615	Human bone marrow harbors cells with neural crest-associated characteristics like human adipose and dermis tissues. <i>PLoS ONE</i> , 2017, 12, e0177962.	1.1	29
5616	Preconditioning of adipose tissue-derived mesenchymal stem cells with deferoxamine increases the production of pro-angiogenic, neuroprotective and anti-inflammatory factors: Potential application in the treatment of diabetic neuropathy. <i>PLoS ONE</i> , 2017, 12, e0178011.	1.1	100
5617	Generation of an immortalized mesenchymal stem cell line producing a secreted biosensor protein for glucose monitoring. <i>PLoS ONE</i> , 2017, 12, e0185498.	1.1	18
5618	The human kidney capsule contains a functionally distinct mesenchymal stromal cell population. <i>PLoS ONE</i> , 2017, 12, e0187118.	1.1	9
5619	Alterations of HSC Niche in Myeloid Malignancies. <i>Advances in Stem Cells and Their Niches</i> , 2017, , 123-153.	0.1	0
5620	Human Deciduous Teeth Stem Cells (SHED) Display Neural Crest Signature Characters. <i>PLoS ONE</i> , 2017, 12, e0170321.	1.1	32
5621	Ovine Mesenchymal Stromal Cells: Morphologic, Phenotypic and Functional Characterization for Osteochondral Tissue Engineering. <i>PLoS ONE</i> , 2017, 12, e0171231.	1.1	23
5622	Engineering Approaches for Creating Skeletal Muscle. <i>Frontiers in Nanobiomedical Research</i> , 2017, , 1-27.	0.1	2

#	ARTICLE	IF	CITATIONS
5623	Interferon β induced compositional changes in human bone marrow derived mesenchymal stem/stromal cells. <i>Clinical Proteomics</i> , 2017, 14, 26.	1.1	30
5624	Honokiol improved chondrogenesis and suppressed inflammation in human umbilical cord derived mesenchymal stem cells via blocking nuclear factor- κ B pathway. <i>BMC Cell Biology</i> , 2017, 18, 29.	3.0	19
5625	Research on advanced intervention using novel bone marrow stem cell (RAINBOW): a study protocol for a phase I, open-label, uncontrolled, dose-response trial of autologous bone marrow stromal cell transplantation in patients with acute ischemic stroke. <i>BMC Neurology</i> , 2017, 17, 179.	0.8	42
5626	The effect of autologous adipose derived mesenchymal stem cell therapy in the treatment of a large osteochondral defect of the knee following unsuccessful surgical intervention of osteochondritis dissecans – a case study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 298.	0.8	27
5627	Omental adipose tissue is a more suitable source of canine Mesenchymal stem cells. <i>BMC Veterinary Research</i> , 2017, 13, 166.	0.7	26
5628	Mesenchymal stem cells from sternum: the type of heart disease, ischemic or valvular, does not influence the cell culture establishment and growth kinetics. <i>Journal of Translational Medicine</i> , 2017, 15, 161.	1.8	4
5629	Intra-articular injection of expanded autologous bone marrow mesenchymal cells in moderate and severe knee osteoarthritis is safe: a phase I/II study. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 190.	0.9	103
5630	Human limbal fibroblast-like stem cells induce immune-tolerance in autoreactive T lymphocytes from female patients with Hashimoto's thyroiditis. <i>Stem Cell Research and Therapy</i> , 2017, 8, 154.	2.4	11
5631	Do we really need to differentiate mesenchymal stem cells into insulin-producing cells for attenuation of the autoimmune responses in type 1 diabetes: immunoprophylactic effects of precursors to insulin-producing cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 167.	2.4	9
5632	Isolation and characterization of equine endometrial mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 166.	2.4	35
5633	Harvesting multipotent progenitor cells from a small sample of tonsillar biopsy for clinical applications. <i>Stem Cell Research and Therapy</i> , 2017, 8, 174.	2.4	5
5634	Minocycline modulates NF κ B phosphorylation and enhances antimicrobial activity against <i>Staphylococcus aureus</i> in mesenchymal stromal/stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 171.	2.4	15
5635	Exosomes from embryonic mesenchymal stem cells alleviate osteoarthritis through balancing synthesis and degradation of cartilage extracellular matrix. <i>Stem Cell Research and Therapy</i> , 2017, 8, 189.	2.4	326
5636	Decoy TRAIL receptor CD264: a cell surface marker of cellular aging for human bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 201.	2.4	36
5637	Comparative characteristics of laryngeal-resident mesenchymal stromal cell populations isolated from distinct sites in the rat larynx. <i>Stem Cell Research and Therapy</i> , 2017, 8, 200.	2.4	1
5638	Sonic hedgehog (SHH) signaling improves the angiogenic potential of Wharton's jelly-derived mesenchymal stem cells (WJ-MSC). <i>Stem Cell Research and Therapy</i> , 2017, 8, 203.	2.4	19
5639	Mesenchymal stromal cell therapy reduces lung inflammation and vascular remodeling and improves hemodynamics in experimental pulmonary arterial hypertension. <i>Stem Cell Research and Therapy</i> , 2017, 8, 220.	2.4	52
5640	Restoring the quantity and quality of elderly human mesenchymal stem cells for autologous cell-based therapies. <i>Stem Cell Research and Therapy</i> , 2017, 8, 239.	2.4	85

#	ARTICLE	IF	CITATIONS
5641	Vitamin C plus hydrogel facilitates bone marrow stromal cell-mediated endometrium regeneration in rats. <i>Stem Cell Research and Therapy</i> , 2017, 8, 267.	2.4	57
5642	Pellet coculture of osteoarthritic chondrocytes and infrapatellar fat pad-derived mesenchymal stem cells with chitosan/hyaluronic acid nanoparticles promotes chondrogenic differentiation. <i>Stem Cell Research and Therapy</i> , 2017, 8, 264.	2.4	50
5643	Preconditioning of murine mesenchymal stem cells synergistically enhanced immunomodulation and osteogenesis. <i>Stem Cell Research and Therapy</i> , 2017, 8, 277.	2.4	86
5644	Assessment of safety and efficacy of mesenchymal stromal cell therapy in preclinical models of acute myocardial infarction: a systematic review protocol. <i>Systematic Reviews</i> , 2017, 6, 226.	2.5	8
5645	Impact of mesenchymal stem cellsâ€™ secretome on glioblastoma pathophysiology. <i>Journal of Translational Medicine</i> , 2017, 15, 200.	1.8	33
5646	Advances, challenges and future directions for stem cell therapy in amyotrophic lateral sclerosis. <i>Molecular Neurodegeneration</i> , 2017, 12, 85.	4.4	51
5647	Effects of acute exposure to low-dose radiation on the characteristics of human bone marrow mesenchymal stromal/stem cells. <i>Inflammation and Regeneration</i> , 2017, 37, 19.	1.5	6
5648	Growth differentiation factorâ€™5 induces tenomodulin expression via phosphorylation of p38 and promotes viability of murine mesenchymal stem cells from compact bone. <i>Molecular Medicine Reports</i> , 2017, 17, 3640-3646.	1.1	4
5649	Therapeutic Purposes and Risks of Ex Vivo Expanded Mesenchymal Stem/Stromal Cells. , 2017, , 551-587.		2
5650	Stem Cells from Human Exfoliated Deciduous Teeth: Biology and Therapeutic Potential. , 0, , .		3
5651	The Proangiogenic Potential of Mesenchymal Stem Cells and Their Therapeutic Applications. , 2017, , .		2
5652	Stably expressed reference genes during differentiation of bone marrow-derived mesenchymal stromal cells. <i>Turkish Journal of Biology</i> , 2017, 41, 88-97.	2.1	4
5653	MSCs Translational Process. , 2017, , 1-35.		1
5654	Involvement of WNT Signaling in the Regulation of Gestational Age-Dependent Umbilical Cord-Derived Mesenchymal Stem Cell Proliferation. <i>Stem Cells International</i> , 2017, 2017, 1-16.	1.2	9
5655	Anti-osteoporotic effects of tetramethylpyrazine via promoting osteogenic differentiation and inhibiting osteoclast formation. <i>Molecular Medicine Reports</i> , 2017, 16, 8307-8314.	1.1	10
5656	Human Amniotic Mesenchymal Stem Cells Exhibit Similar Immunosuppressive Ability with Bone Marrow Mesenchymal Stem Cells and Possess a Higher Proliferation Activity and Clearer Stem Cell Properties in vitro. <i>Journal of Leukemia (Los Angeles, Calif)</i> , 2017, 05, .	0.1	0
5657	Mesenchymal stromal cellsâ€™ role in tumor microenvironment: involvement of signaling pathways. <i>Cancer Biology and Medicine</i> , 2017, 14, 129.	1.4	74
5658	â€™Mesenchymal stem cellsâ€™: fact or fiction, and implications in their therapeutic use. <i>F1000Research</i> , 2017, 6, 524.	0.8	137

#	ARTICLE	IF	CITATIONS
5659	Analysis of Mitochondrial Transfer in Direct Co-cultures of Human Monocyte-derived Macrophages (MDM) and Mesenchymal Stem Cells (MSC). <i>Bio-protocol</i> , 2017, 7, .	0.2	47
5660	GMP Requirements. , 2017, , 179-201.		0
5661	Mesenchymal Stem/Stromal Cell Trafficking and Homing. , 2017, , 169-191.		0
5662	Mesenchymal Stromal Cells for Acute Renal Injury. , 2017, , 1085-1095.		0
5663	Mesenchymal Stem/Stromal Cells Derived From Pluripotent Stem Cells. , 2017, , 103-119.		1
5664	Promising neuroprotective strategies for traumatic spinal cord injury with a focus on the differential effects among anatomical levels of injury. <i>F1000Research</i> , 2017, 6, 1907.	0.8	67
5665	Study of Mesenchymal Stem Cells Cultured on a Poly(Lactic-co-Glycolic Acid) Scaffold Containing Simvastatin for Bone Healing. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2017, 15, 133-141.	0.7	19
5666	Characteristics of Full-Term Amniotic Fluid-Derived Mesenchymal Stem Cells in Different Culture Media. , 2017, , .		2
5667	Isolation, culture, characterization and cryopreservation of stem cells derived from amniotic mesenchymal layer and umbilical cord tissue of bovine fetuses. <i>Pesquisa Veterinaria Brasileira</i> , 2017, 37, 278-286.	0.5	10
5668	Mesenchymal Stem Cell-derived Extracellular Vesicles for Renal Repair. <i>Current Gene Therapy</i> , 2017, 17, 29-42.	0.9	87
5669	Standards for the culture and quality control of umbilical cord mesenchymal stromal cells for neurorestorative clinical application (2017). <i>Journal of Neurorestoratology</i> , 2017, Volume 6, 11-15.	1.1	2
5670	ISOLAMENTO E CULTIVO DE CÃ%LULAS TRONCO MESENQUIMAIS EXTRAÃĐAS DO TECIDO ADIPOSEO E DA MEDULA Ã“SSEA DE CÃFES. <i>Ciencia Animal Brasileira</i> , 2017, 18, .	0.3	2
5671	A Simple Method to Isolate and Expand Human Umbilical Cord Derived Mesenchymal Stem Cells: Using Explant Method and Umbilical Cord Blood Serum. <i>International Journal of Stem Cells</i> , 2017, 10, 184-192.	0.8	52
5672	Olfactory Mucosa Mesenchymal Stem Cells and Biomaterials: A New Combination to Regenerative Therapies after Peripheral Nerve Injury. , 0, , .		3
5673	The Challenge of Human Mesenchymal Stromal Cell Expansion: Current and Prospective Answers. , 0, , .		5
5674	The Role of Stem Cells of the Basal Layer of Endometrium in Gynaecological Diseases. <i>Critical Care Obstetrics and Gynecology</i> , 2017, 03, .	0.1	1
5675	Crosstalk between mesenchymal stem cells and macrophages in inflammatory bowel disease and associated colorectal cancer. <i>Wspolczesna Onkologia</i> , 2017, 2, 91-97.	0.7	19
5676	Effect of Isolation Technique and Location on the Phenotype of Human Corneal Stroma-Derived Cells. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	6

#	ARTICLE	IF	CITATIONS
5677	Mesenchymal Stromal Cells and Toll-Like Receptor Priming: A Critical Review. <i>Immune Network</i> , 2017, 17, 89.	1.6	100
5678	Mouse Mesenchymal Progenitor Cells Expressing Adipogenic and Osteogenic Transcription Factors Suppress the Macrophage Inflammatory Response. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	210
5679	Adipose-derived mesenchymal stem cells employed exosomes to attenuate AKI-CKD transition through tubular epithelial cell dependent Sox9 activation. <i>Oncotarget</i> , 2017, 8, 70707-70726.	0.8	84
5680	Vitamin K2 and its Impact on Tooth Epigenetics. , 0, , .		3
5681	Removal from adherent culture contributes to apoptosis in human bone marrow mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2017, 15, 3499-3506.	1.1	8
5682	Serum Preadipocyte Factor 1 Levels Are Not Associated with Bone Mineral Density among Healthy Postmenopausal Korean Women. <i>Endocrinology and Metabolism</i> , 2017, 32, 124.	1.3	0
5683	Stem cells in regenerative medicine â€œ from laboratory to clinical application â€œ the eye. <i>Central-European Journal of Immunology</i> , 2017, 2, 173-180.	0.4	9
5684	Three-dimensional bio-printing: A new frontier in oncology research. <i>World Journal of Clinical Oncology</i> , 2017, 8, 21.	0.9	55
5685	Mesenchymal Stem Cells Seeded on Biofunctionalized Scaffold for Tissue Engineering. , 2017, , 349-367.		1
5686	Cell therapy for the treatment of sepsis and acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 446-446.	0.7	30
5687	Engineered Mesenchymal Stem/Stromal Cells for Cellular Therapies. , 2017, , 501-519.		0
5688	Mesenchymal stem cells in periodontics: new perspectives. <i>Rgo</i> , 2017, 65, 254-259.	0.2	1
5689	Improved insulin-secreting properties of pancreatic islet mesenchymal stem cells by constitutive expression of Pax4 and MafA. <i>Turkish Journal of Biology</i> , 2017, 41, 979-991.	2.1	4
5690	HDAC8 overexpression in mesenchymal stromal cells from JAK2+ myeloproliferative neoplasms: a new therapeutic target?. <i>Oncotarget</i> , 2017, 8, 28187-28202.	0.8	8
5691	Effective component of <i>Salvia miltiorrhiza</i> in promoting cardiomyogenic differentiation of human placenta-derived mesenchymal stem cells. <i>International Journal of Molecular Medicine</i> , 2017, 41, 962-968.	1.8	6
5692	Mesenchymal Stromal Cell Production in Academic Centers: Challenges and Opportunities. , 2017, , 121-138.		0
5693	Mesenchymal Stromal Cells and the Approach to Clinical Trial Design: Lessons Learned From Graft Versus Host Disease. , 2017, , 203-225.		2
5694	Global Regulatory Perspective for MSCs. , 2017, , 243-287.		1

#	ARTICLE	IF	CITATIONS
5695	Stem-cell extracellular vesicles and lung repair. <i>Stem Cell Investigation</i> , 2017, 4, 78-78.	1.3	39
5696	Extracellular vesicle-mediated transport of non-coding RNAs between stem cells and cancer cells: implications in tumor progression and therapeutic resistance. <i>Stem Cell Investigation</i> , 2017, 4, 83-83.	1.3	28
5697	Isolation, culture and characterization of multipotent mesenchymal stem cells from goat umbilical cord blood. <i>Pesquisa Veterinaria Brasileira</i> , 2017, 37, 643-649.	0.5	8
5698	Mesenchymal stromal cell plasticity and the tumor microenvironment. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 487-492.	1.1	2
5699	Bone marrow concentrate and platelet-rich plasma differ in cell distribution and interleukin 1 receptor antagonist protein concentration. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 333-342.	2.3	151
5700	Nano-loaded human umbilical cord mesenchymal stem cells as targeted carriers of doxorubicin for breast cancer therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 642-652.	1.9	17
5701	Expression of Adhesion Molecules in Activated Endothelium after Interaction with Mesenchymal Stromal Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 164, 453-455.	0.3	0
5702	Reciprocal modulation of mesenchymal stem cells and tumor cells promotes lung cancer metastasis. <i>EBioMedicine</i> , 2018, 29, 128-145.	2.7	50
5703	Biosafety and bioefficacy assessment of human mesenchymal stem cells: what do we know so far?. <i>Regenerative Medicine</i> , 2018, 13, 219-232.	0.8	31
5704	Macrophage-derived GPNMB accelerates skin healing. <i>Experimental Dermatology</i> , 2018, 27, 630-635.	1.4	26
5705	Wharton's Jelly Derived Mesenchymal Stem Cells: Comparing Human and Horse. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 574-584.	5.6	8
5706	Transforming growth factor beta superfamily regulation of adipose tissue biology in obesity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1160-1171.	1.8	85
5707	Aspirin-induced attenuation of adipogenic differentiation of bone marrow mesenchymal stem cells is accompanied by the disturbed epigenetic modification. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 98, 29-42.	1.2	15
5708	The future of mesenchymal stem cell-based therapeutic approaches for cancer – From cells to ghosts. <i>Cancer Letters</i> , 2018, 414, 239-249.	3.2	93
5709	Long-term regeneration and remodeling of the pig esophagus after circumferential resection using a retrievable synthetic scaffold carrying autologous cells. <i>Scientific Reports</i> , 2018, 8, 4123.	1.6	56
5710	Editorial to the Special Issue ‘Stem Cell Characterization Across Species’, <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 16-18.	1.1	2
5711	The Paracrine Effect of Adipose-Derived Stem Cells Inhibits IL-1 β -induced Inflammation in Chondrogenic Cells through the Wnt/ β -Catenin Signaling Pathway. <i>Regenerative Engineering and Translational Medicine</i> , 2018, 4, 35-41.	1.6	15
5712	Intraperitoneal administration of mesenchymal stem cells ameliorates acute dextran sulfate sodium-induced colitis by suppressing dendritic cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 426-432.	2.5	35

#	ARTICLE	IF	CITATIONS
5713	Pooled human serum: A new culture supplement for bioreactor-based cell therapies. Preliminary results. <i>Cytotherapy</i> , 2018, 20, 556-563.	0.3	13
5714	Exogenous nitric oxide stimulates the odontogenic differentiation of rat dental pulp stem cells. <i>Scientific Reports</i> , 2018, 8, 3419.	1.6	34
5715	Infrared Spectroscopy and Imaging in Stem Cells and Aging Research. <i>Methods in Molecular Biology</i> , 2018, 2045, 201-215.	0.4	9
5716	New prospects of mesenchymal stem cells for ameliorating temporal lobe epilepsy. <i>Inflammopharmacology</i> , 2018, 26, 963-972.	1.9	15
5717	Analysis of cardiac stem cell self-renewal dynamics in serum-free medium by single cell lineage tracking. <i>Stem Cell Research</i> , 2018, 28, 115-124.	0.3	6
5718	Periosteum contains skeletal stem cells with high bone regenerative potential controlled by Periostin. <i>Nature Communications</i> , 2018, 9, 773.	5.8	366
5719	Mesenchymal stem cell therapy in cats: Current knowledge and future potential. <i>Journal of Feline Medicine and Surgery</i> , 2018, 20, 208-216.	0.6	41
5720	Combining advantages: Direct correlation of two-dimensional microcomputed tomography datasets onto histomorphometric slides to quantify three-dimensional bone volume in scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1812-1821.	2.1	5
5721	Role of the Inferior Alveolar Nerve in Rodent Lower Incisor Stem Cells. <i>Journal of Dental Research</i> , 2018, 97, 954-961.	2.5	9
5722	Derivation of Multipotent Mesenchymal Stromal Cells from Ovine Bone Marrow. <i>Current Protocols in Stem Cell Biology</i> , 2018, 44, 2B.9.1-2B.9.22.	3.0	19
5723	Human Umbilical Cord Matrix Stem Cells Reverse Oxidative Stress-Induced Cell Death and Ameliorate Motor Function and Striatal Atrophy in Rat Model of Huntington Disease. <i>Neurotoxicity Research</i> , 2018, 34, 273-284.	1.3	38
5724	Insight into the development of obesity: functional alterations of adipose-derived mesenchymal stem cells. <i>Obesity Reviews</i> , 2018, 19, 888-904.	3.1	103
5726	Origin-Specific Adhesive Interactions of Mesenchymal Stem Cells with Platelets Influence Their Behavior After Infusion. <i>Stem Cells</i> , 2018, 36, 1062-1074.	1.4	25
5727	Identification of Adult Mesodermal Progenitor Cells and Hierarchy in Atherosclerotic Vascular Calcification. <i>Stem Cells</i> , 2018, 36, 1075-1096.	1.4	7
5728	Embryonic Stem Cell-Derived Mesenchymal Stem Cells (MSCs) Have a Superior Neuroprotective Capacity Over Fetal MSCs in the Hypoxic-Ischemic Mouse Brain. <i>Stem Cells Translational Medicine</i> , 2018, 7, 439-449.	1.6	62
5730	Changes of mitochondrial respiratory function during odontogenic differentiation of rat dental papilla cells. <i>Journal of Molecular Histology</i> , 2018, 49, 51-61.	1.0	14
5731	Bone marrow-derived mesenchymal stem cells promote cell proliferation of multiple myeloma through inhibiting T cell immune responses via PD-1/PD-L1 pathway. <i>Cell Cycle</i> , 2018, 17, 858-867.	1.3	36
5732	Characterisation and immunosuppressive activity of human cartilage-derived mesenchymal stem cells. <i>Cytotechnology</i> , 2018, 70, 1037-1050.	0.7	4

#	ARTICLE	IF	CITATIONS
5733	Potency Analysis of Mesenchymal Stromal Cells Using a Combinatorial Assay Matrix Approach. <i>Cell Reports</i> , 2018, 22, 2504-2517.	2.9	150
5734	Recent Advances and Future Directions in Postmastectomy Breast Reconstruction. <i>Clinical Breast Cancer</i> , 2018, 18, e571-e585.	1.1	23
5735	Therapeutic approaches to control tissue repair and fibrosis: Extracellular matrix as a game changer. <i>Matrix Biology</i> , 2018, 71-72, 205-224.	1.5	147
5736	Completely serum-free and chemically defined adipocyte development and maintenance. <i>Cytotherapy</i> , 2018, 20, 576-588.	0.3	12
5737	Global phenotypic characterisation of human platelet lysate expanded MSCs by high-throughput flow cytometry. <i>Scientific Reports</i> , 2018, 8, 3907.	1.6	17
5738	Recurrent Spindle Cell Carcinoma Shows Features of Mesenchymal Stem Cells. <i>Journal of Dental Research</i> , 2018, 97, 779-786.	2.5	3
5739	Exposing mesenchymal stem cells to chondroitin sulphated proteoglycans reduces their angiogenic and neuro-adhesive paracrine activity. <i>Biochimie</i> , 2018, 155, 26-36.	1.3	7
5740	Indirect co-cultures of healthy mesenchymal stem cells restore the physiological phenotypical profile of psoriatic mesenchymal stem cells. <i>Clinical and Experimental Immunology</i> , 2018, 193, 234-240.	1.1	24
5741	The Dynamics of Cell Properties during Long-Term Cultivation of Two Lines of Mesenchymal Stem Cells Derived from Wharton's Jelly of Human Umbilical Cord. <i>Cell and Tissue Biology</i> , 2018, 12, 7-19.	0.2	12
5742	Combining electrical stimulation and tissue engineering to treat large bone defects in a rat model. <i>Scientific Reports</i> , 2018, 8, 6307.	1.6	134
5743	Limbal niche cells are a potent resource of adult mesenchymal progenitors. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3315-3322.	1.6	18
5744	Canine Adult Adipose Tissue-Derived Multipotent Stromal Cell Isolation and Characterization. <i>Methods in Molecular Biology</i> , 2018, 1773, 189-202.	0.4	2
5745	Adipose-Derived Stromal Vascular Fraction Cells and Platelet-Rich Plasma: Basic and Clinical Implications for Tissue Engineering Therapies in Regenerative Surgery. <i>Methods in Molecular Biology</i> , 2018, 1773, 107-122.	0.4	14
5746	Stem Cells in Osteochondral Tissue Engineering. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1058, 359-372.	0.8	12
5747	Mesenchymal Stem Cells on Horizon: A New Arsenal of Therapeutic Agents. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 484-499.	5.6	69
5748	Comparative study of regenerative effects of mesenchymal stem cells derived from placental amnion, chorion and umbilical cord on dermal wounds. <i>Placenta</i> , 2018, 65, 37-46.	0.7	46
5749	Mesenchymal Stromal Cell Therapy for Respiratory Complications of Extreme Prematurity. <i>American Journal of Perinatology</i> , 2018, 35, 566-569.	0.6	7
5750	Durable engraftment of genetically modified FVIII-secreting autologous bone marrow stromal cells in the intramedullary microenvironment. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3698-3702.	1.6	8

#	ARTICLE	IF	CITATIONS
5751	Molecular Phenotyping of Telomerized Human Bone Marrow Skeletal Stem Cells Reveals a Genetic Program of Enhanced Proliferation and Maintenance of Differentiation Responses. <i>JBMR Plus</i> , 2018, 2, 257-267.	1.3	21
5752	Hydrogen peroxide: a potent inducer of differentiation of human adipose-derived stem cells into chondrocytes. <i>Free Radical Research</i> , 2018, 52, 763-774.	1.5	18
5753	Isolating Pediatric Mesenchymal Stem Cells with Enhanced Expansion and Differentiation Capabilities. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 313-321.	1.1	26
5754	Mesenchymal stromal cells: a novel therapy for the treatment of chronic obstructive pulmonary disease?. <i>Thorax</i> , 2018, 73, 565-574.	2.7	69
5755	Interferon-Gamma Impairs Maintenance and Alters Hematopoietic Support of Bone Marrow Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2018, 27, 579-589.	1.1	24
5756	Behavioral Changes of Multipotent Mesenchymal Stromal Cells in Contact with Synthetic Calcium Phosphates in vitro. <i>Cell and Tissue Biology</i> , 2018, 12, 112-119.	0.2	12
5757	Development of large-scale manufacturing of adipose-derived stromal cells for clinical applications using bioreactors and human platelet lysate. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 293-300.	0.6	42
5758	Concise Review: Rational Use of Mesenchymal Stem Cells in the Treatment of Ischemic Heart Disease. <i>Stem Cells Translational Medicine</i> , 2018, 7, 543-550.	1.6	76
5759	Induction of Human Adipose-Derived Mesenchymal Stem Cells into Germ Lineage Using Retinoic Acid. <i>Cellular Reprogramming</i> , 2018, 20, 127-134.	0.5	7
5760	Conditioned medium from umbilical cord mesenchymal stem cells improves nasal mucosa damage by radiation. <i>Biotechnology Letters</i> , 2018, 40, 999-1007.	1.1	2
5761	Current Concepts in Meniscus Tissue Engineering and Repair. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701407.	3.9	97
5762	Isolation of human mesenchymal stem cells from amnion, chorion, placental decidua and umbilical cord: comparison of four enzymatic protocols. <i>Biotechnology Letters</i> , 2018, 40, 989-998.	1.1	24
5763	In vitro differentiation of bovine bone marrow-derived mesenchymal stem cells into male germ cells by exposure to exogenous bioactive factors. <i>Reproduction in Domestic Animals</i> , 2018, 53, 700-709.	0.6	21
5764	Ultrastructural analysis of human umbilical cord derived MSCs at undifferentiated stage and during osteogenic and adipogenic differentiation. <i>Ultrastructural Pathology</i> , 2018, 42, 199-210.	0.4	13
5765	Immunotherapy in inflammatory bowel disease: Novel and emerging treatments. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 1-15.	1.4	32
5766	Biological Treatment for Osteoarthritis of the Knee: Moving from Bench to Bedside—Current Practical Concepts. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1719-1729.	1.3	32
5767	Temporomandibular joint regeneration: proposal of a novel treatment for condylar resorption after orthognathic surgery using transplantation of autologous nasal septum chondrocytes, and the first human case report. <i>Stem Cell Research and Therapy</i> , 2018, 9, 94.	2.4	10
5768	Isolation of a multipotent mesenchymal stem cell-like population from human adrenal cortex. <i>Endocrine Connections</i> , 2018, 7, 617-629.	0.8	4

#	ARTICLE	IF	CITATIONS
5769	Mesenchymal Stem Cells (MSC) Derived from Induced Pluripotent Stem Cells (iPSC) Equivalent to Adipose-Derived MSC in Promoting Intestinal Healing and Microbiome Normalization in Mouse Inflammatory Bowel Disease Model. <i>Stem Cells Translational Medicine</i> , 2018, 7, 456-467.	1.6	123
5770	Thermo-setting glass ionomer cements promote variable biological responses of human dental pulp stem cells. <i>Dental Materials</i> , 2018, 34, 932-943.	1.6	23
5771	Two-step transplantation with adipose tissue-derived stem cells increases follicle survival by enhancing vascularization in xenografted frozen-thawed human ovarian tissue. <i>Human Reproduction</i> , 2018, 33, 1107-1116.	0.4	53
5772	Targeting the tumour stroma to improve cancer therapy. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 366-381.	12.5	719
5773	In Vitro Survival of Human Mesenchymal Stem Cells is Enhanced in Artificial Endolymph with Moderately High Concentrations of Potassium. <i>Stem Cells and Development</i> , 2018, 27, 658-670.	1.1	3
5774	Enhancement of Progenitor Cells by Two-Step Centrifugation of Emulsified Lipoaspirates. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 99-109.	0.7	46
5775	A Randomized, Placebo-Controlled Trial of Human Umbilical Cord Blood Mesenchymal Stem Cell Infusion for Children With Cerebral Palsy. <i>Cell Transplantation</i> , 2018, 27, 325-334.	1.2	84
5776	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). <i>Cell Transplantation</i> , 2018, 27, 310-324.	1.2	40
5777	Therapeutic strategies involving uterine stem cells in reproductive medicine. <i>Current Opinion in Obstetrics and Gynecology</i> , 2018, 30, 209-216.	0.9	33
5778	Characterization of mesenchymal stem/stromal cells with lymphoid tissue organizer cell potential in tonsils from children. <i>European Journal of Immunology</i> , 2018, 48, 829-843.	1.6	7
5779	N-acetyl-l-cysteine protects dental tissue stem cells against oxidative stress in vitro. <i>Clinical Oral Investigations</i> , 2018, 22, 2897-2903.	1.4	10
5780	Hematogenous Dissemination of Mesenchymal Stem Cells from Endometriosis. <i>Stem Cells</i> , 2018, 36, 881-890.	1.4	38
5781	Fetal bovine serum-free cryopreservation methods for clinical banking of human adipose-derived stem cells. <i>Cryobiology</i> , 2018, 81, 65-73.	0.3	22
5782	Mesenchymal stromal/stem cells as potential therapy in diabetic retinopathy. <i>Immunobiology</i> , 2018, 223, 729-743.	0.8	56
5783	Rationale and design of the Clinical and Histologic Analysis of Mesenchymal Stromal Cells in AmPutations (CHAMP) trial investigating the therapeutic mechanism of mesenchymal stromal cells in the treatment of critical limb ischemia. <i>Journal of Vascular Surgery</i> , 2018, 68, 176-181.e1.	0.6	15
5784	The Radiation Resistance of Human Multipotent Mesenchymal Stromal Cells Is Independent of Their Tissue of Origin. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 1259-1269.	0.4	26
5785	Extracellular vesicle therapeutics for liver disease. <i>Journal of Controlled Release</i> , 2018, 273, 86-98.	4.8	88
5786	Platelet lysate enhances synovial fluid multipotential stromal cells functions: Implications for therapeutic use. <i>Cytotherapy</i> , 2018, 20, 375-384.	0.3	12

#	ARTICLE	IF	CITATIONS
5787	Advanced nutritional and stem cells approaches to prevent equine metabolic syndrome. <i>Research in Veterinary Science</i> , 2018, 118, 115-125.	0.9	12
5788	In Vivo Labeling by CD73 Marks Multipotent Stromal Cells and Highlights Endothelial Heterogeneity in the Bone Marrow Niche. <i>Cell Stem Cell</i> , 2018, 22, 262-276.e7.	5.2	47
5789	Differentiation of Mesenchymal Stem Cells from Human Induced Pluripotent Stem Cells Results in Downregulation of c-Myc and DNA Replication Pathways with Immunomodulation Toward CD4 and CD8 Cells. <i>Stem Cells</i> , 2018, 36, 903-914.	1.4	43
5790	The TLR4-PAR1 Axis Regulates Bone Marrow Mesenchymal Stromal Cell Survival and Therapeutic Capacity in Experimental Bacterial Pneumonia. <i>Stem Cells</i> , 2018, 36, 796-806.	1.4	24
5791	Autologous Fat Transfer for Facial Augmentation and Regeneration. <i>Atlas of the Oral and Maxillofacial Surgery Clinics of North America</i> , 2018, 26, 25-32.	0.4	6
5792	Intra-articular knee implantation of autologous bone marrow-derived mesenchymal stromal cells in rheumatoid arthritis patients with knee involvement: Results of a randomized, triple-blind, placebo-controlled phase 1/2 clinical trial. <i>Cytotherapy</i> , 2018, 20, 499-506.	0.3	70
5793	Progress in the use of dental pulp stem cells in regenerative medicine. <i>Cytotherapy</i> , 2018, 20, 479-498.	0.3	98
5794	MSCs—cells with many sides. <i>Cytotherapy</i> , 2018, 20, 273-278.	0.3	91
5795	Angiogenic Activity of Human Adipose-Derived Mesenchymal Stem Cells Under Simulated Microgravity. <i>Stem Cells and Development</i> , 2018, 27, 831-837.	1.1	24
5796	Multifaceted regenerative lives of “expired” platelets. <i>ISBT Science Series</i> , 2018, 13, 323-330.	1.1	2
5797	Current status of stem cells in cardiac repair. <i>Future Cardiology</i> , 2018, 14, 181-192.	0.5	10
5798	Human adipose-derived mesenchymal stem cells for osteoarthritis: a pilot study with long-term follow-up and repeated injections. <i>Regenerative Medicine</i> , 2018, 13, 295-307.	0.8	167
5799	Integrated mRNA and miRNA profiling revealed deregulation of cellular stress response in bone marrow mesenchymal stem cells derived from patients with immune thrombocytopenia. <i>Functional and Integrative Genomics</i> , 2018, 18, 287-299.	1.4	15
5800	Human umbilical cord mesenchymal stem cell-derived extracellular vesicles promote lung adenocarcinoma growth by transferring miR-410. <i>Cell Death and Disease</i> , 2018, 9, 218.	2.7	107
5801	Insights into inflammatory priming of mesenchymal stromal cells: functional biological impacts. <i>Inflammation Research</i> , 2018, 67, 467-477.	1.6	66
5802	Effect of Cryopreservation on Human Adipose Tissue and Isolated Stromal Vascular Fraction Cells: In Vitro and In Vivo Analyses. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 232e-243e.	0.7	20
5803	A quiescent cell population replenishes mesenchymal stem cells to drive accelerated growth in mouse incisors. <i>Nature Communications</i> , 2018, 9, 378.	5.8	73
5804	Conditioned Medium Obtained from Amnion-Derived Mesenchymal Stem Cell Culture Prevents Activation of Keloid Fibroblasts. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 390-398.	0.7	26

#	ARTICLE	IF	CITATIONS
5805	Mesenchymal Stromal Cell Therapy. <i>Critical Care Medicine</i> , 2018, 46, 343-345.	0.4	2
5806	Genetically modified stem cells in treatment of human diseases: Tissue kallikrein (KLK1)-based targeted therapy (Review). <i>International Journal of Molecular Medicine</i> , 2018, 41, 1177-1186.	1.8	16
5807	Immunological impact of Wharton's Jelly mesenchymal stromal cells and natural killer cell co-culture. <i>Molecular and Cellular Biochemistry</i> , 2018, 447, 111-124.	1.4	18
5808	Is Regenerative Medicine Ready for Prime Time in Diabetic Polyneuropathy?. <i>Current Diabetes Reports</i> , 2018, 18, 3.	1.7	1
5809	Ubiquitin C decrement plays a pivotal role in replicative senescence of bone marrow mesenchymal stromal cells. <i>Cell Death and Disease</i> , 2018, 9, 139.	2.7	14
5810	The neuroprotective effect of rat adipose tissue-derived mesenchymal stem cell-conditioned medium on cortical neurons using an in vitro model of SCI inflammation. <i>Neurological Research</i> , 2018, 40, 258-267.	0.6	10
5811	Paragangliomas arise through an autonomous vasculo-angio-neurogenic program inhibited by imatinib. <i>Acta Neuropathologica</i> , 2018, 135, 779-798.	3.9	20
5812	Synthetic extracellular matrix mimic hydrogel improves efficacy of mesenchymal stromal cell therapy for ischemic cardiomyopathy. <i>Acta Biomaterialia</i> , 2018, 70, 71-83.	4.1	41
5813	Minimally Manipulated Bone Marrow Concentrate Compared with Microfracture Treatment of Full-Thickness Chondral Defects. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 138-146.	1.4	36
5814	HipOP mesenchymal population has high potential for repairing injured peripheral nerves. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4836-4844.	1.2	0
5815	Mesenchymal stromal cells of the bone marrow and natural killer cells: cell interactions and cross modulation. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 673-688.	1.8	40
5816	Interactive effects of LPS and dentine matrix proteins on human dental pulp stem cells. <i>International Endodontic Journal</i> , 2018, 51, 877-888.	2.3	38
5817	Efficient ultrafiltration-based protocol to deplete extracellular vesicles from fetal bovine serum. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1422674.	5.5	132
5818	Inflammation, mesenchymal stem cells and bone regeneration. <i>Histochemistry and Cell Biology</i> , 2018, 149, 393-404.	0.8	110
5819	Mesenchymal stem cell (MSC)-mediated survival of insulin producing pancreatic β -cells during cellular stress involves signalling via Akt and ERK1/2. <i>Molecular and Cellular Endocrinology</i> , 2018, 473, 235-244.	1.6	11
5820	Intratumoral Delivery of Interferon- γ -Secreting Mesenchymal Stromal Cells Repolarizes Tumor-Associated Macrophages and Suppresses Neuroblastoma Proliferation In Vivo. <i>Stem Cells</i> , 2018, 36, 915-924.	1.4	55
5821	Variation in primary and culture-expanded cells derived from connective tissue progenitors in human bone marrow space, bone trabecular surface and adipose tissue. <i>Cytotherapy</i> , 2018, 20, 343-360.	0.3	26
5822	Intra-articular injection of mesenchymal stem cells in treating knee osteoarthritis: a systematic review of animal studies. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 445-461.	0.6	39

#	ARTICLE	IF	CITATIONS
5823	Primary Cilia Are Dysfunctional in Obese Adipose-Derived Mesenchymal Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 583-599.	2.3	48
5824	Evaluation of the Biodistribution of Human Dental Pulp Stem Cells Transplanted into Mice. <i>Journal of Endodontics</i> , 2018, 44, 592-598.	1.4	5
5825	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. <i>Stem Cells</i> , 2018, 36, 696-708.	1.4	48
5826	Functional recovery by application of human dedifferentiated fat cells on cerebral infarction mice model. <i>Cytotechnology</i> , 2018, 70, 949-959.	0.7	5
5827	Functionally compromised synovium-derived mesenchymal stem cells in Charcot neuroarthropathy. <i>Experimental and Molecular Pathology</i> , 2018, 104, 82-88.	0.9	5
5828	Aldehyde Dehydrogenase Activity in Adipose Tissue: Isolation and Gene Expression Profile of Distinct Sub-population of Mesenchymal Stromal Cells. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 599-611.	5.6	12
5829	Doxorubicin, mesenchymal stem cell toxicity and antitumour activity: implications for clinical use. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 320-327.	1.2	43
5830	The spleen of patients with myelofibrosis harbors defective mesenchymal stromal cells. <i>American Journal of Hematology</i> , 2018, 93, 615-622.	2.0	8
5831	Employing mesenchymal stem cells to support tumor-targeted delivery of extracellular vesicle (EV)-encapsulated microRNA-379. <i>Oncogene</i> , 2018, 37, 2137-2149.	2.6	150
5832	Downregulation of heat shock protein B8 decreases osteogenic differentiation potential of dental pulp stem cells during in vitro proliferation. <i>Cell Proliferation</i> , 2018, 51, e12420.	2.4	16
5833	Immunohematology Mesenchymal Stromal Cell-based Therapy: From Research to Clinic. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018, 26, e26-e43.	0.6	4
5834	Development of lacrimal gland spheroids for lacrimal gland tissue regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e2001-e2009.	1.3	15
5835	The Clinical Applications of Endometrial Mesenchymal Stem Cells. <i>Biopreservation and Biobanking</i> , 2018, 16, 158-164.	0.5	21
5836	Biomimetic Tissue-Engineered Bone Substitutes for Maxillofacial and Craniofacial Repair: The Potential of Cell Sheet Technologies. <i>Advanced Healthcare Materials</i> , 2018, 7, e1700919.	3.9	60
5837	Rescue plan for Achilles: Therapeutics steering the fate and functions of stem cells in tendon wound healing. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 352-375.	6.6	106
5838	The challenges of promoting osteogenesis in segmental bone defects and osteoporosis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1559-1572.	1.2	38
5839	Regenerative Medicine/Cardiac Cell Therapy: Adult/Somatic Progenitor Cells. <i>Thoracic and Cardiovascular Surgeon</i> , 2018, 66, 042-052.	0.4	2
5840	Degradation of Poly(ϵ -caprolactone) and bio-interactions with mouse bone marrow mesenchymal stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 107-118.	2.5	38

#	ARTICLE	IF	CITATIONS
5841	Mesenchymal stromal cells for tolerance induction in organ transplantation. <i>Human Immunology</i> , 2018, 79, 304-313.	1.2	40
5842	Cell Clusters Are Indicative of Stem Cell Activity in the Degenerate Intervertebral Disc: Can Their Properties Be Manipulated to Improve Intrinsic Repair of the Disc?. <i>Stem Cells and Development</i> , 2018, 27, 147-165.	1.1	26
5843	Isolation and Characterization of Bone Marrow Mesenchymal Stromal Cell Subsets in Culture Based on Aldehyde Dehydrogenase Activity. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 89-98.	1.1	3
5844	Effects of Agricultural Organic Dusts on Human Lung-Resident Mesenchymal Stem (Stromal) Cell Function. <i>Toxicological Sciences</i> , 2018, 162, 635-644.	1.4	10
5845	Response by MarbÄn and de Couto to Letter Regarding Article, "Exosomal MicroRNA Transfer Into Macrophages Mediates Cellular Postconditioning". <i>Circulation</i> , 2018, 137, 212-212.	1.6	1
5846	Loss of A20 in BM-MSCs regulates the Th17/Treg balance in Rheumatoid Arthritis. <i>Scientific Reports</i> , 2018, 8, 427.	1.6	23
5847	Enhanced chondrogenesis of mesenchymal stem cells over silk fibroin/chitosan-chondroitin sulfate three dimensional scaffold in dynamic culture condition. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2576-2587.	1.6	23
5848	Human mesenchymal stem cells lose their functional properties after paclitaxel treatment. <i>Scientific Reports</i> , 2018, 8, 312.	1.6	32
5849	Human Mesenchymal Stromal Cell-Derived Extracellular Vesicles Modify Microglial Response and Improve Clinical Outcomes in Experimental Spinal Cord Injury. <i>Scientific Reports</i> , 2018, 8, 480.	1.6	103
5850	Mesenchymal stem cell deficiency influences megakaryocytopoiesis through the TNFAIP3/NF-ÎB/SMAD pathway in patients with immune thrombocytopenia. <i>British Journal of Haematology</i> , 2018, 180, 395-411.	1.2	32
5851	Donor Variability in Growth Kinetics of Healthy hMSCs Using Manual Processing: Considerations for Manufacture of Cell Therapies. <i>Biotechnology Journal</i> , 2018, 13, 1700085.	1.8	14
5852	Fetal subcutaneous cells have potential for autologous tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1177-1185.	1.3	1
5853	Heart Regeneration with Stem Cell Therapies. , 2018, , 469-483.		0
5854	Human Umbilical Cord Blood CD45+ Pan-Hematopoietic Cells Induced a Neurotherapeutic Effect in Mice with Traumatic Brain Injury: Immunophenotyping, Comparison of Maternal and Neonatal Parameters, and Immunomodulation. <i>Journal of Molecular Neuroscience</i> , 2018, 64, 185-199.	1.1	8
5855	A small population of resident limb bud mesenchymal cells express few MSC-associated markers, but the expression of these markers is increased immediately after cell culture. <i>Cell Biology International</i> , 2018, 42, 570-579.	1.4	8
5856	Platelet-Derived Growth Factor Receptor-Alpha Expressing Cardiac Progenitor Cells Can Be Derived from Previously Cryopreserved Human Heart Samples. <i>Stem Cells and Development</i> , 2018, 27, 184-198.	1.1	12
5857	Optimisation of a potency assay for the assessment of immunomodulative potential of clinical grade multipotent mesenchymal stromal cells. <i>Cytotechnology</i> , 2018, 70, 31-44.	0.7	22
5858	Bone marrow-derived mesenchymal stem cells transplantation alters the course of experimental paracoccidioidomycosis by exacerbating the chronic pulmonary inflammatory response. <i>Medical Mycology</i> , 2018, 56, 884-895.	0.3	14

#	ARTICLE	IF	CITATIONS
5859	Bilirubin reversibly affects cell death and odontogenic capacity in stem cells from human exfoliated deciduous teeth. <i>Oral Diseases</i> , 2018, 24, 809-819.	1.5	16
5860	Cell tracking, survival, and differentiation capacity of adipose-derived stem cells after engraftment in rat tissue. <i>Journal of Cellular Physiology</i> , 2018, 233, 6317-6328.	2.0	24
5861	Phenotypic and functional characterization of mesenchymal stromal cells isolated from pediatric patients with severe idiopathic nephrotic syndrome. <i>Cytotherapy</i> , 2018, 20, 322-334.	0.3	6
5862	Future Therapies for Progressive Multiple Sclerosis. , 2018, , 275-300.		0
5863	Stem cell factor supports migration in canine mesenchymal stem cells. <i>Veterinary Research Communications</i> , 2018, 42, 29-38.	0.6	15
5864	Immune Abnormalities in Autism Spectrum Disorder—Could They Hold Promise for Causative Treatment?. <i>Molecular Neurobiology</i> , 2018, 55, 6387-6435.	1.9	90
5865	ErbB2 promotes endothelial phenotype of human left ventricular epicardial highly proliferative cells (eHiPC). <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 115, 39-50.	0.9	5
5866	Adipose tissue-derived stem cells in a fibrin implant enhance neovascularization in a peritoneal grafting site: a potential way to improve ovarian tissue transplantation. <i>Human Reproduction</i> , 2018, 33, 270-279.	0.4	56
5867	Bone tissue engineering: Adult stem cells in combination with electrospun nanofibrous scaffolds. <i>Journal of Cellular Physiology</i> , 2018, 233, 6509-6522.	2.0	70
5868	Attachment and spatial organisation of human mesenchymal stem cells on poly(ethylene glycol) hydrogels. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 84, 46-53.	1.5	10
5869	Angiogenic potential of spheroids from umbilical cord and adipose-derived multipotent mesenchymal stromal cells within fibrin gel. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 044108.	1.7	28
5870	Comparison of mesenchymal stem cells obtained by suspended culture of synovium from patients with rheumatoid arthritis and osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 78.	0.8	12
5871	A comparison of the stem cell characteristics of murine tenocytes and tendon-derived stem cells. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 116.	0.8	26
5872	Clinical feasibility of umbilical cord tissue-derived mesenchymal stem cells in the treatment of multiple sclerosis. <i>Journal of Translational Medicine</i> , 2018, 16, 57.	1.8	118
5873	Porcine Wharton's jelly cells distribute throughout the body after intraperitoneal injection. <i>Stem Cell Research and Therapy</i> , 2018, 9, 38.	2.4	1
5874	Human mesenchymal stem cells in spheroids improve fertility in model animals with damaged endometrium. <i>Stem Cell Research and Therapy</i> , 2018, 9, 50.	2.4	60
5875	Dental pulp stem cells used to deliver the anticancer drug paclitaxel. <i>Stem Cell Research and Therapy</i> , 2018, 9, 103.	2.4	27
5876	Endoscopic submucosal injection of adipose-derived mesenchymal stem cells ameliorates TNBS-induced colitis in rats and prevents stenosis. <i>Stem Cell Research and Therapy</i> , 2018, 9, 95.	2.4	13

#	ARTICLE	IF	CITATIONS
5877	Allogeneic transplantation of mobilized dental pulp stem cells with the mismatched dog leukocyte antigen type is safe and efficacious for total pulp regeneration. <i>Stem Cell Research and Therapy</i> , 2018, 9, 116.	2.4	42
5878	Isolation of Mesenchymal Stem Cells from Human Alveolar Periosteum and Effects of Vitamin D on Osteogenic Activity of Periosteum-derived Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	10
5879	Visualization and Quantification of Mesenchymal Cell Adipogenic Differentiation Potential with a Lineage Specific Marker. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	16
5880	Mesenchymal Stromal Cells to Regenerate Emphysema: On the Horizon?. <i>Respiration</i> , 2018, 96, 148-158.	1.2	28
5881	Cyclic uniaxial compression of human stem cells seeded on a bone biomimetic nanocomposite decreases anti-osteogenic commitment evoked by shear stress. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 83, 84-93.	1.5	10
5882	Transplantation of placenta-derived multipotent cells in rats with dimethylhydrazine-induced colon cancer decreases survival rate. <i>Oncology Letters</i> , 2018, 15, 5034-5042.	0.8	2
5883	Involvement of neural crest and paraxial mesoderm in oral mucosal development and healing. <i>Biomaterials</i> , 2018, 172, 41-53.	5.7	27
5884	The Nasal Cavity of the Rat and Mouse Source of Mesenchymal Stem Cells for Treatment of Peripheral Nerve Injury. <i>Anatomical Record</i> , 2018, 301, 1678-1689.	0.8	31
5885	Exosomal miR-21a-5p mediates cardioprotection by mesenchymal stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 119, 125-137.	0.9	144
5886	Cell therapy for acute liver injury- in vivo efficacy of mesenchymal stromal cells in toxic and immune-mediated murine hepatitis. <i>Journal of Hepatology</i> , 2018, 68, S454-S455.	1.8	0
5887	Secretomes of mesenchymal stem cells induce early bone regeneration by accelerating migration of stem cells. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2018, 30, 445-451.	0.2	14
5888	Technologies for large-scale umbilical cord-derived MSC expansion: Experimental performance and cost of goods analysis. <i>Biochemical Engineering Journal</i> , 2018, 135, 36-48.	1.8	55
5889	Preventive effect of mesenchymal stem cell culture supernatant on luminal stricture after endoscopic submucosal dissection in the rectum of pigs. <i>Endoscopy</i> , 2018, 50, 1001-1016.	1.0	13
5890	The Prismatic Topography of <i>Pinctada maxima</i> Shell Retains Stem Cell Multipotency and Plasticity In Vitro. <i>Advanced Biology</i> , 2018, 2, 1800012.	3.0	6
5891	Subchondral bone derived mesenchymal stem cells display enhanced osteo-chondrogenic differentiation, self-renewal and proliferation potentials. <i>Experimental Animals</i> , 2018, 67, 349-359.	0.7	4
5892	Current advanced therapy cell-based medicinal products for type-1-diabetes treatment. <i>International Journal of Pharmaceutics</i> , 2018, 543, 107-120.	2.6	17
5893	Effect of Polyhydroxybutyrate/Chitosan/Bioglass nanofiber scaffold on proliferation and differentiation of stem cells from human exfoliated deciduous teeth into odontoblast-like cells. <i>Materials Science and Engineering C</i> , 2018, 89, 128-139.	3.8	35
5894	Fetal Mesenchymal Stromal Cells: an Opportunity for Prenatal Cellular Therapy. <i>Current Stem Cell Reports</i> , 2018, 4, 61-68.	0.7	32

#	ARTICLE	IF	CITATIONS
5895	Evaluation of Stem Cell Therapies in a Bilateral Patellar Tendon Injury Model in Rats. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	1
5896	Applications of inflammation-derived gingival stem cells for testing the biocompatibility of dental restorative biomaterials. <i>Annals of Anatomy</i> , 2018, 218, 28-39.	1.0	18
5897	The genes involved in asthma with the treatment of human embryonic stem cell-derived mesenchymal stem cells. <i>Molecular Immunology</i> , 2018, 95, 47-55.	1.0	15
5898	Preclinical Studies of Stem Cell Therapy for Heart Disease. <i>Circulation Research</i> , 2018, 122, 1006-1020.	2.0	104
5899	Adipose-derived stem cells improve full-thickness skin grafts in a rat model. <i>Research in Veterinary Science</i> , 2018, 118, 336-344.	0.9	16
5900	Neural crest stem cells protect spinal cord neurons from excitotoxic damage and inhibit glial activation by secretion of brain-derived neurotrophic factor. <i>Cell and Tissue Research</i> , 2018, 372, 493-505.	1.5	18
5901	Immunological and Differentiation Properties of Amniotic Cells Are Retained After Immobilization in Pectin Gel. <i>Cell Transplantation</i> , 2018, 27, 70-76.	1.2	9
5902	Sheep as a model for evaluating mesenchymal stem/stromal cell (MSC)-based chondral defect repair. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 730-740.	0.6	34
5903	CD105 maintains the thermogenic program of beige adipocytes by regulating Smad2 signaling. <i>Molecular and Cellular Endocrinology</i> , 2018, 474, 184-193.	1.6	4
5904	A Systematic Review and Meta-analysis of Mesenchymal Stem Cell Injections for the Treatment of Perianal Crohn's Disease: Progress Made and Future Directions. <i>Diseases of the Colon and Rectum</i> , 2018, 61, 629-640.	0.7	79
5905	Two succeeding fibroblastic lineages drive dermal development and the transition from regeneration to scarring. <i>Nature Cell Biology</i> , 2018, 20, 422-431.	4.6	119
5906	Mesenchymal Stem Cells in the Musculoskeletal System: From Animal Models to Human Tissue Regeneration?. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 346-369.	5.6	53
5907	Gene expression analysis of human adipose tissue-derived stem cells during the initial steps of in vitro osteogenesis. <i>Scientific Reports</i> , 2018, 8, 4739.	1.6	18
5908	The regenerative therapies of the ankle degeneration: a focus on multipotential mesenchymal stromal cells. <i>Regenerative Medicine</i> , 2018, 13, 175-188.	0.8	4
5909	Mesenchymal stem cell-derived microvesicles alleviate pulmonary arterial hypertension by regulating renin-angiotensin system. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 470-478.	2.3	27
5910	Variability in the Preparation, Reporting, and Use of Bone Marrow Aspirate Concentrate in Musculoskeletal Disorders. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 517-525.	1.4	62
5911	Isolation and Characterization of Cardiac Mesenchymal Stromal Cells from Endomyocardial Bioptic Samples of Arrhythmogenic Cardiomyopathy Patients. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	24
5912	Manufacturing human mesenchymal stem cells at clinical scale: process and regulatory challenges. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3981-3994.	1.7	149

#	ARTICLE	IF	CITATIONS
5913	Concepts and challenges in the use of mesenchymal stem cells as a treatment for cartilage damage in the horse. <i>Research in Veterinary Science</i> , 2018, 118, 317-323.	0.9	16
5914	The Immunomodulatory Properties of Amniotic Cells. <i>Cell Transplantation</i> , 2018, 27, 31-44.	1.2	85
5915	Collagenase Impacts the Quantity and Quality of Native Mesenchymal Stem/Stromal Cells Derived during Processing of Umbilical Cord Tissue. <i>Cell Transplantation</i> , 2018, 27, 181-193.	1.2	26
5916	Comparison of the Biological Characteristics of Mesenchymal Stem Cells Derived from the Human Placenta and Umbilical Cord. <i>Scientific Reports</i> , 2018, 8, 5014.	1.6	127
5917	Bone marrowâ€“mesenchymal stromal cell infusion in patients with chronic kidney disease: A safety study with 18 months of follow-up. <i>Cytotherapy</i> , 2018, 20, 660-669.	0.3	39
5918	Effect of nutritional supplement on bone marrow-derived mesenchymal stem cells from aplastic anaemia. <i>British Journal of Nutrition</i> , 2018, 119, 748-758.	1.2	5
5919	Tympanic Membrane Derived Stem Cell-Like Cultures for Tissue Regeneration. <i>Stem Cells and Development</i> , 2018, 27, 649-657.	1.1	15
5920	Testing the potency of antiâ€“TNFâ€“ α and antiâ€“ILâ€“1 β drugs using spheroid cultures of human osteoarthritic chondrocytes and donorâ€“matched chondrogenically differentiated mesenchymal stem cells. <i>Biotechnology Progress</i> , 2018, 34, 1045-1058.	1.3	13
5921	Umbilical Cord-Derived Mesenchymal Stromal Cells for Perinatal Brain Injury. , 2018, , 57-67.		0
5922	Osteoarthritis and stem cell therapy in humans: a systematic review. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 711-729.	0.6	117
5923	Inducible indoleamine 2,3-dioxygenase 1 and programmed death ligand 1 expression as the potency marker for mesenchymal stromal cells. <i>Cytotherapy</i> , 2018, 20, 639-649.	0.3	49
5924	Adipose tissue stem cell-derived hepatic progenies as an in vitro model for genotoxicity testing. <i>Archives of Toxicology</i> , 2018, 92, 1893-1903.	1.9	4
5925	Hyaluronic Acid/Chitosan Coacervate-Based Scaffolds. <i>Biomacromolecules</i> , 2018, 19, 1198-1211.	2.6	37
5926	Stem Cells for Skeletal Muscle Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2018, 24, 373-391.	2.5	64
5927	Characterisation of mesenchymal stem cells from patients with amyotrophic lateral sclerosis. <i>Journal of Clinical Pathology</i> , 2018, 71, 735-742.	1.0	2
5928	Functional Outcome of Human Adipose Stem Cell Injections in Rat Anal Sphincter Acute Injury Model. <i>Stem Cells Translational Medicine</i> , 2018, 7, 295-304.	1.6	18
5929	Glyphosate-based herbicide induces toxic effects on human adipose-derived mesenchymal stem cells grown in human plasma. <i>Comparative Clinical Pathology</i> , 2018, 27, 989-1000.	0.3	4
5930	Extracellular matrix dynamics during mesenchymal stem cells differentiation. <i>Developmental Biology</i> , 2018, 437, 63-74.	0.9	77

#	ARTICLE	IF	CITATIONS
5931	Three-dimensional printed polycaprolactone-based scaffolds provide an advantageous environment for osteogenic differentiation of human adipose-derived stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e473-e485.	1.3	46
5932	Impaired Immunosuppressive Effect of Bronchoalveolar Mesenchymal Stem Cells in Hypersensitivity Pneumonitis: Preliminary Findings. <i>Cytometry Part B - Clinical Cytometry</i> , 2018, 94, 363-368.	0.7	3
5933	Clinical translation of a mesenchymal stromal cell-based therapy developed in a large animal model and two case studies of the treatment of atrophic pseudoarthrosis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e532-e540.	1.3	11
5934	Corneal keratocyte transition to mesenchymal stem cell phenotype and reversal using serum-free medium supplemented with fibroblast growth factor-2, transforming growth factor- β 3 and retinoic acid. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e203-e215.	1.3	25
5935	Allogenic human serum, a clinical grade serum supplement for promoting human periodontal ligament stem cell expansion. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 142-152.	1.3	11
5936	The Differentiation of Skin Mesenchymal Stem Cells Towards a Schwann Cell Phenotype: Impact of Sigma-1 Receptor Activation. <i>Molecular Neurobiology</i> , 2018, 55, 2840-2850.	1.9	14
5937	Functional Tissue Engineering: A Prevascularized Cardiac Muscle Construct for Validating Human Mesenchymal Stem Cells Engraftment Potential <i>In Vitro</i>. <i>Tissue Engineering - Part A</i> , 2018, 24, 157-185.	1.6	22
5938	A simple rockerâ€induced mechanical stimulus upregulates mineralization by human osteoprogenitor cells in fibrous scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 370-381.	1.3	21
5939	Cranial reconstruction using allogeneic mesenchymal stromal cells: A phase 1 firstâ€inâ€human trial. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 341-348.	1.3	17
5940	Unbiased and quantitative proteomics reveals highly increased angiogenesis induction by the secretome of mesenchymal stromal cells isolated from fetal rather than adult skin. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e949-e961.	1.3	22
5941	Odontoblastic differentiation of dental pulp stem cells from healthy and carious teeth on an original PCLâ€based 3D scaffold. <i>International Endodontic Journal</i> , 2018, 51, e252-e263.	2.3	27
5942	TLR-induced immunomodulatory cytokine expression by human gingival stem/progenitor cells. <i>Cellular Immunology</i> , 2018, 326, 60-67.	1.4	33
5943	Influence of hypoxia on the stemness of umbilical cord matrixâ€derived mesenchymal stem cells cultured on chitosan films. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 501-511.	1.6	9
5944	Differential mineralization of human dental pulp stem cells on diverse polymers. <i>Biomedizinische Technik</i> , 2018, 63, 261-269.	0.9	8
5945	The Placenta: Applications in Orthopaedic Sports Medicine. <i>American Journal of Sports Medicine</i> , 2018, 46, 234-247.	1.9	46
5946	Materials-Directed Differentiation of Mesenchymal Stem Cells for Tissue Engineering and Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1115-1127.	2.6	105
5947	IFNâ€gamma priming of adiposeâ€derived stromal cells at â€physiologicalâ€hypoxia. <i>Journal of Cellular Physiology</i> , 2018, 233, 1535-1547.	2.0	18
5948	Biological effects of silk fibroin 3D scaffolds on stem cells from human exfoliated deciduous teeth (SHEDs). <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 125-134.	0.9	16

#	ARTICLE	IF	CITATIONS
5949	Reduced cellularity of bone marrow in multiple sclerosis with decreased MSC expansion potential and premature ageing in vitro. <i>Multiple Sclerosis Journal</i> , 2018, 24, 919-931.	1.4	35
5950	Ultrasmall graphene oxide based T1 MRI contrast agent for in vitro and in vivo labeling of human mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2475-2483.	1.7	27
5951	Characterizing differences between MSCs and TM cells: Toward autologous stem cell therapies for the glaucomatous trabecular meshwork. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 695-704.	1.3	20
5952	Role of STRO-1 sorting of porcine dental germ stem cells in dental stem cell-mediated bone tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 607-618.	1.9	18
5953	A systematic review on cell-seeded tissue engineering of penile corpora. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 687-694.	1.3	13
5954	Vascular Stem/Progenitor Cell Migration and Differentiation in Atherosclerosis. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 219-235.	2.5	35
5955	Mesenchymal stem cell therapy for acute and chronic pancreatitis. <i>Journal of Gastroenterology</i> , 2018, 53, 1-5.	2.3	27
5956	Reprogramming mouse embryo fibroblasts to functional islets without genetic manipulation. <i>Journal of Cellular Physiology</i> , 2018, 233, 1627-1637.	2.0	4
5957	Interferon- β mediates the immunosuppression of bone marrow mesenchymal stem cells on T-lymphocytes <i>in vitro</i> . <i>Hematology</i> , 2018, 23, 44-49.	0.7	63
5958	Bone mesenchymal stem cell-conditioned medium decreases the generation of astrocytes during the process of neural stem cells differentiation. <i>Journal of Spinal Cord Medicine</i> , 2018, 41, 10-16.	0.7	7
5959	Regenerative medicine in kidney disease: where we stand and where to go. <i>Pediatric Nephrology</i> , 2018, 33, 1457-1465.	0.9	14
5960	Dental pulp stem cells and the management of neurological diseases: An update. <i>Journal of Neuroscience Research</i> , 2018, 96, 265-272.	1.3	15
5961	Prostaglandin EP2 Receptors Mediate Mesenchymal Stromal Cell-Neuroprotective Effects on Dopaminergic Neurons. <i>Molecular Neurobiology</i> , 2018, 55, 4763-4776.	1.9	18
5962	Immunomodulatory Cell Therapy to Target Cystic Fibrosis Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 12-20.	1.4	16
5963	Mesenchymal stem cells: A new platform for targeting suicide genes in cancer. <i>Journal of Cellular Physiology</i> , 2018, 233, 3831-3845.	2.0	63
5964	Isolation and characterization of canine placenta-derived mesenchymal stromal cells for the treatment of neurological disorders in dogs. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 82-92.	1.1	16
5965	Mesenchymal Stromal Cell Therapy for Solid Organ Transplantation. <i>Transplantation</i> , 2018, 102, 35-43.	0.5	47
5966	The metabolic syndrome alters the miRNA signature of porcine adipose tissue-derived mesenchymal stem cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 93-103.	1.1	43

#	ARTICLE	IF	CITATIONS
5967	Equine mesenchymal stem cells derived from endometrial or adipose tissue share significant biological properties, but have distinctive pattern of surface markers and migration. <i>Theriogenology</i> , 2018, 106, 93-102.	0.9	32
5968	Reserve or Resident Progenitors in Cartilage? Comparative Analysis of Chondrocytes versus Chondroprogenitors and Their Role in Cartilage Repair. <i>Cartilage</i> , 2018, 9, 171-182.	1.4	21
5969	Thymus-Derived Mesenchymal Stem Cells for Tissue Engineering Clinical-Grade Cardiovascular Grafts. <i>Tissue Engineering - Part A</i> , 2018, 24, 794-808.	1.6	17
5970	PARKIN overexpression in human mesenchymal stromal cells from Wharton's jelly suppresses 6-hydroxydopamine-induced apoptosis: Potential therapeutic strategy in Parkinson's disease. <i>Cytotherapy</i> , 2018, 20, 45-61.	0.3	23
5971	Isolation, cultivation, and characterization of human mesenchymal stem cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 19-31.	1.1	374
5972	Impact of Human Adipose Tissue-Derived Stem Cells on Malignant Melanoma Cells in An In Vitro Co-culture Model. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 125-140.	5.6	29
5973	Angiogenic and osteogenic potentials of dental stem cells in bone tissue engineering. <i>Journal of Oral Biology and Craniofacial Research</i> , 2018, 8, 48-53.	0.8	7
5974	Isolation and characterization of human mesenchymal stem cells derived from synovial fluid by magnetic-activated cell sorting (MACS). <i>Cell Biology International</i> , 2018, 42, 262-271.	1.4	29
5975	Epigenetic changes in mesenchymal stem cells differentiation. <i>European Journal of Medical Genetics</i> , 2018, 61, 114-118.	0.7	55
5976	International Forum on GMP-grade human platelet lysate for cell propagation. <i>Vox Sanguinis</i> , 2018, 113, e1-e25.	0.7	11
5977	A Subpopulation of Stromal Cells Controls Cancer Cell Homing to the Bone Marrow. <i>Cancer Research</i> , 2018, 78, 129-142.	0.4	32
5978	Murine Bone Marrow Mesenchymal Stromal Cells Respond Efficiently to Oxidative Stress Despite the Low Level of Heme Oxygenases 1 and 2. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 111-127.	2.5	17
5979	A Novel Methodology for Bio-electrospraying Mesenchymal Stem Cells that Maintains Differentiation, Immunomodulatory and Pro-reparative Functions. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 497-513.	1.0	11
5980	Bone Marrow Aspirate Concentrate and Its Uses in the Foot and Ankle. <i>Clinics in Podiatric Medicine and Surgery</i> , 2018, 35, 19-26.	0.2	11
5981	Effects of over-expression of SOD2 in bone marrow-derived mesenchymal stem cells on traumatic brain injury. <i>Cell and Tissue Research</i> , 2018, 372, 67-75.	1.5	22
5982	<i>In vitro</i> cartilage construct generation from silk fibroin-chitosan porous scaffold and umbilical cord blood derived human mesenchymal stem cells in dynamic culture condition. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 397-407.	2.1	32
5983	Promoting neuroregeneration after perinatal arterial ischemic stroke: neurotrophic factors and mesenchymal stem cells. <i>Pediatric Research</i> , 2018, 83, 372-384.	1.1	61
5984	Strategies to enhance paracrine potency of transplanted mesenchymal stem cells in intractable neonatal disorders. <i>Pediatric Research</i> , 2018, 83, 214-222.	1.1	90

#	ARTICLE	IF	CITATIONS
5985	Mesenchymal stem cells from preterm to term newborns undergo a significant switch from anaerobic glycolysis to the oxidative phosphorylation. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 889-903.	2.4	26
5986	Fibrocartilage Stem Cells Engraft and Self-Organize into Vascularized Bone. <i>Journal of Dental Research</i> , 2018, 97, 329-337.	2.5	21
5987	Composition of the Stroma in the Human Endometrium and Endometriosis. <i>Reproductive Sciences</i> , 2018, 25, 1106-1115.	1.1	15
5988	Optimization of the use of a pharmaceutical grade xeno-free medium for in vitro expansion of human mesenchymal stem/stromal cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1785-e1795.	1.3	13
5989	The promise of mesenchymal stem cell therapy for acute respiratory distress syndrome. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 183-191.	1.1	31
5990	Stem Cell Therapy for Articular Cartilage Repair: Review of the Entity of Cell Populations Used and the Result of the Clinical Application of Each Entity. <i>American Journal of Sports Medicine</i> , 2018, 46, 2540-2552.	1.9	73
5991	Low-level laser irradiation induces in vitro proliferation of stem cells from human exfoliated deciduous teeth. <i>Lasers in Medical Science</i> , 2018, 33, 95-102.	1.0	29
5992	The application of mesenchymal stem cells to treat thermal and radiation burns. <i>Advanced Drug Delivery Reviews</i> , 2018, 123, 75-81.	6.6	44
5993	PDGFs and their receptors in vascular stem/progenitor cells: Functions and therapeutic potential in retinal vasculopathy. <i>Molecular Aspects of Medicine</i> , 2018, 62, 22-32.	2.7	8
5994	Biologic Augmentation of Rotator Cuff Repair: The Role of Platelet-Rich Plasma and Bone Marrow Aspirate Concentrate. <i>Operative Techniques in Sports Medicine</i> , 2018, 26, 48-57.	0.2	5
5995	Human bone marrow mesenchymal stem cells secrete endocannabinoids that stimulate in vitro hematopoietic stem cell migration effectively comparable to beta-adrenergic stimulation. <i>Experimental Hematology</i> , 2018, 57, 30-41.e1.	0.2	24
5996	Adult multipotent stromal cell cryopreservation: Pluses and pitfalls. <i>Veterinary Surgery</i> , 2018, 47, 19-29.	0.5	19
5997	From cord to caudate: characterizing umbilical cord blood stem cells and their paracrine interactions with the injured brain. <i>Pediatric Research</i> , 2018, 83, 205-213.	1.1	8
5998	Mesenchymal stem cells in peripheral blood of severely injured patients. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 627-636.	0.8	12
5999	Interaction of allogeneic adipose tissue-derived stromal cells and unstimulated immune cells in vitro: the impact of cell-to-cell contact and hypoxia in the local milieu. <i>Cytotechnology</i> , 2018, 70, 299-312.	0.7	9
6000	Advanced Therapy Medicinal Products: A Guide for Bone Marrow-derived MSC Application in Bone and Cartilage Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2018, 24, 155-169.	2.5	50
6001	Serum-free human MSC medium supports consistency in human but not in equine adipose-derived multipotent mesenchymal stromal cell culture. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 60-72.	1.1	16
6002	Mesenchymal stem cells in the pathogenesis and treatment of bronchopulmonary dysplasia: a clinical review. <i>Pediatric Research</i> , 2018, 83, 308-317.	1.1	30

#	ARTICLE	IF	CITATIONS
6003	Role of PDGF-BB in proliferation, differentiation and maintaining stem cell properties of PDL cells in vitro. <i>Archives of Oral Biology</i> , 2018, 85, 1-9.	0.8	32
6004	Biocompatibility of two model elastin-like recombinamer-based hydrogels formed through physical or chemical crosslinking for various applications in tissue engineering and regenerative medicine. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1450-e1460.	1.3	32
6005	Cell-based and pharmacological neurorestorative therapies for ischemic stroke. <i>Neuropharmacology</i> , 2018, 134, 310-322.	2.0	83
6006	Horse hair follicles: A novel dermal stem cell source for equine regenerative medicine. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 104-114.	1.1	9
6007	Critical View on Mesenchymal Stromal Cells in Regenerative Medicine. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 169-190.	2.5	31
6008	Mesenchymal stromal cell engagement in cancer cell epithelial to mesenchymal transition. <i>Developmental Dynamics</i> , 2018, 247, 359-367.	0.8	9
6009	Mesenchymal Stromal Cell Therapy. <i>Transplantation</i> , 2018, 102, 7-8.	0.5	3
6010	Cryopreservation of canine cardiosphere-derived cells: Implications for clinical application. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 115-124.	1.1	4
6011	Adhesion, proliferation and osteogenic differentiation of human MSCs cultured under perfusion with a marine oxygen carrier on an allogenic bone substitute. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 95-107.	1.9	18
6012	Immunomodulation of mesenchymal stem cells in discogenic pain. <i>Spine Journal</i> , 2018, 18, 330-342.	0.6	23
6013	Pericytes and their potential in regenerative medicine across species. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 50-59.	1.1	27
6014	Rapid comparative immunophenotyping of human mesenchymal stromal cells by a modified fluorescent cell barcoding flow cytometric assay. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 905-915.	1.1	7
6015	Adipose-derived mesenchymal stromal cells prevented rat vocal fold scarring. <i>Laryngoscope</i> , 2018, 128, E33-E40.	1.1	22
6016	Human Embryonic Stem Cell-Derived Mesenchymal Stromal Cells Decrease the Development of Severe Experimental Autoimmune Uveitis in B10.RIII Mice. <i>Ocular Immunology and Inflammation</i> , 2018, 26, 1228-1236.	1.0	7
6017	Immunomodulatory mechanisms of mesenchymal stem cells and their therapeutic applications. <i>Cellular Immunology</i> , 2018, 326, 68-76.	1.4	45
6018	Role of fibroblast growth factor receptors (FGFR) and FGFR like-1 (FGFRL1) in mesenchymal stromal cell differentiation to osteoblasts and adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2018, 461, 194-204.	1.6	32
6019	Stem cell biology and regenerative medicine for neonatal lung diseases. <i>Pediatric Research</i> , 2018, 83, 291-297.	1.1	25
6020	The Advancement of Biomaterials in Regulating Stem Cell Fate. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 43-57.	5.6	56

#	ARTICLE	IF	CITATIONS
6021	Response of umbilical cord mesenchymal stromal cells to varying titanium topographical signals. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 180-191.	2.1	5
6022	Mammalian MSC from selected species: Features and applications. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 32-49.	1.1	113
6023	Elevated Expression of Dkk-1 by Glucocorticoid Treatment Impairs Bone Regenerative Capacity of Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2018, 27, 85-99.	1.1	19
6024	Does soft really matter? Differentiation of induced pluripotent stem cells into mesenchymal stromal cells is not influenced by soft hydrogels. <i>Biomaterials</i> , 2018, 156, 147-158.	5.7	27
6025	Intramuscular administration potentiates extended dwell time of mesenchymal stromal cells compared to other routes. <i>Cytotherapy</i> , 2018, 20, 232-244.	0.3	74
6026	Pluripotent and Mesenchymal Stem Cells—Challenging Sources for Derivation of Myoblast. , 2018, , 109-154.		2
6027	Molecular and Cellular Mechanisms Involved in Mesenchymal Stem Cell-Based Therapy of Inflammatory Bowel Diseases. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 153-165.	5.6	51
6028	Airway Transplantation of Adipose Stem Cells Protects against Bleomycin-Induced Pulmonary Fibrosis. <i>Journal of Investigative Medicine</i> , 2018, 66, 739-746.	0.7	10
6029	Human predecidual stromal cells have distinctive characteristics of pericytes: Cell contractility, chemotactic activity, and expression of pericyte markers and angiogenic factors. <i>Placenta</i> , 2018, 61, 39-47.	0.7	20
6030	IGFBP3 deposited in the human umbilical cord mesenchymal stem cell—secreted extracellular matrix promotes bone formation. <i>Journal of Cellular Physiology</i> , 2018, 233, 5792-5804.	2.0	23
6031	Role of the microenvironment in myeloid malignancies. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1377-1391.	2.4	32
6032	Pituitary adenomas, stem cells, and cancer stem cells: what's new?. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 745-753.	1.8	17
6033	The Effects of Irrigants on the Survival of Human Stem Cells of the Apical Papilla, Including Endocyn. <i>Journal of Endodontics</i> , 2018, 44, 263-268.	1.4	22
6034	Concise Review: Cell Therapy for Critical Limb Ischemia: An Integrated Review of Preclinical and Clinical Studies. <i>Stem Cells</i> , 2018, 36, 161-171.	1.4	154
6035	Human mesenchymal stromal cell therapy for damaged cochlea repair in nod-scid mice deafened with kanamycin. <i>Cytotherapy</i> , 2018, 20, 189-203.	0.3	12
6036	Systemic recovery and therapeutic effects of transplanted allogenic and xenogenic mesenchymal stromal cells in a rat blunt chest trauma model. <i>Cytotherapy</i> , 2018, 20, 218-231.	0.3	9
6037	Graft-Versus-Host Disease Amelioration by Human Bone Marrow Mesenchymal Stromal/Stem Cell-Derived Extracellular Vesicles Is Associated with Peripheral Preservation of Naive T Cell Populations. <i>Stem Cells</i> , 2018, 36, 434-445.	1.4	162
6038	Concise Review: Adaptation of the Bone Marrow Stroma in Hematopoietic Malignancies: Current Concepts and Models. <i>Stem Cells</i> , 2018, 36, 304-312.	1.4	15

#	ARTICLE	IF	CITATIONS
6039	Intra-articular injection of autologous adipose-derived mesenchymal stem cells in the treatment of knee osteoarthritis. <i>Journal of Gene Medicine</i> , 2018, 20, e3002.	1.4	74
6040	Immuno-biological comparison of hepatic stellate cells in a reverted and activated state. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 52-62.	2.5	3
6041	Isolation and Characterization of Mesenchymal Stem/Stromal Cells Derived from Human Third Trimester Placental Chorionic Villi and Decidua Basalis. <i>Methods in Molecular Biology</i> , 2018, 1710, 247-266.	0.4	13
6042	Clinical Translation of Mesenchymal Stromal Cell Therapies in Nephrology. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 362-375.	3.0	55
6043	De novo lipogenesis and desaturation of fatty acids during adipogenesis in bovine adipose-derived mesenchymal stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018, 54, 23-31.	0.7	17
6044	Immunomodulatory effects of foreskin mesenchymal stromal cells on natural killer cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 5243-5254.	2.0	10
6045	Two novel mechanisms for maintenance of stemness in mesenchymal stem cells: SCRG1/BST1 axis and cell-cell adhesion through N-cadherin. <i>Japanese Dental Science Review</i> , 2018, 54, 37-44.	2.0	24
6046	Nucleoskeletal stiffness regulates stem cell migration and differentiation through lamin A/C. <i>Journal of Cellular Physiology</i> , 2018, 233, 5112-5118.	2.0	16
6047	Gene Therapy for Bone Repair Using Human Cells: Superior Osteogenic Potential of <i>Bone Morphogenetic Protein 2</i> -Transduced Mesenchymal Stem Cells Derived from Adipose Tissue Compared to Bone Marrow. <i>Human Gene Therapy</i> , 2018, 29, 507-519.	1.4	31
6048	Intra-articular Mesenchymal Stem Cell Therapy for the Human Joint: A Systematic Review. <i>American Journal of Sports Medicine</i> , 2018, 46, 3550-3563.	1.9	111
6049	The effect of clinically relevant doses of immunosuppressive drugs on human mesenchymal stem cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 402-411.	2.5	20
6050	Cytherapy using stromal cells: Current and advance multi-treatment approaches. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 38-44.	2.5	20
6051	Hyaluronan size alters chondrogenesis of adipose-derived stem cells via the CD44/ERK/SOX-9 pathway. <i>Acta Biomaterialia</i> , 2018, 66, 224-237.	4.1	47
6052	Self-assembling peptide hydrogel enables instant epicardial coating of the heart with mesenchymal stromal cells for the treatment of heart failure. <i>Biomaterials</i> , 2018, 154, 12-23.	5.7	53
6053	Dental properties, ultrastructure, and pulp cells associated with a novel <i>DSPP</i> mutation. <i>Oral Diseases</i> , 2018, 24, 619-627.	1.5	21
6054	Differentiation potential of human adipose stem cells bioprinted with hyaluronic acid/gelatin-based bioink through microextrusion and visible light-initiated crosslinking. <i>Biopolymers</i> , 2018, 109, e23080.	1.2	73
6055	Mesenchymal stem cells from human adipose tissue and bone repair: a literature review. <i>Biotechnology Research and Innovation</i> , 2018, 2, 74-80.	0.3	38
6056	TGF- β 1 and CXCL12 modulate proliferation and chemotherapy sensitivity of acute myeloid leukemia cells co-cultured with multipotent mesenchymal stromal cells. <i>Hematology</i> , 2018, 23, 337-345.	0.7	26

#	ARTICLE	IF	CITATIONS
6057	Metabolic Signature of Microvesicles from Umbilical Cord Mesenchymal Stem Cells of Preterm and Term Infants. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700082.	0.8	26
6058	Qualitative and quantitative demonstration of bead-to-bead transfer with bone marrow-derived human mesenchymal stem cells on microcarriers: Utilising the phenomenon to improve culture performance. <i>Biochemical Engineering Journal</i> , 2018, 135, 11-21.	1.8	41
6059	Repair of maxillary cystic bone defects with mesenchymal stem cells seeded on a cross-linked serum scaffold. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 222-229.	0.7	35
6060	Obestatin can potentially differentiate Wharton's jelly mesenchymal stem cells into insulin-producing cells. <i>Cell and Tissue Research</i> , 2018, 372, 91-98.	1.5	9
6061	A case of a primary hepatic so-called adenocarcinoma with heterotopic ossification: possibly of biliary adenofibroma origin. <i>Human Pathology</i> , 2018, 73, 108-113.	1.1	5
6062	Effect of gestational age on migration ability of the human umbilical cord vein mesenchymal stem cells. <i>Advances in Medical Sciences</i> , 2018, 63, 119-126.	0.9	3
6063	Mesenchymal Stromal Cell Therapy of Stroke. <i>Springer Series in Translational Stroke Research</i> , 2018, , 217-237.	0.1	3
6064	Comparative characterization of CD271 ⁺ and CD271 ^{hi} subpopulations of CD34 ⁺ human adipose-derived stromal cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3873-3884.	1.2	21
6065	Human adipose-derived stem cells (ADSC) and human periodontal ligament stem cells (PDLSC) as cellular substrates of a toxicity prediction assay. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 75-82.	1.3	12
6066	Bone Marrow Aspirate Concentrate for Cartilage Defects of the Knee: From Bench to Bedside Evidence. <i>Cartilage</i> , 2018, 9, 161-170.	1.4	85
6067	Effect of Tumor Necrosis Factor Alpha Dose and Exposure Time on Tumor Necrosis Factor-Induced Gene-6 Activation by Neonatal and Adult Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2018, 27, 44-54.	1.1	13
6068	Bone Marrow-Derived Mesenchymal Stromal Cells Enhanced by Platelet-Rich Plasma Maintain Adhesion to Scaffolds in Arthroscopic Simulation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 872-881.	1.3	18
6069	Avaliação de diferentes Ácidos hialurônicos comerciais como veículo de injeção para células mesenquimais humanas derivadas do tecido adiposo. <i>Revista Brasileira De Ortopedia</i> , 2018, 53, 557-563.	0.2	3
6070	Circulating Progenitor Cell Response to Exercise in Wheelchair Racing Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 88-97.	0.2	6
6071	Airway Delivery of Bone Marrow-Derived Mesenchymal Stem Cells Reverses Bronchopulmonary Dysplasia Superimposed with Acute Respiratory Distress Syndrome in an Infant. <i>Cell Medicine</i> , 2018, 10, 215517901875943.	5.0	10
6072	Multipotent Potential of Human Adult Mesenchymal Stem Cells. <i>Biochemistry & Molecular Biology Journal</i> , 2018, 04, .	0.3	4
6073	The Role of TNF- α induced MSCs on Suppressive Inflammation by Increasing TGF- β 2 and IL-10. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2018, 6, 1779-1783.	0.1	81
6074	Molecular Mechanisms Responsible for Anti-inflammatory and Immunosuppressive Effects of Mesenchymal Stem Cell-Derived Factors. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1084, 187-206.	0.8	75

#	ARTICLE	IF	CITATIONS
6075	Understanding stem cell heterogeneity â€“ a prerequisite for successful (dental) regeneration. Rad Hrvatske Akademije Znanosti I Umjetnosti Medicinske Znanosti, 2018, 533, 51-60.	0.1	0
6076	Adult Pulmonary Mesenchymal Progenitors. , 2018, , 337-337.		0
6077	Letter to the Editor: Stem Cells Combined With Platelet-rich Plasma Effectively Treat Corticosteroid-induced Osteonecrosis of the Hip: A Prospective Study. Clinical Orthopaedics and Related Research, 2018, 476, 1126-1128.	0.7	3
6078	Bone marrow-derived stem cells contribute to regeneration of the endometrium. Clinical and Experimental Reproductive Medicine, 2018, 45, 149-153.	0.5	15
6079	Mesenchymal Stem Cells from Cervix and Age: New Insights into CIN Regression Rate. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	1.9	11
6080	Equine bone marrow-derived mesenchymal stem cells: optimization of cell density in primary culture. Stem Cell Investigation, 2018, 5, 31-31.	1.3	10
6081	Stem Cells from Human Extracted Deciduous Teeth Expanded in Foetal Bovine and Human Sera Express Different Paracrine Factors After Exposure to Freshly Prepared Human Serum. Advances in Experimental Medicine and Biology, 2018, 1084, 175-186.	0.8	5
6082	Stem Cells: Classification, Characterization, and Sources. , 2018, , 7-7.		0
6083	Contraction Dynamics of Rod Microtissues of Gingiva-Derived and Periodontal Ligament-Derived Cells. Frontiers in Physiology, 2018, 9, 1683.	1.3	10
6084	Methods and Strategies for Procurement, Isolation, Characterization, and Assessment of Senescence of Human Mesenchymal Stem Cells from Adipose Tissue. Methods in Molecular Biology, 2018, 2045, 37-92.	0.4	13
6085	Improving characterisation of human Multipotent Stromal Cells cultured in 2D and 3D: Design and evaluation of primer sets for accurate gene expression normalisation. PLoS ONE, 2018, 13, e0209772.	1.1	7
6086	Intervertebral Disc-Derived Stem/Progenitor Cells as a Promising Cell Source for Intervertebral Disc Regeneration. Stem Cells International, 2018, 2018, 1-11.	1.2	42
6087	Does osteogenic potential of clonal human bone marrow mesenchymal stem/stromal cells correlate with their vascular supportive ability?. Stem Cell Research and Therapy, 2018, 9, 351.	2.4	6
6088	In vitro differentiation of human multilineage differentiating stress-enduring (Muse) cells into insulin producing cells. Journal of Genetic Engineering and Biotechnology, 2018, 16, 433-440.	1.5	6
6089	MiRNA influences in mesenchymal stem cell commitment to neuroblast lineage development. Non-coding RNA Research, 2018, 3, 232-242.	2.4	8
6090	Motor Recovery after Transplantation of Bone Marrow Mesenchymal Stem Cells in Rat Models of Spinal Cord Injury. Annals of Neurosciences, 2018, 25, 126-140.	0.9	26
6092	Cell Therapy and Tissue Engineering for Cartilage Repair. , 2018, , .		2
6093	Synovia-Derived Mesenchymal Stem Cell Application in Musculoskeletal Injuries: A Review. , 0, , .		2

#	ARTICLE	IF	CITATIONS
6094	Mesenchymal Stromal Cells: Role in the BM Niche and in the Support of Hematopoietic Stem Cell Transplantation. <i>HemaSphere</i> , 2018, 2, e151.	1.2	53
6095	Stem cell-based interventions for the prevention of morbidity and mortality following hypoxic-ischaemic encephalopathy in newborn infants. <i>The Cochrane Library</i> , 2018, , .	1.5	3
6096	Syndecan-2â€œpositive, Bone Marrowâ€œderived Human Mesenchymal Stromal Cells Attenuate Bacterial-induced Acute Lung Injury and Enhance Resolution of Ventilator-induced Lung Injury in Rats. <i>Anesthesiology</i> , 2018, 129, 502-516.	1.3	45
6097	AvaliaÃ§Ã£o sensitiva, motora e cistomÃ©trica de cÃ£es com lesÃ£o medular crÃ¢nica, submetidos ao transplante de cÃ©lulas-tronco mesenquimais derivadas de tecido adiposo. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 1955-1965.	0.5	1
6098	Comparative study of mesenchymal stem cells from rat bone marrow and adipose tissue. <i>Turkish Journal of Biology</i> , 2018, 42, 477-489.	2.1	19
6099	Sources and Clinical Applications of Mesenchymal Stem Cells: State-of-the-art review. <i>Sultan Qaboos University Medical Journal</i> , 2018, 18, 264.	0.3	270
6100	Umbilical Cord Tissue Derived Mesenchymal Stem Cells Can Differentiate into Skin Cells. <i>Open Life Sciences</i> , 2018, 13, 544-552.	0.6	3
6101	The expression of cytochrome P450J2 gene and 14, 15 epoxyeicosatrienoic acid level influence the amount of insulin secreted from human mesenchymal stem cell-derived insulin-producing cells. <i>Bulletin of the National Research Centre</i> , 2018, 42, .	0.7	1
6102	Expression patterns of mesenchymal stem cell-specific proteins in adipose tissue-derived cells: possible immunosuppressing agent in partial allograft for restoring the urinary bladder in rabbits. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 2183-2189.	0.5	3
6103	Gene amplification in mesenchymal stem cells and during differentiation towards adipocytes or osteoblasts. <i>Oncotarget</i> , 2018, 9, 1803-1812.	0.8	7
6104	Protection of mouse pancreatic islet function by coâ€œculture with hypoxia preâ€œtreated mesenchymal stromal cells. <i>Molecular Medicine Reports</i> , 2018, 18, 2589-2598.	1.1	12
6105	Radiation-induced skin reactions: mechanism and treatment. <i>Cancer Management and Research</i> , 2019, Volume 11, 167-177.	0.9	101
6106	The Therapeutic Potential of Stem Cells for Bronchopulmonary Dysplasia: â€œItâ€™s About Timeâ€œor â€œNot so Fastâ€œ?. <i>Current Pediatric Reviews</i> , 2018, 14, 227-238.	0.4	16
6107	Traumatic Penumbra: Opportunities for Neuroprotective and Neurorestorative Processes. , 0, , .		3
6108	CD73, CD90, CD105 and Cadherin-11 RT-PCR Screening for Mesenchymal Stem Cells from Cryopreserved Human Cord Tissue. <i>International Journal of Stem Cells</i> , 2018, 11, 26-38.	0.8	27
6109	Clinical-grade mesenchymal stem cells derived from umbilical cord improve septic shock in pigs. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 24.	0.9	25
6110	B7â€œH1â€œmediated immunosuppressive properties in human mesenchymal stem cells are mediated by STATâ€œ1 and not PI3K/Akt signaling. <i>Molecular Medicine Reports</i> , 2018, 18, 1842-1848.	1.1	5
6111	Mesenchymal stromal cell therapy in intestinal diseases. <i>Current Opinion in Organ Transplantation</i> , 2018, 23, 679-689.	0.8	5

#	ARTICLE	IF	CITATIONS
6112	Autologous Mesenchymal Stromal Cells Prevent Transfusion-elicited Sensitization and Upregulate Transitional and Regulatory B Cells. <i>Transplantation Direct</i> , 2018, 4, e387.	0.8	3
6113	Conditioned Medium from Human Amnion-Derived Mesenchymal Stem Cells Regulates Activation of Primary Hepatic Stellate Cells. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	30
6114	<i>In Vitro</i> Expansion and Characterization of Mesenchymal Stromal Cells from Peritoneal Dialysis Effluent in a Human Protein Medium. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	10
6115	Mesenchymal Stem Cell Therapy for Ischemic Tissues. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	63
6116	Human tissue-specific MSCs demonstrate differential mitochondria transfer abilities that may determine their regenerative abilities. <i>Stem Cell Research and Therapy</i> , 2018, 9, 298.	2.4	58
6117	Off-the-Shelf Mesenchymal Stem Cell Technology. <i>Stem Cells in Clinical Applications</i> , 2018, , 119-141.	0.4	3
6118	Adipose-derived mesenchymal stem cells accelerate diabetic wound healing in a similar fashion as bone marrow-derived cells. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C885-C896.	2.1	60
6119	Human Synovial Mesenchymal Stem Cells Good Manufacturing Practices for Articular Cartilage Regeneration. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 709-716.	1.1	35
6120	Metformin induces apoptosis in mesenchymal stromal cells and dampens their therapeutic efficacy in infarcted myocardium. <i>Stem Cell Research and Therapy</i> , 2018, 9, 306.	2.4	18
6121	Microvascular Networks From Endothelial Cells and Mesenchymal Stromal Cells From Adipose Tissue and Bone Marrow: A Comparison. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 156.	2.0	40
6122	Stem cells derived from burned skin - The future of burn care. <i>EBioMedicine</i> , 2018, 37, 509-520.	2.7	43
6123	Therapeutic potential of products derived from mesenchymal stem/stromal cells in pulmonary disease. <i>Respiratory Research</i> , 2018, 19, 218.	1.4	80
6124	Effect of Compression Loading on Human Nucleus Pulposus-Derived Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	23
6125	Fabrication, Characterization, and Cytotoxicity of Thermoplastic Polyurethane/Poly(lactic acid) Material Using Human Adipose Derived Mesenchymal Stromal Stem Cells (hASCs). <i>Polymers</i> , 2018, 10, 1073.	2.0	16
6126	Mini Review: Application of Human Mesenchymal Stem Cells in Gene and Stem Cells Therapy Era. <i>Current Stem Cell Reports</i> , 2018, 4, 327-337.	0.7	2
6127	The Mechanobiology of the Actin Cytoskeleton in Stem Cells during Differentiation and Interaction with Biomaterials. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	40
6128	Generation of Mesenchymal Stem Cells from Human Embryonic Stem Cells in a Complete Serum-free Condition. <i>International Journal of Biological Sciences</i> , 2018, 14, 1901-1909.	2.6	25
6129	Progenitor cells in auricular cartilage demonstrate cartilage-forming capacity in 3D hydrogel culture. , 2018, 35, 132-150.		31

#	ARTICLE	IF	CITATIONS
6130	Three-dimensional in vitro modeling of malignant bone disease recapitulates experimentally accessible mechanisms of osteoinhibition. <i>Cell Death and Disease</i> , 2018, 9, 1161.	2.7	10
6131	Mesenchymal Stem Cells as Vectors for Cancer Therapy. <i>Stem Cells in Clinical Applications</i> , 2018, , 13-27.	0.4	1
6132	Perinatal Tissue-Derived Stem Cells: Sources and Applications. , 2018, , 35-35.		0
6133	Characterization, recellularization, and transplantation of rat decellularized testis scaffold with bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 324.	2.4	25
6134	Inside the Bone: Tissue Engineering and Regenerative Medicine Applications in Orthopedics. <i>Fundamental Biomedical Technologies</i> , 2018, , 111-122.	0.2	0
6135	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Attenuate Dendritic Cell Maturation and Function. <i>Frontiers in Immunology</i> , 2018, 9, 2538.	2.2	179
6136	Inhibiting transforming growth factor α 2 signaling regulates in vitro maintenance and differentiation of bovine bone marrow mesenchymal stem cells. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 406-416.	0.6	9
6137	Role of Stem Cells in the Pathogenesis of Chronic Obstructive Pulmonary Disease and Pulmonary Emphysema. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018, 15, 536-556.	0.7	12
6138	The role of extracellular vesicles in biomineralisation: current perspective and application in regenerative medicine. <i>Journal of Tissue Engineering</i> , 2018, 9, 204173141881013.	2.3	40
6139	Evaluation of HLA-G Expression in Multipotent Mesenchymal Stromal Cells Derived from Vitrified Wharton α TM's Jelly Tissue. <i>Bioengineering</i> , 2018, 5, 95.	1.6	13
6140	Photoresponsive Hydrogels with Photoswitchable Stiffness: Emerging Platforms to Study Temporal Aspects of Mesenchymal Stem Cell Responses to Extracellular Stiffness Regulation. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1144, 53-69.	0.8	6
6141	The effect of human placental chorionic villi derived mesenchymal stem cell on triple-negative breast cancer hallmarks. <i>PLoS ONE</i> , 2018, 13, e0207593.	1.1	12
6142	Bone marrow-derived mesenchymal stromal cell: what next?. <i>Stem Cells and Cloning: Advances and Applications</i> , 2018, Volume 11, 77-83.	2.3	6
6143	Comparison of Oxidative Stress Effects on Senescence Patterning of Human Adult and Perinatal Tissue-Derived Stem Cells in Short and Long-term Cultures. <i>International Journal of Medical Sciences</i> , 2018, 15, 1486-1501.	1.1	28
6144	Bone Marrow α Harvesting Technique Influences Functional Heterogeneity of Mesenchymal Stem/Stromal Cells and Cartilage Regeneration. <i>American Journal of Sports Medicine</i> , 2018, 46, 3521-3531.	1.9	35
6145	Improved islet recovery and efficacy through co-culture and co-transplantation of islets with human adipose-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2018, 13, e0206449.	1.1	49
6146	Induction of Expandable Adipose-Derived Mesenchymal Stem Cells from Aged Mesenchymal Stem Cells by a Synthetic Self-Replicating RNA. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3489.	1.8	5
6147	DMSO-Free Cryopreservation of Human Umbilical Cord Tissue. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 166, 155-162.	0.3	6

#	ARTICLE	IF	CITATIONS
6148	In vitro MSC function is related to clinical reaction in vivo. <i>Stem Cell Research and Therapy</i> , 2018, 9, 295.	2.4	12
6149	A Novel Arthroscopic Technique for Intraoperative Mobilization of Synovial Mesenchymal Stem Cells. <i>American Journal of Sports Medicine</i> , 2018, 46, 3532-3540.	1.9	23
6150	Human Wharton's jelly mesenchymal stem cells protect axotomized rat retinal ganglion cells via secretion of anti-inflammatory and neurotrophic factors. <i>Scientific Reports</i> , 2018, 8, 16299.	1.6	50
6151	Effect of total sonicated <i>Aggregatibacter actinomycetemcomitans</i> fragments on gingival stem/progenitor cells. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2018, 23, 0-0.	0.7	8
6152	Bone mesenchymal stromal cells exhibit functional inhibition but no chromosomal aberrations in chronic myelogenous leukemia. <i>Oncology Letters</i> , 2018, 17, 999-1007.	0.8	1
6153	Efficacy and mechanisms underlying the effects of allogeneic umbilical cord mesenchymal stem cell transplantation on acute radiation injury in tree shrews. <i>Cytotechnology</i> , 2018, 70, 1447-1468.	0.7	13
6154	Progress on the Clinical Applications of Stem Cells for Premature Ovarian Failure. <i>Nano LIFE</i> , 2018, 08, 1841003.	0.6	0
6155	Platelet-rich plasma enhances adipose-derived stem cell-mediated angiogenesis in a mouse ischemic hindlimb model. <i>World Journal of Stem Cells</i> , 2018, 10, 212-227.	1.3	18
6156	Mesenchymal Stem Cells in Systemic Sclerosis: Allogenic or Autologous Approaches for Therapeutic Use?. <i>Frontiers in Immunology</i> , 2018, 9, 2938.	2.2	48
6157	Multipotent mesenchymal stromal cells play critical roles in hepatocellular carcinoma initiation, progression and therapy. <i>Molecular Cancer</i> , 2018, 17, 178.	7.9	49
6158	The role of stem cells in treating coronary artery disease in 2018. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 34, 340-348.	0.2	0
6159	Novel Blowspun Nanobioactive Glass Doped Polycaprolactone/Silk Fibroin Composite Nanofibrous Scaffold with Enhanced Osteogenic Property for Bone Tissue Engineering. <i>Fibers and Polymers</i> , 2018, 19, 2465-2477.	1.1	7
6161	The Role of Stem Cells in Dupuytren's Disease. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1777.	0.3	8
6162	Biologic canine and human intervertebral disc repair by notochordal cell-derived matrix: from bench towards bedside. <i>Oncotarget</i> , 2018, 9, 26507-26526.	0.8	36
6163	A case report on filamin A gene mutation and progressive pulmonary disease in an infant. <i>Medicine (United States)</i> , 2018, 97, e13033.	0.4	12
6164	Continuous zebularine treatment enhances hepatic differentiation of mesenchymal stem cells under liver-specific factors induction in vitro. <i>Life Sciences</i> , 2018, 215, 57-63.	2.0	2
6165	Comparison of the Proliferation and Differentiation Potential of Human Urine-, Placenta Decidua Basalis-, and Bone Marrow-Derived Stem Cells. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	41
6166	Therapeutic Potential of Autologous Adipose-Derived Stem Cells for the Treatment of Liver Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4064.	1.8	24

#	ARTICLE	IF	CITATIONS
6167	Chondrogenic differentiation of adipose-derived mesenchymal stem cells induced by L-ascorbic acid and platelet rich plasma on silk fibroin scaffold. <i>PeerJ</i> , 2018, 6, e5809.	0.9	38
6168	Biologics in orthopaedics. <i>Bone and Joint</i> 360, 2018, 7, 2-8.	0.1	5
6169	Comparative evaluation of mesenchymal stromal cells from umbilical cord and amniotic membrane in xeno-free conditions. <i>BMC Cell Biology</i> , 2018, 19, 27.	3.0	11
6170	Osteogenic Induction of Wharton's Jelly-Derived Mesenchymal Stem Cell for Bone Regeneration: A Systematic Review. <i>Stem Cells International</i> , 2018, 2018, 1-17.	1.2	27
6171	Platelets enhance the ability of bone-marrow mesenchymal stem cells to promote cancer metastasis. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8251-8263.	1.0	22
6172	Bone Marrow-Derived Cellular Therapies in Orthopaedics. <i>JBJS Reviews</i> , 2018, 6, e5-e5.	0.8	12
6173	Human umbilical cord-derived mesenchymal stem cells ameliorate the enteropathy of food allergies in mice. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 4445-4456.	0.8	4
6174	Therapeutic Cardiac Patches for Repairing the Myocardium. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1144, 1-24.	0.8	19
6175	Microenvironment in neuroblastoma: isolation and characterization of tumor-derived mesenchymal stromal cells. <i>BMC Cancer</i> , 2018, 18, 1176.	1.1	51
6176	Lipopolysaccharide-Preconditioned Periodontal Ligament Stem Cells Induce M1 Polarization of Macrophages through Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3843.	1.8	45
6177	RG108 increases NANOG and OCT4 in bone marrow-derived mesenchymal cells through global changes in DNA modifications and epigenetic activation. <i>PLoS ONE</i> , 2018, 13, e0207873.	1.1	15
6178	Molecular Programming of Perivascular Stem Cell Precursors. <i>Stem Cells</i> , 2018, 36, 1890-1904.	1.4	25
6179	Mesenchymal stem cells in preclinical cancer cytotherapy: a systematic review. <i>Stem Cell Research and Therapy</i> , 2018, 9, 336.	2.4	86
6180	Advancing manufacture of human mesenchymal stem cells therapies: technological challenges in cell bioprocessing and characterization. <i>Current Opinion in Chemical Engineering</i> , 2018, 22, 226-235.	3.8	9
6181	In vitro and in vivo potentialities for cartilage repair from human advanced knee osteoarthritis synovial fluid-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 329.	2.4	62
6182	Suppression of AKT-mTOR signal pathway enhances osteogenic/dentinogenic capacity of stem cells from apical papilla. <i>Stem Cell Research and Therapy</i> , 2018, 9, 334.	2.4	37
6183	Bone morphogenetic protein 7 enhances the osteogenic differentiation of human dermal-derived CD105+ fibroblast cells through the Smad and MAPK pathways. <i>International Journal of Molecular Medicine</i> , 2019, 43, 37-46.	1.8	18
6184	Surface Antigen-Based Identification of In Vitro Expanded Skeletal Muscle-Derived Mesenchymal Stromal/Stem Cells Using Flow Cytometry. <i>Methods in Molecular Biology</i> , 2018, 2045, 225-233.	0.4	2

#	ARTICLE	IF	CITATIONS
6185	Human Synovium-Derived Mesenchymal Stem Cells: Ex Vivo Analysis. <i>Methods in Molecular Biology</i> , 2018, 2045, 145-154.	0.4	2
6186	Stem cells therapy: a review on approaches that can be used for treatment of respiratory failures in sulfur mustard-injured patients. <i>Immunopharmacology and Immunotoxicology</i> , 2018, 40, 359-367.	1.1	5
6187	Metformin Promotes Osteogenic Differentiation of Adipose-Derived Stromal Cells and Exerts Pro-Osteogenic Effect Stimulating Bone Regeneration. <i>Journal of Clinical Medicine</i> , 2018, 7, 482.	1.0	38
6188	Complete Assessment of Multilineage Differentiation Potential of Human Skeletal Muscle-Derived Mesenchymal Stem/Stromal Cells. <i>Methods in Molecular Biology</i> , 2018, 2045, 131-144.	0.4	8
6189	Precocious subcutaneous abdominal stem cell development to adipocytes in normal-weight women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2018, 110, 1367-1376.	0.5	28
6190	Human adipose-derived mesenchymal stem cells promote breast cancer MCF7 cell epithelial-mesenchymal transition by cross interacting with the TGF β 2/Smad and PI3K/AKT signaling pathways. <i>Molecular Medicine Reports</i> , 2019, 19, 177-186.	1.1	30
6191	Bone Marrow-Derived Cellular Therapies in Orthopaedics. <i>JBJS Reviews</i> , 2018, 6, e4-e4.	0.8	17
6192	Preparaç~o de membranas de PHB por eletrofiaç~o e caracterizaç~o para aplicaç~es em engenharia tecidual. <i>Revista Materia</i> , 2018, 23, .	0.1	1
6193	Pericytes in Veterinary Species: Prospective Isolation, Characterization and Tissue Regeneration Potential. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1109, 67-77.	0.8	3
6194	Isolation and characterization of mesenchymal stem/stromal cells from <i>Ctenomys minutus</i> . <i>Genetics and Molecular Biology</i> , 2018, 41, 870-877.	0.6	6
6195	Selection of Suitable Reference Genes for Quantitative Real-Time PCR Normalization in Human Stem Cell Research. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1119, 151-168.	0.8	2
6196	BMSCs pre-treatment ameliorates inflammation-related tissue destruction in LPS-induced rat DIC model. <i>Cell Death and Disease</i> , 2018, 9, 1024.	2.7	9
6197	Nanotherapies for micropreemies: Stem cells and the secretome in bronchopulmonary dysplasia. <i>Seminars in Perinatology</i> , 2018, 42, 453-458.	1.1	24
6198	Use of Stem Cells in Wound Healing. <i>Current Dermatology Reports</i> , 2018, 7, 278-286.	1.1	5
6199	Role of bone marrow derived mesenchymal stromal cells and Schwann-like cells transplantation on spinal cord injury in adult male albino rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1365-1375.	2.5	12
6200	Cell Identity, Proliferation, and Cytogenetic Assessment of Equine Umbilical Cord Blood Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2018, 27, 1729-1738.	1.1	5
6201	Osteogenic Potential of Human Umbilical Cord Mesenchymal Stem Cells on Coralline Hydroxyapatite/Calcium Carbonate Microparticles. <i>Stem Cells International</i> , 2018, 2018, 1-9.	1.2	13
6202	Characterization of Human Mesenchymal Stem Cells Isolated from the Testis. <i>Stem Cells International</i> , 2018, 2018, 1-9.	1.2	14

#	ARTICLE	IF	CITATIONS
6203	Transplanting Mesenchymal Stem Cells for Treatment of Ischemic Stroke. <i>Cell Transplantation</i> , 2018, 27, 1825-1834.	1.2	71
6204	Higher Pericyte Content and Secretory Activity of Microfragmented Human Adipose Tissue Compared to Enzymatically Derived Stromal Vascular Fraction. <i>Stem Cells Translational Medicine</i> , 2018, 7, 876-886.	1.6	92
6205	Safety and Efficacy of Adult Stem Cell Therapy for Acute Myocardial Infarction and Ischemic Heart Failure (SafeCell Heart): A Systematic Review and Meta-Analysis. <i>Stem Cells Translational Medicine</i> , 2018, 7, 857-866.	1.6	99
6206	Biomimetic matrices for rapidly forming mineralized bone tissue based on stem cell-mediated osteogenesis. <i>Scientific Reports</i> , 2018, 8, 14388.	1.6	46
6207	Exosomes Isolated From Human Umbilical Cord Mesenchymal Stem Cells Alleviate Neuroinflammation and Reduce Amyloid-Beta Deposition by Modulating Microglial Activation in Alzheimer's Disease. <i>Neurochemical Research</i> , 2018, 43, 2165-2177.	1.6	170
6208	Senescence of bone marrow-derived mesenchymal stem cells from patients with idiopathic pulmonary fibrosis. <i>Stem Cell Research and Therapy</i> , 2018, 9, 257.	2.4	70
6209	In vitro response of dental pulp stem cells in 3D scaffolds: A regenerative bone material. <i>Heliyon</i> , 2018, 4, e00775.	1.4	19
6210	Characterization of Senescence of Human Adipose-Derived Stem Cells After Long-Term Expansion. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1084, 109-128.	0.8	44
6211	Role of Extracellular Matrix in Cardiac Cellular Therapies. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1098, 173-188.	0.8	5
6212	Dantrolene e cálcio-lulas-tronco mesenquimais promovem melhora funcional em ratos Wistar com trauma espinhal agudo. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 703-709.	0.5	1
6213	Stromal cells in health and disease. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 871-875.	1.1	16
6214	Long non-coding RNA HULC affects the proliferation, apoptosis, migration, and invasion of mesenchymal stem cells. <i>Experimental Biology and Medicine</i> , 2018, 243, 1074-1082.	1.1	15
6215	IFN- β and IL-33 modulate mesenchymal stem cells function targeting Th1/Th17 axis in a murine skin transplantation model. <i>Cytokine</i> , 2018, 111, 317-324.	1.4	4
6216	The effect of acute respiratory distress syndrome on bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 251.	2.4	16
6217	Amniotic Fluid Stem Cells for the Treatment of Surgical Disorders in the Fetus and Neonate. <i>Stem Cells Translational Medicine</i> , 2018, 7, 767-773.	1.6	21
6218	Cell-specific proteome analyses of human bone marrow reveal molecular features of age-dependent functional decline. <i>Nature Communications</i> , 2018, 9, 4004.	5.8	71
6219	Bioprocessing of Mesenchymal Stem Cells and Their Derivatives: Toward Cell-Free Therapeutics. <i>Stem Cells International</i> , 2018, 2018, 1-23.	1.2	119
6220	Transplanted Human Pluripotent Stem Cell-Derived Mesenchymal Stem Cells Support Liver Regeneration in Gunn Rats. <i>Stem Cells and Development</i> , 2018, 27, 1702-1714.	1.1	21

#	ARTICLE	IF	CITATIONS
6221	Evaluation of immunophenotyping, proliferation and osteogenic differentiation potential of SSEA-4 positive stem cells derived from pulp of deciduous teeth. <i>Archives of Oral Biology</i> , 2018, 96, 201-207.	0.8	1
6222	Blocking CD248 molecules in perivascular stromal cells of patients with systemic sclerosis strongly inhibits their differentiation toward myofibroblasts and proliferation: a new potential target for antifibrotic therapy. <i>Arthritis Research and Therapy</i> , 2018, 20, 223.	1.6	29
6223	Immunomodulatory effects of rhesus monkey bone marrow-derived mesenchymal stem cells in serum-free conditions. <i>International Immunopharmacology</i> , 2018, 64, 364-371.	1.7	2
6224	Evaluation of different commercial hyaluronic acids as a vehicle for injection of human adipose-derived mesenchymal stem cells. <i>Revista Brasileira De Ortopedia</i> , 2018, 53, 557-563.	0.6	4
6225	Highly cited papers in Microbiology: identification and conceptual analysis. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	16
6226	How stem cell composition in bone marrow aspirate relates to clinical outcomes when used for cervical spine fusion. <i>PLoS ONE</i> , 2018, 13, e0203714.	1.1	16
6228	Influence of preadipocyte-conditioned medium on the proliferation and invasive potential of breast cancer cell lines in vitro. <i>Archives of Gynecology and Obstetrics</i> , 2018, 298, 1159-1171.	0.8	3
6229	Chondrogenic differentiation of synovial fluid mesenchymal stem cells on human meniscus-derived decellularized matrix requires exogenous growth factors. <i>Acta Biomaterialia</i> , 2018, 80, 131-143.	4.1	47
6230	Clear up this stem-cell mess. <i>Nature</i> , 2018, 561, 455-457.	13.7	217
6231	Cryopreservation of Human Adipose-Derived Stem Cells for Use in Ex Vivo Regional Gene Therapy for Bone Repair. <i>Human Gene Therapy Methods</i> , 2018, 29, 269-277.	2.1	10
6232	The Role of Autophagy in Mesenchymal Stem Cell-Based Suppression of Immune Response. <i>Pancreatic Islet Biology</i> , 2018, , 119-133.	0.1	0
6233	Early angiogenesis detected by PET imaging with ⁶⁴ Cu-NODAGA-RGD is predictive of bone critical defect repair. <i>Acta Biomaterialia</i> , 2018, 82, 111-121.	4.1	22
6234	New Approaches to Treat Osteoarthritis with Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2018, 2018, 1-9.	1.2	34
6235	Comparative Study on the Application of Mesenchymal Stromal Cells Combined with Tricalcium Phosphate Scaffold into Femoral Bone Defects. <i>Cell Transplantation</i> , 2018, 27, 1459-1468.	1.2	20
6236	Allogeneic Mesenchymal Stem Cells and Biomaterials: The Perfect Match for Cardiac Repair?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3236.	1.8	21
6237	Mesenchymal stromal cells from myelodysplastic and acute myeloid leukemia patients display in vitro reduced proliferative potential and similar capacity to support leukemia cell survival. <i>Stem Cell Research and Therapy</i> , 2018, 9, 271.	2.4	63
6238	Stem cell therapy for treating osteonecrosis of the femoral head: From clinical applications to related basic research. <i>Stem Cell Research and Therapy</i> , 2018, 9, 291.	2.4	44
6239	Mapping of equine mesenchymal stromal cell surface proteomes for identification of specific markers using proteomics and gene expression analysis: an in vitro cross-sectional study. <i>Stem Cell Research and Therapy</i> , 2018, 9, 288.	2.4	14

#	ARTICLE	IF	CITATIONS
6240	Promotion of Wound Repair Using Stem Cell Therapies. , 2018, , .		0
6241	Stem cell therapy in autism: recent insights. <i>Stem Cells and Cloning: Advances and Applications</i> , 2018, Volume 11, 55-67.	2.3	28
6242	Cytogenetic and Transcriptomic Analysis of Human Endometrial MSC Retaining Proliferative Activity after Sublethal Heat Shock. <i>Cells</i> , 2018, 7, 184.	1.8	10
6243	Establishment of stably expandable induced myogenic stem cells by four transcription factors. <i>Cell Death and Disease</i> , 2018, 9, 1092.	2.7	22
6244	Characterization of embryonic stem cell-differentiated fibroblasts as mesenchymal stem cells with robust expansion capacity and attenuated innate immunity. <i>Stem Cell Research and Therapy</i> , 2018, 9, 278.	2.4	17
6245	Injectable Systems for Intra-Articular Delivery of Mesenchymal Stromal Cells for Cartilage Treatment: A Systematic Review of Preclinical and Clinical Evidence. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3322.	1.8	25
6246	Optimal Xeno-free Culture Condition for Clinical Grade Stem Cells from Human Exfoliated Deciduous Teeth. <i>International Journal of Stem Cells</i> , 2018, 11, 96-104.	0.8	6
6247	Polymer Self-Assembled BMSCs with Cancer Tropism and Programmed Homing. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800118.	3.9	5
6248	Distinct features of rabbit and human adipose-derived mesenchymal stem cells: implications for biotechnology and translational research. <i>Stem Cells and Cloning: Advances and Applications</i> , 2018, Volume 11, 43-54.	2.3	10
6249	Evaluation of bone marrow-derived mesenchymal stem cell quality from patients with congenital pseudoarthrosis of the tibia. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 266.	0.9	6
6250	Analysis of Mesenchymal Stromal Cell Engraftment After Allogeneic HSCT in Pediatric Patients: A Large Multicenter Study. <i>Journal of Pediatric Hematology/Oncology</i> , 2018, 40, e486-e489.	0.3	2
6251	Human umbilical cord blood plasma as an alternative to animal sera for mesenchymal stromal cells in vitro expansion – A multicomponent metabolomic analysis. <i>PLoS ONE</i> , 2018, 13, e0203936.	1.1	22
6252	Intra-articular implantation of autologous bone marrow-derived mesenchymal stromal cells to treat knee osteoarthritis: a randomized, triple-blind, placebo-controlled phase 1/2 clinical trial. <i>Cytotherapy</i> , 2018, 20, 1238-1246.	0.3	106
6254	Modification of the Ceramic Implant Surfaces from Zirconia by the Magnetron Sputtering of Different Calcium Phosphate Targets: A Comparative Study. <i>Materials</i> , 2018, 11, 1949.	1.3	13
6255	Protective effects of SOD2 overexpression in human umbilical cord mesenchymal stem cells on lung injury induced by acute paraquat poisoning in rats. <i>Life Sciences</i> , 2018, 214, 11-21.	2.0	12
6256	Cytometric analysis of adipose tissue reveals increments of adipocyte progenitor cells after weight loss induced by bariatric surgery. <i>Scientific Reports</i> , 2018, 8, 15203.	1.6	24
6258	Hope or Hype: Stem Cells as Therapeutics in Retinal Degenerative Diseases. , 2018, , 259-290.		0
6259	Clinical Application of Mesenchymal Stem Cell-Derived Extracellular Vesicle-Based Therapeutics for Inflammatory Lung Diseases. <i>Journal of Clinical Medicine</i> , 2018, 7, 355.	1.0	128

#	ARTICLE	IF	CITATIONS
6261	CD90 determined two subpopulations of glioma-associated mesenchymal stem cells with different roles in tumour progression. <i>Cell Death and Disease</i> , 2018, 9, 1101.	2.7	31
6262	Defining Skin Fibroblastic Cell Types Beyond CD90. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 133.	1.8	32
6263	Proinflammatory Cytokines Significantly Stimulate Extracellular Vesicle Production by Adipose-Derived and Umbilical Cord-Derived Mesenchymal Stem Cells. <i>Stem Cells in Clinical Applications</i> , 2018, , 77-90.	0.4	0
6264	Non-Ionizing Radiation for Cardiac Human Amniotic Mesenchymal Stromal Cell Commitment: A Physical Strategy in Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2324.	1.8	4
6265	Induction of human umbilical cord mesenchymal stem cells into tissue-forming cells in a murine model: implications for pelvic floor reconstruction. <i>Cell and Tissue Research</i> , 2018, 372, 535-547.	1.5	8
6266	Derivation and characterization of putative craniofacial mesenchymal progenitor cells from human induced pluripotent stem cells. <i>Stem Cell Research</i> , 2018, 33, 100-109.	0.3	13
6268	Small non-coding RNA landscape of extracellular vesicles from human stem cells. <i>Scientific Reports</i> , 2018, 8, 15503.	1.6	54
6269	Adipose-derived mesenchymal stem cells formed acinar-like structure when stimulated with breast epithelial cells in three-dimensional culture. <i>PLoS ONE</i> , 2018, 13, e0204077.	1.1	11
6270	Mesenchymal Stromal/Stem Cells in Regenerative Medicine and Tissue Engineering. <i>Stem Cells International</i> , 2018, 2018, 1-16.	1.2	244
6271	Independent chondrogenic potential of canine bone marrow-derived mesenchymal stem cells in monolayer expansion cultures decreases in a passage-dependent pattern. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1681-1687.	0.3	1
6272	Synovial Mesenchymal Stem Cells Derived From the Cotyloid Fossa Synovium Have Higher Self-renewal and Differentiation Potential Than Those From the Paralabral Synovium in the Hip Joint. <i>American Journal of Sports Medicine</i> , 2018, 46, 2942-2953.	1.9	22
6273	Proteomic Profiling of Native Unpassaged and Culture-Expanded Mesenchymal Stromal Cells (MSC). <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 894-904.	1.1	27
6274	A New High Throughput Screening Platform for Cell Encapsulation in Alginate Hydrogel Shows Improved Hepatocyte Functions by Mesenchymal Stromal Cells Co-encapsulation. <i>Frontiers in Medicine</i> , 2018, 5, 216.	1.2	14
6275	Cell Therapies: New Frontier for the Management of Diabetic Foot Ulceration. <i>Contemporary Diabetes</i> , 2018, , 219-235.	0.0	0
6276	PDGF Restores the Defective Phenotype of Adipose-Derived Mesenchymal Stromal Cells from Diabetic Patients. <i>Molecular Therapy</i> , 2018, 26, 2696-2709.	3.7	56
6277	The use of hydrogels for cell-based treatment of chronic kidney disease. <i>Clinical Science</i> , 2018, 132, 1977-1994.	1.8	16
6278	Endometrial Stem Cells in Farm Animals: Potential Role in Uterine Physiology and Pathology. <i>Bioengineering</i> , 2018, 5, 75.	1.6	10
6279	Immunomodulatory placental-expanded, mesenchymal stromal cells improve muscle function following hip arthroplasty. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 880-897.	2.9	53

#	ARTICLE	IF	CITATIONS
6280	Periodontal regeneration with autologous periodontal ligament-derived cell sheets â€“ A safety and efficacy study in ten patients. <i>Regenerative Therapy</i> , 2018, 9, 38-44.	1.4	146
6281	Mesenchymal stromal cells as a potential therapeutic for neurological disorders. <i>Regenerative Therapy</i> , 2018, 9, 32-37.	1.4	39
6282	Multifunctional Scaffolds with Improved Antimicrobial Properties and Osteogenicity Based on Piezoelectric Electrospun Fibers Decorated with Bioactive Composite Microcapsules. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34849-34868.	4.0	79
6283	Current Strategies to Generate Human Mesenchymal Stem Cells In Vitro. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	41
6284	Carrageenan hydrogel as a scaffold for skin-derived multipotent stromal cells delivery. <i>Journal of Biomaterials Applications</i> , 2018, 33, 422-434.	1.2	42
6285	Mesenchymal Stem Cells as New Therapeutic Approach for Diabetes and Pancreatic Disorders. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2783.	1.8	16
6286	Adult Stem Cell Treatment for Rheumatoid Arthritis. <i>Journal of Rheumatic Diseases</i> , 2018, 25, 158.	0.4	2
6287	Hematopoietic stem cell and mesenchymal stem cell population size in bone marrow samples depends on patientâ€™s age and harvesting technique. <i>Cytotechnology</i> , 2018, 70, 1575-1583.	0.7	16
6288	Tips and Tricks for Validation of Quality Control Analytical Methods in Good Manufacturing Practice Mesenchymal Stromal Cell Production. <i>Stem Cells International</i> , 2018, 2018, 1-16.	1.2	23
6289	Mesenchymal Stromal Cells Based Therapy in Systemic Sclerosis: Rational and Challenges. <i>Frontiers in Immunology</i> , 2018, 9, 2013.	2.2	36
6290	Evaluating the Current Literature on Treatments Containing Adipose-Derived Stem Cells for Osteoarthritis: a Progress Update. <i>Current Rheumatology Reports</i> , 2018, 20, 67.	2.1	11
6291	A High-Resolution Proteomic Landscaping of Primary Human Dental Stem Cells: Identification of SHED- and PDLSC-Specific Biomarkers. <i>International Journal of Molecular Sciences</i> , 2018, 19, 158.	1.8	16
6292	Evaluation of bone marrow microenvironment could change how myelodysplastic syndromes are diagnosed and treated. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 916-928.	1.1	6
6293	In situ detection of CD73+ CD90+ CD105+ lineage: Mesenchymal stromal cells in human placenta and bone marrow specimens by chipcytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 889-893.	1.1	17
6294	Molecular Crowding â€“ (in Cell Culture). , 2018, , 1-27.		1
6295	Factors of the bone marrow microniche that support human plasma cell survival and immunoglobulin secretion. <i>Nature Communications</i> , 2018, 9, 3698.	5.8	95
6296	Factors Influencing the Successful Isolation and Expansion of Aging Human Mesenchymal Stem Cells. <i>Open Life Sciences</i> , 2018, 13, 279-284.	0.6	1
6297	An Update on the Therapeutic Potential of Stem Cells. <i>Methods in Molecular Biology</i> , 2018, 1842, 3-27.	0.4	3

#	ARTICLE	IF	CITATIONS
6298	Isolating and Characterizing Adipose-Derived Stem Cells. <i>Methods in Molecular Biology</i> , 2018, 1842, 193-201.	0.4	7
6299	Towards biobanking technologies for natural and bioengineered multicellular placental constructs. <i>Biomaterials</i> , 2018, 185, 39-50.	5.7	19
6300	Adipoinductive effect of extracellular matrix involves cytoskeleton changes and SIRT1 activity in adipose tissue stem/stromal cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, S370-S382.	1.9	5
6301	Allogeneic adipose-derived mesenchymal stem cell therapy in dogs with refractory atopic dermatitis: clinical efficacy and safety. <i>Veterinary Record</i> , 2018, 183, 654-654.	0.2	44
6302	Effect of bone marrow stromal cells in combination with biomaterials in early phases of distraction osteogenesis: An experimental study in a rabbit femur model. <i>Injury</i> , 2018, 49, 1979-1986.	0.7	10
6303	Current Status of Stem Cell Treatment for Type I Diabetes Mellitus. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 699-709.	1.6	9
6304	Production via good manufacturing practice of exofucosylated human mesenchymal stromal cells for clinical applications. <i>Cytotherapy</i> , 2018, 20, 1110-1123.	0.3	12
6305	Human-based fibrillar nanocomposite hydrogels as bioinstructive matrices to tune stem cell behavior. <i>Nanoscale</i> , 2018, 10, 17388-17401.	2.8	34
6306	Mesenchymal Stem Cell Therapy for Bone Regeneration. <i>Clinics in Orthopedic Surgery</i> , 2018, 10, 271.	0.8	101
6307	Pre-vascularization in fibrin Gel/PLGA microsphere scaffolds designed for bone regeneration. <i>NPG Asia Materials</i> , 2018, 10, 827-839.	3.8	38
6308	Isolation and Comparative Characteristics of Mesenchymal Stem-Cell Lines Derived from Foreskin of Two Donors of Similar Age. <i>Cell and Tissue Biology</i> , 2018, 12, 271-280.	0.2	3
6309	The interstitium in cardiac repair: role of the immune-stromal cell interplay. <i>Nature Reviews Cardiology</i> , 2018, 15, 601-616.	6.1	94
6310	The influence of age and osteoporosis on bone marrow stem cells from rats. <i>Bone and Joint Research</i> , 2018, 7, 289-297.	1.3	22
6311	Macrophage Immunomodulation: The Gatekeeper for Mesenchymal Stem Cell Derived-Exosomes in Pulmonary Arterial Hypertension?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2534.	1.8	49
6312	Promotion of Cell-Based Therapy: Special Focus on the Cooperation of Mesenchymal Stem Cell Therapy and Gene Therapy for Clinical Trial Studies. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1119, 103-118.	0.8	18
6313	Mesenchymal Stem Cells as Endogenous Regulators of Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1060, 73-98.	0.8	24
6314	Restoration of mandibular bone defects with demineralized bone matrix combined with three-dimensional cultured bone marrow-derived mesenchymal stem cells in minipig models. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 147.	1.7	9
6315	Investigation of interactions between the marine GY785 exopolysaccharide and transforming growth factor- β 1 by atomic force microscopy. <i>Carbohydrate Polymers</i> , 2018, 202, 56-63.	5.1	9

#	ARTICLE	IF	CITATIONS
6316	Clinical significance of hyaluronan levels and its pro-osteogenic effect on mesenchymal stromal cells in myelodysplastic syndromes. <i>Journal of Translational Medicine</i> , 2018, 16, 234.	1.8	5
6317	The metabolic syndrome modifies the mRNA expression profile of extracellular vesicles derived from porcine mesenchymal stem cells. <i>Diabetology and Metabolic Syndrome</i> , 2018, 10, 58.	1.2	28
6318	Modeling human somite development and fibrodysplasia ossificans progressiva with induced pluripotent stem cells. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	46
6319	Vertebral body versus iliac crest bone marrow as a source of multipotential stromal cells: Comparison of processing techniques, tri-lineage differentiation and application on a scaffold for spine fusion. <i>PLoS ONE</i> , 2018, 13, e0197969.	1.1	20
6320	Chondrocyte Turnover in Lung Cartilage. , 2018, , .		1
6321	OBSOLETE: Heart Regeneration with Stem Cell Therapies. , 2018, , .		0
6322	Toll-Like Receptors: The Key of Immunotherapy in MSCs. , 0, , .		5
6323	Direct modulation of the bone marrow mesenchymal stromal cell compartment by azacitidine enhances healthy hematopoiesis. <i>Blood Advances</i> , 2018, 2, 3447-3461.	2.5	31
6324	Stem Cell-Based Approaches for Cartilage Tissue Engineering. , 2018, , 103-123.		1
6325	Developmental Biology in Tendon Tissue Engineering. , 2018, , 181-206.		5
6326	Clinical Translation of Cartilage Tissue Engineering, From Embryonic Development to a Promising Long-Term Solution. , 2018, , 225-246.		1
6327	Mesenchymal Stem Cell-Based Therapy for Cardiovascular Disease: Progress and Challenges. <i>Molecular Therapy</i> , 2018, 26, 1610-1623.	3.7	241
6328	Mesenchymal Stem Cells: Miraculous Healers or Dormant Killers?. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 722-733.	5.6	16
6329	Validation of reference and identity-defining genes in human mesenchymal stem cells cultured under unrelated fetal bovine serum batches for basic science and clinical application. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 837-846.	5.6	6
6330	The controversial origin of pericytes during angiogenesis â€œ Implications for cell-based therapeutic angiogenesis and cell-based therapies. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 215-232.	0.9	29
6331	Osteoblastic differentiating potential of dental pulp stem cells <i>in vitro</i> cultured on a chemically modified microrough titanium surface. <i>Dental Materials Journal</i> , 2018, 37, 197-205.	0.8	17
6332	Therapeutic Applications of Mesenchymal Stem Cells for Systemic Lupus Erythematosus. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1089, 73-85.	0.8	17
6333	Regenerative Medicine Applications of Mesenchymal Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1089, 115-141.	0.8	34

#	ARTICLE	IF	CITATIONS
6334	The therapeutic potential of the mesenchymal stem cell secretome in ischaemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1276-1292.	2.4	184
6335	Altered properties of feline adipose-derived mesenchymal stem cells during continuous &in vitro& cultivation. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 930-938.	0.3	23
6336	A co-culture system of rat synovial stem cells and meniscus cells promotes cell proliferation and differentiation as compared to mono-culture. <i>Scientific Reports</i> , 2018, 8, 7693.	1.6	11
6337	Characterization of Canine Adipose-Derived Mesenchymal Stromal/Stem Cells in Serum-Free Medium. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 399-411.	1.1	13
6338	From skeletal development to the creation of pluripotent stem cell-derived bone-forming progenitors. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170218.	1.8	11
6339	The Route by Which Intranasally Delivered Stem Cells Enter the Central Nervous System. <i>Cell Transplantation</i> , 2018, 27, 501-514.	1.2	65
6340	Modulation of autophagy as new approach in mesenchymal stem cell-based therapy. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 404-410.	2.5	50
6341	Injection of synthetic mesenchymal stem cell mitigates osteoporosis in rats after ovariectomy. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3751-3757.	1.6	10
6342	Gingival Mesenchymal Stem Cells Outperform Haploidentical Dental Pulp-derived Mesenchymal Stem Cells in Proliferation Rate, Migration Ability, and Angiogenic Potential. <i>Cell Transplantation</i> , 2018, 27, 967-978.	1.2	36
6343	Transforming growth factor β 1-mediated functional inhibition of mesenchymal stromal cells in myelodysplastic syndromes and acute myeloid leukemia. <i>Haematologica</i> , 2018, 103, 1462-1471.	1.7	43
6344	FDA and NIST collaboration on standards development activities supporting innovation and translation of regenerative medicine products. <i>Cytotherapy</i> , 2018, 20, 779-784.	0.3	17
6345	Isolation and characterization of progenitor cells from surgically created early healing alveolar defects in humans: A preliminary study. <i>Journal of Periodontology</i> , 2018, 89, 1326-1333.	1.7	5
6346	Bone marrow mesenchymal stem cell donors with a high body mass index display elevated endoplasmic reticulum stress and are functionally impaired. <i>Journal of Cellular Physiology</i> , 2018, 233, 8429-8436.	2.0	30
6347	Endothelial Cells Modulate Differentiation Potential and Mobility of Mesenchymal Stromal Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 165, 127-131.	0.3	6
6348	Characterization of tumor-derived mesenchymal stem cells potentially differentiating into cancer-associated fibroblasts in lung cancer. <i>Clinical and Translational Oncology</i> , 2018, 20, 1582-1591.	1.2	29
6349	Osteogenic and Chondrogenic Master Genes Expression Is Dependent on the Kir2.1 Potassium Channel Through the Bone Morphogenetic Protein Pathway. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1826-1841.	3.1	22
6350	Comparison of two digestion strategies on characteristics and differentiation potential of human dental pulp stem cells. <i>Archives of Oral Biology</i> , 2018, 93, 74-79.	0.8	11
6351	Adipose Tissue-Derived Stromal Cells for Wound Healing. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1119, 133-149.	0.8	42

#	ARTICLE	IF	CITATIONS
6352	Stem Cell Sources and Graft Material for Vascular Tissue Engineering. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 642-667.	5.6	34
6353	Total glucosides of paeony improves the immunomodulatory capacity of MSCs partially via the miR-124/STAT3 pathway in oral lichen planus. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 151-158.	2.5	25
6354	Concise Review: Using Fat to Fight Disease: A Systematic Review of Nonhomologous Adipose-Derived Stromal/Stem Cell Therapies. <i>Stem Cells</i> , 2018, 36, 1311-1328.	1.4	115
6355	Primary and Stem Cell Microarrays: Application as Miniaturized Biotesting Systems. <i>Methods in Molecular Biology</i> , 2018, 1771, 131-145.	0.4	0
6356	Human Amniotic Fluid Stem Cells: Therapeutic Potential for Perinatal Patients with Intractable Neurological Disease. <i>Keio Journal of Medicine</i> , 2018, 67, 57-66.	0.5	11
6357	Proteome response of dental pulp cells to exogenous FGF8. <i>Journal of Proteomics</i> , 2018, 183, 14-24.	1.2	11
6358	Odontoblast-Like Cells Differentiated from Dental Pulp Stem Cells Retain Their Phenotype after Subcultivation. <i>International Journal of Cell Biology</i> , 2018, 2018, 1-12.	1.0	47
6359	Differentiation of umbilical cord mesenchymal stem cells into hepatocytes in comparison with bone marrow mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2018, 18, 2009-2016.	1.1	33
6360	CD90 Identifies Adventitial Mesenchymal Progenitor Cells in Adult Human Medium- and Large-Sized Arteries. <i>Stem Cell Reports</i> , 2018, 11, 242-257.	2.3	26
6361	Stem Cells in Dentistry: Types of Intra- and Extraoral Tissue-Derived Stem Cells and Clinical Applications. <i>Stem Cells International</i> , 2018, 2018, 1-14.	1.2	26
6362	Isolation and Characterisation of Mesenchymal Stem Cells from Rat Bone Marrow and the Endosteal Niche: A Comparative Study. <i>Stem Cells International</i> , 2018, 2018, 1-14.	1.2	41
6363	Clinical Trials and Family Banking of Perinatal Stem Cells. , 2018, , 321-336.		0
6364	TGF- β 2 and mesenchymal stromal cells in regenerative medicine, autoimmunity and cancer. <i>Cytokine and Growth Factor Reviews</i> , 2018, 43, 25-37.	3.2	87
6365	Potential of iPSC-Derived Mesenchymal Stromal Cells for Treating Periodontal Disease. <i>Stem Cells International</i> , 2018, 2018, 1-12.	1.2	18
6366	Impact of Dental Implant Surface Modifications on Adhesion and Proliferation of Primary Human Gingival Keratinocytes and Progenitor Cells. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2018, 38, 127-135.	0.4	22
6367	Combating Osteoarthritis through Stem Cell Therapies by Rejuvenating Cartilage: A Review. <i>Stem Cells International</i> , 2018, 2018, 1-13.	1.2	33
6368	Mesenchymal Stromal Cells and Cutaneous Wound Healing: A Comprehensive Review of the Background, Role, and Therapeutic Potential. <i>Stem Cells International</i> , 2018, 2018, 1-13.	1.2	153
6369	The Effect of Addition of Calcium Phosphate Particles to Hydrogel-Based Composite Materials on Stiffness and Differentiation of Mesenchymal Stromal Cells toward Osteogenesis. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800343.	3.9	21

#	ARTICLE	IF	CITATIONS
6370	Link Protein N-Terminal Peptide as a Potential Stimulating Factor for Stem Cell-Based Cartilage Regeneration. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	20
6371	Fibroblasts and mesenchymal stem cells: Two sides of the same coin?. <i>Journal of Cellular Physiology</i> , 2018, 233, 9099-9109.	2.0	116
6372	Effect of bone marrow mesenchymal stem cells on healing of temporomandibular joints in rats with induced rheumatoid arthritis. <i>European Journal of Oral Sciences</i> , 2018, 126, 272-281.	0.7	14
6373	Thioredoxin-1 Protects Bone Marrow-Derived Mesenchymal Stromal Cells from Hyperoxia-Induced Injury In Vitro. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	1.9	7
6374	Advantages of Graphene Biosensors for Human Stem Cell Therapy Potency Assays. <i>BioMed Research International</i> , 2018, 2018, 1-12.	0.9	7
6375	Tissue Engineering of Large Full-Size Meniscus Defects by a Polyurethane Scaffold: Accelerated Regeneration by Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	36
6376	Synergistic Effects of FGF-18 and TGF- β 3 on the Chondrogenesis of Human Adipose-Derived Mesenchymal Stem Cells in the Pellet Culture. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	19
6377	Stem Cells for Cartilage Repair: Preclinical Studies and Insights in Translational Animal Models and Outcome Measures. <i>Stem Cells International</i> , 2018, 2018, 1-22.	1.2	62
6378	High CD90 (THY-1) expression positively correlates with cell transformation and worse prognosis in basal-like breast cancer tumors. <i>PLoS ONE</i> , 2018, 13, e0199254.	1.1	13
6379	Sca-1 ⁺ cardiac fibroblasts promote development of heart failure. <i>European Journal of Immunology</i> , 2018, 48, 1522-1538.	1.6	49
6380	Biofabrication of a novel leukocyte-fibrin-platelet membrane as a cells and growth factors delivery platform for tissue engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1891-1906.	1.3	10
6381	From Bench to Bedside of Mesenchymal Stem Cells Use for Rheumatoid Arthritis Treatment. , 2018, , 241-269.		1
6382	Mesenchymal Stromal Cell Therapy for Pancreatitis: A Systematic Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	1.9	24
6383	Long noncoding RNA H19 mediates LCoR to impact the osteogenic and adipogenic differentiation of mBMSCs in mice through sponging miR-188. <i>Journal of Cellular Physiology</i> , 2018, 233, 7435-7446.	2.0	51
6384	Skeletal Stem Cells/Bone Marrow Stromal Cells. , 2018, , 241-260.		0
6385	Epigenetic changes in umbilical cord mesenchymal stromal cells upon stimulation and culture expansion. <i>Cytotherapy</i> , 2018, 20, 919-929.	0.3	19
6386	Chronic Inflammation May Enhance Leiomyoma Development by the Involvement of Progenitor Cells. <i>Stem Cells International</i> , 2018, 2018, 1-13.	1.2	40
6387	A Nonenzymatic and Automated Closed-Cycle Process for the Isolation of Mesenchymal Stromal Cells in Drug Delivery Applications. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	12

#	ARTICLE	IF	CITATIONS
6388	Dental Mesenchymal Stem/Stromal Cells and Their Exosomes. <i>Stem Cells International</i> , 2018, 2018, 1-8.	1.2	70
6389	Mesenchymal Stem Cells Form 3D Clusters Following Intraventricular Transplantation. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 60-73.	1.1	17
6390	Mending Broken Hearts. , 2018, , 99-115.		1
6391	Stem Cells Derived From the Placental Villi. , 2018, , 187-200.		1
6392	Mesenchymal Stromal Cells From Wharton's Jelly (WJ-MSCs). , 2018, , 271-279.		2
6393	Regeneration of Ischemic Cardiovascular Damage Using Wharton's Jelly as an Unlimited Source of Therapeutic Stem Cells. , 2018, , 281-289.		0
6394	Phenotype With Focused Paracrine Fractions. , 2018, , 291-301.		0
6395	Cellular toxicity of silicon carbide nanomaterials as a function of morphology. <i>Biomaterials</i> , 2018, 179, 60-70.	5.7	28
6396	TNF inhibits catecholamine production from induced sympathetic neuron-like cells in rheumatoid arthritis and osteoarthritis in vitro. <i>Scientific Reports</i> , 2018, 8, 9645.	1.6	15
6397	Clinical Development and Commercialization of Placenta-Derived Cell Therapy. , 2018, , 357-375.		1
6398	The Potentials and Caveats of Mesenchymal Stromal Cell-Based Therapies in the Preterm Infant. <i>Stem Cells International</i> , 2018, 2018, 1-15.	1.2	26
6399	Avian lungs: A novel scaffold for lung bioengineering. <i>PLoS ONE</i> , 2018, 13, e0198956.	1.1	5
6400	HMGB2 is a novel adipogenic factor that regulates ectopic fat infiltration in skeletal muscles. <i>Scientific Reports</i> , 2018, 8, 9601.	1.6	17
6401	Stem cell-based therapies in neonatology: a new hope. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F583-F588.	1.4	11
6402	Adipose-Derived Stromal Vascular Fraction/Xenohybrid Bone Scaffold: An Alternative Source for Bone Regeneration. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	36
6403	Mesenchymal stromal cell-derived extracellular vesicles: regenerative and immunomodulatory effects and potential applications in sepsis. <i>Cell and Tissue Research</i> , 2018, 374, 1-15.	1.5	104
6404	Origin of Reparative Stem Cells in Fracture Healing. <i>Current Osteoporosis Reports</i> , 2018, 16, 490-503.	1.5	47
6405	Heterogeneous Functions of Perinatal Mesenchymal Stromal Cells Require a Preselection Before Their Banking for Clinical Use. , 2018, , 117-129.		0

#	ARTICLE	IF	CITATIONS
6406	Fetal Endothelial Progenitors and Mesenchymal Stem Cells From the Human Term Placenta. , 2018, , 131-140.		0
6407	Mesenchymal Stromal Cells: From Discovery to Manufacturing and Commercialization. Stem Cells International, 2018, 2018, 1-13.	1.2	99
6408	Marrow Adipose Tissue: Its Origin, Function, and Regulation in Bone Remodeling and Regeneration. Stem Cells International, 2018, 2018, 1-11.	1.2	25
6409	Comparison of Immunological Characteristics of Mesenchymal Stem Cells from the Periodontal Ligament, Umbilical Cord, and Adipose Tissue. Stem Cells International, 2018, 2018, 1-12.	1.2	83
6410	Production of Adult Human Synovial Fluid-Derived Mesenchymal Stem Cells in Stirred-Suspension Culture. Stem Cells International, 2018, 2018, 1-16.	1.2	15
6411	Adipose-Derived Mesenchymal Stem Cells in the Use of Cartilage Tissue Engineering: The Need for a Rapid Isolation Procedure. Stem Cells International, 2018, 2018, 1-9.	1.2	47
6412	Improvement in Left Ventricular Function with Intracoronary Mesenchymal Stem Cell Therapy in a Patient with Anterior Wall ST-Segment Elevation Myocardial Infarction. Cardiovascular Drugs and Therapy, 2018, 32, 329-338.	1.3	67
6413	Poly(amidoamine)-alginate hydrogels: directing the behavior of mesenchymal stem cells with charged hydrogel surfaces. Journal of Materials Science: Materials in Medicine, 2018, 29, 105.	1.7	39
6414	Impaired Angiogenic Supportive Capacity and Altered Gene Expression Profile of Resident CD146+ Mesenchymal Stromal Cells Isolated from Hyperoxia-Injured Neonatal Rat Lungs. Stem Cells and Development, 2018, 27, 1109-1124.	1.1	25
6415	Stem cell characteristics and the therapeutic potential of amniotic epithelial cells. American Journal of Reproductive Immunology, 2018, 80, e13003.	1.2	76
6416	IFN γ -Expressing Amniotic Fluid-Derived Mesenchymal Stem Cells Migrate to and Suppress HeLa Cell-Derived Tumors in a Mouse Model. Stem Cells International, 2018, 2018, 1-14.	1.2	11
6417	Comparative Analysis of Cellular and Growth Factor Composition in Bone Marrow Aspirate Concentrate and Platelet-Rich Plasma. Bone Marrow Research, 2018, 2018, 1-9.	1.7	30
6418	The current understanding of mesenchymal stem cells as potential attenuators of chemotherapy-induced toxicity. International Journal of Cancer, 2018, 143, 2628-2639.	2.3	31
6419	Transdifferentiation of human gingival mesenchymal stem cells into functional keratinocytes by <i>Acalypha indica</i> in three-dimensional microenvironment. Journal of Cellular Physiology, 2018, 233, 8450-8457.	2.0	17
6420	Bacterial nanocellulose stimulates mesenchymal stem cell expansion and formation of stable collagen-I networks as a novel biomaterial in tissue engineering. Scientific Reports, 2018, 8, 9401.	1.6	35
6421	Isolation and biological characteristics of multipotent mesenchymal stromal cells derived from chick embryo intestine. British Poultry Science, 2018, 59, 521-530.	0.8	5
6422	Recovery of Donor Hematopoiesis after Graft Failure and Second Hematopoietic Stem Cell Transplantation with Intraosseous Administration of Mesenchymal Stromal Cells. Stem Cells International, 2018, 2018, 1-7.	1.2	9
6423	Chemotherapy-induced genotoxic damage to bone marrow cells: long-term implications. Mutagenesis, 2018, 33, 241-251.	1.0	17

#	ARTICLE	IF	CITATIONS
6424	Activation of the NF- κ B pathway alters the phenotype of MSCs in the tracheal aspirates of preterm infants with severe BPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L87-L101.	1.3	22
6425	The immunomodulatory activity of extracellular vesicles derived from endometrial mesenchymal stem cells on CD4+ T cells is partially mediated by TGF β . <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2088-2098.	1.3	58
6426	NMDA receptor activation inhibits the antifibrotic effect of BM-MSCs on bleomycin-induced pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L404-L421.	1.3	18
6427	Effect of a Combination of Prednisone or Mycophenolate Mofetil and Mesenchymal Stem Cells on Lupus Symptoms in MRL- <i>lpr</i> Mice. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	12
6428	Biphasic Scaffolds from Marine Collagens for Regeneration of Osteochondral Defects. <i>Marine Drugs</i> , 2018, 16, 91.	2.2	40
6429	TGF- β 2 Inhibitor SB431542 Promotes the Differentiation of Induced Pluripotent Stem Cells and Embryonic Stem Cells into Mesenchymal-Like Cells. <i>Stem Cells International</i> , 2018, 2018, 1-13.	1.2	6
6430	Using high throughput microtissue culture to study the difference in prostate cancer cell behavior and drug response in 2D and 3D co-cultures. <i>BMC Cancer</i> , 2018, 18, 592.	1.1	21
6431	Mesenchymal Stem Cell Expressing TRAIL as Targeted Therapy against Sensitised Tumour. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2188.	1.8	23
6432	Revisiting the Advances in Isolation, Characterization and Secretome of Adipose-Derived Stromal/Stem Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2200.	1.8	86
6433	Promyelocytic leukemia protein in mesenchymal stem cells is essential for leukemia progression. <i>Annals of Hematology</i> , 2018, 97, 1749-1755.	0.8	17
6434	Effects of mesenchymal stromal cells versus serum on tendon healing in a controlled experimental trial in an equine model. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 230.	0.8	31
6435	Repeated Mesenchymal Stromal Cell Treatment Sustainably Alleviates Machado-Joseph Disease. <i>Molecular Therapy</i> , 2018, 26, 2131-2151.	3.7	24
6436	Past, Present and Future of Cell-Based Therapy in Progressive Multiple Sclerosis. , 2018, , 87-132.		0
6437	Ex vivo evaluation of intravitreal mesenchymal stromal cell viability using bioluminescence imaging. <i>Stem Cell Research and Therapy</i> , 2018, 9, 155.	2.4	4
6438	Can a Conversation Between Mesenchymal Stromal Cells and Macrophages Solve the Crisis in the Inflamed Intestine?. <i>Frontiers in Pharmacology</i> , 2018, 9, 179.	1.6	42
6439	Ultrasonographic Findings in 41 Dogs Treated with Bone Marrow Aspirate Concentrate and Platelet-Rich Plasma for a Supraspinatus Tendinopathy: A Retrospective Study. <i>Frontiers in Veterinary Science</i> , 2018, 5, 98.	0.9	19
6440	An experimental study of menopause induced by bilateral ovariectomy and mechanistic effects of mesenchymal stromal cell therapy on the parotid gland of a rat model. <i>Annals of Anatomy</i> , 2018, 220, 9-20.	1.0	11
6441	Stem Cell Therapy for Multiple Sclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1084, 145-174.	0.8	44

#	ARTICLE	IF	CITATIONS
6442	Icariin Improves the Viability and Function of Cryopreserved Human Nucleus Pulposus-Derived Mesenchymal Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	17
6443	Comparison of phenotypes and transcriptomes of mouse skin-derived precursors and dermal mesenchymal stem cells. <i>Differentiation</i> , 2018, 102, 30-39.	1.0	8
6444	Immunophenotyping and transcriptional profiling of in vitro cultured human adipose tissue derived stem cells. <i>Scientific Reports</i> , 2018, 8, 11339.	1.6	31
6445	Influence of Kartogenin on Chondrogenic Differentiation of Human Bone Marrow-Derived MSCs in 2D Culture and in Co-Cultivation with OA Osteochondral Explant. <i>Molecules</i> , 2018, 23, 181.	1.7	26
6446	Extracellular Matrix Membrane Induces Cementoblastic/Osteogenic Properties of Human Periodontal Ligament Stem Cells. <i>Frontiers in Physiology</i> , 2018, 9, 942.	1.3	18
6447	Mesenchymal Stromal Cell Preconditioning: The Next Step Toward a Customized Treatment For Severe Burn. <i>Stem Cells and Development</i> , 2018, 27, 1385-1405.	1.1	13
6448	Cell therapy for severe burn wound healing. <i>Burns and Trauma</i> , 2018, 6, 13.	2.3	43
6449	Association of silk sericin and platelet lysate: Premises for the formulation of wound healing active medications. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 37-47.	3.6	35
6450	Comparison of Antibacterial and Immunological Properties of Mesenchymal Stem/Stromal Cells from Equine Bone Marrow, Endometrium, and Adipose Tissue. <i>Stem Cells and Development</i> , 2018, 27, 1518-1525.	1.1	51
6451	Intravenous injection of allogeneic umbilical cord-derived multipotent mesenchymal stromal cells reduces the infarct area and ameliorates cardiac function in a porcine model of acute myocardial infarction. <i>Stem Cell Research and Therapy</i> , 2018, 9, 129.	2.4	68
6452	Repeated Intrathecal Mesenchymal Stem Cells for Amyotrophic Lateral Sclerosis. <i>Annals of Neurology</i> , 2018, 84, 361-373.	2.8	83
6453	Mesenchymal Stem Cells-Derived Exosomes for Wound Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1119, 119-131.	0.8	77
6454	Micromass cultures are effective for differentiation of human amniotic fluid stem cells into chondrocytes. <i>Clinics</i> , 2018, 73, e268.	0.6	9
6455	Dysregulation of Mesenchymal Stromal Cell Antioxidant Responses in Progressive Multiple Sclerosis. <i>Stem Cells Translational Medicine</i> , 2018, 7, 748-758.	1.6	27
6456	Mesenchymal Stromal Cells. , 2018, , 1559-1567.		1
6457	A characteristic signature of insulin-like growth factor (IGF) axis expression during osteogenic differentiation of human dental pulp cells (hDPCs): Potential co-ordinated regulation of IGF action. <i>Growth Hormone and IGF Research</i> , 2018, 42-43, 14-21.	0.5	7
6458	Human mesenchymal stromal cells do not promote recurrence of soft tissue sarcomas in mouse xenografts after radiation and surgery. <i>Cytotherapy</i> , 2018, 20, 1001-1012.	0.3	1
6459	Interrupted reprogramming into induced pluripotent stem cells does not rejuvenate human mesenchymal stromal cells. <i>Scientific Reports</i> , 2018, 8, 11676.	1.6	14

#	ARTICLE	IF	CITATIONS
6460	Increased extracellular matrix deposition during chondrogenic differentiation of dental pulp stem cells from individuals with neurofibromatosis type 1: an in vitro 2D and 3D study. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 98.	1.2	7
6461	Iberian pig mesenchymal stem/stromal cells from dermal skin, abdominal and subcutaneous adipose tissues, and peripheral blood: in vitro characterization and migratory properties in inflammation. <i>Stem Cell Research and Therapy</i> , 2018, 9, 178.	2.4	29
6462	The Impact of Type 2 Diabetes on Bone Fracture Healing. <i>Frontiers in Endocrinology</i> , 2018, 9, 6.	1.5	109
6463	Immunosuppressive Mesenchymal Stromal Cells Derived from Human-Induced Pluripotent Stem Cells Induce Human Regulatory T Cells In Vitro and In Vivo. <i>Frontiers in Immunology</i> , 2017, 8, 1991.	2.2	31
6464	How to Hit Mesenchymal Stromal Cells and Make the Tumor Microenvironment Immunostimulant Rather Than Immunosuppressive. <i>Frontiers in Immunology</i> , 2018, 9, 262.	2.2	91
6465	IL17/IL17RA as a Novel Signaling Axis Driving Mesenchymal Stem Cell Therapeutic Function in Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2018, 9, 802.	2.2	27
6466	Neutrophils Inhibit Synthesis of Mineralized Extracellular Matrix by Human Bone Marrow-Derived Stromal Cells In Vitro. <i>Frontiers in Immunology</i> , 2018, 9, 945.	2.2	34
6467	Long-Term Clinical and Immunological Profile of Kidney Transplant Patients Given Mesenchymal Stromal Cell Immunotherapy. <i>Frontiers in Immunology</i> , 2018, 9, 1359.	2.2	58
6468	Stem/Stromal Cells for Treatment of Kidney Injuries With Focus on Preclinical Models. <i>Frontiers in Medicine</i> , 2018, 5, 179.	1.2	45
6469	Direct Reprogramming of Adult Human Somatic Stem Cells Into Functional Neurons Using Sox2, Ascl1, and Neurog2. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 155.	1.8	15
6470	Enhancement of Immunoregulatory Function of Modified Bone Marrow Mesenchymal Stem Cells by Targeting SOCS1. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	6
6471	Allogeneic cell therapy using umbilical cord MSCs on collagen scaffolds for patients with recurrent uterine adhesion: a phase I clinical trial. <i>Stem Cell Research and Therapy</i> , 2018, 9, 192.	2.4	157
6472	Mesenchymal Stem Cells of Dental Origin for Inducing Tissue Regeneration in Periodontitis: A Mini-Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 944.	1.8	86
6473	The Role of Dissolved Oxygen Levels on Human Mesenchymal Stem Cell Culture Success, Regulatory Compliance, and Therapeutic Potential. <i>Stem Cells and Development</i> , 2018, 27, 1303-1321.	1.1	20
6474	Improved GMP compliant approach to manipulate lipoaspirates, to cryopreserve stromal vascular fraction, and to expand adipose stem cells in xeno-free media. <i>Stem Cell Research and Therapy</i> , 2018, 9, 130.	2.4	36
6475	Adipose-derived and bone marrow mesenchymal stem cells: a donor-matched comparison. <i>Stem Cell Research and Therapy</i> , 2018, 9, 168.	2.4	312
6476	Impact of a Porous Si-Ca-P Monophasic Ceramic on Variation of Osteogenesis-Related Gene Expression of Adult Human Mesenchymal Stem Cells. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 46.	1.3	5
6477	Mesenchymal Stem Cells Derived from Healthy and Diseased Human Gingiva Support Osteogenesis on Electrospun Polycaprolactone Scaffolds. <i>Bioengineering</i> , 2018, 5, 8.	1.6	14

#	ARTICLE	IF	CITATIONS
6478	Evaluation of Peripheral Blood and Cord Blood Platelet Lysates in Isolation and Expansion of Multipotent Mesenchymal Stromal Cells. <i>Bioengineering</i> , 2018, 5, 19.	1.6	11
6479	Dynamic Cultivation of Mesenchymal Stem Cell Aggregates. <i>Bioengineering</i> , 2018, 5, 48.	1.6	59
6480	Effective Treatment of Traumatic Brain Injury in Rowett Nude Rats with Stromal Vascular Fraction Transplantation. <i>Brain Sciences</i> , 2018, 8, 112.	1.1	2
6481	Global research trends in stem cells for osteoarthritis: a bibliometric and visualized study. <i>International Journal of Rheumatic Diseases</i> , 2018, 21, 1372-1384.	0.9	61
6482	Mesenchymal Stromal Cells Stimulate the Proliferation and IL-22 Production of Group 3 Innate Lymphoid Cells. <i>Journal of Immunology</i> , 2018, 201, 1165-1173.	0.4	30
6483	Human peripheral blood-derived mesenchymal stem cells with NTRK1 over-expression enhance repairing capability in a rat model of Parkinson's disease. <i>Cytotechnology</i> , 2018, 70, 1291-1299.	0.7	10
6484	Immunosuppression of Human Adipose-Derived Stem Cells on T Cell Subsets via the Reduction of NF-kappaB Activation Mediated by PD-L1/PD-1 and Gal-9/TIM-3 Pathways. <i>Stem Cells and Development</i> , 2018, 27, 1191-1202.	1.1	43
6485	Allogeneic Adipose-Derived Mesenchymal Stem Cells (Horse Allo 20) for the Treatment of Osteoarthritis-Associated Lameness in Horses: Characterization, Safety, and Efficacy of Intra-Articular Treatment. <i>Stem Cells and Development</i> , 2018, 27, 1147-1160.	1.1	27
6486	Isolation and Characterization of Multipotent Turkey Tendon-Derived Stem Cells. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	8
6487	Clinical Studies of Cell Therapy in Cardiovascular Medicine. <i>Circulation Research</i> , 2018, 123, 266-287.	2.0	129
6488	Stem Cell Therapy for Hypoplastic Left Heart Syndrome. <i>Circulation Research</i> , 2018, 123, 288-300.	2.0	36
6489	Role of Stem Cells in Pathophysiology and Therapy of Spondyloarthropathies: New Therapeutic Possibilities?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 80.	1.8	16
6490	Mechanical Activation of Adipose Tissue and Derived Mesenchymal Stem Cells: Novel Anti-Inflammatory Properties. <i>International Journal of Molecular Sciences</i> , 2018, 19, 267.	1.8	32
6491	Chondrosarcoma: A Rare Misfortune in Aging Human Cartilage? The Role of Stem and Progenitor Cells in Proliferation, Malignant Degeneration and Therapeutic Resistance. <i>International Journal of Molecular Sciences</i> , 2018, 19, 311.	1.8	52
6492	Biotherapeutic Effect of Gingival Stem Cells Conditioned Medium in Bone Tissue Restoration. <i>International Journal of Molecular Sciences</i> , 2018, 19, 329.	1.8	74
6493	Mesenchymal Stem Cells: Cell Fate Decision to Osteoblast or Adipocyte and Application in Osteoporosis Treatment. <i>International Journal of Molecular Sciences</i> , 2018, 19, 360.	1.8	263
6494	Chondrogenic Differentiation of Defined Equine Mesenchymal Stem Cells Derived from Umbilical Cord Blood for Use in Cartilage Repair Therapy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 537.	1.8	44
6495	Articular Cartilage Aging-Potential Regenerative Capacities of Cell Manipulation and Stem Cell Therapy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 623.	1.8	18

#	ARTICLE	IF	CITATIONS
6496	Comparison of Tumor- and Bone Marrow-Derived Mesenchymal Stromal/Stem Cells from Patients with High-Grade Osteosarcoma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 707.	1.8	19
6497	Co-Culture with Human Osteoblasts and Exposure to Extremely Low Frequency Pulsed Electromagnetic Fields Improve Osteogenic Differentiation of Human Adipose-Derived Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 994.	1.8	34
6498	Mesenchymal Stromal Cells: Emerging Roles in Bone Metastasis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1121.	1.8	36
6499	The Novel miRNA N-72 Regulates EGF-Induced Migration of Human Amnion Mesenchymal Stem Cells by Targeting MMP2. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1363.	1.8	3
6500	Magnesium Deprivation Potentiates Human Mesenchymal Stem Cell Transcriptional Remodeling. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1410.	1.8	21
6501	Insulin-Like Growth Factor-1 as a Possible Alternative to Bone Morphogenetic Protein-7 to Induce Osteogenic Differentiation of Human Mesenchymal Stem Cells in Vitro. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1674.	1.8	62
6502	Comparative Analysis between the In Vivo Biodistribution and Therapeutic Efficacy of Adipose-Derived Mesenchymal Stromal Cells Administered Intraperitoneally in Experimental Colitis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1853.	1.8	11
6503	The Components of Bone and What They Can Teach Us about Regeneration. <i>Materials</i> , 2018, 11, 14.	1.3	65
6504	Nanoscale Electrical Potential and Roughness of a Calcium Phosphate Surface Promotes the Osteogenic Phenotype of Stromal Cells. <i>Materials</i> , 2018, 11, 978.	1.3	29
6505	Human Dental Pulp Stem Cells Exhibit Different Biological Behaviours in Response to Commercial Bleaching Products. <i>Materials</i> , 2018, 11, 1098.	1.3	10
6506	3D bioprinting cartilage. , 2018, , 277-304.		12
6507	A Muscle Stem Cell Support Group: Coordinated Cellular Responses in Muscle Regeneration. <i>Developmental Cell</i> , 2018, 46, 135-143.	3.1	249
6508	Therapeutic Efficacy of Spherical Aggregated Human Bone Marrow-Derived Mesenchymal Stem Cells Cultured for Osteochondral Defects of Rabbit Knee Joints. <i>American Journal of Sports Medicine</i> , 2018, 46, 2242-2252.	1.9	15
6509	Interleukin 6 Plays a Role in the Migration of Magnetically Levitated Mesenchymal Stem Cells Spheroids. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 412.	1.3	10
6510	Methods of Isolation, Characterization and Expansion of Human Adipose-Derived Stem Cells (ASCs): An Overview. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1897.	1.8	94
6511	Hyaluronan microenvironment enhances cartilage regeneration of human adipose-derived stem cells in a chondral defect model. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 726-740.	3.6	21
6512	Aberrant expression of genes associated with stemness and cancer in endometria and endometrioma in a subset of women with endometriosis. <i>Human Reproduction</i> , 2018, 33, 1924-1938.	0.4	15
6513	Outcome of Allogeneic Adult Stem Cell Therapy in Dogs Suffering from Osteoarthritis and Other Joint Defects. <i>Stem Cells International</i> , 2018, 2018, 1-7.	1.2	57

#	ARTICLE	IF	CITATIONS
6514	Extracellular Vesicles: A New Prospective in Crosstalk between Microenvironment and Stem Cells in Hematological Malignancies. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	47
6515	Therapeutic Use of Stem Cells for Myocardial Infarction. <i>Bioengineering</i> , 2018, 5, 28.	1.6	57
6516	Contribution of microRNAs to the immunosuppressive function of mesenchymal stem cells. <i>Biochimie</i> , 2018, 155, 109-118.	1.3	17
6517	Stem Cell Therapy of Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 32, 124-151.	1.3	10
6518	Detection of endogenously circulating mesenchymal stem cells in human cancer patients. <i>International Journal of Cancer</i> , 2018, 143, 2516-2524.	2.3	6
6519	Bone regeneration strategies: Engineered scaffolds, bioactive molecules and stem cells current stage and future perspectives. <i>Biomaterials</i> , 2018, 180, 143-162.	5.7	605
6520	Beneficial and detrimental impact of transplanted canine adipose-derived stem cells in a virus-induced demyelinating mouse model. <i>Veterinary Immunology and Immunopathology</i> , 2018, 202, 130-140.	0.5	3
6521	The Role of MSCs for Nonsurgical Treatment of OA. , 2018, , 165-175.		0
6522	Therapeutic Effects of Adipose Stem Cells from Diabetic Mice for the Treatment of Type 2 Diabetes. <i>Molecular Therapy</i> , 2018, 26, 1921-1930.	3.7	72
6523	The current state of stem cell therapy for ocular disease. <i>Experimental Eye Research</i> , 2018, 177, 65-75.	1.2	24
6524	<sc>BMSC</sc>s and miRâ€124a ameliorated diabetic nephropathy via inhibiting notch signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4840-4855.	1.6	37
6525	Eph/Ephrin-mediated stimulation of human bone marrow mesenchymal stromal cells correlates with changes in cell adherence and increased cell death. <i>Stem Cell Research and Therapy</i> , 2018, 9, 172.	2.4	13
6526	Gelatin-Methacryloyl (GelMA) Hydrogels with Defined Degree of Functionalization as a Versatile Toolkit for 3D Cell Culture and Extrusion Bioprinting. <i>Bioengineering</i> , 2018, 5, 55.	1.6	241
6527	Mesenchymal Stromal/stem Cell-derived Extracellular Vesicles Promote Human Cartilage Regeneration <i>In Vitro</i>. <i>Theranostics</i> , 2018, 8, 906-920.	4.6	252
6528	Adipose-derived stem cells for treatment of chronic ulcers: current status. <i>Stem Cell Research and Therapy</i> , 2018, 9, 142.	2.4	49
6529	Bone marrow derived mesenchymal stem cells ameliorate inflammatory response in an in vitro model of familial hemophagocytic lymphohistiocytosis 2. <i>Stem Cell Research and Therapy</i> , 2018, 9, 198.	2.4	5
6530	Insulinâ€like growth factor binding protein 4 inhibits proliferation of bone marrow mesenchymal stem cells and enhances growth of neurospheres derived from the stem cells. <i>Cell Biochemistry and Function</i> , 2018, 36, 331-341.	1.4	7
6531	Manufacturing Mesenchymal Stromal Cells for the Treatment of Graft-versus-Host Disease: A Survey among Centers Affiliated with the European Society for Blood and Marrow Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 2365-2370.	2.0	61

#	ARTICLE	IF	CITATIONS
6532	The impact of Mesenchymal Stem Cells and their secretome as a treatment for gliomas. <i>Biochimie</i> , 2018, 155, 59-66.	1.3	19
6533	Platelet lysate induces chondrogenic differentiation of umbilical cord-derived mesenchymal stem cells. <i>Cellular and Molecular Biology Letters</i> , 2018, 23, 11.	2.7	16
6534	Culture of mesenchymal stem cells derived from equine synovial membrane in alginate hydrogel microcapsules. <i>BMC Veterinary Research</i> , 2018, 14, 114.	0.7	19
6535	A biomaterials approach to influence stem cell fate in injectable cell-based therapies. <i>Stem Cell Research and Therapy</i> , 2018, 9, 39.	2.4	28
6536	Strategies to improve the therapeutic effects of mesenchymal stromal cells in respiratory diseases. <i>Stem Cell Research and Therapy</i> , 2018, 9, 45.	2.4	95
6537	Human chorionic plate-derived mesenchymal stem cells transplantation restores ovarian function in a chemotherapy-induced mouse model of premature ovarian failure. <i>Stem Cell Research and Therapy</i> , 2018, 9, 81.	2.4	57
6538	Advances for Treatment of Knee OC Defects. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1059, 3-24.	0.8	3
6539	Mesenchymal stem cells attenuate blood-brain barrier leakage after cerebral ischemia in mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 135.	3.1	80
6540	Automated image analysis detects aging in clinical-grade mesenchymal stromal cell cultures. <i>Stem Cell Research and Therapy</i> , 2018, 9, 6.	2.4	53
6541	Changes in the secretome of tri-dimensional spheroid-cultured human mesenchymal stem cells <i>in vitro</i> by interleukin-1 priming. <i>Stem Cell Research and Therapy</i> , 2018, 9, 11.	2.4	74
6542	High-throughput immunophenotypic characterization of bone marrow- and cord blood-derived mesenchymal stromal cells reveals common and differentially expressed markers: identification of angiotensin-converting enzyme (CD143) as a marker differentially expressed between adult and perinatal tissue sources. <i>Stem Cell Research and Therapy</i> , 2018, 9, 10.	2.4	37
6543	Comprehensive characterization of chorionic villi-derived mesenchymal stromal cells from human placenta. <i>Stem Cell Research and Therapy</i> , 2018, 9, 28.	2.4	38
6544	Interleukin-6/interleukin-6 receptor complex promotes osteogenic differentiation of bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 13.	2.4	81
6545	Mesenchymal stem cells in the osteosarcoma microenvironment: their biological properties, influence on tumor growth, and therapeutic implications. <i>Stem Cell Research and Therapy</i> , 2018, 9, 22.	2.4	95
6546	Platelet lysate as a novel serum-free media supplement for the culture of equine bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 75.	2.4	31
6547	Human platelet lysate in mesenchymal stromal cell expansion according to a GMP grade protocol: a cell factory experience. <i>Stem Cell Research and Therapy</i> , 2018, 9, 124.	2.4	54
6548	Specific markers and properties of synovial mesenchymal stem cells in the surface, stromal, and perivascular regions. <i>Stem Cell Research and Therapy</i> , 2018, 9, 123.	2.4	43
6549	Therapeutic effect of human umbilical cord-derived mesenchymal stem cells on injured rat endometrium during its chronic phase. <i>Stem Cell Research and Therapy</i> , 2018, 9, 36.	2.4	116

#	ARTICLE	IF	CITATIONS
6550	A Comprehensive Review of Stem Cells for Cartilage Regeneration in Osteoarthritis. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1089, 23-36.	0.8	45
6551	Reproductive stage and sex steroid hormone levels influence the expression of mesenchymal stromal cell (MSC) markers in the equine endometrium. <i>Theriogenology</i> , 2018, 116, 34-40.	0.9	3
6552	CPT1C promotes human mesenchymal stem cells survival under glucose deprivation through the modulation of autophagy. <i>Scientific Reports</i> , 2018, 8, 6997.	1.6	28
6553	Relevant biological processes for tissue development with stem cells and their mechanistic modeling: A review. <i>Mathematical Biosciences</i> , 2018, 301, 147-158.	0.9	6
6554	Using Mesenchymal Stromal Cells in Islet Transplantation. <i>Stem Cells Translational Medicine</i> , 2018, 7, 559-563.	1.6	34
6555	Comparative analysis of human Wharton's jelly mesenchymal stem cells derived from different parts of the same umbilical cord. <i>Cell and Tissue Research</i> , 2018, 372, 51-65.	1.5	69
6556	Stanniocalcin-2 contributes to mesenchymal stromal cells attenuating murine contact hypersensitivity mainly via reducing CD8+ Tc1 cells. <i>Cell Death and Disease</i> , 2018, 9, 548.	2.7	20
6557	Repair of articular cartilage defects with intra-articular injection of autologous rabbit synovial fluid-derived mesenchymal stem cells. <i>Journal of Translational Medicine</i> , 2018, 16, 123.	1.8	36
6558	Pulp Regeneration Concepts for Nonvital Teeth: From Tissue Engineering to Clinical Approaches. <i>Tissue Engineering - Part B: Reviews</i> , 2018, 24, 419-442.	2.5	32
6559	Monocyte-derived extracellular vesicles stimulate cytokine secretion and gene expression of matrix metalloproteinases by mesenchymal stem/stromal cells. <i>FEBS Journal</i> , 2018, 285, 2337-2359.	2.2	40
6560	Cell-Based Therapies in Acute Kidney Injury (AKI). <i>Kidney and Blood Pressure Research</i> , 2018, 43, 673-681.	0.9	20
6561	Immune regulatory cell infusion for graft-versus-host disease prevention and therapy. <i>Blood</i> , 2018, 131, 2651-2660.	0.6	113
6562	Dental Pulp Stem Cells - Exploration in a Novel Animal Model: the Tasmanian Devil (<i>Sarcophilus</i>) Tj ETQq0 0 0 rgBT Overlock 10 Tf 50 26	5.6	0
6563	Development of a novel explant culture method for the isolation of mesenchymal stem cells from human breast tumor. <i>Journal of Immunoassay and Immunochemistry</i> , 2018, 39, 207-217.	0.5	4
6564	The olfactory mucosa: a potential source of stem cells for hearing regeneration. <i>Regenerative Medicine</i> , 2018, 13, 581-593.	0.8	23
6565	Mesenchymal stromal cell infusions for acute graft-versus-host disease: Rationale, data, and unanswered questions. <i>Advances in Cell and Gene Therapy</i> , 2018, 1, e14.	0.6	3
6566	Current Applications and Future Prospects of Extracorporeal Shockwave Therapy. <i>Translational Research in Biomedicine</i> , 2018, , 140-157.	0.4	3
6567	Stem Cell Therapy in Heart Diseases - Cell Types, Mechanisms and Improvement Strategies. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2607-2655.	1.1	159

#	ARTICLE	IF	CITATIONS
6568	Cellular responses of periodontal ligament stem cells to a novel synthesized form of calcium hydrogen phosphate with a hydroxyapatite-like surface for periodontal tissue engineering. <i>Journal of Oral Science</i> , 2018, 60, 428-437.	0.7	5
6569	Donor Site Location Is Critical for Proliferation, Stem Cell Capacity, and Osteogenic Differentiation of Adipose Mesenchymal Stem/Stromal Cells: Implications for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1868.	1.8	32
6570	Magnetic-Activated Cell Sorting Strategies to Isolate and Purify Synovial Fluid-Derived Mesenchymal Stem Cells from a Rabbit Model. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
6571	Potential of mesenchymal stromal cells for improving islet transplantation outcomes. <i>Current Opinion in Pharmacology</i> , 2018, 43, 34-39.	1.7	15
6572	Cell therapy induced regeneration of severely atrophied mandibular bone in a clinical trial. <i>Stem Cell Research and Therapy</i> , 2018, 9, 213.	2.4	132
6573	Mesenchymal Stem Cells: Characterization, Properties and Therapeutic Potential. , 2018, , 25-25.		1
6574	Enhancement of osteogenesis using a novel porous hydroxyapatite scaffold in vivo and vitro. <i>Ceramics International</i> , 2018, 44, 21656-21665.	2.3	26
6575	Stem cell therapies for chronic obstructive pulmonary disease: current status of pre-clinical studies and clinical trials. <i>Journal of Thoracic Disease</i> , 2018, 10, 1084-1098.	0.6	45
6576	Selection of Tissue Factor-Deficient Cell Transplants as a Novel Strategy for Improving Hemocompatibility of Human Bone Marrow Stromal Cells. <i>Theranostics</i> , 2018, 8, 1421-1434.	4.6	47
6577	Pathogenetic Characteristics of Mesenchymal Stem Cells in Hidradenitis Suppurativa. <i>JAMA Dermatology</i> , 2018, 154, 1184.	2.0	18
6578	Continuing Challenges in Advancing Preclinical Science in Skeletal Cell-Based Therapies and Tissue Regeneration. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1721-1728.	3.1	7
6579	Bone marrow-derived stem/stromal cells (BMSC) 3D microtissues cultured in BMP-2 supplemented osteogenic induction medium are prone to adipogenesis. <i>Cell and Tissue Research</i> , 2018, 374, 541-553.	1.5	31
6580	Inertial-Based Filtration Method for Removal of Microcarriers from Mesenchymal Stem Cell Suspensions. <i>Scientific Reports</i> , 2018, 8, 12481.	1.6	26
6581	The current status of stem cell therapy in ischemic heart disease. <i>Journal of Cardiac Surgery</i> , 2018, 33, 520-531.	0.3	33
6582	Comparison of the antibacterial effects of a short cationic peptide and 1% silver bioactive glass against extensively drug-resistant bacteria, <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> , isolated from burn patients. <i>Amino Acids</i> , 2018, 50, 1617-1628.	1.2	21
6583	Non-cytotoxic nanomolar concentrations of bisphenol A induce human mesenchymal stem cell adipogenesis and osteogenesis. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 448-454.	2.9	18
6584	Canine mesenchymal stem cells from synovium have a higher chondrogenic potential than those from infrapatellar fat pad, adipose tissue, and bone marrow. <i>PLoS ONE</i> , 2018, 13, e0202922.	1.1	60
6585	The Impact of Morphine on the Characteristics and Function Properties of Human Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 801-811.	5.6	18

#	ARTICLE	IF	CITATIONS
6586	Identification and Characterization of a Stem Cell-Like Population in Bovine Milk: A Potential New Source for Regenerative Medicine in Veterinary. <i>Stem Cells and Development</i> , 2018, 27, 1587-1597.	1.1	20
6587	Concentration-dependent, dual roles of IL-10 in the osteogenesis of human BMSCs via P38/MAPK and NF- κ B signaling pathways. <i>FASEB Journal</i> , 2018, 32, 4917-4929.	0.2	50
6588	Novel preconditioning strategies for enhancing the migratory ability of mesenchymal stem cells in acute kidney injury. <i>Stem Cell Research and Therapy</i> , 2018, 9, 225.	2.4	21
6589	Current status and potential challenges of mesenchymal stem cell-based therapy for malignant gliomas. <i>Stem Cell Research and Therapy</i> , 2018, 9, 228.	2.4	58
6590	Progesterone and cyclic adenosine monophosphate down-regulate CD90 in the stromal cells of human decidua. In vitro evidence and in situ findings. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e13043.	1.2	1
6591	Detecting senescent fate in mesenchymal stem cells: a combined cytofluorimetric and ultrastructural approach. <i>Biogerontology</i> , 2018, 19, 401-414.	2.0	4
6592	Comparing atmospheric and hypoxic cultured mesenchymal stem cell transcriptome: implication for stem cell therapies targeting intervertebral discs. <i>Journal of Translational Medicine</i> , 2018, 16, 222.	1.8	41
6593	Cell Therapy in Idiopathic Pulmonary Fibrosis. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 64.	1.3	17
6594	Reversible secretome and signaling defects in diabetic mesenchymal stem cells from peripheral arterial disease patients. <i>Journal of Vascular Surgery</i> , 2018, 68, 137S-151S.e2.	0.6	6
6595	Neuroprotection and immunomodulation following intraspinal axotomy of motoneurons by treatment with adult mesenchymal stem cells. <i>Journal of Neuroinflammation</i> , 2018, 15, 230.	3.1	38
6596	Preclinical Studies of the Biosafety and Efficacy of Human Bone Marrow Mesenchymal Stem Cells Pre-Seeded into β -TCP Scaffolds after Transplantation. <i>Materials</i> , 2018, 11, 1349.	1.3	7
6597	Targeting proinflammatory cytokines ameliorates calcifying phenotype conversion of vascular progenitors under uremic conditions in vitro. <i>Scientific Reports</i> , 2018, 8, 12087.	1.6	16
6598	Human Mesenchymal Stem Cells Expressing Erythropoietin Enhance Survivability of Retinal Neurons Against Oxidative Stress: An In Vitro Study. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 190.	1.8	12
6599	Multipotent Mesenchymal Stromal Cells From Bone Marrow for Current and Potential Clinical Applications. , 2018, , .		6
6600	From the Clinical Problem to the Basic Research: Co-Culture Models of Osteoblasts and Osteoclasts. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2284.	1.8	33
6601	Nanoparticle delivery to metastatic breast cancer cells by nanoengineered mesenchymal stem cells. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 321-332.	1.5	23
6602	P2Y2 and P2Y6 receptor activation elicits intracellular calcium responses in human adipose-derived mesenchymal stromal cells. <i>Purinergic Signalling</i> , 2018, 14, 371-384.	1.1	11
6603	Treatment of Severe Steroid-Refractory Acute-Graft-vs.-Host Disease With Mesenchymal Stem Cells: Single Center Experience. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 93.	2.0	19

#	ARTICLE	IF	CITATIONS
6604	Stem Cells From the Apical Papilla (SCAP) as a Tool for Endogenous Tissue Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 103.	2.0	84
6605	CTLA-4 Mediates Inhibitory Function of Mesenchymal Stem/Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2312.	1.8	29
6606	Mesenchymal Stem/Stromal Cell-Based Therapy for Heart Failure—What Is the Best Source? <i>Circulation Journal</i> , 2018, 82, 2222-2232.	0.7	25
6607	Human Bone Marrow Mesenchymal Stromal Cells Promote Bone Regeneration in a Xenogeneic Rabbit Model: A Preclinical Study. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	11
6608	Ethical and Safety Issues of Stem Cell-Based Therapy. <i>International Journal of Medical Sciences</i> , 2018, 15, 36-45.	1.1	507
6609	Effect of Mesenchymal Stromal Cells and Conditioned Media on Healing of Skin Wound. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 165, 572-575.	0.3	14
6610	Evaluation of platelet lysate as a substitute for FBS in explant and enzymatic isolation methods of human umbilical cord MSCs. <i>Scientific Reports</i> , 2018, 8, 12439.	1.6	47
6611	The Transplantation of hBM-MSCs Increases Bone Neo-Formation and Preserves Hearing Function in the Treatment of Temporal Bone Defects—on the Experience of Two Month Follow Up. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 860-870.	5.6	10
6612	Increased apoptosis and peripheral blood mononuclear cell suppression of bone marrow mesenchymal stem cells in severe aplastic anemia. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27247.	0.8	13
6613	Characterization of the Cellular Responses of Dental Mesenchymal Stem Cells to the Immune System. <i>Journal of Endodontics</i> , 2018, 44, 1126-1131.	1.4	17
6614	Assessment of the hepatocytic differentiation ability of human skin-derived ABCB5+ stem cells. <i>Experimental Cell Research</i> , 2018, 369, 335-347.	1.2	4
6615	Stem Cell Therapy and Type 1 Diabetes Mellitus: Treatment Strategies and Future Perspectives. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1084, 95-107.	0.8	14
6616	Equine mesenchymal stromal cells from different tissue sources display comparable immune-related gene expression profiles in response to interferon gamma (IFN)- γ . <i>Veterinary Immunology and Immunopathology</i> , 2018, 202, 25-30.	0.5	20
6617	Mesenchymal Stromal Cell Characteristics and Regenerative Potential in Cardiovascular Disease. <i>Cell Transplantation</i> , 2018, 27, 765-785.	1.2	22
6618	Aging of Human Mesenchymal Stem Cells. , 2018, , 975-994.		2
6619	Circular RNA expression profiles are significantly altered in mice bone marrow stromal cells after total body irradiation. <i>Leukemia Research</i> , 2018, 70, 67-73.	0.4	17
6620	Immunoregulatory mechanisms of mesenchymal stem and stromal cells in inflammatory diseases. <i>Nature Reviews Nephrology</i> , 2018, 14, 493-507.	4.1	725
6621	Wharton's jelly-derived mesenchymal cells as a new source for the generation of microtissues for tissue engineering applications. <i>Histochemistry and Cell Biology</i> , 2018, 150, 379-393.	0.8	13

#	ARTICLE	IF	CITATIONS
6622	Fas-L promotes the stem cell potency of adipose-derived mesenchymal cells. <i>Cell Death and Disease</i> , 2018, 9, 695.	2.7	10
6623	Functional Parameters of Physiological Systems of Laboratory Primates after Administration of Doxorubicin and Transplantation of Mesenchymal Stem Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 165, 115-120.	0.3	1
6624	Orthobiologics: Today and Tomorrow. , 2018, , 131-142.		4
6625	Tissue Engineering in Oral and Maxillofacial Surgery: From Lab to Clinics. , 2018, , 103-122.		2
6626	Effects of endurance exercise training on inflammatory circulating progenitor cell content in lean and obese adults. <i>Journal of Physiology</i> , 2018, 596, 2811-2822.	1.3	19
6627	Retrieval of a periodontally compromised tooth by allogeneic grafting of mesenchymal stem cells from dental pulp: A case report. <i>Journal of International Medical Research</i> , 2018, 46, 2983-2993.	0.4	33
6628	Reorganization of <i>interactome</i> chromosomal interactions in the 2q37 deletion syndrome. <i>EMBO Journal</i> , 2018, 37, .	3.5	13
6629	Low-affinity Nerve Growth Factor Receptor (CD271) Heterogeneous Expression in Adult and Fetal Mesenchymal Stromal Cells. <i>Scientific Reports</i> , 2018, 8, 9321.	1.6	55
6630	Therapeutic effects of human mesenchymal stem cell microvesicles in an ex vivo perfused human lung injured with severe <i>E. coli</i> pneumonia. <i>Thorax</i> , 2019, 74, 43-50.	2.7	166
6631	How to influence the mesenchymal stem cells fate? Emerging role of ectoenzymes metabolizing nucleotides. <i>Journal of Cellular Physiology</i> , 2019, 234, 320-334.	2.0	17
6632	Rethinking Regenerative Medicine From a Transplant Perspective (and Vice Versa). <i>Transplantation</i> , 2019, 103, 237-249.	0.5	24
6633	Mesenchymal stem cells and immune disorders: from basic science to clinical transition. <i>Frontiers of Medicine</i> , 2019, 13, 138-151.	1.5	34
6634	Initial cell plating density affects properties of human primary synovial mesenchymal stem cells. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1358-1367.	1.2	14
6635	Clinical and Neurophysiological Changes after Targeted Intrathecal Injections of Bone Marrow Stem Cells in a C3 Tetraplegic Subject. <i>Journal of Neurotrauma</i> , 2019, 36, 500-516.	1.7	17
6636	Cytotoxic Effects of Nonionic Iodinated Contrast Agent on Human Adipose-Derived Mesenchymal Stem Cells. <i>PM and R</i> , 2019, 11, 45-55.	0.9	5
6637	Inducible Caspase9-mediated suicide gene for MSC-based cancer gene therapy. <i>Cancer Gene Therapy</i> , 2019, 26, 11-16.	2.2	45
6638	Extracellular Vesicles: Nature's Own Nanoparticles. , 2019, , 27-48.		5
6639	Adipose mesenchymal stromal cells: Definition, immunomodulatory properties, mechanical isolation and interest for plastic surgery. <i>Annales De Chirurgie Plastique Et Esthetique</i> , 2019, 64, 1-10.	0.2	29

#	ARTICLE	IF	CITATIONS
6640	An allogenic therapeutic strategy for canine spinal cord injury using mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 2705-2718.	2.0	35
6641	Evaluation of Placental Mesenchymal Stem Cell Sheets for Myocardial Repair and Regeneration. <i>Tissue Engineering - Part A</i> , 2019, 25, 867-877.	1.6	13
6642	Multipotent Adult Progenitor Cells. , 2019, , 181-190.		0
6643	Mesenchymal Stem Cells. , 2019, , 205-218.		6
6644	Peripheral Blood Stem Cells. , 2019, , 307-333.		0
6645	Preclinical Bone Repair Models in Regenerative Medicine. , 2019, , 761-767.		7
6646	miRâ€182â€5p overexpression inhibits chondrogenesis by downâ€regulating PTHLH. <i>Cell Biology International</i> , 2019, 43, 222-232.	1.4	18
6647	Effect of culture duration on chondrogenic preconditioning of equine bone marrow mesenchymal stem cells in selfâ€assembling peptide hydrogel. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1368-1375.	1.2	9
6648	Stem cellâ€based therapy for Parkinsonâ€s disease with a focus on human endometriumâ€derived mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 1326-1335.	2.0	32
6649	Successful isolation and ex vivo expansion of human mesenchymal stem/stromal cells obtained from different synovial tissueâ€derived (biopsy) samples. <i>Journal of Cellular Physiology</i> , 2019, 234, 3973-3984.	2.0	16
6650	Adipose tissue-derived mesenchymal stromal cells for clinical application: An efficient isolation approach. <i>Current Research in Translational Medicine</i> , 2019, 67, 20-27.	1.2	14
6651	Suppressive Role of Boron on Adipogenic Differentiation and Fat Deposition in Human Mesenchymal Stem Cells. <i>Biological Trace Element Research</i> , 2019, 188, 384-392.	1.9	24
6652	Adipose-Derived Stem Cells in Aesthetic Surgery. <i>Aesthetic Surgery Journal</i> , 2019, 39, 423-438.	0.9	20
6653	Retrospective analysis of local injection site adverse reactions associated with 230 allogenic administrations of bone marrowâ€derived mesenchymal stem cells in 164 horses. <i>Equine Veterinary Journal</i> , 2019, 51, 198-205.	0.9	27
6654	Restoration of primary cilia in obese adipose-derived mesenchymal stem cells by inhibiting Aurora A or extracellular signal-regulated kinase. <i>Stem Cell Research and Therapy</i> , 2019, 10, 255.	2.4	24
6655	Secretome of Mesenchymal Stem Cells and its Impact on Chronic Obstructive Pulmonary Disease. <i>Stem Cells in Clinical Applications</i> , 2019, , 139-157.	0.4	0
6656	Safety and Biodistribution of Human Bone Marrow-Derived Mesenchymal Stromal Cells Injected Intrathecally in Non-Obese Diabetic Severe Combined Immunodeficiency Mice: Preclinical Study. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 525-538.	1.6	8
6657	Constraints to counting bioluminescence producing cells by a commonly used transgene promoter and its implications for experimental design. <i>Scientific Reports</i> , 2019, 9, 11334.	1.6	5

#	ARTICLE	IF	CITATIONS
6658	Bone Marrow-Derived CD44+Cells Migrate to Tissue-Engineered Constructs via SDF-1/CXCR4/JNK Pathway and Aid Bone Repair. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	11
6659	The effect of culture media on large-scale expansion and characteristic of adipose tissue-derived mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 235.	2.4	55
6660	Mesenchymal Stromal Cell Therapeutic Delivery: Translational Challenges to Clinical Application. <i>Frontiers in Immunology</i> , 2019, 10, 1645.	2.2	205
6661	Scientific Basis for Stem Cell Therapy. , 2019, , 715-726.		0
6662	Regenerative Medicine Procedures for Aesthetic Physicians. , 2019, , 237-243.		0
6663	Omentum a powerful biological source in regenerative surgery. <i>Regenerative Therapy</i> , 2019, 11, 182-191.	1.4	66
6664	Safety and Feasibility of Repeated Intrathecal Allogeneic Bone Marrow-Derived Mesenchymal Stromal Cells in Patients with Neurological Diseases. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	16
6665	Discovery of a CD10-negative B-progenitor in human fetal life identifies unique ontogeny-related developmental programs. <i>Blood</i> , 2019, 134, 1059-1071.	0.6	62
6666	Human umbilical cord mesenchymal stem cells derived-exosomes in diseases treatment. <i>Life Sciences</i> , 2019, 233, 116733.	2.0	135
6667	Renal Injury Repair: How About the Role of Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1165, 661-670.	0.8	12
6668	Therapeutic effect of human umbilical cord blood mesenchymal stem cells combined with G-CSF on rats with acute liver failure. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 670-676.	1.0	9
6669	From 2D to 3D: isolation of mesenchymal stem/stromal cells into a three-dimensional human platelet lysate matrix. <i>Stem Cell Research and Therapy</i> , 2019, 10, 248.	2.4	11
6670	Differentiation of adipose-derived stem cells to functional CD105neg CD73low melanocyte precursors guided by defined culture condition. <i>Stem Cell Research and Therapy</i> , 2019, 10, 249.	2.4	10
6671	The Role of Mesenchymal Stem Cells in Radiation-Induced Lung Fibrosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3876.	1.8	66
6672	Comparison of immunomodulatory properties of exosomes derived from bone marrow mesenchymal stem cells and dental pulp stem cells. <i>Immunologic Research</i> , 2019, 67, 432-442.	1.3	61
6673	Biophysical Characterization and Drug Delivery Potential of Exosomes from Human Wharton's Jelly-Derived Mesenchymal Stem Cells. <i>ACS Omega</i> , 2019, 4, 13143-13152.	1.6	30
6674	Xenogen-free isolation and culture of human adipose mesenchymal stem cells. <i>Stem Cell Research</i> , 2019, 40, 101532.	0.3	9
6675	Radical-functionalized plasma polymers: Stable biomimetic interfaces for bone implant applications. <i>Applied Materials Today</i> , 2019, 16, 456-473.	2.3	37

#	ARTICLE	IF	CITATIONS
6676	Specific concentration of hyaluronan amide derivative induces osteogenic mineralization of human mesenchymal stromal cells: Evidence of <i>RUNX2</i> and <i>COL1A1</i> genes modulation. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2774-2783.	2.1	7
6677	Isolation and Characterization of a Human Fetal Mesenchymal Stem Cell Population: Exploring the Potential for Cell Banking in Wound Healing Therapies. <i>Cell Transplantation</i> , 2019, 28, 1404-1419.	1.2	10
6678	Marker Expression of Interstitial Cells in Human Skeletal Muscle: An Immunohistochemical Study. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 825-844.	1.3	7
6679	Current Status of Stem Cell Transplantation for Autoimmune Diseases. <i>Stem Cells in Clinical Applications</i> , 2019, , 3-25.	0.4	0
6680	Human decellularized dermal matrix seeded with adipose-derived stem cells enhances wound healing in a murine model: Experimental study. <i>Annals of Medicine and Surgery</i> , 2019, 46, 4-11.	0.5	17
6681	Comparison of dissociation capability of papain (<i>Carica papaya</i> L.) and trypsin on rat bone marrow mesenchymal stem cells (rBMSCs) culture (preliminary study). <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
6682	Gaps in the knowledge of human platelet lysate as a cell culture supplement for cell therapy: a joint publication from the AABB and the International Society for Cell & Gene Therapy. <i>Transfusion</i> , 2019, 59, 3448-3460.	0.8	57
6683	Identification and Isolation of Cardiac Fibroblasts From the Adult Mouse Heart Using Two-Color Flow Cytometry. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 105.	1.1	23
6684	Clonal Composition of Human Multipotent Mesenchymal Stromal Cells: Application of Genetic Barcodes in Research. <i>Biochemistry (Moscow)</i> , 2019, 84, 250-262.	0.7	2
6685	Modulation of proliferation and differentiation of gingiva-derived mesenchymal stem cells by concentrated growth factors: Potential implications in tissue engineering for dental regeneration and repair. <i>International Journal of Molecular Medicine</i> , 2019, 44, 37-46.	1.8	25
6686	Comparative Clinical Outcomes After Intra-articular Injection With Adipose-Derived Cultured Stem Cells or Noncultured Stromal Vascular Fraction for the Treatment of Knee Osteoarthritis. <i>American Journal of Sports Medicine</i> , 2019, 47, 2577-2583.	1.9	70
6687	Mesenchymal Stem Cells in Homeostasis and Systemic Diseases: Hypothesis, Evidences, and Therapeutic Opportunities. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3738.	1.8	69
6688	Three-Dimensional Bioprinting: Safety, Ethical, and Regulatory Considerations. , 2019, , 191-203.		4
6689	Preparing for cell culture scale-out: establishing parity of bioreactor- and flask-expanded mesenchymal stromal cell cultures. <i>Journal of Translational Medicine</i> , 2019, 17, 241.	1.8	32
6690	An immortalized cell line derived from renal erythropoietin-producing (REP) cells demonstrates their potential to transform into myofibroblasts. <i>Scientific Reports</i> , 2019, 9, 11254.	1.6	23
6691	Dental Pulp Stem Cells: An Attractive Alternative for Cell Therapy in Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 824.	1.1	65
6693	IFN- γ -tethered hydrogels enhance mesenchymal stem cell-based immunomodulation and promote tissue repair. <i>Biomaterials</i> , 2019, 220, 119403.	5.7	66
6694	Infrapatellar fat pad-derived MSC response to inflammation and fibrosis induces an immunomodulatory phenotype involving CD10-mediated Substance P degradation. <i>Scientific Reports</i> , 2019, 9, 10864.	1.6	39

#	ARTICLE	IF	CITATIONS
6695	Comparison between adult and foetal adnexa derived equine post-natal mesenchymal stem cells. BMC Veterinary Research, 2019, 15, 277.	0.7	11
6696	Chimeric feeders of mesenchymal stromal cells and stromal cells modified with constitutively active AKT expand hematopoietic stem cells. Regenerative Medicine, 2019, 14, 535-553.	0.8	4
6697	Advanced Regenerative Techniques Based on Dental Pulp Stem Cells for the Treatment of Periodontal Disease. , 2019, , .		2
6698	Nomenclature clarification: synovial fibroblasts and synovial mesenchymal stem cells. Stem Cell Research and Therapy, 2019, 10, 260.	2.4	39
6699	Modulating the distribution and fate of exogenously delivered MSCs to enhance therapeutic potential: knowns and unknowns. Intensive Care Medicine Experimental, 2019, 7, 41.	0.9	35
6700	Mesenchymal stem cells preserve their stem cell traits after exposure to antimetabolite chemotherapy. Stem Cell Research, 2019, 40, 101536.	0.3	18
6701	Differentiation Capacity of Human Mesenchymal Stem Cells into Keratocyte Lineage. , 2019, 60, 3013.		34
6702	<p>Strategies to enhance efficacy of SPION-labeled stem cell homing by magnetic attraction: a systemic review with meta-analysis</p>. International Journal of Nanomedicine, 2019, Volume 14, 4849-4866.	3.3	20
6703	Challenges in Clinical Development of Mesenchymal Stromal/Stem Cells: Concise Review. Stem Cells Translational Medicine, 2019, 8, 1135-1148.	1.6	182
6704	Successful Reconstruction of the Right Ventricular Outflow Tract by Implantation of Thymus Stem Cell Engineered Graft in Growing Swine. JACC Basic To Translational Science, 2019, 4, 364-384.	1.9	12
6705	lncRNA-mRNA expression profiles and functional networks of mesenchymal stromal cells involved in monocyte regulation. Stem Cell Research and Therapy, 2019, 10, 207.	2.4	5
6706	Characterization of an umbilical cord blood sourced product suitable for allogeneic applications. Regenerative Medicine, 2019, 14, 769-789.	0.8	4
6707	Tissue Constructs with Human Adipose-Derived Mesenchymal Stem Cells to Treat Bone Defects in Rats. Materials, 2019, 12, 2268.	1.3	22
6708	Pathogenesis of aplastic anemia. Hematology, 2019, 24, 559-566.	0.7	50
6709	<i>In vivo</i> analysis of the presence of heme oxygenaseâ€1, transcription factor Junâ€D and CD90+/CD73+/CD105+/CD45â€ cells in the pulp of bleached teeth. International Endodontic Journal, 2019, 52, 1723-1737.	2.3	10
6710	Luciferase-based reporting of suicide gene activity in murine mesenchymal stem cells. PLoS ONE, 2019, 14, e0220013.	1.1	4
6711	Relationship between senescence in macaques and bone marrow mesenchymal stem cells and the molecular mechanism. Aging, 2019, 11, 590-614.	1.4	7
6712	A Novel Experimental Model to Determine the Axon-Promoting Effects of Grafted Cells After Peripheral Nerve Injury. Frontiers in Cellular Neuroscience, 2019, 13, 280.	1.8	11

#	ARTICLE	IF	CITATIONS
6713	Conditioned Serum Enhances the Chondrogenic and Immunomodulatory Behavior of Mesenchymal Stem Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 699.	1.6	14
6714	Comparison of incremental concentrations of micron-sized superparamagnetic iron oxide for labelling articular cartilage derived chondroprogenitors. <i>Acta Histochemica</i> , 2019, 121, 791-797.	0.9	6
6715	Adipose-Derived Stem/Stromal Cells Recapitulate Aging Biomarkers and Show Reduced Stem Cell Plasticity Affecting Their Adipogenic Differentiation Capacity. <i>Cellular Reprogramming</i> , 2019, 21, 187-199.	0.5	24
6716	AML-derived mesenchymal stem cells upregulate CTGF expression through the BMP pathway and induce K562-ADM fusiform transformation and chemoresistance. <i>Oncology Reports</i> , 2019, 42, 1035-1046.	1.2	4
6717	Influence of glucose and insulin in human adipogenic differentiation models with adipose-derived stem cells.. <i>Adipocyte</i> , 2019, 8, 254-264.	1.3	14
6718	Promoting Osteogenic Differentiation of Human Adipose-Derived Stem Cells by Altering the Expression of Exosomal miRNA. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	47
6719	Characterization of Different Sources of Human MSCs Expanded in Serum-Free Conditions with Quantification of Chondrogenic Induction in 3D. <i>Stem Cells International</i> , 2019, 2019, 1-19.	1.2	35
6720	Atypical Mesenchymal Stromal Cell Responses to Topographic Modifications of Titanium Biomaterials Indicate Cytoskeletal- and Genetic Plasticity-Based Heterogeneity of Cells. <i>Stem Cells International</i> , 2019, 2019, 1-16.	1.2	5
6721	New Insights on Properties and Spatial Distributions of Skeletal Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	5
6722	In vitro Characteristics of Heterogeneous Equine Hoof Progenitor Cell Isolates. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 155.	2.0	8
6723	Immunomodulatory effect of human umbilical cord mesenchymal stem cells on T lymphocytes in rheumatoid arthritis. <i>International Immunopharmacology</i> , 2019, 74, 105687.	1.7	71
6724	Recent trends in peripheral nervous regeneration using 3D biomaterials. <i>Tissue and Cell</i> , 2019, 59, 70-81.	1.0	11
6725	Mesenchymal stem cell homing towards cancer cells is increased by enzyme activity of cathepsin D. <i>Experimental Cell Research</i> , 2019, 383, 111494.	1.2	10
6726	Transplantation of Aggregates of Autologous Synovial Mesenchymal Stem Cells for Treatment of Cartilage Defects in the Femoral Condyle and the Femoral Groove in Microminipigs. <i>American Journal of Sports Medicine</i> , 2019, 47, 2338-2347.	1.9	33
6727	Therapeutic efficacy of different routes of mesenchymal stem cell administration in corneal injury. <i>Ocular Surface</i> , 2019, 17, 729-736.	2.2	49
6728	Adipose-Derived Stem Cells in Cancer Progression: New Perspectives and Opportunities. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3296.	1.8	51
6729	Stem Cell Therapies for Renal Diseases. , 2019, , 127-127.		0
6730	Cryopreservation in 95% serum with 5% DMSO maintains colony formation and chondrogenic abilities in human synovial mesenchymal stem cells. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 316.	0.8	15

#	ARTICLE	IF	CITATIONS
6731	Current understanding of adipose-derived mesenchymal stem cell-based therapies in liver diseases. <i>Stem Cell Research and Therapy</i> , 2019, 10, 199.	2.4	47
6732	Screen-enrich-combine circulating system to prepare MSC/ β -TCP for bone repair in fractures with depressed tibial plateau. <i>Regenerative Medicine</i> , 2019, 14, 555-569.	0.8	15
6733	Autologous cell-coated particles for the treatment of segmental bone defects—a new cell therapy approach. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 198.	0.9	5
6734	Adipose Tissue-Derived Stromal Cells in Matrigel Impact the Regeneration of Severely Damaged Skeletal Muscles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3313.	1.8	10
6735	Mesenchymal Stromal Cells Anno 2019: Dawn of the Therapeutic Era? Concise Review. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1126-1134.	1.6	114
6736	Mapping Distinct Bone Marrow Niche Populations and Their Differentiation Paths. <i>Cell Reports</i> , 2019, 28, 302-311.e5.	2.9	167
6737	Combinatorial targeting of cancer bone metastasis using mRNA engineered stem cells. <i>EBioMedicine</i> , 2019, 45, 39-57.	2.7	18
6738	Tissue specific stem/progenitor cells for cartilage tissue engineering: A systematic review of the literature. <i>Applied Physics Reviews</i> , 2019, 6, 031301.	5.5	15
6739	Animal mesenchymal stem cell research in cartilage regenerative medicine—a review. <i>Veterinary Quarterly</i> , 2019, 39, 95-120.	3.0	19
6740	Emerging Role of Mesenchymal Stromal Cell-Derived Extracellular Vesicles in Pathogenesis of Haematological Malignancies. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	19
6741	Hyaluronic acid promotes osteogenic differentiation of human amniotic mesenchymal stem cells via the TGF- β /Smad signalling pathway. <i>Life Sciences</i> , 2019, 232, 116669.	2.0	30
6742	Cells Involved in Urethral Tissue Engineering: Systematic Review. <i>Cell Transplantation</i> , 2019, 28, 1106-1115.	1.2	17
6743	A Systems-level Characterization of the Differentiation of Human Embryonic Stem Cells into Mesenchymal Stem Cells*[S]. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1950-1966.	2.5	13
6744	Human Placenta-Derived Mesenchymal Stromal Cells: A Review from Basic Research to Clinical Applications. , 0, , .		8
6745	Effects of chlorinated polyfluoroalkyl ether sulfonate in comparison with perfluoroalkyl acids on gene profiles and stemness in human mesenchymal stem cells. <i>Chemosphere</i> , 2019, 237, 124402.	4.2	9
6746	A Review on the Effect of Plant Extract on Mesenchymal Stem Cell Proliferation and Differentiation. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	50
6747	Phenotypic Characterization of Bone Marrow Mononuclear Cells and Derived Stromal Cell Populations from Human Iliac Crest, Vertebral Body and Femoral Head. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3454.	1.8	34
6748	Infusing Mesenchymal Stromal Cells into Porcine Kidneys during Normothermic Machine Perfusion: Intact MSCs Can Be Traced and Localised to Glomeruli. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3607.	1.8	48

#	ARTICLE	IF	CITATIONS
6749	Therapeutic Strategies of Secretome of Mesenchymal Stem Cell. , 0, , .		1
6750	<i>TwinLIFE</i>: The <i>T</i>win <i>L</i>ongitudinal <i>I</i>nvestigation of <i>FE</i>tal Discordance. Twin Research and Human Genetics, 2019, 22, 617-622.	0.3	7
6751	Genetically Engineered-MSCTherapies for Non-unions, Delayed Unions and Critical-size Bone Defects. International Journal of Molecular Sciences, 2019, 20, 3430.	1.8	32
6752	Chitosanâ€based scaffold counteracts hypertrophic and fibrotic markers in chondrogenic differentiated mesenchymal stromal cells. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1896-1911.	1.3	17
6753	Impact of the type of microcarrier and agitation modes on the expansion performances of mesenchymal stem cells derived from umbilical cord. Biotechnology Progress, 2019, 35, e2887.	1.3	19
6754	Injectable PLCL/gelatin core-shell nanofibers support noninvasive 3D delivery of stem cells. International Journal of Pharmaceutics, 2019, 568, 118566.	2.6	11
6755	Stem Cells for Extreme Prematurity. American Journal of Perinatology, 2019, 36, S68-S73.	0.6	8
6756	<p>The regenerative potential of skin and the immune system</p>. Clinical, Cosmetic and Investigational Dermatology, 2019, Volume 12, 519-532.	0.8	29
6757	Use of adult mesenchymal stromal cells in tissue repair: impact of physical exercise. American Journal of Physiology - Cell Physiology, 2019, 317, C642-C654.	2.1	7
6758	Stem Cell-Related Studies and Stem Cell-Based Therapies in Liver Diseases. Cell Transplantation, 2019, 28, 1116-1122.	1.2	9
6759	Apelin enhances the osteogenic differentiation of human bone marrow mesenchymal stem cells partly through Wnt/Î²-catenin signaling pathway. Stem Cell Research and Therapy, 2019, 10, 189.	2.4	40
6760	Adipose-derived cellular and cell-derived regenerative therapies in dermatology and aesthetic rejuvenation. Ageing Research Reviews, 2019, 54, 100933.	5.0	69
6761	Comparison of the Chondrogenic Differentiation Potential of Equine Synovial Membrane-Derived and Bone Marrow-Derived Mesenchymal Stem Cells. Frontiers in Veterinary Science, 2019, 6, 178.	0.9	33
6762	The therapeutic potential of mesenchymal stem cells in lung cancer: benefits, risks and challenges. Cellular Oncology (Dordrecht), 2019, 42, 727-738.	2.1	20
6763	Bone marrow vs Whartonâ€™s jelly mesenchymal stem cells in experimental sepsis: a comparative study. Stem Cell Research and Therapy, 2019, 10, 192.	2.4	39
6764	Norepinephrine Inhibits Synovial Adipose Stem Cell Chondrogenesis via Î±2a-Adrenoceptor-Mediated ERK1/2 Activation. International Journal of Molecular Sciences, 2019, 20, 3127.	1.8	11
6766	Fibroblasts in cancer: Defining target structures for therapeutic intervention. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1872, 111-121.	3.3	14
6767	Osteogenic potential of heterogeneous and CD271-enriched mesenchymal stromal cells cultured on apatite-wollastonite 3D scaffolds. BMC Biomedical Engineering, 2019, 1, 16.	1.7	6

#	ARTICLE	IF	CITATIONS
6768	The Utilization of Freezing Steps in Mesenchymal Stromal Cell (MSC) Manufacturing: Potential Impact on Quality and Cell Functionality Attributes. <i>Frontiers in Immunology</i> , 2019, 10, 1627.	2.2	38
6769	OCT4 Silencing Triggers Its Epigenetic Repression and Impairs the Osteogenic and Adipogenic Differentiation of Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3268.	1.8	8
6770	Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. <i>Cell Stem Cell</i> , 2019, 25, 570-583.e7.	5.2	96
6771	Effects of mineral trioxide aggregate, calcium hydroxide, biodentine and Emdogain on osteogenesis, Odontogenesis, angiogenesis and cell viability of dental pulp stem cells. <i>BMC Oral Health</i> , 2019, 19, 133.	0.8	63
6772	A novel direct co-culture assay analyzed by multicolor flow cytometry reveals context- and cell type-specific immunomodulatory effects of equine mesenchymal stromal cells. <i>PLoS ONE</i> , 2019, 14, e0218949.	1.1	8
6773	Soft culture substrates favor stem-like cellular phenotype and facilitate reprogramming of human mesenchymal stem/stromal cells (hMSCs) through mechanotransduction. <i>Scientific Reports</i> , 2019, 9, 9086.	1.6	82
6774	Shaping the Future of Perinatal Cells: Lessons From the Past and Interpretations of the Present. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 75.	2.0	19
6775	Isolation and Molecular Characterization of Progenitor Cells from Human Umbilical Cord. <i>Methods in Molecular Biology</i> , 2019, 2029, 1-13.	0.4	8
6776	Bone Marrow-Derived Progenitor Cells Mediate Immune Cell Regulation. <i>Methods in Molecular Biology</i> , 2019, 2029, 215-234.	0.4	2
6777	2,4-D causes oxidative stress induction and apoptosis in human dental pulp stem cells (hDPSCs). <i>Environmental Science and Pollution Research</i> , 2019, 26, 26170-26183.	2.7	18
6778	Mesenchymal Stem/Stromal Cell Therapy for Bronchopulmonary Dysplasia in the Neonatal Intensive Care Unit. <i>Current Pediatrics Reports</i> , 2019, 7, 99-106.	1.7	0
6779	SPRY4 is responsible for pathogenesis of adolescent idiopathic scoliosis by contributing to osteogenic differentiation and melatonin response of bone marrow-derived mesenchymal stem cells. <i>Cell Death and Disease</i> , 2019, 10, 805.	2.7	17
6780	Periostin expression and characters of human adipose tissue-derived mesenchymal stromal cells were aberrantly affected by in vitro cultivation. <i>Stem Cell Investigation</i> , 2019, 6, 33-33.	1.3	4
6781	Human Umbilical Vein Endothelial Cells (HUVECs) Co-Culture with Osteogenic Cells: From Molecular Communication to Engineering Prevascularised Bone Grafts. <i>Journal of Clinical Medicine</i> , 2019, 8, 1602.	1.0	66
6782	Novel mesenchymal stem cell delivery system as targeted therapy against neuroblastoma using the TH-MYCN mouse model. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2600-2605.	0.8	9
6783	Comparative In Vitro Evaluation of Antibacterial and Osteogenic Activity of Polysaccharide and Flavonoid Fractions Isolated from the leaves of <i>Saussurea controversa</i> . <i>Molecules</i> , 2019, 24, 3680.	1.7	7
6784	Expansion processes for cell-based therapies. <i>Biotechnology Advances</i> , 2019, 37, 107455.	6.0	15
6785	The application of resveratrol to mesenchymal stromal cell-based regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2019, 10, 307.	2.4	20

#	ARTICLE	IF	CITATIONS
6786	Isolation of umbilical cord mesenchymal stem cells using human blood derivatives accompanied with explant method. <i>Stem Cell Investigation</i> , 2019, 6, 28-28.	1.3	12
6787	Where to Stand with Stromal Cells and Chronic Synovitis in Rheumatoid Arthritis?. <i>Cells</i> , 2019, 8, 1257.	1.8	10
6788	Examining the Potency of Subacromial Bursal Cells as a Potential Augmentation for Rotator Cuff Healing: An In Vitro Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 2978-2988.	1.3	50
6789	Differentiation and plasticity of human vascular wall mesenchymal stem cells, dermal fibroblasts and myofibroblasts: a critical comparison including ultrastructural evaluation of osteogenic potential. <i>Ultrastructural Pathology</i> , 2019, 43, 261-272.	0.4	6
6790	Nuclear shape, protrusive behaviour and in vivo retention of human bone marrow mesenchymal stromal cells is controlled by Lamin-A/C expression. <i>Scientific Reports</i> , 2019, 9, 14401.	1.6	16
6791	Mesenchymal stem versus stromal cells: International Society for Cell & Gene Therapy (ISCT®) Mesenchymal Stromal Cell committee position statement on nomenclature. <i>Cytotherapy</i> , 2019, 21, 1019-1024.	0.3	466
6792	Human Platelet Lysate Sustains the Osteogenic/Adipogenic Differentiation Potential of Adipose-Derived Mesenchymal Stromal Cells and Maintains Their DNA Integrity in vitro. <i>Cells Tissues Organs</i> , 2019, 207, 149-164.	1.3	9
6793	Adipose stem cells in reparative goat mastitis mammary gland. <i>PLoS ONE</i> , 2019, 14, e0223751.	1.1	16
6794	Molecular Characterization of Lipoaspirates Used in Regenerative Head and Neck Surgery. <i>JAMA Facial Plastic Surgery</i> , 2019, 21, 526-534.	2.2	8
6795	Tunable hydrogels for mesenchymal stem cell delivery: Integrin-induced transcriptome alterations and hydrogel optimization for human wound healing. <i>Stem Cells</i> , 2019, 38, 231-245.	1.4	19
6796	Potential therapeutic application of mesenchymal stem cells in ophthalmology. <i>Experimental Eye Research</i> , 2019, 189, 107863.	1.2	24
6797	An efficient protocol to generate placental chorionic plate-derived mesenchymal stem cells with superior proliferative and immunomodulatory properties. <i>Stem Cell Research and Therapy</i> , 2019, 10, 301.	2.4	25
6798	Human iPSC-derived iMSCs improve bone regeneration in mini-pigs. <i>Bone Research</i> , 2019, 7, 32.	5.4	34
6799	Mechanisms Underlying Cell Therapy in Liver Fibrosis: An Overview. <i>Cells</i> , 2019, 8, 1339.	1.8	24
6800	Substantial Overview on Mesenchymal Stem Cell Biological and Physical Properties as an Opportunity in Translational Medicine. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5386.	1.8	22
6801	Bovine pericardium membrane, gingival stem cells, and ascorbic acid: a novel team in regenerative medicine. <i>European Journal of Histochemistry</i> , 2019, 63, .	0.6	13
6802	Human iPSCs can be differentiated into notochordal cells that reduce intervertebral disc degeneration in a porcine model. <i>Theranostics</i> , 2019, 9, 7506-7524.	4.6	56
6803	Fibroblasts in Nodular Sclerosing Classical Hodgkin Lymphoma Are Defined by a Specific Phenotype and Protect Tumor Cells from Brentuximab-Vedotin Induced Injury. <i>Cancers</i> , 2019, 11, 1687.	1.7	12

#	ARTICLE	IF	CITATIONS
6804	Decellularized human amniotic membrane associated with adipose derived mesenchymal stromal cells as a bioscaffold: Physical, histological and molecular analysis. <i>Biochemical Engineering Journal</i> , 2019, 152, 107366.	1.8	14
6805	Cell Therapy – a Basic Science Primer for the Sports Medicine Clinician. <i>Current Reviews in Musculoskeletal Medicine</i> , 2019, 12, 436-445.	1.3	8
6806	Comparison of the Efficacy of Surgical Decompression Alone and Combined With Canine Adipose Tissue-Derived Stem Cell Transplantation in Dogs With Acute Thoracolumbar Disk Disease and Spinal Cord Injury. <i>Frontiers in Veterinary Science</i> , 2019, 6, 383.	0.9	12
6807	The Role of Growth Hormone in Mesenchymal Stem Cell Commitment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5264.	1.8	11
6808	Cytochalasin-B-Inducible Nanovesicle Mimics of Natural Extracellular Vesicles That Are Capable of Nucleic Acid Transfer. <i>Micromachines</i> , 2019, 10, 750.	1.4	20
6809	Perinatal Mesenchymal Stromal Cells and Their Possible Contribution to Fetal-Maternal Tolerance. <i>Cells</i> , 2019, 8, 1401.	1.8	19
6810	Hydrogel scaffolds based on blood plasma cryoprecipitate and collagen derived from various sources: Structural, mechanical and biological characteristics. <i>Bioactive Materials</i> , 2019, 4, 334-345.	8.6	25
6811	Optically Transparent Anionic Nanofibrillar Cellulose Is Cytocompatible with Human Adipose Tissue-Derived Stem Cells and Allows Simple Imaging in 3D. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	12
6812	Targeting the Immune System With Mesenchymal Stromal Cell-Derived Extracellular Vesicles: What Is the Cargo's Mechanism of Action?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 308.	2.0	33
6813	Adult Stem Cells for Bone Regeneration and Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 268.	1.8	146
6814	Co-transplantation of Human Fetal Mesenchymal and Hematopoietic Stem Cells in Type 1 Diabetic Mice Model. <i>Frontiers in Endocrinology</i> , 2019, 10, 761.	1.5	27
6815	Differentiation of Induced Pluripotent Stem Cells towards Mesenchymal Stromal Cells is Hampered by Culture in 3D Hydrogels. <i>Scientific Reports</i> , 2019, 9, 15578.	1.6	20
6816	Influence of the PLGA/gelatin ratio on the physical, chemical and biological properties of electrospun scaffolds for wound dressings. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 045006.	1.7	28
6817	Determining Conditions for Successful Culture of Multi-Cellular 3D Tumour Spheroids to Investigate the Effect of Mesenchymal Stem Cells on Breast Cancer Cell Invasiveness. <i>Bioengineering</i> , 2019, 6, 101.	1.6	11
6818	Stem Cell Therapy for Hepatocellular Carcinoma: Future Perspectives. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1237, 97-119.	0.8	5
6819	The poly (L-lactid-co-glycolide; PLGA) fiber component of brushite-forming calcium phosphate cement induces the osteogenic differentiation of human adipose tissue-derived stem cells. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 055012.	1.7	9
6820	Effects of Human Adipose Tissue-Derived and Umbilical Cord Tissue-Derived Mesenchymal Stem Cells in a Dextran Sulfate Sodium-Induced Mouse Model. <i>BioResearch Open Access</i> , 2019, 8, 185-199.	2.6	17
6821	Subcutaneous and Visceral Adipose-Derived Mesenchymal Stem Cells: Commonality and Diversity. <i>Cells</i> , 2019, 8, 1288.	1.8	36

#	ARTICLE	IF	CITATIONS
6822	Principal Criteria for Evaluating the Quality, Safety and Efficacy of hMSC-Based Products in Clinical Practice: Current Approaches and Challenges. <i>Pharmaceutics</i> , 2019, 11, 552.	2.0	37
6823	Isolation of Mesenchymal Stem Cells From Bone Marrow Aspirate. , 2019, , 137-148.		2
6824	Comparison of gingivaâ€derived and bone marrow mesenchymal stem cells for osteogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7592-7601.	1.6	37
6825	Mesenchymal stem cells for the prevention of bronchopulmonary dysplasia. <i>Pediatrics International</i> , 2019, 61, 945-950.	0.2	27
6826	Aged Osteoporotic Bone Marrow Stromal Cells Demonstrate Defective Recruitment, Mechanosensitivity, and Matrix Deposition. <i>Cells Tissues Organs</i> , 2019, 207, 83-96.	1.3	8
6827	Cushing Syndrome: The Role of MSCs in Wound Healing, Immunosuppression, Comorbidities, and Antioxidant Imbalance. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 227.	1.8	4
6828	Overexpression of anti-fibrotic factors ameliorates anti-fibrotic properties of Wharton's jelly derived mesenchymal stem cells under oxidative damage. <i>BioScience Trends</i> , 2019, 13, 411-422.	1.1	7
6829	Adult Stem Cell Membrane Markers: Their Importance and Critical Role in Their Proliferation and Differentiation Potentials. , 2019, , .		1
6830	Metabolic and proliferation evaluation of human adipose-derived mesenchymal stromal cells (ASC) in different culture medium volumes: standardization of static culture. <i>Biologicals</i> , 2019, 62, 93-101.	0.5	5
6831	Molecular Profiles of Cell-to-Cell Variation in the Regenerative Potential of Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	24
6832	Protection of the Peritoneal Membrane by Peritoneal Dialysis Effluent-Derived Mesenchymal Stromal Cells in a Rat Model of Chronic Peritoneal Dialysis. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	7
6833	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
6834	The Potential Role of Quorum Sensing in Clonal Growth and Subsequent Expansion of Bone Marrow Stromal Cell Strains in Culture. <i>Stem Cells International</i> , 2019, 2019, 1-10.	1.2	1
6835	Serum-Free Culture System for Spontaneous Human Mesenchymal Stem Cell Spheroid Formation. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	11
6836	Injectable mineralized microsphere-loaded composite hydrogels for bone repair in a sheep bone defect model. <i>Biomaterials</i> , 2019, 197, 119-128.	5.7	80
6837	Point-of-Care Procedure for Enhancement of Meniscal Healing in a Goat Model Utilizing Infrapatellar Fat Padâ€Derived Stromal Vascular Fraction Cells Seeded in Photocrosslinkable Hydrogel. <i>American Journal of Sports Medicine</i> , 2019, 47, 3396-3405.	1.9	18
6838	Mesenchymal stem cells therapy in companion animals: useful for immune-mediated diseases?. <i>BMC Veterinary Research</i> , 2019, 15, 358.	0.7	45
6839	Investigation of stemness and multipotency of equine adipose-derived mesenchymal stem cells (ASCs) from different fat sources in comparison with lipoma. <i>Stem Cell Research and Therapy</i> , 2019, 10, 309.	2.4	26

#	ARTICLE	IF	CITATIONS
6840	A Revised Perspective of Skeletal Stem Cell Biology. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 189.	1.8	143
6841	Introduction to the Special Issue on Stem Cell and Biologic Scaffold Engineering. <i>Bioengineering</i> , 2019, 6, 72.	1.6	2
6842	Rat mesenchymal stem cell cultures as a model to elucidate the cellular and molecular pathogenesis of bone metaplasia induced by <i>Solanum glaucophyllum</i> intoxication. <i>Toxicol</i> , 2019, 169, 25-33.	0.8	1
6843	TRAIL-based gene delivery and therapeutic strategies. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1373-1385.	2.8	42
6844	Adipose-Derived Stem Cells from Fat Tissue of Breast Cancer Microenvironment Present Altered Adipogenic Differentiation Capabilities. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	14
6845	Effect of human thymus adipose tissue-derived mesenchymal stem cells on myocardial infarction in rat model. <i>Regenerative Therapy</i> , 2019, 11, 192-198.	1.4	5
6846	Effects of Wharton's jelly-derived mesenchymal stem cells on chronic obstructive pulmonary disease. <i>Regenerative Therapy</i> , 2019, 11, 207-211.	1.4	16
6847	MRTF-A controls myofibroblastic differentiation of human multipotent stromal cells and their tumour-supporting function in xenograft models. <i>Scientific Reports</i> , 2019, 9, 11725.	1.6	27
6848	Adipose Mesenchymal Extracellular Vesicles as Alpha-1-Antitrypsin Physiological Delivery Systems for Lung Regeneration. <i>Cells</i> , 2019, 8, 965.	1.8	48
6849	Fluorescent Nanodiamonds Enable Long-Term Detection of Human Adipose-Derived Stem/Stromal Cells in an In Vivo Chondrogenesis Model Using Decellularized Extracellular Matrices and Fibrin Glue Polymer. <i>Polymers</i> , 2019, 11, 1391.	2.0	8
6850	Alternative Strategies for Stem Cell Osteogenic Differentiation. , 0, , .		0
6851	Applicability of adipose-derived mesenchymal stem cells in treatment of patients with type 2 diabetes. <i>Stem Cell Research and Therapy</i> , 2019, 10, 274.	2.4	63
6852	Examination of Hydrogels and Mesenchymal Stem Cell Sources for Bioprinting of Artificial Osteogenic Tissues. <i>Cellular and Molecular Bioengineering</i> , 2019, 12, 583-597.	1.0	14
6853	Maintenance and Acceleration of Pericellular Matrix Formation within 3D Cartilage Cell Culture Models. <i>Cartilage</i> , 2021, 13, 847S-861S.	1.4	5
6854	RNAi as a tool to inhibit the angiogenic potential of human Mesenchymal Stem/Stromal Cells in malignancy*. , 2019, , .		0
6855	Cellular Magnetic Resonance Imaging with Superparamagnetic Iron Oxide: Methods and Applications in Cancer. <i>Spin</i> , 2019, 09, .	0.6	2
6856	Melanoma cancer stem-like cells: Optimization method for culture, enrichment and maintenance. <i>Tissue and Cell</i> , 2019, 60, 48-59.	1.0	10
6857	NFIC promotes the vitality and osteogenic differentiation of rat dental follicle cells. <i>Journal of Molecular Histology</i> , 2019, 50, 471-482.	1.0	13

#	ARTICLE	IF	CITATIONS
6858	Autophagy drives osteogenic differentiation of human gingival mesenchymal stem cells. <i>Cell Communication and Signaling</i> , 2019, 17, 98.	2.7	66
6859	Harnessing the Properties of Biomaterial to Enhance the Immunomodulation of Mesenchymal Stem Cells. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 492-499.	2.5	43
6860	Optimization and Characterization of Calcium Phosphate Transfection in Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 543-552.	1.1	4
6861	A Comparison of Phenotypic and Functional Properties of Mesenchymal Stromal Cells and Multipotent Adult Progenitor Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1952.	2.2	37
6862	Bismuth-Carboxylate Ligand 1,3,6,8-Tetrakis(<i>p</i> -benzoic acid)pyrene Frameworks, Photophysical Properties, Biological Imaging, and Fluorescent Sensor for Biothiols. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23287-23296.	1.5	29
6863	Mesenchymal Stem Cell Therapy Facilitates Donor Lung Preservation by Reducing Oxidative Damage during Ischemia. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	10
6864	The Role of Extracellular Matrix Expression, ERK1/2 Signaling and Cell Cohesiveness for Cartilage Yield from iPSCs. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4295.	1.8	19
6865	Human Amniotic Membrane as a Matrix for Endothelial Differentiation of VEGF-Treated Dental Stem Cells. <i>Cellular and Molecular Bioengineering</i> , 2019, 12, 599-613.	1.0	4
6866	Enhancing Mesenchymal Stromal Cell Immunomodulation for Treating Conditions Influenced by the Immune System. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	31
6867	Mesenchymal Stem Cell-Derived Extracellular Vesicles Decrease Lung Injury in Mice. <i>Journal of Immunology</i> , 2019, 203, 1961-1972.	0.4	81
6868	Assessment of animal experimental models of toxic liver injury in the context of their potential application as preclinical models for cell therapy. <i>European Journal of Pharmacology</i> , 2019, 861, 172597.	1.7	7
6869	Low-dose photodynamic therapy promotes angiogenic potential and increases immunogenicity of human mesenchymal stromal cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 199, 111596.	1.7	24
6870	Bone marrow mononuclear cells versus mesenchymal stem cells from adipose tissue on bone healing in an Old World primate: can this be extrapolated to humans?. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019, 71, 917-928.	0.1	1
6871	Dasatinib Promotes Chondrogenic Differentiation of Human Mesenchymal Stem Cells via the Src/Hippo-YAP Signaling Pathway. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5255-5265.	2.6	11
6872	Efficacy of 3D Culture Priming is Maintained in Human Mesenchymal Stem Cells after Extensive Expansion of the Cells. <i>Cells</i> , 2019, 8, 1031.	1.8	20
6873	Primary human testicular PDGFR α + cells are multipotent and can be differentiated into cells with Leydig cell characteristics in vitro. <i>Human Reproduction</i> , 2019, 34, 1621-1631.	0.4	19
6874	Meta-analysis of preclinical studies of mesenchymal stromal cells to treat rheumatoid arthritis. <i>EBioMedicine</i> , 2019, 47, 563-577.	2.7	32
6875	Phase I/II Study of Safety and Preliminary Efficacy of Intravenous Allogeneic Mesenchymal Stem Cells in Chronic Stroke. <i>Stroke</i> , 2019, 50, 2835-2841.	1.0	123

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6876	Interstitial cells in calcified aortic valves have reduced differentiation potential and stem cell-like properties. <i>Scientific Reports</i> , 2019, 9, 12934.	1.6	30
6877	Umbilical cord-derived mesenchymal stromal cells in cardiovascular disease: review of preclinical and clinical data. <i>Cytotherapy</i> , 2019, 21, 1007-1018.	0.3	16
6878	DNA methylation profile of different clones of human adipose stem cells does not allow to predict their differentiation potential. <i>Journal of Histotechnology</i> , 2019, 42, 183-192.	0.2	2
6879	Increased proliferation and altered cell cycle regulation in pancreatic stem cells derived from patients with congenital hyperinsulinism. <i>PLoS ONE</i> , 2019, 14, e0222350.	1.1	2
6880	Delay of cell growth and loss of stemness by inhibition of reverse transcription in human mesenchymal stem cells derived from dental tissue. <i>Animal Cells and Systems</i> , 2019, 23, 335-345.	0.8	4
6881	Intracerebral Injection of Extracellular Vesicles from Mesenchymal Stem Cells Exerts Reduced A β 2 Plaque Burden in Early Stages of a Preclinical Model of Alzheimer's Disease. <i>Cells</i> , 2019, 8, 1059.	1.8	80
6882	New Perspectives in Liver Transplantation: From Regeneration to Bioengineering. <i>Bioengineering</i> , 2019, 6, 81.	1.6	19
6883	Activated stromal cells transfer mitochondria to rescue acute lymphoblastic leukemia cells from oxidative stress. <i>Blood</i> , 2019, 134, 1415-1429.	0.6	148
6884	Connexin43 is Dispensable for Early Stage Human Mesenchymal Stem Cell Adipogenic Differentiation But is Protective against Cell Senescence. <i>Biomolecules</i> , 2019, 9, 474.	1.8	12
6886	Hypoxia conditioning enhances neuroprotective effects of aged human bone marrow mesenchymal stem cell-derived conditioned medium against cerebral ischemia in vitro. <i>Brain Research</i> , 2019, 1725, 146432.	1.1	36
6887	Osteogenic Differentiation and Biocompatibility of Bovine Teeth Scaffold with Rat Adipose-derived Mesenchymal Stem Cells. <i>European Journal of Dentistry</i> , 2019, 13, 206-212.	0.8	19
6888	Insights into the Secretome of Mesenchymal Stem Cells and Its Potential Applications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4597.	1.8	188
6889	Nanofibrillar cellulose wound dressing supports the growth and characteristics of human mesenchymal stem/stromal cells without cell adhesion coatings. <i>Stem Cell Research and Therapy</i> , 2019, 10, 292.	2.4	21
6890	Thrombogenic Risk Induced by Intravascular Mesenchymal Stem Cell Therapy: Current Status and Future Perspectives. <i>Cells</i> , 2019, 8, 1160.	1.8	78
6891	Enhancement of therapeutic potential of mesenchymal stem cell-derived extracellular vesicles. <i>Stem Cell Research and Therapy</i> , 2019, 10, 288.	2.4	169
6892	Noncoding RNAs: new insights into the odontogenic differentiation of dental tissue-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 297.	2.4	26
6893	Age-Related Alterations Affecting the Chondrogenic Differentiation of Synovial Fluid Mesenchymal Stromal Cells in an Equine Model. <i>Cells</i> , 2019, 8, 1116.	1.8	19
6894	Mesenchymal Stem Cells in the Adult Human Liver: Hype or Hope?. <i>Cells</i> , 2019, 8, 1127.	1.8	34

#	ARTICLE	IF	CITATIONS
6895	An overview on small molecule-induced differentiation of mesenchymal stem cells into beta cells for diabetic therapy. <i>Stem Cell Research and Therapy</i> , 2019, 10, 293.	2.4	28
6896	Oncological Risk in Autologous Stem Cell Donation for Novel Tissue-Engineering Approaches to Postmastectomy Breast Regeneration. <i>Breast Cancer: Basic and Clinical Research</i> , 2019, 13, 117822341986489.	0.6	2
6897	Umbilical cord as a long-term source of activatable mesenchymal stromal cells for immunomodulation. <i>Stem Cell Research and Therapy</i> , 2019, 10, 285.	2.4	25
6898	Human induced pluripotent stem cell-derived mesenchymal stem cells promote healing via TNF- α -stimulated gene-6 in inflammatory bowel disease models. <i>Cell Death and Disease</i> , 2019, 10, 718.	2.7	51
6899	Transplanted spleen stromal cells with osteogenic potential support ectopic myelopoiesis. <i>PLoS ONE</i> , 2019, 14, e0223416.	1.1	8
6900	The role of biologic agents in the management of common shoulder pathologies: current state and future directions. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 2041-2052.	1.2	35
6901	The Tumor-Immune Response Is Not Compromised by Mesenchymal Stromal Cells in Humanized Mice. <i>Journal of Immunology</i> , 2019, 203, 2735-2745.	0.4	9
6902	The biological response of mesenchymal stromal cells to thymol and carvacrol in comparison to their essential oil: An innovative new study. <i>Food and Chemical Toxicology</i> , 2019, 134, 110844.	1.8	11
6903	The Role of Autologous Dermal Micrografts in Regenerative Surgery: A Clinical Experimental Study. <i>Stem Cells International</i> , 2019, 2019, 1-8.	1.2	11
6904	<p>Muscone Promotes The Adipogenic Differentiation Of Human Gingival Mesenchymal Stem Cells By Inhibiting The Wnt/ β -Catenin Signaling Pathway</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 3291-3306.	2.0	10
6905	Endosomal signalling via exosome surface TGF β 1. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1650458.	5.5	112
6906	CD34+ Stem Cells: Promising Roles in Cardiac Repair and Regeneration. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1311-1321.	0.8	23
6907	Gold nanoparticle coatings as efficient adenovirus carriers to non-infectable stem cells. <i>RSC Advances</i> , 2019, 9, 1327-1334.	1.7	10
6908	Soluble matrix protein is a potent modulator of mesenchymal stem cell performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2042-2051.	3.3	45
6909	Mesenchymal stem cells in psoriatic lesions affect the skin microenvironment through circular <sc>RNA</sc>. <i>Experimental Dermatology</i> , 2019, 28, 292-299.	1.4	26
6910	Clinically Relevant Solution for the Hypothermic Storage and Transportation of Human Multipotent Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	24
6911	Cerebrospinal fluid from Alzheimerâ€™s disease patients as an optimal formulation for therapeutic application of mesenchymal stem cells in Alzheimerâ€™s disease. <i>Scientific Reports</i> , 2019, 9, 564.	1.6	15
6912	Potential use of silkworm gut fiber braids as scaffolds for tendon and ligament tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2209-2215.	1.6	17

#	ARTICLE	IF	CITATIONS
6913	Progress in the application of exosomes as therapeutic vectors in tumor-targeted therapy. <i>Cytotherapy</i> , 2019, 21, 509-524.	0.3	24
6914	Manufacturing of primed mesenchymal stromal cells for therapy. <i>Nature Biomedical Engineering</i> , 2019, 3, 90-104.	11.6	245
6915	Applications of mesenchymal stem cell technology in bovine species. <i>Stem Cell Research and Therapy</i> , 2019, 10, 44.	2.4	38
6916	Controversies in regenerative medicine: Should intervertebral disc degeneration be treated with mesenchymal stem cells?. <i>JOR Spine</i> , 2019, 2, e1043.	1.5	74
6917	Refined assessment of the impact of cell shape on human mesenchymal stem cell differentiation in 3D contexts. <i>Acta Biomaterialia</i> , 2019, 87, 166-176.	4.1	10
6918	Safe enzymatic isolation and expansion of mesenchymal stromal cells from cryopreserved umbilical cord tissue. <i>Journal of Cellular Biotechnology</i> , 2019, 4, 51-56.	0.1	2
6919	Cell Therapy for Heart Disease: Ready for Prime Time or Lost in Translation?. , 2019, , 355-376.		0
6920	Intravascular Mesenchymal Stromal/Stem Cell Therapy Product Diversification: Time for New Clinical Guidelines. <i>Trends in Molecular Medicine</i> , 2019, 25, 149-163.	3.5	288
6921	Mesenchymal stromal cells as treatment or prophylaxis for acute or chronic graft-versus-host disease in haematopoietic stem cell transplant (HSCT) recipients with a haematological condition. <i>The Cochrane Library</i> , 2019, 2019, CD009768.	1.5	56
6922	Mouse <i>Wnt1-CRE</i> - <i>Rosa</i> - <i>Tomato</i> Dental Pulp Stem Cells Directly Contribute to the Calvarial Bone Regeneration Process. <i>Stem Cells</i> , 2019, 37, 701-711.	1.4	22
6923	Probing primary mesenchymal stem cells differentiation status by micro-Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 384-390.	2.0	9
6924	Canonical WNT Signaling Pathway is Altered in Mesenchymal Stromal Cells From Acute Myeloid Leukemia Patients And Is Implicated in BMP4 Down-Regulation. <i>Translational Oncology</i> , 2019, 12, 614-625.	1.7	9
6925	The palladacycle complex AJ-5 induces apoptotic cell death while reducing autophagic flux in rhabdomyosarcoma cells. <i>Cell Death Discovery</i> , 2019, 5, 60.	2.0	11
6926	Current and Future Perspectives on Skin Tissue Engineering: Key Features of Biomedical Research, Translational Assessment, and Clinical Application. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801471.	3.9	131
6927	Histological, immunohistochemical, and genomic evaluation of excisional and diabetic wounds treated with human Wharton's jelly stem cells with and without a nanocarrier. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11222-11240.	1.2	7
6928	Alterations in multipotent mesenchymal stromal cells from the bone marrow of acute myeloid leukemia patients at diagnosis and during treatment. <i>Leukemia and Lymphoma</i> , 2019, 60, 2042-2049.	0.6	0
6929	Comparison of phenotypic markers and neural differentiation potential of human bone marrow stromal cells from the cranial bone and iliac crest. <i>Journal of Cellular Physiology</i> , 2019, 234, 15235-15242.	2.0	5
6930	Biological effects of acid-eroded MTA Repair HP and ProRoot MTA on human periodontal ligament stem cells. <i>Clinical Oral Investigations</i> , 2019, 23, 3915-3924.	1.4	16

#	ARTICLE	IF	CITATIONS
6931	Inflammation-induced glycolytic switch controls suppressivity of mesenchymal stem cells via STAT1 glycosylation. <i>Leukemia</i> , 2019, 33, 1783-1796.	3.3	54
6932	Stem cell exosomes inhibit angiogenesis and tumor growth of oral squamous cell carcinoma. <i>Scientific Reports</i> , 2019, 9, 663.	1.6	98
6933	Nucleic acid delivery to mesenchymal stem cells: a review of nonviral methods and applications. <i>Journal of Biological Engineering</i> , 2019, 13, 7.	2.0	76
6934	Mesenchymal Stem Cells from Chronic Pancreatitis Patients Show Comparable Potency Compared to Cells from Healthy Donors. <i>Stem Cells Translational Medicine</i> , 2019, 8, 418-429.	1.6	8
6935	Impact of Diabetes Mellitus on Human Mesenchymal Stromal Cell Biology and Functionality: Implications for Autologous Transplantation. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 194-217.	5.6	35
6936	Metabolic Syndrome Interferes with Packaging of Proteins within Porcine Mesenchymal Stem Cell-Derived Extracellular Vesicles. <i>Stem Cells Translational Medicine</i> , 2019, 8, 430-440.	1.6	24
6937	Innovative Biomaterials for Bone Regrowth. <i>International Journal of Molecular Sciences</i> , 2019, 20, 618.	1.8	110
6938	Stable Genetic Modification of Mesenchymal Stromal Cells Using Lentiviral Vectors. <i>Methods in Molecular Biology</i> , 2019, 1937, 267-280.	0.4	11
6939	Transcriptome Analysis of Mesenchymal Stem Cells from Multiple Myeloma Patients Reveals Downregulation of Genes Involved in Cell Cycle Progression, Immune Response, and Bone Metabolism. <i>Scientific Reports</i> , 2019, 9, 1056.	1.6	28
6940	Advances of tooth-derived stem cells in neural diseases treatments and nerve tissue regeneration. <i>Cell Proliferation</i> , 2019, 52, e12572.	2.4	39
6941	Comparative adhesive and migratory properties of mesenchymal stem cells from different tissues. <i>Biorheology</i> , 2019, 56, 15-30.	1.2	14
6942	Nomenclature Inconsistency and Selective Outcome Reporting Hinder Understanding of Stem Cell Therapy for the Knee. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 186-195.	1.4	23
6943	Transected Tendon Treated with a New Fibrin Sealant Alone or Associated with Adipose-Derived Stem Cells. <i>Cells</i> , 2019, 8, 56.	1.8	22
6944	Xenotransplantation of human dental pulp stem cells in platelet-rich plasma for the treatment of full-thickness articular cartilage defects in a rabbit model. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 4344-4356.	0.8	8
6945	Physical exercise and human adipose-derived mesenchymal stem cells ameliorate motor disturbances in a male rat model of Parkinson's disease. <i>Journal of Neuroscience Research</i> , 2019, 97, 1095-1109.	1.3	9
6946	Mesenchymal Stromal Cell Homing: Mechanisms and Strategies for Improvement. <i>IScience</i> , 2019, 15, 421-438.	1.9	299
6947	Compliance with Good Manufacturing Practice in the Assessment of Immunomodulation Potential of Clinical Grade Multipotent Mesenchymal Stromal Cells Derived from Wharton's Jelly. <i>Cells</i> , 2019, 8, 484.	1.8	25
6948	Stem-cell therapy for hearing loss: are we there yet?. <i>Brazilian Journal of Otorhinolaryngology</i> , 2019, 85, 520-529.	0.4	15

#	ARTICLE	IF	CITATIONS
6949	7-Ketocholesterol Promotes Oxiapoptophagy in Bone Marrow Mesenchymal Stem Cell from Patients with Acute Myeloid Leukemia. <i>Cells</i> , 2019, 8, 482.	1.8	20
6950	Asperosaponin VI stimulates osteogenic differentiation of rat adipose-derived stem cells. <i>Regenerative Therapy</i> , 2019, 11, 17-24.	1.4	19
6951	Thrombin Preconditioning Boosts Biogenesis of Extracellular Vesicles from Mesenchymal Stem Cells and Enriches Their Cargo Contents via Protease-Activated Receptor-Mediated Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2899.	1.8	22
6952	Regenerative medicine: the red planet for clinicians. <i>Internal and Emergency Medicine</i> , 2019, 14, 911-921.	1.0	19
6953	CD14 dictates differential activation of mesenchymal stromal cells through AKT, NF- κ B and P38 signals. <i>Bioscience Reports</i> , 2019, 39, .	1.1	7
6954	Isolation, Expansion, and Characterization of Whartonâ€™s Jelly-Derived Mesenchymal Stromal Cell: Method to Identify Functional Passages for Experiments. <i>Methods in Molecular Biology</i> , 2019, 2045, 323-335.	0.4	1
6955	Advances in stem cell research and therapeutic development. <i>Nature Cell Biology</i> , 2019, 21, 801-811.	4.6	158
6956	Mechanical Stress Modulates the RANKL/OPG System of Periodontal Ligament Stem Cells via $\alpha 7$ nAChR in Human Deciduous Teeth: An In Vitro Study. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	7
6957	HLA-DR expression in clinical-grade bone marrow-derived multipotent mesenchymal stromal cells: a two-site study. <i>Stem Cell Research and Therapy</i> , 2019, 10, 164.	2.4	38
6958	Mesenchymal stem cell therapy for the treatment of traumatic brain injury: progress and prospects. <i>Reviews in the Neurosciences</i> , 2019, 30, 839-855.	1.4	78
6959	In vitro toxicity screening of magnetite nanoparticles by applying mesenchymal stem cells derived from human umbilical cord lining. <i>Journal of Applied Toxicology</i> , 2019, 39, 1320-1336.	1.4	16
6960	Transplantation of stem cells from umbilical cord blood as therapy for type I diabetes. <i>Cell and Tissue Research</i> , 2019, 378, 155-162.	1.5	22
6961	Mesenchymal Stem Cells and Cancer: Clinical Challenges and Opportunities. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	107
6962	Systemically transplanted mesenchymal stem cells induce vascular-like structure formation in a rat model of vaginal injury. <i>PLoS ONE</i> , 2019, 14, e0218081.	1.1	15
6963	Banking Mesenchymal Stromal Cells from Umbilical Cord Tissue: Large Sample Size Analysis Reveals Consistency Between Donors. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1041-1054.	1.6	16
6964	Mesenchymal stem cells: Cell therapy and regeneration potential. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1738-1755.	1.3	366
6965	Evaluation of Proliferation and Osteogenic Differentiation of Human Umbilical Cord-Derived Mesenchymal Stem Cells in Porous Scaffolds. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1084, 207-220.	0.8	9
6966	Stem Cells: Umbilical Cord/Whartonâ€™s Jelly Derived. , 2019, , 1-28.		7

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6967	Extracellular matrix derived by human umbilical cord-deposited mesenchymal stem cells accelerates chondrocyte proliferation and differentiation potential in vitro. <i>Cell and Tissue Banking</i> , 2019, 20, 351-365.	0.5	12
6968	Transplantation of human endometrial perivascular cells with elevated CYR61 expression induces angiogenesis and promotes repair of a full-thickness uterine injury in rat. <i>Stem Cell Research and Therapy</i> , 2019, 10, 179.	2.4	32
6969	Mechanical and Enzymatic Procedures to Isolate the Stromal Vascular Fraction From Adipose Tissue: Preliminary Results. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 88.	1.8	45
6970	Current Trends and Future Perspective of Mesenchymal Stem Cells and Exosomes in Corneal Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2853.	1.8	68
6971	Concise Review: Adipose-Derived Stem Cells (ASCs) and Adipocyte-Secreted Exosomal microRNA (A-SE-miR) Modulate Cancer Growth and proMote Wound Repair. <i>Journal of Clinical Medicine</i> , 2019, 8, 855.	1.0	106
6972	A Retrospective Analysis of Safety and Efficacy of Wharton's Jelly Stem Cell Administration in Children with Spina Bifida. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 717-729.	1.7	7
6973	Nomenclature and heterogeneity: consequences for the use of mesenchymal stem cells in regenerative medicine. <i>Regenerative Medicine</i> , 2019, 14, 595-611.	0.8	64
6974	COL4A2 in the tissue-specific extracellular matrix plays important role on osteogenic differentiation of periodontal ligament stem cells. <i>Theranostics</i> , 2019, 9, 4265-4286.	4.6	50
6975	Survival of human dental pulp cells after 4-week culture in human tooth model. <i>Journal of Dentistry</i> , 2019, 86, 33-40.	1.7	15
6976	Molecular phenotyping of the surfaceome of migratory chondroprogenitors and mesenchymal stem cells using biotinylation, glyco-capture and quantitative LC-MS/MS proteomic analysis. <i>Scientific Reports</i> , 2019, 9, 9018.	1.6	24
6977	Enhanced Hepatogenic Differentiation of Human Wharton's Jelly-Derived Mesenchymal Stem Cells by Using Three-Step Protocol. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3016.	1.8	11
6978	Alteration of Hypoxia-Associated Gene Expression in Replicatively Senescent Mesenchymal Stromal Cells under Physiological Oxygen Level. <i>Biochemistry (Moscow)</i> , 2019, 84, 263-271.	0.7	12
6979	Pooling of Patient-Derived Mesenchymal Stromal Cells Reduces Inter-Individual Confounder-Associated Variation without Negative Impact on Cell Viability, Proliferation and Osteogenic Differentiation. <i>Cells</i> , 2019, 8, 633.	1.8	51
6980	Mesenchymal Stem Cells or Interleukin-6 Improve Episodic Memory of Mice Lacking $\hat{\pm}7$ Nicotinic Acetylcholine Receptors. <i>Neuroscience</i> , 2019, 413, 31-44.	1.1	9
6981	Dynamic adaptation of mesenchymal stem cell physiology upon exposure to surface micropatterns. <i>Scientific Reports</i> , 2019, 9, 9099.	1.6	36
6982	Aptamer-Functionalized Bioscaffold Enhances Cartilage Repair by Improving Stem Cell Recruitment in Osteochondral Defects of Rabbit Knees. <i>American Journal of Sports Medicine</i> , 2019, 47, 2316-2326.	1.9	49
6983	Cost-Effective, Safe, and Personalized Cell Therapy for Critical Limb Ischemia in Type 2 Diabetes Mellitus. <i>Frontiers in Immunology</i> , 2019, 10, 1151.	2.2	52
6984	Mesenchymal Stromal Cells for Transplant Tolerance. <i>Frontiers in Immunology</i> , 2019, 10, 1287.	2.2	54

#	ARTICLE	IF	CITATIONS
6985	Immunophenotyping of a Stromal Vascular Fraction from Microfragmented Lipoaspirate Used in Osteoarthritis Cartilage Treatment and Its Lipoaspirate Counterpart. <i>Genes</i> , 2019, 10, 474.	1.0	25
6986	Adipose Tissue Stem Cells for Therapy: An Update on the Progress of Isolation, Culture, Storage, and Clinical Application. <i>Journal of Clinical Medicine</i> , 2019, 8, 917.	1.0	106
6987	Strategies for elevating hematopoietic stem cells expansion and engraftment capacity. <i>Life Sciences</i> , 2019, 232, 116598.	2.0	23
6988	Multiplicity of Mesenchymal Stromal Cells: Finding the Right Route to Therapy. <i>Frontiers in Immunology</i> , 2019, 10, 1112.	2.2	90
6989	Olfactory mucosa stem cells: An available candidate for the treatment of the Parkinson's disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 23763-23773.	2.0	36
6990	Manufacturing mesenchymal stromal cells for clinical applications: A survey of Good Manufacturing Practices at U.S. academic centers. <i>Cytotherapy</i> , 2019, 21, 782-792.	0.3	54
6991	The role of magnesium ions in bone regeneration involves the canonical Wnt signaling pathway. <i>Acta Biomaterialia</i> , 2019, 98, 246-255.	4.1	101
6992	Analysis of lacrimal gland derived mesenchymal stem cell secretome and its impact on epithelial cell survival. <i>Stem Cell Research</i> , 2019, 38, 101477.	0.3	15
6993	Emergent heterogeneity in putative mesenchymal stem cell colonies: Single-cell time lapsed analysis. <i>PLoS ONE</i> , 2019, 14, e0213452.	1.1	27
6994	Mesenchymal Stromal Cells Modulate Corneal Alloimmunity via Secretion of Hepatocyte Growth Factor. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1030-1040.	1.6	25
6995	Mesenchymal stem cells in dogs with demyelinating leukoencephalitis as an experimental model of multiple sclerosis. <i>Heliyon</i> , 2019, 5, e01857.	1.4	7
6996	Human platelet lysate as an alternative to fetal bovine serum for culture and endothelial differentiation of human amniotic fluid mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2019, 19, 5123-5132.	1.1	17
6997	Skeletal-muscle-derived mesenchymal stem/stromal cells from patients with osteoarthritis show superior biological properties compared to bone-derived cells. <i>Stem Cell Research</i> , 2019, 38, 101465.	0.3	25
6998	Comparison of diffusion, cytotoxicity and tissue inflammatory reactions of four commercial bleaching products against human dental pulp stem cells. <i>Scientific Reports</i> , 2019, 9, 7743.	1.6	21
6999	Enabling mesenchymal stromal cell immunomodulatory analysis using scalable platforms. <i>Integrative Biology (United Kingdom)</i> , 2019, 11, 154-162.	0.6	3
7000	Nature vs. Nurture: Defining the Effects of Mesenchymal Stromal Cell Isolation and Culture Conditions on Resiliency to Palmitate Challenge. <i>Frontiers in Immunology</i> , 2019, 10, 1080.	2.2	21
7001	Adult Stem Cell Functioning in the Tumor Micro-Environment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2566.	1.8	19
7002	Knockdown of NANOG Reduces Cell Proliferation and Induces G0/G1 Cell Cycle Arrest in Human Adipose Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2580.	1.8	11

#	ARTICLE	IF	CITATIONS
7003	Is Stem Cell Commerce in Small Animal Therapies Scientifically and Morally Justified?. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 506-518.	5.6	1
7004	Osteogenic differentiation of human bone marrow-derived mesenchymal stem cells is enhanced by an aragonite scaffold. <i>Differentiation</i> , 2019, 107, 24-34.	1.0	45
7005	Translation of a standardized manufacturing protocol for mesenchymal stromal cells: A systematic comparison of validation and manufacturing data. <i>Cytotherapy</i> , 2019, 21, 468-482.	0.3	33
7006	Magnetically actuated microrobots as a platform for stem cell transplantation. <i>Science Robotics</i> , 2019, 4, .	9.9	247
7007	Regenerative Capacity of Adipose Derived Stem Cells (ADSCs), Comparison with Mesenchymal Stem Cells (MSCs). <i>International Journal of Molecular Sciences</i> , 2019, 20, 2523.	1.8	251
7008	Identification of senescent cells in multipotent mesenchymal stromal cell cultures: Current methods and future directions. <i>Cytotherapy</i> , 2019, 21, 803-819.	0.3	28
7009	Production of a Double-Layer Scaffold for the "On-Demand" Release of Fibroblast-like Limbal Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22206-22217.	4.0	6
7010	Mesenchymal stem cells for sensorineural hearing loss: protocol for a systematic review of preclinical studies. <i>Systematic Reviews</i> , 2019, 8, 126.	2.5	7
7011	Pericytes in Atherosclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1147, 279-297.	0.8	16
7012	Constructing an Isogenic 3D Human Nephrogenic Progenitor Cell Model Composed of Endothelial, Mesenchymal, and SIX2-Positive Renal Progenitor Cells. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	2
7013	Formation of Î³H2AX and pATM Foci in Human Mesenchymal Stem Cells Exposed to Low Dose-Rate Gamma-Radiation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2645.	1.8	33
7014	Synovium-Derived Mesenchymal Stem/Stromal Cells and their Promise for Cartilage Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1212, 87-106.	0.8	8
7015	A Preview of Selected Articles. <i>Stem Cells</i> , 2019, 37, 713-715.	1.4	0
7016	Common Challenges in Tissue Regeneration. , 2019, , 217-229.		3
7017	Cultured cell-derived extracellular matrices to enhance the osteogenic differentiation and angiogenic properties of human mesenchymal stem/stromal cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1544-1558.	1.3	45
7018	Biodistribution of gadolinium- and near infrared-labeled human umbilical cord mesenchymal stromal cell-derived exosomes in tumor bearing mice. <i>Theranostics</i> , 2019, 9, 2325-2345.	4.6	93
7019	Early Developmental Zebrafish Embryo Extract to Modulate Senescence in Multisource Human Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2646.	1.8	4
7020	NMDA receptor activation inhibits the protective effect of BM-MSCs on bleomycin-induced lung epithelial cell damage by inhibiting ERK signaling and the paracrine factor HGF. <i>International Journal of Molecular Medicine</i> , 2019, 44, 227-239.	1.8	7

#	ARTICLE	IF	CITATIONS
7021	Application of mesenchymal stem cell therapy for the treatment of osteoarthritis of the knee: A concise review. <i>World Journal of Stem Cells</i> , 2019, 11, 222-235.	1.3	70
7022	Modulation of tumor stem cell characteristics by 17 β -estradiol in human mesenchymal stem cells derived from ovarian endometrioma. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019, 58, 338-344.	0.5	5
7023	Biomarker expression related to chondromatosis in the temporomandibular joint. <i>Cranio - Journal of Craniomandibular Practice</i> , 2021, 39, 362-366.	0.6	3
7024	Apelin and stem cells: the role played in the cardiovascular system and energy metabolism. <i>Cell Biology International</i> , 2019, 43, 1332-1345.	1.4	5
7025	The Dental Pulp Stem/Progenitor Cells-Mediated Inflammatory-Regenerative Axis. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 445-460.	2.5	29
7026	Stem Cell Therapies in Kidney Diseases: Progress and Challenges. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2790.	1.8	55
7027	Application of Periodontal Ligament-Derived Multipotent Mesenchymal Stromal Cell Sheets for Periodontal Regeneration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2796.	1.8	38
7028	Comparison of biological characteristics of mesenchymal stem cells derived from the human umbilical cord and decidua parietalis. <i>Molecular Medicine Reports</i> , 2019, 20, 633-639.	1.1	29
7029	Allogeneic Human Umbilical Cord Mesenchymal Stem Cells for the Treatment of Autism Spectrum Disorder in Children: Safety Profile and Effect on Cytokine Levels. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1008-1016.	1.6	53
7030	The Incorporation of Extracellular Vesicles from Mesenchymal Stromal Cells Into CD34+ Cells Increases Their Clonogenic Capacity and Bone Marrow Lodging Ability. <i>Stem Cells</i> , 2019, 37, 1357-1368.	1.4	14
7031	Extracellular vesicles from mesenchymal stem cells prevent contact hypersensitivity through the suppression of Tc1 and Th1 cells and expansion of regulatory T cells. <i>International Immunopharmacology</i> , 2019, 74, 105663.	1.7	31
7032	Alpha-1 Antitrypsin-Expressing Mesenchymal Stromal Cells Confer a Long-Term Survival Benefit in a Mouse Model of Lethal GvHD. <i>Molecular Therapy</i> , 2019, 27, 1436-1451.	3.7	8
7033	The role of stem cells in liver injury and repair. <i>Expert Review of Gastroenterology and Hepatology</i> , 2019, 13, 623-631.	1.4	15
7034	Mesenchymal stem cells for cartilage regeneration in dogs. <i>World Journal of Stem Cells</i> , 2019, 11, 254-269.	1.3	33
7035	Rheumatoid Synovial Fluids Regulate the Immunomodulatory Potential of Adipose-Derived Mesenchymal Stem Cells Through a TNF/NF- κ B-Dependent Mechanism. <i>Frontiers in Immunology</i> , 2019, 10, 1482.	2.2	31
7036	Adipose Tissue-Derived Stem Cells Have the Ability to Differentiate into Alveolar Epithelial Cells and Ameliorate Lung Injury Caused by Elastase-Induced Emphysema in Mice. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	12
7037	Wharton's Jelly Mesenchymal Stem Cell Administration Improves Quality of Life and Self-Sufficiency in Children with Cerebral Palsy: Results from a Retrospective Study. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	14
7038	Does the Harvesting Site Influence the Osteogenic Potential of Mesenchymal Stem Cells?. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	8

#	ARTICLE	IF	CITATIONS
7039	A Microcavity Array-Based 3D Model System of the Hematopoietic Stem Cell Niche. <i>Methods in Molecular Biology</i> , 2019, 2017, 85-95.	0.4	6
7040	Cell Sheets of Mesenchymal Stromal Cells Effectively Stimulate Healing of Deep Soft Tissue Defects. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 167, 159-163.	0.3	7
7041	Mesenchymal Stem Cells Derived and Cultured from Glioblastoma Multiforme Increase Tregs, Downregulate Th17, and Induce the Tolerogenic Phenotype of Monocyte-Derived Cells. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	16
7042	Human predecidual stromal cells are mesenchymal stromal/stem cells and have a therapeutic effect in an immune-based mouse model of recurrent spontaneous abortion. <i>Stem Cell Research and Therapy</i> , 2019, 10, 177.	2.4	33
7043	Preclinical Feasibility of the Bio-Airbrush for Arthroscopic Cell-Based Cartilage Repair. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 379-388.	1.1	6
7044	Long-Term Results of Intracardiac Mesenchymal Stem Cell Transplantation in Patients With Cardiomyopathy. <i>Circulation Journal</i> , 2019, 83, 1590-1599.	0.7	11
7045	Enhanced proliferation and differentiation of mesenchymal stem cells by astaxanthin-encapsulated polymeric micelles. <i>PLoS ONE</i> , 2019, 14, e0216755.	1.1	13
7046	Using Dental Pulp Stem Cells for Stroke Therapy. <i>Frontiers in Neurology</i> , 2019, 10, 422.	1.1	27
7047	Chelidonic Acid and Its Derivatives from <i>Saussurea Controversa</i> : Isolation, Structural Elucidation and Influence on the Osteogenic Differentiation of Multipotent Mesenchymal Stromal Cells In Vitro. <i>Biomolecules</i> , 2019, 9, 189.	1.8	13
7048	Bone Marrow Adipocytes: The Enigmatic Components of the Hematopoietic Stem Cell Niche. <i>Journal of Clinical Medicine</i> , 2019, 8, 707.	1.0	39
7049	Mesenchymal stem/stromal cell therapy for pulmonary arterial hypertension: Comprehensive review of preclinical studies. <i>Journal of Cardiology</i> , 2019, 74, 304-312.	0.8	24
7050	Inflammatory response of mesenchymal stromal cells after in vivo exposure with selected trauma-related factors and polytrauma serum. <i>PLoS ONE</i> , 2019, 14, e0216862.	1.1	15
7051	Activated Mesenchymal Stromal Cells Process and Present Antigens Regulating Adaptive Immunity. <i>Frontiers in Immunology</i> , 2019, 10, 694.	2.2	53
7052	Urothelial cell senescence is not linked with telomere shortening. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1518-1527.	1.3	1
7053	A Cellular Taxonomy of the Bone Marrow Stroma in Homeostasis and Leukemia. <i>Cell</i> , 2019, 177, 1915-1932.e16.	13.5	640
7054	Bioglass 45S5: Structural characterization of short range order and analysis of biocompatibility with adipose-derived mesenchymal stromal cells in vitro and in vivo. <i>Materials Science and Engineering C</i> , 2019, 103, 109781.	3.8	14
7055	Treatment of knee osteoarthritis with intra-articular injection of autologous adipose-derived mesenchymal progenitor cells: a prospective, randomized, double-blind, active-controlled, phase IIb clinical trial. <i>Stem Cell Research and Therapy</i> , 2019, 10, 143.	2.4	139
7056	Intravenously Injected Mesenchymal Stem Cells Penetrate the Brain and Treat Inflammation-Induced Brain Damage and Memory Impairment in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 355.	1.6	36

#	ARTICLE	IF	CITATIONS
7057	hPL promotes osteogenic differentiation of stem cells in 3D scaffolds. PLoS ONE, 2019, 14, e0215667.	1.1	19
7058	Female Age Affects the Mesenchymal Stem Cell Characteristics of Aspirated Follicular Cells in the In Vitro Fertilization Programme. Stem Cell Reviews and Reports, 2019, 15, 543-557.	5.6	6
7059	Survival and immunomodulation of stem cells from human extracted deciduous teeth expanded in pooled human and foetal bovine sera. Cytokine, 2019, 120, 144-154.	1.4	6
7060	Standardized human bone marrow-derived stem cells infusion improves survival and recovery in a rat model of spinal cord injury. Journal of the Neurological Sciences, 2019, 402, 16-29.	0.3	12
7061	Pharmacological Notch pathway inhibition leads to cell cycle arrest and stimulates ascl1 and neurogenin2 genes expression in dental pulp stem cells-derived neurospheres. Biotechnology Letters, 2019, 41, 873-887.	1.1	8
7062	Single cell transcriptomic analysis of human mesenchymal stem cells reveals limited heterogeneity. Cell Death and Disease, 2019, 10, 368.	2.7	68
7063	Genetic Stability of Mesenchymal Stromal Cells for Regenerative Medicine Applications: A Fundamental Biosafety Aspect. International Journal of Molecular Sciences, 2019, 20, 2406.	1.8	116
7064	3D gelatin-chitosan hybrid hydrogels combined with human platelet lysate highly support human mesenchymal stem cell proliferation and osteogenic differentiation. Journal of Tissue Engineering, 2019, 10, 204173141984585.	2.3	59
7065	Metabolic Phenotyping of Adipose-Derived Stem Cells Reveals a Unique Signature and Intrinsic Differences between Fat Pads. Stem Cells International, 2019, 2019, 1-16.	1.2	13
7066	Analysis of Biological Properties of Human Adult Mesenchymal Stem Cells and Their Effect on Mouse Hind Limb Ischemia. Journal of Vascular Research, 2019, 56, 77-91.	0.6	6
7067	Liquid-type non-thermal atmospheric plasma ameliorates vocal fold scarring by modulating vocal fold fibroblast. Experimental Biology and Medicine, 2019, 244, 824-833.	1.1	7
7068	Mesenchymal Stem Cells Modulate the Immune System in Developing Therapeutic Interventions. , 2019, , .		26
7069	Potency Analysis of Mesenchymal Stromal Cells Using a Phospho-STAT Matrix Loop Analytical Approach. Stem Cells, 2019, 37, 1119-1125.	1.4	22
7070	Influence of Cell Spreading Area on the Osteogenic Commitment and Phenotype Maintenance of Mesenchymal Stem Cells. Scientific Reports, 2019, 9, 6891.	1.6	43
7071	Development, characterization and research of efficacy on in vitro cell culture of glucosamine carrying hyaluronic acid nanoparticles. Journal of Drug Delivery Science and Technology, 2019, 52, 393-402.	1.4	5
7072	Preclinical safety study of a combined therapeutic bone wound dressing for osteoarticular regeneration. Nature Communications, 2019, 10, 2156.	5.8	29
7073	A standard procedure for lentiviral-mediated labeling of murine mesenchymal stromal cells in vitro. Biotechnology and Applied Biochemistry, 2019, 66, 643-653.	1.4	2
7074	Osteogenic potential of zingerone, a phenolic compound in mouse mesenchymal stem cells. BioFactors, 2019, 45, 575-582.	2.6	16

#	ARTICLE	IF	CITATIONS
7075	Systemic Dysfunction of Osteoblast Differentiation in Adipose-Derived Stem Cells from Patients with Multiple Myeloma. <i>Cells</i> , 2019, 8, 441.	1.8	11
7076	Quantitative Single-Cell Transcript Assessment of Biomarkers Supports Cellular Heterogeneity in the Bovine IVD. <i>Veterinary Sciences</i> , 2019, 6, 42.	0.6	12
7077	Stem Cell-Based Therapy for Ischemic Stroke. , 2019, , 103-121.		1
7078	Canine amniotic membrane mesenchymal stromal/stem cells: Isolation, characterization and differentiation. <i>Tissue and Cell</i> , 2019, 58, 99-106.	1.0	14
7079	Differentiated fibrocytes assume a functional mesenchymal phenotype with regenerative potential. <i>Science Advances</i> , 2019, 5, eaav7384.	4.7	21
7080	Anti-CD105 Antibody Eliminates Tumor Microenvironment Cells and Enhances Anti-GD2 Antibody Immunotherapy of Neuroblastoma with Activated Natural Killer Cells. <i>Clinical Cancer Research</i> , 2019, 25, 4761-4774.	3.2	53
7081	First decade of clinical trials and published studies with mesenchymal stromal cells from umbilical cord tissue. <i>Regenerative Medicine</i> , 2019, 14, 309-319.	0.8	37
7082	The Role of the Stem Cells Therapy in the Peripheral Artery Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2233.	1.8	12
7083	Mesenchymal stem cells of Systemic Sclerosis patients, derived from different sources, show a profibrotic microRNA profiling. <i>Scientific Reports</i> , 2019, 9, 7144.	1.6	18
7084	Identification of biomarkers indicative of functional skeletal stem cells. <i>Orthodontics and Craniofacial Research</i> , 2019, 22, 192-198.	1.2	5
7085	Single-Cell RNA Sequencing of <i>In Vitro</i> Expanded Chondrocytes: MSC-Like Cells With No Evidence of Distinct Subsets. <i>Cartilage</i> , 2021, 13, 774S-784S.	1.4	4
7086	RNA sequencing of mesenchymal stem cells reveals a blocking of differentiation and immunomodulatory activities under inflammatory conditions in rheumatoid arthritis patients. <i>Arthritis Research and Therapy</i> , 2019, 21, 112.	1.6	19
7087	Molecular and Functional Verification of Wharton's Jelly Mesenchymal Stem Cells (WJ-MSCs) Pluripotency. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1807.	1.8	36
7088	Mesenchymal Stromal Cell-Based Therapy: New Perspectives and Challenges. <i>Journal of Clinical Medicine</i> , 2019, 8, 626.	1.0	66
7089	Support of acute lymphoblastic leukemia cells by nonmalignant bone marrow stromal cells. <i>Oncology Letters</i> , 2019, 17, 5039-5049.	0.8	14
7090	Polyhydroxybutyrate/Chitosan 3D Scaffolds Promote In Vitro and In Vivo Chondrogenesis. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 556-575.	1.4	26
7091	Mesenchymal stem cells for hemorrhagic stroke: status of preclinical and clinical research. <i>Npj Regenerative Medicine</i> , 2019, 4, 10.	2.5	34
7092	Hydroxyurea-induced senescent peripheral blood mesenchymal stromal cells inhibit bystander cell proliferation of JAK2V617F-positive human erythroleukemia cells. <i>FEBS Journal</i> , 2019, 286, 3647-3663.	2.2	8

#	ARTICLE	IF	CITATIONS
7093	Study on the Dynamic Biological Characteristics of Human Bone Marrow Mesenchymal Stem Cell Senescence. <i>Stem Cells International</i> , 2019, 2019, 1-9.	1.2	20
7094	Breast Cancer Tumor Stroma: Cellular Components, Phenotypic Heterogeneity, Intercellular Communication, Prognostic Implications and Therapeutic Opportunities. <i>Cancers</i> , 2019, 11, 664.	1.7	67
7095	Soluble CD14 Enhances the Response of Periodontal Ligament Stem Cells to Toll-Like Receptor 2 Agonists. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	1.4	24
7096	Single-Cell Profiles and Clinically Useful Properties of Human Mesenchymal Stem Cells of Adipose and Bone Marrow Origin. <i>American Journal of Sports Medicine</i> , 2019, 47, 1722-1733.	1.9	125
7097	Extracellular matrix from decellularized mesenchymal stem cells improves cardiac gene expressions and oxidative resistance in cardiac C-kit cells. <i>Regenerative Therapy</i> , 2019, 11, 8-16.	1.4	22
7098	Radiation-induced sensitivity of tissue-resident mesenchymal stem cells in the head and neck region. <i>Head and Neck</i> , 2019, 41, 2892-2903.	0.9	3
7099	Multipotent Mesenchymal Stromal Cells for Pulmonary Fibrosis?. <i>American Journal of the Medical Sciences</i> , 2019, 357, 390-393.	0.4	7
7100	Neuronal Transdifferentiation Potential of Human Mesenchymal Stem Cells from Neonatal and Adult Sources by a Small Molecule Cocktail. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	18
7101	Differential adhesion and fibrinolytic activity of mesenchymal stem cells from human bone marrow, placenta, and Wharton's jelly cultured in a fibrin hydrogel. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141984062.	2.3	12
7102	Ciclopirox olamine promotes the angiogenic response of endothelial cells and mesenchymal stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 73, 317-328.	0.9	5
7103	Comparison of Mesenchymal Stromal Cells From Different Origins for the Treatment of Graft-vs.-Host-Disease in a Humanized Mouse Model. <i>Frontiers in Immunology</i> , 2019, 10, 619.	2.2	50
7104	Generation of iPSCs from Jaw Periosteal Cells Using Self-Replicating RNA. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1648.	1.8	13
7105	Production of Mesenchymal Stem Cells Through Stem Cell Reprogramming. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1922.	1.8	56
7106	Heterogeneity of Human Mesenchymal Stromal/Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1123, 165-177.	0.8	14
7107	Heterogeneity in Adipose Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1123, 119-150.	0.8	21
7108	Mesenchymal stem cell therapy for the treatment of inflammatory diseases: Challenges, opportunities, and future perspectives. <i>European Journal of Cell Biology</i> , 2019, 98, 151041.	1.6	188
7109	Conditioned Medium from Human Mesenchymal Stromal Cells: Towards the Clinical Translation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1656.	1.8	104
7110	Potential of stem cell-derived exosomes to regenerate β islets through Pdx1 dependent mechanism in a rat model of type 1 diabetes. <i>Journal of Cellular Physiology</i> , 2019, 234, 20310-20321.	2.0	58

#	ARTICLE	IF	CITATIONS
7111	The influence of Aloe vera with mesenchymal stem cells from dental pulp on bone regeneration: characterization and treatment of non-critical defects of the tibia in rats. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180103.	0.7	24
7112	The Effect of Conditioned Media of Stem Cells Derived from Lipoma and Adipose Tissue on Macrophagesâ€™ Response and Wound Healing in Indirect Co-culture System In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1671.	1.8	29
7113	Newly Defined ATP-Binding Cassette Subfamily B Member 5 Positive Dermal Mesenchymal Stem Cells Promote Healing of Chronic Iron-Overload Wounds via Secretion of Interleukin-1 Receptor Antagonist. <i>Stem Cells</i> , 2019, 37, 1057-1074.	1.4	41
7114	Modulating autophagy in mesenchymal stem cells effectively protects against hypoxia- or ischemia-induced injury. <i>Stem Cell Research and Therapy</i> , 2019, 10, 120.	2.4	50
7115	Autologous bone marrow clot as an alternative to autograft for bone defect healing. <i>Bone and Joint Research</i> , 2019, 8, 107-117.	1.3	22
7116	Biologic Treatment in Tendon and Muscle Injuries. , 2019, , 581-590.		0
7117	Biological Treatment in Cartilage Injuries. , 2019, , 599-614.		0
7118	The Emerging Role of Mesenchymal Stem Cells in Vascular Calcification. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	16
7119	Introduction to Stem Cell Principles and Biology. <i>Pancreatic Islet Biology</i> , 2019, , 7-20.	0.1	0
7120	Immune Regulatory Cell Biology and Clinical Applications to Prevent or Treat Acute Graft-Versus-Host Disease. <i>Engineering</i> , 2019, 5, 98-105.	3.2	2
7121	Mesenchymal stem cells pretreated with platelet-rich plasma modulate doxorubicin-induced cardiotoxicity. <i>Human and Experimental Toxicology</i> , 2019, 38, 857-874.	1.1	11
7122	Synthesis and Mechanochemical Activity of Peptide-Based Cu(I) Bis(N-Heterocyclic Carbene) Complexes. <i>Biomimetics</i> , 2019, 4, 24.	1.5	20
7123	Biological functions of mesenchymal stem cells and clinical implications. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3323-3348.	2.4	315
7124	Mesenchymal Stem Cells Improve Rheumatoid Arthritis Progression by Controlling Memory T Cell Response. <i>Frontiers in Immunology</i> , 2019, 10, 798.	2.2	86
7125	3D and Porous RGDCâ€Functionalized Polyesterâ€Based Scaffolds as a Niche to Induce Osteogenic Differentiation of Human Bone Marrow Stem Cells. <i>Macromolecular Bioscience</i> , 2019, 19, e1900049.	2.1	14
7126	Defining mesenchymal stromal cell (MSC)â€derived small extracellular vesicles for therapeutic applications. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1609206.	5.5	400
7127	Dental derived stem cell conditioned media for hair growth stimulation. <i>PLoS ONE</i> , 2019, 14, e0216003.	1.1	18
7128	Mesenchymal Stem Cell Marker Expression in Periapical Abscess. <i>Journal of Endodontics</i> , 2019, 45, 716-723.	1.4	12

#	ARTICLE	IF	CITATIONS
7129	Molecular Genetic and Immune Functional Responses Distinguish Bone Marrow Mesenchymal Stromal Cells from Hepatic Stellate Cells. <i>Stem Cells</i> , 2019, 37, 1075-1082.	1.4	14
7130	The inhibition of adipogenesis via an in vitro assay can reduce animal use by more precisely estimating the starting dose for the acute toxic class method. <i>Toxicology Letters</i> , 2019, 311, 80-90.	0.4	4
7131	Cell-Free Demineralized Bone Matrix for Mesenchymal Stem Cells Survival and Colonization. <i>Materials</i> , 2019, 12, 1360.	1.3	19
7132	Effects of VEGF + Mesenchymal Stem Cells and Platelet-Rich Plasma on Inbred Rat Ovarian Functions in Cyclophosphamide-Induced Premature Ovarian Insufficiency Model. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 558-573.	5.6	19
7133	Tendon contains more stem cells than bone at the rotator cuff repair site. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1779-1787.	1.2	8
7134	In Vitro Bioactivity and Cell Biocompatibility of a Hypereutectic Bioceramic. <i>Symmetry</i> , 2019, 11, 355.	1.1	2
7136	The investigation of immunomodulatory effects of adipose tissue mesenchymal stem cell educated macrophages on the CD4 T cells. <i>Immunobiology</i> , 2019, 224, 585-594.	0.8	23
7137	Effects of novel antidepressant drugs on mesenchymal stem cell physiology. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108853.	2.5	9
7138	Mesenchymal stem cells: From regeneration to cancer. , 2019, 200, 42-54.		84
7139	Proteomic analysis of human mesenchymal stromal cell secretomes: a systematic comparison of the angiogenic potential. <i>Npj Regenerative Medicine</i> , 2019, 4, 8.	2.5	136
7140	Mesenchymal Progenitors Derived from Different Locations in Long Bones Display Diverse Characteristics. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	9
7141	Bovine fetal mesenchymal stem cells exert antiproliferative effect against mastitis causing pathogen <i>Staphylococcus aureus</i> . <i>Veterinary Research</i> , 2019, 50, 25.	1.1	25
7142	Self-Assembly of Artificial Sweetener Aspartame Yields Amyloid-like Cytotoxic Nanostructures. <i>ACS Nano</i> , 2019, 13, 6033-6049.	7.3	37
7143	Insights into Inflammatory Priming of Adipose-Derived Mesenchymal Stem Cells: Validation of Extracellular Vesicles-Embedded miRNA Reference Genes as A Crucial Step for Donor Selection. <i>Cells</i> , 2019, 8, 369.	1.8	23
7144	Mesenchymal Stromal Cells Isolated from Irradiated Human Skin Have Diminished Capacity for Proliferation, Differentiation, Colony Formation, and Paracrine Stimulation. <i>Stem Cells Translational Medicine</i> , 2019, 8, 925-934.	1.6	7
7145	The Pros and Cons of Mesenchymal Stem Cell-Based Therapies. <i>Cell Transplantation</i> , 2019, 28, 801-812.	1.2	281
7146	Analysis of mesenchymal cells (MSCs) from bone marrow, synovial fluid and mesenteric, neck and tail adipose tissue sources from equines. <i>Stem Cell Research</i> , 2019, 37, 101442.	0.3	21
7147	Ex Vivo Expansion of Murine MSC Impairs Transcription Factor-Induced Differentiation into Pancreatic β -Cells. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	7

#	ARTICLE	IF	CITATIONS
7148	Cellular therapy in periodontal regeneration. <i>Periodontology</i> 2000, 2019, 79, 107-116.	6.3	94
7149	Cell Therapy for Knee Osteoarthritis: Mesenchymal Stromal Cells. <i>Gerontology</i> , 2019, 65, 294-298.	1.4	20
7150	A comprehensive characterisation of large-scale expanded human bone marrow and umbilical cord mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 99.	2.4	53
7151	Exosomes derived from umbilical cord mesenchymal stem cells reduce microglia-mediated neuroinflammation in perinatal brain injury. <i>Stem Cell Research and Therapy</i> , 2019, 10, 105.	2.4	190
7152	Effect of Exercise on Adult Stem Cells. , 2019, , 49-56.		1
7153	Stem cell therapies for wound healing. <i>Expert Opinion on Biological Therapy</i> , 2019, 19, 575-585.	1.4	116
7154	Characterization of Human Mesenchymal Stem Cells from Different Tissues and Their Membrane Encasement for Prospective Transplantation Therapies. <i>BioMed Research International</i> , 2019, 2019, 1-13.	0.9	40
7155	Biomaterials to Mimic and Heal Connective Tissues. <i>Advanced Materials</i> , 2019, 31, e1806695.	11.1	131
7156	Boron mediated 2D and 3D cultures of adipose derived mesenchymal stem cells. <i>Cytotechnology</i> , 2019, 71, 611-622.	0.7	13
7157	The Role of Bone Marrow Aspirate Concentrate for the Treatment of Focal Chondral Lesions of the Knee: A Systematic Review and Critical Analysis of Animal and Clinical Studies. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1860-1877.	1.3	40
7158	Dental Stem Cells. , 2019, , 554-564.		1
7159	In vivo safety profile and biodistribution of GMP-manufactured human skin-derived ABCB5-positive mesenchymal stromal cells for use in clinical trials. <i>Cytotherapy</i> , 2019, 21, 546-560.	0.3	35
7160	Safe and Effective Delivery of Antitumor Drug Using Mesenchymal Stem Cells Impregnated with Submicron Carriers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13091-13104.	4.0	43
7161	Cell Cycle-Dependent Expression of Bk Channels in Human Mesenchymal Endometrial Stem Cells. <i>Scientific Reports</i> , 2019, 9, 4595.	1.6	11
7162	Mesenchymal stem cells as adjuvant therapy for limb lengthening in achondroplasia. <i>Journal of Pediatric Orthopaedics Part B</i> , 2019, 28, 221-227.	0.3	4
7163	Production and quality testing of multipotent mesenchymal stromal cell therapeutics for clinical use. <i>Transfusion</i> , 2019, 59, 2164-2173.	0.8	20
7164	Autologous plasma rich in growth factors technology for isolation and <i>ex vivo</i> expansion of human dental pulp stem cells for clinical translation. <i>Regenerative Medicine</i> , 2019, 14, 97-111.	0.8	11
7165	Better therapeutic potential of bone marrow-derived mesenchymal stem cells compared with chorionic villi-derived mesenchymal stem cells in airway injury model. <i>Regenerative Medicine</i> , 2019, 14, 165-177.	0.8	8

#	ARTICLE	IF	CITATIONS
7166	Human iPSC-derived MSCs (iMSCs) from aged individuals acquire a rejuvenation signature. <i>Stem Cell Research and Therapy</i> , 2019, 10, 100.	2.4	90
7167	Mesenchymal stem cells differentiate into keratinocytes and express epidermal kallikreins: Towards an in vitro model of human epidermis. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13141-13155.	1.2	29
7168	Neuropotency and Neurotherapeutic Potential of Human Umbilical Cord Stem Cell™s Secretome. <i>Regenerative Engineering and Translational Medicine</i> , 2019, 5, 420-434.	1.6	1
7169	An early senescence state in aged mesenchymal stromal cells contributes to hematopoietic stem and progenitor cell clonogenic impairment through the activation of a pro-inflammatory program. <i>Aging Cell</i> , 2019, 18, e12933.	3.0	114
7170	Administration of Adipose Derived Mesenchymal Stem Cells and Platelet Lysate in Erectile Dysfunction: A Single Center Pilot Study. <i>Bioengineering</i> , 2019, 6, 21.	1.6	34
7171	Amelogenic transcriptome profiling in ameloblast-like cells derived from adult gingival epithelial cells. <i>Scientific Reports</i> , 2019, 9, 3736.	1.6	10
7172	Efficacy of Human Cell-Seeded Muscle-Stuffed Vein Conduit in Rat Sciatic Nerve Repair. <i>Tissue Engineering - Part A</i> , 2019, 25, 1438-1455.	1.6	9
7173	Are Amniotic Fluid Products Stem Cell Therapies? A Study of Amniotic Fluid Preparations for Mesenchymal Stem Cells With Bone Marrow Comparison. <i>American Journal of Sports Medicine</i> , 2019, 47, 1230-1235.	1.9	26
7174	Human serum enhances the proliferative capacity and immunomodulatory property of MSCs derived from human placenta and umbilical cord. <i>Stem Cell Research and Therapy</i> , 2019, 10, 79.	2.4	26
7175	Identification of miRNA Reference Genes in Extracellular Vesicles from Adipose Derived Mesenchymal Stem Cells for Studying Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1108.	1.8	35
7176	Photobiomodulation Enhances the Angiogenic Effect of Mesenchymal Stem Cells to Mitigate Radiation-Induced Enteropathy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1131.	1.8	24
7177	Bone marrow mesenchymal stem cell-derived exosomes alleviate high phosphorus-induced vascular smooth muscle cells calcification by modifying microRNA profiles. <i>Functional and Integrative Genomics</i> , 2019, 19, 633-643.	1.4	33
7178	Targeted stimulation of MSCs in peripheral nerve repair. <i>Gene</i> , 2019, 710, 17-23.	1.0	40
7179	Establishment and Characterization of a Stromal Cell Line Derived From a Patient With Thoracic Endometriosis. <i>Reproductive Sciences</i> , 2019, , 193371911983347.	1.1	1
7180	Automated digital image quantification of histological staining for the analysis of the trilineage differentiation potential of mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 69.	2.4	22
7181	Osteogenic differentiation of mesenchymal stem cells is enhanced in a 45S5-supplemented β -TCP composite scaffold: an in-vitro comparison of Vitoss and Vitoss BA. <i>PLoS ONE</i> , 2019, 14, e0212799.	1.1	48
7182	<p>ɪmp;#x26Amp;Treatment of osteonecrosis of the femoral head by core decompression and implantation of fully functional ex vivo-expanded bone marrow-derived mesenchymal stem cells: a proof-of-concept studyɪmp;#x26Amp;. <i>Stem Cells and Cloning: Advances and Applications</i> , 2019, Volume 12, 11-16.	2.3	8
7183	BMSC Transplantation Aggravates Inflammation, Oxidative Stress, and Fibrosis and Impairs Skeletal Muscle Regeneration. <i>Frontiers in Physiology</i> , 2019, 10, 87.	1.3	28

#	ARTICLE	IF	CITATIONS
7184	Heterologous Wharton's Jelly Derived Mesenchymal Stem Cells Application on a Large Chronic Skin Wound in a 6-Month-Old Filly. <i>Frontiers in Veterinary Science</i> , 2019, 6, 9.	0.9	23
7185	Optimising proliferation and migration of mesenchymal stem cells using platelet products: A rational approach to bone regeneration. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1329-1338.	1.2	12
7186	Adipose tissue-derived stem cells boost vascularization in grafted ovarian tissue by growth factor secretion and differentiation into endothelial cell lineages. <i>Molecular Human Reproduction</i> , 2019, 25, 184-193.	1.3	23
7187	iPS-Cell Technology and the Problem of Genetic Instabilityâ€”Can It Ever Be Safe for Clinical Use?. <i>Journal of Clinical Medicine</i> , 2019, 8, 288.	1.0	54
7188	Cellular therapies for the endometrium: An update. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2019, 98, 672-677.	1.3	19
7189	Retinol/inflammation affect stemness and differentiation potential of gingival stem/progenitor cells via Wnt/ β -catenin. <i>Journal of Periodontal Research</i> , 2019, 54, 413-423.	1.4	27
7190	Effect of autologous adipose-derived mesenchymal stem cell therapy in the treatment of acromioclavicular joint osteoarthritis. <i>BMJ Case Reports</i> , 2019, 12, e227865.	0.2	13
7191	Engineering, differentiation and harvesting of human adipose-derived stem cell multilayer cell sheets. <i>Regenerative Medicine</i> , 2019, 14, 151-163.	0.8	13
7192	NGF protects bone marrow mesenchymal stem cells against 2,5-hexanedione-induced apoptosis in vitro via Akt/Bad signal pathway. <i>Molecular and Cellular Biochemistry</i> , 2019, 457, 133-143.	1.4	13
7193	Human mesenchymal stem cells differentiate into an osteogenic lineage in presence of strontium containing bioactive glass nanoparticles. <i>Acta Biomaterialia</i> , 2019, 90, 373-392.	4.1	76
7194	Translational research aiming to improve survival of ovarian tissue transplants using adipose tissueâ€”derived stem cells. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2019, 98, 665-671.	1.3	16
7195	A Novel OsteomiRs Expression Signature for Osteoblast Differentiation of Human Amniotic Membrane-Derived Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2019, 2019, 1-13.	0.9	16
7196	Multiple mesenchymal progenitor cell subtypes with distinct functional potential are present within the intimal layer of the hip synovium. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 125.	0.8	12
7197	Impact of Route of Estrogen Administration on Bone Turnover Markers in Oligoamenorrhic Athletes and Its Mediators. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1449-1458.	1.8	16
7198	Mesenchymal stromal cells and TGF- β 1 in tracheal aspirate of premature infants: early predictors for bronchopulmonary dysplasia?. <i>Journal of Perinatal Medicine</i> , 2019, 47, 470-477.	0.6	6
7199	The physicochemical and biomechanical profile of forsterite and its osteogenic potential of mesenchymal stromal cells. <i>PLoS ONE</i> , 2019, 14, e0214212.	1.1	22
7200	Extracellular Vesicles from Mesenchymal Stem Cells Exert Pleiotropic Effects on Amyloid- β , Inflammation, and Regeneration: A Spark of Hope for Alzheimer's Disease from Tiny Structures?. <i>BioEssays</i> , 2019, 41, e1800199.	1.2	29
7202	Adipose-derived stem cells: Sources, potency, and implications for regenerative therapies. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108765.	2.5	218

#	ARTICLE	IF	CITATIONS
7203	Body compositions differently contribute to BMD in different age and gender: a pilot study by QCT. Archives of Osteoporosis, 2019, 14, 31.	1.0	16
7204	Comparative study of the neural differentiation capacity of mesenchymal stromal cells from different tissue sources: An approach for their use in neural regeneration therapies. PLoS ONE, 2019, 14, e0213032.	1.1	89
7205	Physiological Expression of Ion Channel Receptors in Human Periodontal Ligament Stem Cells. Cells, 2019, 8, 219.	1.8	4
7206	Image-Guided Transarterial Directed Delivery of Human Mesenchymal Stem Cells for Targeted Gastrointestinal Therapies in a Swine Model. Journal of Vascular and Interventional Radiology, 2019, 30, 1128-1134.e5.	0.2	1
7207	Primary lung cancer samples cultured under microenvironment-mimetic conditions enrich for mesenchymal stem-like cells that promote metastasis. Scientific Reports, 2019, 9, 4177.	1.6	16
7208	Uptake and distribution of carboxylated quantum dots in human mesenchymal stem cells: cell growing density matters. Journal of Nanobiotechnology, 2019, 17, 39.	4.2	19
7209	Platelet-Rich Fibrin Extract: A Promising Fetal Bovine Serum Alternative in Explant Cultures of Human Periosteal Sheets for Regenerative Therapy. International Journal of Molecular Sciences, 2019, 20, 1053.	1.8	10
7210	Peripheral blood-derived mesenchymal stem cells demonstrate immunomodulatory potential for therapeutic use in horses. PLoS ONE, 2019, 14, e0212642.	1.1	29
7211	Dental Mesenchymal Stem Cells: Dental Pulp Stem Cells, Periodontal Ligament Stem Cells, Apical Papilla Stem Cells, and Primary Teeth Stem Cells—Isolation, Characterization, and Expansion for Tissue Engineering. Methods in Molecular Biology, 2019, 1922, 59-76.	0.4	17
7212	The double edge sword of fibrosis in cancer. Translational Research, 2019, 209, 55-67.	2.2	127
7213	Proposal for the International Society for Cell & Gene Therapy position statement on assays for the quality control and potency assessment of adoptive cellular immunotherapies. Cytotherapy, 2019, 21, 367-375.	0.3	3
7214	Manufacturing of human Wharton's jelly stem cells for clinical use: selection of serum is important. Cytotherapy, 2019, 21, 483-495.	0.3	16
7215	Hormonal oral contraceptive influence on isolation, Characterization and cryopreservation of mesenchymal stem cells from menstrual fluid. Gynecological Endocrinology, 2019, 35, 638-644.	0.7	2
7216	Intravenous administration of multipotent stromal cells and bone allograft modification to enhance allograft healing. Regenerative Medicine, 2019, 14, 199-211.	0.8	0
7217	Regenerative Medicine: A Review of the Evolution of Autologous Chondrocyte Implantation (ACI) Therapy. Bioengineering, 2019, 6, 22.	1.6	92
7218	Phenotypic Identification of Dental Pulp Mesenchymal Stem/Stromal Cells Subpopulations with Multiparametric Flow Cytometry. Methods in Molecular Biology, 2019, 1922, 77-90.	0.4	11
7219	Stem cell culture conditions and stability: a joint workshop of the PluriMes Consortium and Pluripotent Stem Cell Platform. Regenerative Medicine, 2019, 14, 243-255.	0.8	18
7220	Detection of AML-specific TP53 mutations in bone marrow-derived mesenchymal stromal cells cultured under hypoxia conditions. Annals of Hematology, 2019, 98, 2019-2020.	0.8	4

#	ARTICLE	IF	CITATIONS
7221	Mesenchymal Stem Cells: A Potential Therapeutic Approach for Amyotrophic Lateral Sclerosis?. <i>Stem Cells International</i> , 2019, 2019, 1-16.	1.2	46
7222	Bone Marrow Mesenchymal Stromal Cell Treatment in Patients with Osteoarthritis Results in Overall Improvement in Pain and Symptoms and Reduces Synovial Inflammation. <i>Stem Cells Translational Medicine</i> , 2019, 8, 746-757.	1.6	141
7223	Pericytes in the Umbilical Cord. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1122, 211-233.	0.8	6
7224	Numerical analysis of mesenchymal stem cell mechanotransduction dynamics reveals homoclinic bifurcations. <i>International Journal of Non-Linear Mechanics</i> , 2019, 113, 146-157.	1.4	0
7225	Phenotypic Variation Between Stromal Cells Differentially Impacts Engineered Cardiac Tissue Function. <i>Tissue Engineering - Part A</i> , 2019, 25, 773-785.	1.6	22
7226	Isolation and Characterization of an Adult Stem Cell Population from Human Epidural Fat. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	11
7227	Quantitation of progenitor cell populations and growth factors after bone marrow aspirate concentration. <i>Journal of Translational Medicine</i> , 2019, 17, 115.	1.8	54
7228	Exosomes secreted by mesenchymal stromal/stem cell-derived adipocytes promote breast cancer cell growth via activation of Hippo signaling pathway. <i>Stem Cell Research and Therapy</i> , 2019, 10, 117.	2.4	97
7229	Low-Dose Pesticide Mixture Induces Accelerated Mesenchymal Stem Cell Aging In Vitro. <i>Stem Cells</i> , 2019, 37, 1083-1094.	1.4	16
7230	Concise Review: Mesenchymal Stem Cells: From Roots to Boost. <i>Stem Cells</i> , 2019, 37, 855-864.	1.4	379
7231	Safety of Intratracheal Administration of Human Umbilical Cord Blood Derived Mesenchymal Stromal Cells in Extremely Low Birth Weight Preterm Infants. <i>Journal of Pediatrics</i> , 2019, 210, 209-213.e2.	0.9	85
7232	Manufacturing and characterization of extracellular vesicles from umbilical cord-derived mesenchymal stromal cells for clinical testing. <i>Cytotherapy</i> , 2019, 21, 581-592.	0.3	136
7233	Mesenchymal stem cells may ameliorate inflammation in an ex vivo model of extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , 2019, 34, 15-21.	0.5	16
7234	Mesenchymal stromal cells for ocular surface repair. <i>Expert Opinion on Biological Therapy</i> , 2019, 19, 643-653.	1.4	17
7235	Human primary fibroblasts perform similarly to MSCs in assays used to evaluate MSC safety and potency. <i>Transfusion</i> , 2019, 59, 1593-1600.	0.8	9
7236	Meta-Analysis and Evidence Base for the Efficacy of Autologous Bone Marrow Mesenchymal Stem Cells in Knee Cartilage Repair: Methodological Guidelines and Quality Assessment. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	25
7237	Clinical Use of Mesenchymal Stromal Cells in the Treatment of Acute Graft-versus-Host Disease. <i>Transfusion Medicine and Hemotherapy</i> , 2019, 46, 27-34.	0.7	67
7238	Effect of Comedications and Endotoxins on Mesenchymal Stem Cell Secretomes, Migratory and Immunomodulatory Capacity. <i>Journal of Clinical Medicine</i> , 2019, 8, 497.	1.0	17

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7239	Preconditioning of Human Dental Pulp Stem Cells with Leukocyte- and Platelet-Rich Fibrin-Derived Factors Does Not Enhance Their Neuroregenerative Effect. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	9
7240	Effects of Normothermic Machine Perfusion Conditions on Mesenchymal Stromal Cells. <i>Frontiers in Immunology</i> , 2019, 10, 765.	2.2	32
7241	Neuroprotection, Recovery of Function and Endogenous Neurogenesis in Traumatic Spinal Cord Injury Following Transplantation of Activated Adipose Tissue. <i>Cells</i> , 2019, 8, 329.	1.8	20
7242	Accumulating Transcriptome Drift Precedes Cell Aging in Human Umbilical Cord-Derived Mesenchymal Stromal Cells Serially Cultured to Replicative Senescence. <i>Stem Cells Translational Medicine</i> , 2019, 8, 945-958.	1.6	36
7243	Cell therapy in orthopaedics. <i>Bone and Joint Journal</i> , 2019, 101-B, 361-364.	1.9	40
7244	Human Diseased Articular Cartilage Contains a Mesenchymal Stem Cell-Like Population of Chondroprogenitors with Strong Immunomodulatory Responses. <i>Journal of Clinical Medicine</i> , 2019, 8, 423.	1.0	42
7245	Dental stem cells as a promising source for cell therapies in neurological diseases. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 170-181.	2.7	9
7246	The inflammatory cytokine TNF α regulates the biological behavior of rat nucleus pulposus mesenchymal stem cells through the NF κ B signaling pathway in vitro. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13664-13679.	1.2	19
7247	Alterations in genetic and protein content of swine adipose tissue-derived mesenchymal stem cells in the metabolic syndrome. <i>Stem Cell Research</i> , 2019, 37, 101423.	0.3	17
7248	FOXP1 circular RNA sustains mesenchymal stem cell identity via microRNA inhibition. <i>Nucleic Acids Research</i> , 2019, 47, 5325-5340.	6.5	78
7249	Recent advances in understanding tumor stroma-mediated chemoresistance in breast cancer. <i>Molecular Cancer</i> , 2019, 18, 67.	7.9	120
7250	TNF-Stimulated Gene-6 Is a Key Regulator in Switching Stemness and Biological Properties of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2019, 37, 973-987.	1.4	36
7251	The Therapeutic Potential of Mesenchymal Stromal Cells in the Treatment of Chemotherapy-Induced Tissue Damage. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 356-373.	5.6	24
7252	Acetylsalicylic Acid Treatment and Suppressive Regulation of AKT Accelerate Odontogenic Differentiation of Stem Cells from the Apical Papilla. <i>Journal of Endodontics</i> , 2019, 45, 591-598.e6.	1.4	12
7253	Mechanical Property of Hydrogels and the Presence of Adipose Stem Cells in Tumor Stroma Affect Spheroid Formation in the 3D Osteosarcoma Model. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 14548-14559.	4.0	51
7254	Effect of cell culture density on dental pulp-derived mesenchymal stem cells with reference to osteogenic differentiation. <i>Scientific Reports</i> , 2019, 9, 5430.	1.6	57
7255	Experimental Strategies of Mesenchymal Stem Cell Propagation: Adverse Events and Potential Risk of Functional Changes. <i>Stem Cells International</i> , 2019, 2019, 1-10.	1.2	86
7256	Transplantation of neuregulin 4-overexpressing adipose-derived mesenchymal stem cells ameliorates insulin resistance by attenuating hepatic steatosis. <i>Experimental Biology and Medicine</i> , 2019, 244, 565-578.	1.1	17

#	ARTICLE	IF	CITATIONS
7257	Characteristics and Potentiality of Human Adipose-Derived Stem Cells (hASCs) Obtained from Enzymatic Digestion of Fat Graft. <i>Cells</i> , 2019, 8, 282.	1.8	69
7258	A Comparative Study of Biological Characteristics and Transcriptome Profiles of Mesenchymal Stem Cells from Different Canine Tissues. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1485.	1.8	42
7259	Scalable Manufacturing of Human Mesenchymal Stromal Cells in the Verticalâ€Wheel Bioreactor System: An Experimental and Economic Approach. <i>Biotechnology Journal</i> , 2019, 14, e1800716.	1.8	42
7260	Pericytes in the Periodontal Ligament. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1122, 169-186.	0.8	10
7261	Hypoxia and mesenchymal stromal cells as key drivers of initial fracture healing in an equine in vitro fracture hematoma model. <i>PLoS ONE</i> , 2019, 14, e0214276.	1.1	24
7262	Electroporation: A Sustainable and Cell Biology Preserving Cell Labeling Method for Adipogenous Mesenchymal Stem Cells. <i>BioResearch Open Access</i> , 2019, 8, 32-44.	2.6	8
7263	Mesenchymal stem cells transplanted into spinal cord injury adopt immune cell-like characteristics. <i>Stem Cell Research and Therapy</i> , 2019, 10, 115.	2.4	26
7265	Optimization of the adipose-derived mesenchymal stem cell delivery time for radiation-induced lung fibrosis treatment in rats. <i>Scientific Reports</i> , 2019, 9, 5589.	1.6	21
7266	Insulin-like growth factor 2 regulates the proliferation and differentiation of rat adipose-derived stromal cells via IGF-1R and IR. <i>Cytotherapy</i> , 2019, 21, 619-630.	0.3	21
7267	Scaledâ€Up Inertial Microfluidics: Retention System for Microcarrierâ€Based Suspension Cultures. <i>Biotechnology Journal</i> , 2019, 14, e1800674.	1.8	13
7268	Mesenchymal stem cell basic research and applications in dog medicine. <i>Journal of Cellular Physiology</i> , 2019, 234, 16779-16811.	2.0	26
7269	Stem Cells: Concept, Properties, and Characterization. <i>Essentials in Ophthalmology</i> , 2019, , 41-55.	0.0	1
7270	Maternal Serum, an Isolation and Expansion Tool for Umbilical Cord Matrix Mesenchymal Stromal Cells. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 213-221.	1.1	0
7271	Viral inactivation of human platelet lysate by gamma irradiation preserves its optimal efficiency in the expansion of human bone marrow mesenchymal stromal cells. <i>Transfusion</i> , 2019, 59, 1069-1079.	0.8	25
7272	Autologous mesenchymal stromal cells embedded in tricalcium phosphate for posterolateral spinal fusion: results of a prospective phase I/II clinical trial with long-term follow-up. <i>Stem Cell Research and Therapy</i> , 2019, 10, 63.	2.4	37
7273	Cell Therapy Using Extraocular Mesenchymal Stem Cells. <i>Essentials in Ophthalmology</i> , 2019, , 231-262.	0.0	2
7274	Corneal Stromal Stem Cell: Methods for Ex Vivo Expansion. <i>Essentials in Ophthalmology</i> , 2019, , 99-108.	0.0	0
7275	Extracellular Vesicle-Educated Macrophages Promote Early Achilles Tendon Healing. <i>Stem Cells</i> , 2019, 37, 652-662.	1.4	132

#	ARTICLE	IF	CITATIONS
7276	Secretome analysis of human bone marrow derived mesenchymal stromal cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 434-441.	1.1	43
7277	Adipose-derived stem cell therapy inhibits the deterioration of cerebral infarction by altering macrophage kinetics. <i>Brain Research</i> , 2019, 1712, 139-150.	1.1	13
7278	Mesenchymal Stem Cells-derived Exosomes: A New Possible Therapeutic Strategy for Parkinson's Disease?. <i>Cells</i> , 2019, 8, 118.	1.8	100
7279	Roles of Mesenchymal Stem Cells in Tissue Regeneration and Immunomodulation. <i>Biomolecules and Therapeutics</i> , 2019, 27, 25-33.	1.1	84
7280	Stem Cells for the Oromaxillofacial Area: Could they be a promising source for regeneration in dentistry?. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1144, 101-121.	0.8	9
7281	Proof of Concept on Functionality Improvement of Mesenchymal Stem-Cells, in Postmenopausal Osteoporotic Women Treated with Teriparatide (PTH1-34), After Suffering Atypical Fractures. <i>Calcified Tissue International</i> , 2019, 104, 631-640.	1.5	5
7282	Isolation and Differentiation of Mesenchymal Stem Cells From Broiler Chicken Compact Bones. <i>Frontiers in Physiology</i> , 2018, 9, 1892.	1.3	25
7283	Mesenchymal stem/stromal cell function in modulating cell death. <i>Stem Cell Research and Therapy</i> , 2019, 10, 56.	2.4	34
7284	Tenogenic differentiation protocol in xenogenic-free media enhances tendon-related marker expression in ASCs. <i>PLoS ONE</i> , 2019, 14, e0212192.	1.1	25
7285	Adipose-derived mesenchymal stem cell therapy in the treatment of knee osteoarthritis: a randomized controlled trial. <i>Regenerative Medicine</i> , 2019, 14, 213-230.	0.8	210
7286	Development and characterization of novel clinical grade neonatal porcine bone marrow-derived mesenchymal stem cells. <i>Xenotransplantation</i> , 2019, 26, e12501.	1.6	16
7287	Sufficient therapeutic effect of cryopreserved frozen adipose-derived regenerative cells on burn wounds. <i>Regenerative Therapy</i> , 2019, 10, 92-103.	1.4	24
7288	In vitro comparative study of human mesenchymal stromal cells from dermis and adipose tissue for application in skin wound healing. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 729-741.	1.3	22
7289	Bioactive glass ions induce efficient osteogenic differentiation of human adipose stem cells encapsulated in gellan gum and collagen type I hydrogels. <i>Materials Science and Engineering C</i> , 2019, 99, 905-918.	3.8	38
7290	Cymerus's iPSC-MSCs significantly prolong survival in a pre-clinical, humanized mouse model of Graft-vs-host disease. <i>Stem Cell Research</i> , 2019, 35, 101401.	0.3	46
7291	Allogeneic platelet rich plasma serves as a scaffold for articular cartilage derived chondroprogenitors. <i>Tissue and Cell</i> , 2019, 56, 107-113.	1.0	17
7292	Therapeutic potential of hepatocyte-like-cells converted from stem cells from human exfoliated deciduous teeth in fulminant Wilson's disease. <i>Scientific Reports</i> , 2019, 9, 1535.	1.6	21
7293	High tibial osteotomy in combination with arthroscopic abrasion arthroplasty and autologous adipose-derived mesenchymal stem cell therapy in the treatment of advanced knee osteoarthritis. <i>BMJ Case Reports</i> , 2019, 12, bcr-2018-228003.	0.2	4

#	ARTICLE	IF	CITATIONS
7294	Titanium Surface Properties Influence the Biological Activity and FasL Expression of Craniofacial Stromal Cells. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	13
7295	Applications of stem cells and bioprinting for potential treatment of diabetes. <i>World Journal of Stem Cells</i> , 2019, 11, 13-32.	1.3	23
7296	Generation and characterization of a functional human adipose-derived multipotent mesenchymal stromal cell line. <i>Biotechnology and Bioengineering</i> , 2019, 116, 1417-1426.	1.7	6
7297	A Novel Virtue in Stem Cell Research: Exosomes and Their Role in Differentiation. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1144, 133-146.	0.8	4
7298	A Novel Approach to Septal Perforation Repair: Septal Cartilage Cells Induce Chondrogenesis of hASCs In Vitro. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 942-951.	1.4	2
7299	Noninvasive Tracking and Regenerative Capabilities of Transplanted Human Umbilical Cord-Derived Mesenchymal Stem Cells Labeled with III-IV Semiconducting Nanocrystals in Liver-Injured Living Mice. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8763-8778.	4.0	25
7300	Molecular signature of human bone marrow-derived mesenchymal stromal cell subsets. <i>Scientific Reports</i> , 2019, 9, 1774.	1.6	35
7301	Dental pulp stem cells and Bonelike [®] for bone regeneration in ovine model. <i>International Journal of Energy Production and Management</i> , 2019, 6, 49-59.	1.9	28
7302	Low-level laser and adipose-derived stem cells altered remodelling genes expression and improved collagen reorganization during tendon repair. <i>Cell Proliferation</i> , 2019, 52, e12580.	2.4	22
7303	Human Cardiac-Mesenchymal Stem Cell-Like Cells, a Novel Cell Population with Therapeutic Potential. <i>Stem Cells and Development</i> , 2019, 28, 593-607.	1.1	15
7304	The Late Osteoblast/Preosteocyte Cell Line MLO-A5 Displays Mesenchymal Lineage Plasticity In Vitro and In Vivo. <i>Stem Cells International</i> , 2019, 2019, 1-10.	1.2	4
7305	<p>Current and emerging biomarkers of frailty in the elderly</p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 389-398.	1.3	114
7306	The treatment of systematically transplanted gingival mesenchymal stem cells in periodontitis in mice. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 2199-2205.	0.8	13
7307	Analysis of the therapeutic potential of different administration routes and frequencies of human mesenchymal stromal cells in the SOD1 ^{G93A} mouse model of amyotrophic lateral sclerosis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 649-663.	1.3	10
7308	Sertoli cell-mediated differentiation of bovine fetal mesenchymal stem cells into germ cell lineage using an in vitro co-culture system. <i>Theriogenology</i> , 2019, 130, 8-18.	0.9	12
7309	Cancer-associated fibroblasts in gastrointestinal cancer. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 282-295.	8.2	371
7310	Mesenchymal stromal cells in kidney transplantation. <i>Current Opinion in Nephrology and Hypertension</i> , 2019, 28, 40-46.	1.0	13
7311	Extracellular vesicles from human umbilical cord mesenchymal stem cells improve nerve regeneration after sciatic nerve transection in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2822-2835.	1.6	84

#	ARTICLE	IF	CITATIONS
7312	MicroRNA-224 enhances the osteoblastic differentiation of hMSCs via Rac1. <i>Cell Biochemistry and Function</i> , 2019, 37, 62-71.	1.4	16
7313	Induced Pluripotent Stem Cell-Derived Mesenchymal Stromal Cells Are Functionally and Genetically Different From Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2019, 37, 754-765.	1.4	60
7314	Mesenchymal stem cells isolated from both distal femurs of patients with unilateral trauma or osteoarthritis of the knee exhibit similar in-vitro ability of bone formation. <i>Journal of Orthopaedic Science</i> , 2019, 24, 918-924.	0.5	2
7315	Comparison of human articular chondrocyte and chondroprogenitor cocultures and monocultures: To assess chondrogenic potential and markers of hypertrophy. <i>Tissue and Cell</i> , 2019, 57, 42-48.	1.0	13
7316	Lentiviral Gene Therapy for Bone Repair Using Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells. <i>Human Gene Therapy</i> , 2019, 30, 906-917.	1.4	9
7317	Gene expression profiling of Jagged1-treated human periodontal ligament cells. <i>Oral Diseases</i> , 2019, 25, 1203-1213.	1.5	3
7318	Spheroid Culture of Mesenchymal Stromal Cells Results in Morphological Properties Appropriate for Improved Microcirculation. <i>Advanced Science</i> , 2019, 6, 1802104.	5.6	31
7319	Osteogenic ability of rat bone marrow concentrate is at least as efficacious as mesenchymal stem cells <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2500-2506.	1.6	5
7320	Characterization of canine adipose tissue-derived mesenchymal stem cells immortalized by SV40 retrovirus for therapeutic use. <i>Journal of Cellular Physiology</i> , 2019, 234, 16630-16642.	2.0	8
7321	Regenerative and Transplantation Medicine: Cellular Therapy Using Adipose Tissue-Derived Mesenchymal Stromal Cells for Type 1 Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2019, 8, 249.	1.0	26
7322	Effect of Extracellular Vesicles Formed by Multipotent Mesenchymal Stromal Cells on Irradiated Animals. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 166, 574-579.	0.3	2
7323	Calcium phosphate scaffolds with defined interconnecting channel structure provide a mimetic 3D niche for bone marrow metastasized tumor cell growth. <i>Acta Biomaterialia</i> , 2019, 88, 527-539.	4.1	16
7324	Engineered Human Adipose-Derived Stem Cells Inducing Endothelial Lineage and Angiogenic Response. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 148-159.	1.1	6
7325	Immunomodulatory Properties of Dental-Derived Mesenchymal Stem Cells. , 0, , .		1
7326	CTGF induces tenogenic differentiation and proliferation of adipose-derived stromal cells. <i>Journal of Orthopaedic Research</i> , 2019, 37, 574-582.	1.2	33
7327	A comparative in vitro study of the osteogenic and adipogenic potential of human dental pulp stem cells, gingival fibroblasts and foreskin fibroblasts. <i>Scientific Reports</i> , 2019, 9, 1761.	1.6	43
7328	Culturing Adult Stem Cells for Cell-Based Therapeutics: Neuroimmune Applications. , 2019, , .		1
7329	A solution to prevent secondary flow in adherent cell cultures. <i>Biology Open</i> , 2019, 8, .	0.6	4

#	ARTICLE	IF	CITATIONS
7330	Mechanisms of Action of Multipotent Mesenchymal Stromal Cells in Tendon Disease. , 0, , .		4
7331	Stromal Cell Ultrastructure. , 0, , .		0
7332	Mesenchymal Stromal Cells as a Therapeutic Intervention. , 2019, , .		0
7333	Therapeutic Potential of Mesenchymal Stem Cells and Their Secretome in the Treatment of Glaucoma. Stem Cells International, 2019, 2019, 1-11.	1.2	57
7334	Advancing Mesenchymal Stem Cell Therapy with CRISPR/Cas9 for Clinical Trial Studies. Advances in Experimental Medicine and Biology, 2019, 1247, 89-100.	0.8	32
7335	Osteochondral Tissue Chip Derived From iPSCs: Modeling OA Pathologies and Testing Drugs. Frontiers in Bioengineering and Biotechnology, 2019, 7, 411.	2.0	71
7336	Mesenchymal Stromal Cells from the Epidermis and Dermis of Psoriasis Patients: Morphology, Immunophenotype, Differentiation Patterns, and Regulation of T Cell Proliferation. Stem Cells International, 2019, 2019, 1-13.	1.2	25
7337	Conventional and Emerging Markers in Stem Cell Isolation and Characterization. Advances in Experimental Medicine and Biology, 2019, 1341, 1-14.	0.8	1
7338	Extraction Socket Preservation Using Growth Factors and Stem Cells: a Systematic Review. Journal of Oral & Maxillofacial Research, 2019, 10, e7.	0.3	13
7339	Stem and progenitor cell microenvironment for bone regeneration and repair. Regenerative Medicine, 2019, 14, 693-702.	0.8	19
7340	Oxidative Stress Alters Angiogenic and Antimicrobial Content of Extracellular Vesicles and Improves Flap Survival. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2588.	0.3	12
7341	Cell-surface markers identify tissue resident multipotential stem/stromal cell subsets in synovial intimal and sub-intimal compartments with distinct chondrogenic properties. Osteoarthritis and Cartilage, 2019, 27, 1831-1840.	0.6	17
7342	Mesenchymal Stem Cells: Allogeneic MSC May Be Immunosuppressive but Autologous MSC Are Dysfunctional in Lupus Patients. Frontiers in Cell and Developmental Biology, 2019, 7, 285.	1.8	45
7343	Bone Marrow Mesenchymal Stem Cell Therapy and Related Bone Marrow-Derived Orthobiologic Therapeutics. Current Reviews in Musculoskeletal Medicine, 2019, 12, 451-459.	1.3	20
7344	Adipose-Derived Stem Cells from Systemic Sclerosis Patients Maintain Pro-Angiogenic and Antifibrotic Paracrine Effects In Vitro. Journal of Clinical Medicine, 2019, 8, 1979.	1.0	13
7345	Multi-Parameter Analysis of Biobanked Human Bone Marrow Stromal Cells Shows Little Influence for Donor Age and Mild Comorbidities on Phenotypic and Functional Properties. Frontiers in Immunology, 2019, 10, 2474.	2.2	64
7346	Colchicine causes prenatal cell toxicity and increases tetraploid risk. BMC Pharmacology & Toxicology, 2019, 20, 66.	1.0	7
7347	The effect of a single consecutive volume aspiration on concentrated bone marrow from the proximal humerus for clinical application. BMC Musculoskeletal Disorders, 2019, 20, 543.	0.8	6

#	ARTICLE	IF	CITATIONS
7348	Human mesenchymal stromal cells broadly modulate high glucose-induced inflammatory responses of renal proximal tubular cell monolayers. <i>Stem Cell Research and Therapy</i> , 2019, 10, 329.	2.4	9
7349	Cellular Stemness Maintenance of Human Adipose-Derived Stem Cells on ZnO Nanorod Arrays. <i>Small</i> , 2019, 15, e1904099.	5.2	27
7350	Myogenic differentiation of human amniotic mesenchymal cells and its tissue repair capacity on volumetric muscle loss. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141988710.	2.3	16
7351	Isolation of adipose tissue derived regenerative cells from human subcutaneous tissue with or without the use of an enzymatic reagent. <i>PLoS ONE</i> , 2019, 14, e0221457.	1.1	31
7352	Stem cell-based interventions for the prevention and treatment of germinal matrix-intraventricular haemorrhage in preterm infants. <i>The Cochrane Library</i> , 2019, 2019, CD013201.	1.5	7
7353	Function Follows Form—A Review of Cardiac Cell Therapy. <i>Circulation Journal</i> , 2019, 83, 2399-2412.	0.7	40
7354	Similarities and differences between mesenchymal stem/progenitor cells derived from various human tissues. <i>World Journal of Stem Cells</i> , 2019, 11, 347-374.	1.3	128
7355	Wharton's Jelly Mesenchymal Stromal Cells from Human Umbilical Cord: a Close-up on Immunomodulatory Molecules Featured In Situ and In Vitro. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 900-918.	1.7	24
7356	Improving the biocompatibility of biomaterial constructs and constructs delivering cells for the pelvic floor. <i>Current Opinion in Urology</i> , 2019, 29, 419-425.	0.9	7
7357	Characterization of human telomerase reverse transcriptase immortalized anterior cruciate ligament cell lines. <i>Biomedical Journal</i> , 2019, 42, 371-380.	1.4	7
7358	mTORC1 and mTORC2 Differentially Regulate Cell Fate Programs to Coordinate Osteoblastic Differentiation in Mesenchymal Stromal Cells. <i>Scientific Reports</i> , 2019, 9, 20071.	1.6	25
7359	Human mesenchymal stem cells are resistant to UV-B irradiation. <i>Scientific Reports</i> , 2019, 9, 20000.	1.6	11
7360	A comprehensive proteomics profiling identifies NRP1 as a novel identity marker of human bone marrow mesenchymal stromal cell-derived small extracellular vesicles. <i>Stem Cell Research and Therapy</i> , 2019, 10, 401.	2.4	21
7361	Cell-Based and Scaffold-Based Therapies for Joint Preservation in Early-Stage Osteonecrosis of the Femoral Head. <i>JBJS Reviews</i> , 2019, 7, e5-e5.	0.8	13
7362	Using Mesenchymal Stem Cells to Treat Female Infertility: An Update on Female Reproductive Diseases. <i>Stem Cells International</i> , 2019, 2019, 1-10.	1.2	70
7363	Autologous bone marrow expanded mesenchymal stem cells in patellar tendinopathy: protocol for a phase I/II, single-centre, randomized with active control PRP, double-blinded clinical trial. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 441.	0.9	12
7364	Xenofree generation of limbal stem cells for ocular surface advanced cell therapy. <i>Stem Cell Research and Therapy</i> , 2019, 10, 374.	2.4	7
7365	Mesenchymal Stem/Stromal Cell Production Compliant with Good Manufacturing Practice: Comparison between Bone Marrow, the Gold Standard Adult Source, and Wharton's Jelly, an Extraembryonic Source. <i>Journal of Clinical Medicine</i> , 2019, 8, 2207.	1.0	20

#	ARTICLE	IF	CITATIONS
7366	1,25(OH)2D3 Differently Affects Immunomodulatory Activities of Mesenchymal Stem Cells Depending on the Presence of TNF- α , IL-1 β and IFN- γ . <i>Journal of Clinical Medicine</i> , 2019, 8, 2211.	1.0	14
7367	PTPN21 Overexpression Promotes Osteogenic and Adipogenic Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells but Inhibits the Immunosuppressive Function. <i>Stem Cells International</i> , 2019, 2019, 1-19.	1.2	7
7368	Mesenchymal Stem/ Stromal Cells metabolomic and bioactive factors profiles: A comparative analysis on the umbilical cord and dental pulp derived Stem/ Stromal Cells secretome. <i>PLoS ONE</i> , 2019, 14, e0221378.	1.1	27
7369	Mesenchymal Stem/Stromal Cells Derived from Dental Tissues: A Comparative In Vitro Evaluation of Their Immunoregulatory Properties Against T cells. <i>Cells</i> , 2019, 8, 1491.	1.8	23
7370	Placental Mesenchymal Stem Cell-Derived Extracellular Vesicles Promote Myelin Regeneration in an Animal Model of Multiple Sclerosis. <i>Cells</i> , 2019, 8, 1497.	1.8	82
7371	The Importance of HLA Assessment in "Off-the-Shelf" Allogeneic Mesenchymal Stem Cells Based-Therapies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5680.	1.8	60
7372	Adipose-Derived Stem Cells in Bone Tissue Engineering: Useful Tools with New Applications. <i>Stem Cells International</i> , 2019, 2019, 1-18.	1.2	75
7373	Stem cell therapy in pain medicine. <i>Korean Journal of Pain</i> , 2019, 32, 245-255.	0.8	19
7374	Is There a Noninvasive Source of MSCs Isolated with GMP Methods with Better Osteogenic Potential?. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	5
7375	Clinical Applications of Mesenchymal Stromal Cells (MSCs) in Orthopedic Diseases. , 2019, , .		1
7376	CD51 distinguishes a subpopulation of bone marrow mesenchymal stem cells with distinct migratory potential: a novel cell-based strategy to treat acute myocardial infarction in mice. <i>Stem Cell Research and Therapy</i> , 2019, 10, 331.	2.4	11
7377	The impact of cryopreservation on bone marrow-derived mesenchymal stem cells: a systematic review. <i>Journal of Translational Medicine</i> , 2019, 17, 397.	1.8	69
7378	NG2 as an Identity and Quality Marker of Mesenchymal Stem Cell Extracellular Vesicles. <i>Cells</i> , 2019, 8, 1524.	1.8	18
7379	Diagnostic Cytokines and Comparative Analysis Secreted from Exfoliated Deciduous Teeth, Dental Pulp, and Bone Marrow Derived Mesenchymal Stem Cells for Functional Cell-Based Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5900.	1.8	27
7380	Thawed Mesenchymal Stem Cell Product Shows Comparable Immunomodulatory Potency to Cultured Cells In Vitro and in Polymicrobial Septic Animals. <i>Scientific Reports</i> , 2019, 9, 18078.	1.6	26
7381	Adipose-derived stromal/stem cells improve epidermal homeostasis. <i>Scientific Reports</i> , 2019, 9, 18371.	1.6	7
7382	CD38, a Receptor with Multifunctional Activities: From Modulatory Functions on Regulatory Cell Subsets and Extracellular Vesicles, to a Target for Therapeutic Strategies. <i>Cells</i> , 2019, 8, 1527.	1.8	56
7383	Defective Proliferation and Osteogenic Potential with Altered Immunoregulatory phenotype of Native Bone marrow-Multipotential Stromal Cells in Atrophic Fracture Non-Union. <i>Scientific Reports</i> , 2019, 9, 17340.	1.6	20

#	ARTICLE	IF	CITATIONS
7384	Methods of Cryoprotectant Preservation: Allogeneic Cellular Bone Grafts and Potential Effects. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	8
7385	The factors present in regenerating muscles impact bone marrow-derived mesenchymal stromal/stem cell fusion with myoblasts. <i>Stem Cell Research and Therapy</i> , 2019, 10, 343.	2.4	13
7386	Surgical vacuum filter-derived stromal cells are superior in proliferation to human bone marrow aspirate. <i>Stem Cell Research and Therapy</i> , 2019, 10, 338.	2.4	12
7387	A Tppp3+Pdgfra+ tendon stem cell population contributes to regeneration and reveals a shared role for PDGF signalling in regeneration and fibrosis. <i>Nature Cell Biology</i> , 2019, 21, 1490-1503.	4.6	146
7388	Encapsulation of human limbus-derived stromal/mesenchymal stem cells for biological preservation and transportation in extreme Indian conditions for clinical use. <i>Scientific Reports</i> , 2019, 9, 16950.	1.6	9
7389	Time-lapse image analysis for whole colony growth curves and daily distribution of the cell number per colony during the expansion of mesenchymal stem cells. <i>Scientific Reports</i> , 2019, 9, 16835.	1.6	7
7390	Full title: High glucose protects mesenchymal stem cells from metformin-induced apoptosis through the AMPK-mediated mTOR pathway. <i>Scientific Reports</i> , 2019, 9, 17764.	1.6	7
7391	Systematic comparison of hUC-MSCs at various passages reveals the variations of signatures and therapeutic effect on acute graft-versus-host disease. <i>Stem Cell Research and Therapy</i> , 2019, 10, 354.	2.4	54
7392	Inhibition of the Low Molecular Weight Protein Tyrosine Phosphatase (LMPTP) as a Potential Therapeutic Strategy for Hepatic Progenitor Cells Lipotoxicity Short Communication. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5873.	1.8	8
7393	MSC Transplantation Improves Lacrimal Gland Regeneration after Surgically Induced Dry Eye Disease in Mice. <i>Scientific Reports</i> , 2019, 9, 18299.	1.6	26
7394	Adipogenic Mesenchymal Stem Cells and Hyaluronic Acid as a Cellular Compound for Bone Tissue Engineering. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 777-783.	0.3	10
7395	Characterization of a Nonimmortalized Mesenchymal Stem Cell Line Isolated from Human Epicardial Adipose Tissue. <i>Cell and Tissue Biology</i> , 2019, 13, 247-258.	0.2	11
7396	Strategies to Enhance Mesenchymal Stem Cell-Based Therapies for Acute Respiratory Distress Syndrome. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	29
7397	Colony Formation, Migratory, and Differentiation Characteristics of Multipotential Stromal Cells (MSCs) from Clinically Accessible Human Periosteum Compared to Donor-Matched Bone Marrow MSCs. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	24
7398	Check-control of inflammation displayed by bone marrow mesenchymal stem cells in rheumatoid arthritis patients. <i>Immunotherapy</i> , 2019, 11, 1107-1116.	1.0	6
7399	Endothelial Progenitor and Mesenchymal Stromal Cells in Newborns With Congenital Diaphragmatic Hernia Undergoing Extracorporeal Membrane Oxygenation. <i>Frontiers in Pediatrics</i> , 2019, 7, 490.	0.9	2
7400	Usefulness of Mesenchymal Cell Lines for Bone and Cartilage Regeneration Research. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6286.	1.8	17
7401	Menstrual blood-derived stem cells: toward therapeutic mechanisms, novel strategies, and future perspectives in the treatment of diseases. <i>Stem Cell Research and Therapy</i> , 2019, 10, 406.	2.4	80

#	ARTICLE	IF	CITATIONS
7402	Modeling appendicular skeletal cartilage development with modified high-density micromass cultures of adult human bone marrow-derived mesenchymal progenitor cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 388.	2.4	6
7403	Mesenchymal stromal cells-exosomes: a promising cell-free therapeutic tool for wound healing and cutaneous regeneration. <i>Burns and Trauma</i> , 2019, 7, 38.	2.3	98
7404	Allogeneic Versus Autologous Injectable Mesenchymal Stem Cells for Knee Osteoarthritis: Review and Current Status. <i>Techniques in Orthopaedics</i> , 2019, 34, 244-256.	0.1	11
7405	Use of Mesenchymal Stem/Stromal Cells for Pediatric Orthopedic Applications. <i>Techniques in Orthopaedics</i> , 2019, 34, 257-265.	0.1	0
7406	Rationale for Biologic Augmentation of Rotator Cuff Repairs. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2019, 27, 468-478.	1.1	24
7407	Addressing the Manufacturing Challenges of Cell-Based Therapies. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2019, 171, 225-278.	0.6	14
7408	Genetically modified mesenchymal stem cell therapy for acute respiratory distress syndrome. <i>Stem Cell Research and Therapy</i> , 2019, 10, 386.	2.4	31
7409	Mesenchymal Stromal Cell-Based Bone Regeneration Therapies: From Cell Transplantation and Tissue Engineering to Therapeutic Secretomes and Extracellular Vesicles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 352.	2.0	92
7410	In Vitro Mesenchymal Progenitor Cell Expansion is a Predictor of Transplant-related Mortality and acute GvHD III-IV After Bone Marrow Transplantation in Univariate Analysis: A Large Single-Center Experience. <i>Journal of Pediatric Hematology/Oncology</i> , 2019, 41, 42-46.	0.3	4
7411	In vitro study of cartilage tissue engineering using human adipose-derived stem cells induced by platelet-rich plasma and cultured on silk fibroin scaffold. <i>Stem Cell Research and Therapy</i> , 2019, 10, 369.	2.4	33
7412	Influence of Platelet Lysate on 2D and 3D Amniotic Mesenchymal Stem Cell Cultures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 338.	2.0	18
7413	Transcriptomic Analysis of Stem Cells Treated with Moringin or Cannabidiol: Analogies and Differences in Inflammation Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6039.	1.8	18
7414	First Insights into the Effect of Low-Dose X-Ray Irradiation in Adipose-Derived Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6075.	1.8	12
7415	Enhancement of Viable Adipose-Derived Stem Cells in Lipoaspirate by Buffering Tumescence with Sodium Bicarbonate. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2138.	0.3	8
7416	<i>In Vivo</i> MRI Tracking of Mesenchymal Stromal Cells Labeled with Ultrasmall Paramagnetic Iron Oxide Particles after Intramyocardial Transplantation in Patients with Chronic Ischemic Heart Disease. <i>Stem Cells International</i> , 2019, 2019, 1-10.	1.2	18
7417	The Biological Fitness of Bone Progenitor Cells in Reamer/Irrigator/Aspirator Waste. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 2111-2119.	1.4	8
7418	Will cell therapies provide the solution for the shortage of transplantable organs?. <i>Current Opinion in Organ Transplantation</i> , 2019, 24, 568-573.	0.8	6
7419	Serum-Free Culture of Human Mesenchymal Stem Cell Aggregates in Suspension Bioreactors for Tissue Engineering Applications. <i>Stem Cells International</i> , 2019, 2019, 1-18.	1.2	20

#	ARTICLE	IF	CITATIONS
7420	International Expert Consensus on a Cell Therapy Communication Tool: DOSES. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 904-911.	1.4	66
7421	Bone marrow-derived mesenchymal stem cell (BM-MSC): A tool of cell therapy in hydatid experimentally infected rats. <i>Cell Regeneration</i> , 2019, 8, 58-71.	1.1	15
7422	Osteogenic commitment of Wharton's jelly mesenchymal stromal cells: mechanisms and implications for bioprocess development and clinical application. <i>Stem Cell Research and Therapy</i> , 2019, 10, 356.	2.4	22
7423	Clinical Translation of Mesenchymal Stromal Cell Therapy for Graft Versus Host Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 255.	1.8	32
7424	Bone Marrow Mesenchymal Stem Cell Transplantation Enhances Nerve Regeneration in a Rat Model of Hindlimb Replantation. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 758e-768e.	0.7	12
7425	Cell-Based Therapies for Chronic Wounds Tested in Clinical Studies. <i>Annals of Plastic Surgery</i> , 2019, 83, e96-e109.	0.5	26
7426	The immunoregulation of mesenchymal stem cells plays a critical role in improving the prognosis of liver transplantation. <i>Journal of Translational Medicine</i> , 2019, 17, 412.	1.8	32
7427	Bone Marrow Mesenchymal Stem Cells Decrease the Expression of RANKL in Collagen-Induced Arthritis Rats via Reducing the Levels of IL-22. <i>Journal of Immunology Research</i> , 2019, 2019, 1-9.	0.9	9
7428	Mesenchymal stem cell perspective: cell biology to clinical progress. <i>Npj Regenerative Medicine</i> , 2019, 4, 22.	2.5	1,113
7429	Mesenchymal Stem Cells in Asthma. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1247, 101-108.	0.8	4
7430	Structural and Functional Characterization of Deceased Donor Stem Cells: A Viable Alternative to Living Donor Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	3
7431	Antimicrobial effects of mesenchymal stem cells primed by modified LPS on bacterial clearance in sepsis. <i>Journal of Cellular Physiology</i> , 2019, 234, 4970-4986.	2.0	42
7432	Adipocyte biology: It is time to upgrade to a new model. <i>Journal of Cellular Physiology</i> , 2019, 234, 2399-2425.	2.0	21
7433	Can we remove scar and fibrosis from adult human myocardium?. <i>European Heart Journal</i> , 2019, 40, 960-966.	1.0	28
7434	Engineering of Human Mesenchymal Stem/Stromal Cells with Vascular Endothelial Growth Factor-1 Encoding Minicircles for Angiogenic <i>Ex Vivo</i> Gene Therapy. <i>Human Gene Therapy</i> , 2019, 30, 316-329.	1.4	16
7435	Geraniin promotes osteogenic differentiation of bone marrow mesenchymal stem cells (BMSCs) via activating β -catenin: a comparative study between BMSCs from normal and osteoporotic rats. <i>Journal of Natural Medicines</i> , 2019, 73, 262-272.	1.1	11
7436	Ectonucleotidase Expression on Human Amnion Epithelial Cells: Adenosinergic Pathways and Dichotomic Effects on Immune Effector Cell Populations. <i>Journal of Immunology</i> , 2019, 202, 724-735.	0.4	13
7437	Circulating osteogenic precursor cells: Building bone from blood. <i>EBioMedicine</i> , 2019, 39, 603-611.	2.7	35

#	ARTICLE	IF	CITATIONS
7438	^{99m} Tc-Methyl-Diphosphonate Binding to Mineral Deposits in Cultures of Marrow-Derived Mesenchymal Stem Cells in Osteogenic Medium. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 49-57.	1.1	8
7439	Oxygen Disrupts Human Fetal Lung Mesenchymal Cells. Implications for Bronchopulmonary Dysplasia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 592-600.	1.4	30
7440	Mesenchymal stromal cells isolated from human fetal liver release soluble factors with a potential role in liver tissue repair. <i>Differentiation</i> , 2019, 105, 14-26.	1.0	14
7441	Circulating Tumor Cells: Enrichment and Genomic Applications. , 2019, , 73-87.		0
7442	Response to Nature commentary "Clear up this stem-cell mess" <i>Cytotherapy</i> , 2019, 21, 1-2.	0.3	15
7443	Infusion of third-party mesenchymal stromal cells after kidney transplantation: a phase I-II, open-label, clinical study. <i>Kidney International</i> , 2019, 95, 693-707.	2.6	74
7444	Tension enhances cell proliferation and collagen synthesis by upregulating expressions of integrin $\alpha 2 \beta 3$ in human keloid-derived mesenchymal stem cells. <i>Life Sciences</i> , 2019, 219, 272-282.	2.0	15
7445	New approach to modification of poly (l-lactic acid) with nano-hydroxyapatite improving functionality of human adipose-derived stromal cells (hASCs) through increased viability and enhanced mitochondrial activity. <i>Materials Science and Engineering C</i> , 2019, 98, 213-226.	3.8	24
7446	Hyaluronic Acid Promotes Differentiation of Mesenchymal Stem Cells from Different Sources toward Pancreatic Progenitors within Three-Dimensional Alginate Matrixes. <i>Molecular Pharmaceutics</i> , 2019, 16, 834-845.	2.3	15
7447	Breast Tumor Microenvironment Can Transform Naive Mesenchymal Stem Cells into Tumor-Forming Cells in Nude Mice. <i>Stem Cells and Development</i> , 2019, 28, 341-352.	1.1	22
7448	Office-Based Mesenchymal Stem Cell Therapy for the Treatment of Musculoskeletal Disease: A Systematic Review of Recent Human Studies. <i>Pain Medicine</i> , 2019, 20, 1570-1583.	0.9	20
7449	Mesenchymal Stem Cell Marker Expression in Gastric Cancer Stroma. <i>Anticancer Research</i> , 2019, 39, 387-393.	0.5	17
7450	Mesenchymal stem cells from bone marrow attenuated the chronic morphine-induced cAMP accumulation in vitro. <i>Neuroscience Letters</i> , 2019, 698, 76-80.	1.0	11
7451	Wound exudate CXCL6: a potential biomarker for wound healing of diabetic foot ulcers. <i>Biomarkers in Medicine</i> , 2019, 13, 167-174.	0.6	13
7452	Umbilical Cord-Derived Mesenchymal Stromal Cells (MSCs) for Knee Osteoarthritis: Repeated MSC Dosing Is Superior to a Single MSC Dose and to Hyaluronic Acid in a Controlled Randomized Phase I/II Trial. <i>Stem Cells Translational Medicine</i> , 2019, 8, 215-224.	1.6	212
7453	Exosomes derived from mesenchymal stem cells attenuate inflammation and demyelination of the central nervous system in EAE rats by regulating the polarization of microglia. <i>International Immunopharmacology</i> , 2019, 67, 268-280.	1.7	173
7454	Current and Future Views on Pulpal Angiogenesis. , 2019, , 37-53.		1
7455	Ion channels and transporters in adipose-derived stem cells. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 287-294.	2.7	3

#	ARTICLE	IF	CITATIONS
7456	A comprehensive study on donor-matched comparisons of three types of mesenchymal stem cells-containing cells from human dental tissue. <i>Journal of Periodontal Research</i> , 2019, 54, 286-299.	1.4	27
7457	Stem Cell Therapy in Neonates—the Time Has (Almost) Come. , 2019, , 1-18.		0
7458	Stem cells in burn wound healing: A systematic review of the literature. <i>Burns</i> , 2019, 45, 1014-1023.	1.1	31
7459	Low-dose radiations derived from cone-beam CT induce transient DNA damage and persistent inflammatory reactions in stem cells from deciduous teeth. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20170462.	1.3	10
7460	Prospect of mesenchymal stem cells in therapy of osteoporosis: A review. <i>Journal of Cellular Physiology</i> , 2019, 234, 8570-8578.	2.0	70
7461	Reciprocal Reprogramming of Cancer Cells and Associated Mesenchymal Stem Cells in Gastric Cancer. <i>Stem Cells</i> , 2019, 37, 176-189.	1.4	18
7462	Newly-designed collagen/polyurethane bioartificial blend as coating on bioactive glass-ceramics for bone tissue engineering applications. <i>Materials Science and Engineering C</i> , 2019, 96, 218-233.	3.8	24
7463	Extracellular Vesicles from Wharton's Jelly Mesenchymal Stem Cells Suppress CD4 Expressing T Cells Through Transforming Growth Factor Beta and Adenosine Signaling in a Canine Model. <i>Stem Cells and Development</i> , 2019, 28, 212-226.	1.1	51
7464	Enhancement of Mesenchymal Stem Cell-Driven Bone Regeneration by Resveratrol-Mediated SOX2 Regulation. , 2019, 10, 818.		28
7465	Ankylosing spondylitis and mesenchymal stromal/stem cell therapy: a new therapeutic approach. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1196-1205.	2.5	31
7466	Characterization and Allogeneic Transplantation of Equine Bone Marrow-Derived Multipotent Mesenchymal Stromal Cells Collected From Cadavers. <i>Journal of Equine Veterinary Science</i> , 2019, 73, 15-23.	0.4	11
7467	Adipogenic differentiation of murine bone marrow mesenchymal stem cells induced by visible light via photo-induced biomodulation. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 119-127.	1.3	13
7468	Human neonatal stem cell-derived skin substitute improves healing of severe burn wounds in a rat model. <i>Cell Biology International</i> , 2019, 43, 147-157.	1.4	13
7469	A Reciprocal Role of the Smad4-Taz Axis in Osteogenesis and Adipogenesis of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2019, 37, 368-381.	1.4	39
7470	Breast Implant Texturization Does Not Affect the Crosstalk Between MSC and ALCL Cells. <i>Inflammation</i> , 2019, 42, 721-730.	1.7	2
7472	Optimizing the transport and storage conditions of current Good Manufacturing Practice -grade human umbilical cord mesenchymal stromal cells for transplantation (HUC-HEART Trial). <i>Cytotherapy</i> , 2019, 21, 64-75.	0.3	17
7473	Poly (lactide-co-glycolide) (PLGA) Scaffold Induces Short-term Nerve Regeneration and Functional Recovery Following Sciatic Nerve Transection in Rats. <i>Neuroscience</i> , 2019, 396, 94-107.	1.1	24
7474	Comparison of the characteristics of mesenchymal stem-like cells derived by integration-free induced pluripotent stem cells in different single-cell culture media under feeder-free conditions. <i>Medical Molecular Morphology</i> , 2019, 52, 147-155.	0.4	1

#	ARTICLE	IF	CITATIONS
7475	IGF-1 and somatocrinin trigger islet differentiation in human amniotic membrane derived mesenchymal stem cells. <i>Life Sciences</i> , 2019, 216, 287-294.	2.0	12
7476	Empowering the immune fate of bone marrow mesenchymal stromal cells: gene and protein changes. <i>Inflammation Research</i> , 2019, 68, 167-176.	1.6	10
7477	GuttaFlow Bioseal promotes spontaneous differentiation of human periodontal ligament stem cells into cementoblast-like cells. <i>Dental Materials</i> , 2019, 35, 114-124.	1.6	39
7478	Proteomic Signature of Mesenchymal Stromal Cellâ€Derived Small Extracellular Vesicles. <i>Proteomics</i> , 2019, 19, e1800163.	1.3	77
7479	Mesenchymal Stem Cells from Nucleus Pulposus and Neural Differentiation Potential: a Continuous Challenge. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 111-124.	1.1	13
7480	A proof-of-concept clinical trial using mesenchymal stem cells for the treatment of corneal epithelial stem cell deficiency. <i>Translational Research</i> , 2019, 206, 18-40.	2.2	81
7481	Orthobiologics for Bone Healing. <i>Clinics in Sports Medicine</i> , 2019, 38, 79-95.	0.9	50
7482	Potential biomarkers of the mature intervertebral disc identified at the single cell level. <i>Journal of Anatomy</i> , 2019, 234, 16-32.	0.9	32
7483	Myths, reality and future of mesenchymal stem cell therapy. <i>Cell and Tissue Research</i> , 2019, 375, 563-574.	1.5	18
7484	Autologous fat grafting: Latest insights. <i>Annals of Medicine and Surgery</i> , 2019, 37, 47-53.	0.5	52
7485	Four types of human platelet lysate, including one virally inactivated by solvent-detergent, can be used to propagate Wharton jelly mesenchymal stromal cells. <i>New Biotechnology</i> , 2019, 49, 151-160.	2.4	17
7486	Cartilage/bone interface fabricated under perfusion: Spatially organized commitment of adiposeâ€derived stem cells without medium supplementation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1833-1843.	1.6	11
7487	Cell-Based Therapy for Neonatal Lung Diseases. , 2019, , 347-361.		0
7488	Localization and characterization of human palatal periosteum stem cells in serumâ€free, xenoâ€free medium for clinical use. <i>European Journal of Oral Sciences</i> , 2019, 127, 99-111.	0.7	11
7489	Strategies to improve the efficiency of mesenchymal stem cell transplantation for reversal of liver fibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1657-1670.	1.6	48
7490	Cell therapy for orofacial bone regeneration: A systematic review and metaâ€analysis. <i>Journal of Clinical Periodontology</i> , 2019, 46, 162-182.	2.3	51
7491	Mesenchymal stem cells and biologic factors leading to bone formation. <i>Journal of Clinical Periodontology</i> , 2019, 46, 12-32.	2.3	38
7492	Comparative analysis of mesenchymal stem cells derived from amniotic membrane, umbilical cord, and chorionic plate under serum-free condition. <i>Stem Cell Research and Therapy</i> , 2019, 10, 19.	2.4	65

#	ARTICLE	IF	CITATIONS
7493	Follistatin-like 1 protects mesenchymal stem cells from hypoxic damage and enhances their therapeutic efficacy in a mouse myocardial infarction model. <i>Stem Cell Research and Therapy</i> , 2019, 10, 17.	2.4	24
7494	The Fate of Transplanted Periodontal Ligament Stem Cells in Surgically Created Periodontal Defects in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 192.	1.8	34
7495	Cryopreserved H2 O2 -preconditioned human adipose-derived stem cells exhibit fast post-thaw recovery and enhanced bioactivity against oxidative stress. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 328-341.	1.3	12
7496	Effect of donor variation on osteogenesis and vasculogenesis in hydrogel cocultures. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 433-445.	1.3	24
7497	Isolation and Characterisation of Human Adipose-Derived Stem Cells. <i>Methods in Molecular Biology</i> , 2019, 1899, 3-13.	0.4	9
7498	Renogenic characterization and in vitro differentiation of rat amniotic fluid stem cells into renal proximal tubular- and juxtaglomerular-like cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 138-147.	0.7	3
7499	Hypercapnic acidosis induces mitochondrial dysfunction and impairs the ability of mesenchymal stem cells to promote distal lung epithelial repair. <i>FASEB Journal</i> , 2019, 33, 5585-5598.	0.2	34
7500	The Use of Bone Marrow Concentrate in the Treatment of Full-Thickness Chondral Defects. <i>HSS Journal</i> , 2019, 15, 96-99.	0.7	1
7501	Isolation and characterization of ovine umbilical cord-derived mesenchymal stem cells. <i>Cytotechnology</i> , 2019, 71, 277-286.	0.7	5
7502	Morphological profiling using machine learning reveals emergent subpopulations of interferon- β -stimulated mesenchymal stromal cells that predict immunosuppression. <i>Cytherapy</i> , 2019, 21, 17-31.	0.3	59
7503	Compromised Antibacterial Function of Multipotent Stromal Cells in Diabetes. <i>Stem Cells and Development</i> , 2019, 28, 268-277.	1.1	4
7504	Biologics in Orthopaedic Surgery. , 2019, , 27-47.		0
7505	Biologics in Sports Medicineâ€”Introduction. , 2019, , 63-68.		1
7506	The involvement of mitochondrial fission in maintenance of the stemness of bone marrow mesenchymal stem cells. <i>Experimental Biology and Medicine</i> , 2019, 244, 64-72.	1.1	14
7507	Impaired angiogenic differentiation of dental pulp stem cells during exposure to the resinous monomer triethylene glycol dimethacrylate. <i>Dental Materials</i> , 2019, 35, 144-155.	1.6	18
7508	Osteoarthritic Synovial Fluid Modulates Cell Phenotype and Metabolic Behavior In Vitro. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	99
7509	Immunomodulatory effect of mesenchymal stem cells: Cell origin and cell quality variations. <i>Molecular Biology Reports</i> , 2019, 46, 1157-1165.	1.0	25
7510	Epigenetic alterations in amniotic fluid mesenchymal stem cells derived from normal and fetusâ€”affected gestations: A focus on myogenic and neural differentiations. <i>Cell Biology International</i> , 2019, 43, 299-312.	1.4	8

#	ARTICLE	IF	CITATIONS
7511	Heterogeneity of Mesenchymal Stromal Cells in Myelodysplastic Syndrome-with Multilineage Dysplasia (MDS-MLD). <i>Indian Journal of Hematology and Blood Transfusion</i> , 2019, 35, 223-232.	0.3	5
7512	Differentiation potential of the cells in the macula flava of the human vocal fold mucosa. <i>Acta Histochemica</i> , 2019, 121, 164-170.	0.9	22
7513	Strategies for reconstructing the limbal stem cell niche. <i>Ocular Surface</i> , 2019, 17, 230-240.	2.2	51
7514	IVD progenitor cells: a new horizon for understanding disc homeostasis and repair. <i>Nature Reviews Rheumatology</i> , 2019, 15, 102-112.	3.5	105
7515	Kinetic and Angiogenic Activity of Circulating Endothelial Colony Forming Cells in Patients with Infantile Haemangioma Receiving Propranolol. <i>Thrombosis and Haemostasis</i> , 2019, 119, 274-284.	1.8	7
7516	Conditioned media derived from mesenchymal stem cell cultures: The next generation for regenerative medicine. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 569-586.	1.3	98
7517	Compositional and structural analysis of glycosaminoglycans in cell-derived extracellular matrices. <i>Glycoconjugate Journal</i> , 2019, 36, 141-154.	1.4	38
7518	Spontaneous formation of tumorigenic hybrids between human omental adipose-derived stromal cells and endometrial cancer cells increased motility and heterogeneity of cancer cells. <i>Cell Cycle</i> , 2019, 18, 320-332.	1.3	11
7519	Single cell sequencing reveals gene expression signatures associated with bone marrow stromal cell subpopulations and time in culture. <i>Journal of Translational Medicine</i> , 2019, 17, 23.	1.8	25
7520	Melatonin plays critical role in mesenchymal stem cell-based regenerative medicine in vitro and in vivo. <i>Stem Cell Research and Therapy</i> , 2019, 10, 13.	2.4	65
7521	Bone Tissue Engineering Using Human Cells: A Comprehensive Review on Recent Trends, Current Prospects, and Recommendations. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 174.	1.3	58
7522	Vertical Bone Construction with Bone Marrow-Derived and Adipose Tissue-Derived Stem Cells. <i>Symmetry</i> , 2019, 11, 59.	1.1	1
7523	VEGF with AMD3100 endogenously mobilizes mesenchymal stem cells and improves fracture healing. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1294-1302.	1.2	18
7524	Equine Mesenchymal Stem Cells: Properties, Sources, Characterization, and Potential Therapeutic Applications. <i>Journal of Equine Veterinary Science</i> , 2019, 72, 16-27.	0.4	49
7525	Human bone marrow-derived MSCs spontaneously express specific Schwann cell markers. <i>Cell Biology International</i> , 2019, 43, 233-252.	1.4	11
7526	The mechanisms and potential of stem cell therapy for penile fibrosis. <i>Nature Reviews Urology</i> , 2019, 16, 79-97.	1.9	42
7527	Dental pulp stem cells senescence and regenerative potential relationship. <i>Journal of Cellular Physiology</i> , 2019, 234, 7186-7197.	2.0	39
7528	Combination therapy of sorafenib with mesenchymal stem cells as a novel cancer treatment regimen in xenograft models of hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2019, 234, 9495-9503.	2.0	13

#	ARTICLE	IF	CITATIONS
7529	Ovarian Carcinoma-Associated Mesenchymal Stem Cells Arise from Tissue-Specific Normal Stroma. <i>Stem Cells</i> , 2019, 37, 257-269.	1.4	58
7530	Therapeutic use of mesenchymal stem cell-derived extracellular vesicles in acute lung injury. <i>Transfusion</i> , 2019, 59, 876-883.	0.8	53
7531	Tolerising cellular therapies: what is their promise for autoimmune disease?. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 297-310.	0.5	44
7532	The majority of cells in so-called "mesenchymal stem cell" population are neither stem cells nor progenitors. <i>Transfusion Clinique Et Biologique</i> , 2019, 26, 316-323.	0.2	6
7533	A New Approach to Cerebral Palsy Treatment: Discussion of the Effective Components of Umbilical Cord Blood and its Mechanisms of Action. <i>Cell Transplantation</i> , 2019, 28, 497-509.	1.2	22
7534	LncRNA-OG Promotes the Osteogenic Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells Under the Regulation of hnRNPK. <i>Stem Cells</i> , 2019, 37, 270-283.	1.4	71
7535	Evaluation of reagents used to coat the hollow-fiber bioreactor membrane of the Quantum [®] Cell Expansion System for the culture of human mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2019, 96, 77-85.	3.8	19
7536	Closure of Bronchopleural Fistula with Mesenchymal Stem Cells: Case Report and Brief Literature Review. <i>Respiration</i> , 2019, 97, 273-276.	1.2	14
7537	Improved <i>ex vivo</i> expansion of mesenchymal stem cells on solubilized acellular fetal membranes. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 232-242.	2.1	11
7538	Bioengineering human vascular networks: trends and directions in endothelial and perivascular cell sources. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 421-439.	2.4	43
7539	Comparative effect of platelet-rich plasma, platelet-poor plasma, and fetal bovine serum on the proliferative response of periodontal ligament cell subpopulations. <i>Clinical Oral Investigations</i> , 2019, 23, 2455-2463.	1.4	16
7540	Human Adipose Tissue-Derived Stromal Cells Attenuate the Multiple Organ Injuries Induced by Sepsis and Mechanical Ventilation in Mice. <i>Inflammation</i> , 2019, 42, 485-495.	1.7	11
7541	Conditioned medium of ovine Wharton's jelly-derived mesenchymal stem cells improves growth and reduces ROS generation of isolated secondary follicles after short-term <i>in vitro</i> culture. <i>Theriogenology</i> , 2019, 125, 56-63.	0.9	8
7542	Mifepristone mediates anti-proliferative effect on ovarian mesenchymal stem/stromal cells from female BRCA carriers. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 250-261.	1.3	4
7543	Stem cells in the treatment of diabetes mellitus – Focus on mesenchymal stem cells. <i>Metabolism: Clinical and Experimental</i> , 2019, 90, 1-15.	1.5	88
7544	Predictors of fracture healing in patients with recalcitrant nonunions treated with autologous culture expanded bone marrow-derived mesenchymal stromal cells. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1303-1309.	1.2	7
7545	Overexpression of SMN2 Gene in Motoneuron-Like Cells Differentiated from Adipose-Derived Mesenchymal Stem Cells by Ponasterone A. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 247-257.	1.1	3
7546	Intratumoral Injection of Human Adipose Tissue-Derived Stem Cells Restores Collagen III/I Ratio in a Rat Model of Chronic Peyronie's Disease. <i>Sexual Medicine</i> , 2019, 7, 94-103.	0.9	24

#	ARTICLE	IF	CITATIONS
7547	Combined treatment with systemic resveratrol and resveratrol preconditioned mesenchymal stem cells, maximizes antifibrotic action in diabetic cardiomyopathy. <i>Journal of Cellular Physiology</i> , 2019, 234, 10942-10963.	2.0	26
7548	Human amniotic fluid stem cells have a unique potential to accelerate cutaneous wound healing with reduced fibrotic scarring like a fetus. <i>Human Cell</i> , 2019, 32, 51-63.	1.2	27
7549	Fibrin glue displays promising in vitro characteristics as a potential carrier of adipose progenitor cells for tissue regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 359-368.	1.3	16
7550	Mesenchymal stromal cell therapy: progress in manufacturing and assessments of potency. <i>Cytotherapy</i> , 2019, 21, 289-306.	0.3	107
7551	Novel trends in application of stem cells in skin wound healing. <i>European Journal of Pharmacology</i> , 2019, 843, 307-315.	1.7	148
7552	Isolation and Characterization of Different Mesenchymal Stem Cell Populations from Rat Femur. <i>Methods in Molecular Biology</i> , 2019, 1916, 133-147.	0.4	8
7553	Isolation and characterization of turkey bone marrow-derived mesenchymal stem cells. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1419-1428.	1.2	9
7554	Strategies toward rheumatoid arthritis therapy; the old and the new. <i>Journal of Cellular Physiology</i> , 2019, 234, 10018-10031.	2.0	246
7555	Immunological modulation following bone marrow-derived mesenchymal stromal cells and Th17 lymphocyte co-cultures. <i>Inflammation Research</i> , 2019, 68, 203-213.	1.6	29
7556	The Potential Chondrogenic Effect of <i>Eucomis autumnalis</i> Aqueous Extracts on Porcine Adipose-Derived Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2019, 25, 1137-1145.	1.6	2
7557	Intra-articular treatment options for knee osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2019, 15, 77-90.	3.5	292
7558	Effect of mesenchymal stromal (stem) cell (MSC) transplantation in asthmatic animal models: A systematic review and meta-analysis. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 54, 39-52.	1.1	27
7559	Tumor-infiltrating mesenchymal stem cells: Drivers of the immunosuppressive tumor microenvironment in prostate cancer?. <i>Prostate</i> , 2019, 79, 320-330.	1.2	58
7560	Effect of intra-ovarian injection of mesenchymal stem cells in aged mares. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 543-556.	1.2	21
7561	Rescuing mesenchymal stem cell regenerative properties on hydrogel substrates post serial expansion. <i>Bioengineering and Translational Medicine</i> , 2019, 4, 51-60.	3.9	58
7562	Human Wharton's Jelly Mesenchymal Stem Cells Show Unique Gene Expression Compared with Bone Marrow Mesenchymal Stem Cells Using Single-Cell RNA-Sequencing. <i>Stem Cells and Development</i> , 2019, 28, 196-211.	1.1	52
7563	Equine Cord Blood Mesenchymal Stromal Cells Have Greater Differentiation and Similar Immunosuppressive Potential to Cord Tissue Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2019, 28, 227-237.	1.1	17
7564	Biomimetic 3D Printing of Hierarchical and Interconnected Porous Hydroxyapatite Structures with High Mechanical Strength for Bone Cell Culture. <i>Advanced Engineering Materials</i> , 2019, 21, 1800678.	1.6	55

#	ARTICLE	IF	CITATIONS
7565	Mesenchymal stem cell-based therapy of osteoarthritis: Current knowledge and future perspectives. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2318-2326.	2.5	216
7566	Stem Cell Therapy in Zoo Medicine. , 2019, , 138-144.		2
7567	Morphoâ€Functional Characteristics of Bone Marrow Multipotent Mesenchymal Stromal Cells after Activation or Inhibition of Epidermal Growth Factor and Tollâ€Like Receptors or Treatment with DNA Intercalator Cisplatin. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 24-33.	1.1	4
7568	Immunomodulatory Properties of Bone Marrow Mesenchymal Stem Cells from Patients with Amyotrophic Lateral Sclerosis and Healthy Donors. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 215-225.	2.1	9
7569	What Can We Learn From This Book?. , 2019, , 3-13.		0
7570	Features of Mesenchymal Stem Cells. , 2019, , 15-38.		2
7571	Maintenance and Culture of MSCs. , 2019, , 39-61.		4
7572	Mesenchymal Stem Cell-Based Therapy of Osteoarthritis. , 2019, , 87-109.		2
7573	Mesenchymal Stem Cellâ€Based Therapies for Repair and Regeneration of Skin Wounds. , 2019, , 173-222.		1
7574	Mesenchymal Stem Cellâ€Based Therapy for Chronic Kidney Disease. , 2019, , 275-296.		0
7575	Use of MSCs in Antiaging Strategies. , 2019, , 443-461.		0
7576	Gene expression of TWIST1 and ZBTB16 is regulated by methylation modifications during the osteoblastic differentiation of mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 6230-6243.	2.0	34
7577	The Clinical Trials of Mesenchymal Stem Cell Therapy in Skin Diseases: An Update and Concise Review. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 22-33.	0.6	103
7578	Decellularized bovine small intestinal submucosa-PCL/hydroxyapatite-based multilayer composite scaffold for hard tissue repair. <i>Materials Science and Engineering C</i> , 2019, 94, 788-797.	3.8	38
7579	Mesenchymal Stem Cells for Periodontal Tissue Regeneration in Elderly Patients. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1351-1358.	1.7	6
7580	Optimal Use Ratio of the Stromal Vascular Fraction (SVF): An Animal Experiment Based on Micro-CT Dynamic Detection After Large-Volume Fat Grafting. <i>Aesthetic Surgery Journal</i> , 2019, 39, NP213-NP224.	0.9	6
7581	The periodontal stem/progenitor cell inflammatoryâ€regenerative cross talk: A new perspective. <i>Journal of Periodontal Research</i> , 2019, 54, 81-94.	1.4	57
7582	In situ transplantation of adipose tissueâ€derived stem cells organized on porous polymer nanosheets for murine skin defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1363-1371.	1.6	14

#	ARTICLE	IF	CITATIONS
7583	Changes of <sc>CD</sc>90 expression and immunoreactive cell localisation in rat dental pulp after cavity preparation. Australian Endodontic Journal, 2019, 45, 189-195.	0.6	3
7584	Short-term evaluation of photobiomodulation therapy on the proliferation and undifferentiated status of dental pulp stem cells. Lasers in Medical Science, 2019, 34, 659-666.	1.0	42
7585	Human omental adipose-derived stem cells from donors with different body mass index had similar effects on proliferation and migration of endometrial cancer cells <i>in vitro</i>. Journal of Obstetrics and Gynaecology Research, 2019, 45, 417-427.	0.6	3
7586	Electrosprayed genipin cross-linked alginate-chitosan microcarriers for <i>ex vivo</i> expansion of mesenchymal stem cells. Journal of Biomedical Materials Research - Part A, 2019, 107, 122-133.	2.1	29
7587	Upcycling umbilical cords: bridging regenerative medicine with neonatology. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1378-1387.	0.7	11
7588	Feasibility and safety of treating non-unions in tibia, femur and humerus with autologous, expanded, bone marrow-derived mesenchymal stromal cells associated with biphasic calcium phosphate biomaterials in a multicentric, non-comparative trial. Biomaterials, 2019, 196, 100-108.	5.7	87
7589	Reporting of Mesenchymal Stem Cell Preparation Protocols and Composition: A Systematic Review of the Clinical Orthopaedic Literature. American Journal of Sports Medicine, 2019, 47, 991-1000.	1.9	29
7590	Comparison of human platelet lysate alternatives using expired and freshly isolated platelet concentrates for adipose-derived stromal cell expansion. Platelets, 2019, 30, 356-367.	1.1	22
7591	Development of a 3D bone marrow adipose tissue model. Bone, 2019, 118, 77-88.	1.4	49
7592	Comparative Analysis of Mesenchymal Stem Cells from Bone Marrow, Adipose Tissue, and Dental Pulp as Sources of Cell Therapy for Zone of Stasis Burns. Journal of Investigative Surgery, 2019, 32, 477-490.	0.6	22
7593	Porcine Mesenchymal Stem Cell Derivation by Plating Bone Marrow Cells Directly and After Erythrocyte Lysis. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 565-573.	0.4	2
7594	Treatment of Knee Osteoarthritis with Bone Marrow-Derived Mononuclear Cell Injection: 12-Month Follow-up. Cartilage, 2019, 10, 26-35.	1.4	25
7595	A Purification Technique for Adipose-Derived Stromal Cell Cultures Leads to a More Regenerative Cell Population. Journal of Investigative Surgery, 2019, 32, 381-392.	0.6	2
7596	<i>In vitro</i> assessment of electrospun polyamide scaffolds for esophageal tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 253-268.	1.6	20
7597	A Review of Commercially Available Point-of-Care Devices to Concentrate Bone Marrow for the Treatment of Osteoarthritis and Focal Cartilage Lesions. Cartilage, 2019, 10, 387-394.	1.4	28
7598	Mesenchymal stem cell-macrophage crosstalk and bone healing. Biomaterials, 2019, 196, 80-89.	5.7	528
7599	Modulation of host immune responses following non-hematopoietic stem cell transplantation: Translational implications in progressive multiple sclerosis. Journal of Neuroimmunology, 2019, 331, 11-27.	1.1	22
7600	Mesenchymal stem cells from orthodontic premolar teeth. Medical Journal Armed Forces India, 2020, 76, 172-179.	0.3	3

#	ARTICLE	IF	CITATIONS
7601	Mesenchymal stem cells to treat type 1 diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165315.	1.8	22
7602	Bio-ink development for three-dimensional bioprinting of hetero-cellular cartilage constructs. <i>Connective Tissue Research</i> , 2020, 61, 137-151.	1.1	78
7603	Effect of Bone Marrow-Derived Mesenchymal Stem Cells on Cochlear Function in an Experimental Rat Model. <i>Anatomical Record</i> , 2020, 303, 487-493.	0.8	18
7604	Mesenchymal stem cell transplantation in polytrauma: Evaluation of bone and liver healing response in an experimental rat model. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 53-64.	0.8	8
7605	The Effect of Boron-Containing Nano-Hydroxyapatite on Bone Cells. <i>Biological Trace Element Research</i> , 2020, 193, 364-376.	1.9	24
7606	Autophagy: a potential key contributor to the therapeutic action of mesenchymal stem cells. <i>Autophagy</i> , 2020, 16, 28-37.	4.3	96
7607	Stem cell therapy for preventing neonatal diseases in the 21st century: Current understanding and challenges. <i>Pediatric Research</i> , 2020, 87, 265-276.	1.1	46
7608	Effect of allogeneic mesenchymal stem cells (MSCs) on corneal wound healing in dogs. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 440-445.	1.5	9
7609	Comparison of different methods for the isolation and purification of rat nucleus pulposus-derived mesenchymal stem cells. <i>Connective Tissue Research</i> , 2020, 61, 426-434.	1.1	14
7610	Commentary on: Fibroblasts Derived From Human Adipose Stem Cells Produce More Effective Extracellular Matrix and Migrate Faster Compared to Primary Dermal Fibroblasts. <i>Aesthetic Surgery Journal</i> , 2020, 40, 118-119.	0.9	0
7611	Cartilage tissue engineering combining microspheroid building blocks and microneedle arrays. <i>Connective Tissue Research</i> , 2020, 61, 229-243.	1.1	27
7612	Mesenchymal stromal cells modulate tissue repair responses within the injured vocal fold. <i>Laryngoscope</i> , 2020, 130, E21-E29.	1.1	13
7613	Effect of Mesenchymal Stem Cells and Chicken Embryo Extract on Flap Viability and Mast Cells in Rat Skin Flaps. <i>Journal of Investigative Surgery</i> , 2020, 33, 123-133.	0.6	10
7614	Comparison of Electrophysiological Properties and Gene Expression between Human Chondrocytes and Chondroprogenitors Derived from Normal and Osteoarthritic Cartilage. <i>Cartilage</i> , 2020, 11, 374-384.	1.4	6
7615	Human umbilical cord perivascular cells-derived extracellular vesicles mediate the transfer of IGF-I to the liver and ameliorate hepatic fibrogenesis in mice. <i>Gene Therapy</i> , 2020, 27, 62-73.	2.3	27
7616	Cell adhesion and culture medium dependent changes in the high frequency mechanical vibration induced proliferation, osteogenesis, and intracellular organization of human adipose stem cells. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 101, 103419.	1.5	9
7617	In vitro and in vivo evaluation of discogenic cells, an investigational cell therapy for disc degeneration. <i>Spine Journal</i> , 2020, 20, 138-149.	0.6	27
7618	Concentration-Dependent Regulation of TiAl6V4 Particles on the Osteogenesis Potential of Human Bone Marrow Mesenchymal Stem Cells. <i>Biological Trace Element Research</i> , 2020, 195, 445-453.	1.9	0

#	ARTICLE	IF	CITATIONS
7619	Review: Enhancing intramuscular fat development via targeting fibro-adipogenic progenitor cells in meat animals. <i>Animal</i> , 2020, 14, 312-321.	1.3	58
7620	Hereditary Hemorrhagic Telangiectasia (Osler-Weber-Rendu Syndrome). , 2020, , 115-140.		1
7621	Dental pulp stem cells in serum-free medium for regenerative medicine. <i>Journal of the Royal Society of New Zealand</i> , 2020, 50, 80-90.	1.0	4
7622	DNA methylation microarray uncovers a permissive methylome for cardiomyocyte differentiation in human mesenchymal stem cells. <i>Genomics</i> , 2020, 112, 1384-1395.	1.3	18
7623	The potential of mesenchymal stem cell therapy for chronic lung disease. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 31-39.	1.0	106
7624	The osteoblast lineage. , 2020, , 89-110.		5
7625	Chondrogenic differentiation of human bone marrow-derived mesenchymal stromal cells in a three-dimensional environment. <i>Journal of Cellular Physiology</i> , 2020, 235, 3497-3507.	2.0	9
7626	Mesenchymal stromal cells in cancer: a review of their immunomodulatory functions and dual effects on tumor progression. <i>Journal of Pathology</i> , 2020, 250, 555-572.	2.1	107
7627	Immunomodulatory effect of human bone marrow-derived mesenchymal stromal/stem cells on peripheral blood T cells from rheumatoid arthritis patients. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 16-28.	1.3	30
7628	The Effect of Mesenchymal Stem Cell Sheets on Early Healing of the Achilles Tendon in Rats. <i>Tissue Engineering - Part A</i> , 2020, 26, 206-213.	1.6	13
7629	Cell-based therapies in bone regeneration. , 2020, , 217-250.		0
7630	Characteristics and clinical applications of Wharton's jelly-derived mesenchymal stromal cells. <i>Current Research in Translational Medicine</i> , 2020, 68, 5-16.	1.2	71
7631	Vascular Regeneration for Ischemic Retinopathies: Hope from Cell Therapies. <i>Current Eye Research</i> , 2020, 45, 372-384.	0.7	20
7632	Prevention of neointimal hyperplasia induced by an endovascular stent via intravenous infusion of mesenchymal stem cells. <i>Journal of Neurosurgery</i> , 2020, 133, 1773-1785.	0.9	8
7633	Differentiation and Anti-inflammatory Potentials of <i>Eucomis autumnalis</i> and <i>Pterocarpus angolensis</i> Extracts Scaffolds in Porcine Adipose-Derived Mesenchymal Stem Cells. <i>Regenerative Engineering and Translational Medicine</i> , 2020, 6, 286-298.	1.6	3
7634	Combined approach for characterization and quality assessment of rabbit bone marrow-derived mesenchymal stem cells intended for gene banking. <i>New Biotechnology</i> , 2020, 54, 1-12.	2.4	11
7635	Mesenchymal Stem Cells Therapy Improved the Streptozotocin-Induced Behavioral and Hippocampal Impairment in Rats. <i>Molecular Neurobiology</i> , 2020, 57, 600-615.	1.9	17
7636	<i>In vitro</i> evaluation of magnetite nanoparticles in human mesenchymal stem cells: comparison of different cytotoxicity assays. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 48-59.	1.3	10

#	ARTICLE	IF	CITATIONS
7637	Mesenchymal stromal cell-derived extracellular vesicles for regenerative therapy and immune modulation: Progress and challenges toward clinical application. <i>Stem Cells Translational Medicine</i> , 2020, 9, 39-46.	1.6	72
7638	Adipose-Derived Stem Cells for Regenerative Wound Healing Applications: Understanding the Clinical and Regulatory Environment. <i>Aesthetic Surgery Journal</i> , 2020, 40, 784-799.	0.9	11
7639	Limbal Epithelial and Mesenchymal Stem Cell Therapy for Corneal Regeneration. <i>Current Eye Research</i> , 2020, 45, 265-277.	0.7	22
7640	Vitrified Wharton's jelly tissue as a biomaterial for multiple tissue engineering applications. <i>Gynecological Endocrinology</i> , 2020, 36, 139-142.	0.7	6
7641	Stem cell-derived extracellular vesicles attenuate the early inflammatory response after tendon injury and repair. <i>Journal of Orthopaedic Research</i> , 2020, 38, 117-127.	1.2	71
7642	Induced membrane maintains its osteogenic properties even when the second stage of Masquelet's technique is performed later. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 301-312.	0.8	32
7643	Naringin alleviates H ₂ O ₂ -induced apoptosis via the PI3K/Akt pathway in rat nucleus pulposus-derived mesenchymal stem cells. <i>Connective Tissue Research</i> , 2020, 61, 554-567.	1.1	23
7644	Towards Lacrimal Gland Regeneration: Current Concepts and Experimental Approaches. <i>Current Eye Research</i> , 2020, 45, 230-240.	0.7	12
7645	Multilevel defects in the hematopoietic niche in essential thrombocythemia. <i>Haematologica</i> , 2020, 105, 661-673.	1.7	9
7646	Evaluation of the Effects of Synovial Multipotent Cells on Deep Digital Flexor Tendon Repair in a Large Animal Model of Intra-Synovial Tendinopathy. <i>Journal of Orthopaedic Research</i> , 2020, 38, 128-138.	1.2	10
7647	Stem Cell Extracellular Vesicles and their Potential to Contribute to the Repair of Damaged CNS Cells. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 520-537.	2.1	24
7648	A randomized pilot study to compare hair follicle cell suspensions prepared using trypsin alone versus trypsin in combination with collagenase type I for transplantation in vitiligo. <i>Clinical and Experimental Dermatology</i> , 2020, 45, 172-179.	0.6	5
7649	Urethroplasty with a bilayered poly(D,L-lactide-co-caprolactone) scaffold seeded with allogenic mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1010-1021.	1.6	8
7650	Clinical Variables that Influence Properties of Human Mesenchymal Stromal Cells. <i>Regenerative Engineering and Translational Medicine</i> , 2020, 6, 310-321.	1.6	0
7651	Retinal stem cell transplantation: Balancing safety and potential. <i>Progress in Retinal and Eye Research</i> , 2020, 75, 100779.	7.3	137
7652	Concentration-dependent cellular behavior and osteogenic differentiation effect induced in bone marrow mesenchymal stem cells treated with magnetic graphene oxide. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 50-60.	2.1	25
7653	Neuroprotection in Glaucoma: Towards Clinical Trials and Precision Medicine. <i>Current Eye Research</i> , 2020, 45, 327-338.	0.7	41
7654	Stem Cell Composition of Umbilical Cord Blood Following Milking Compared with Delayed Clamping of the Cord Appears Better Suited for Promoting Hematopoiesis. <i>Journal of Pediatrics</i> , 2020, 216, 222-226.	0.9	8

#	ARTICLE	IF	CITATIONS
7655	Current understanding of the therapeutic benefits of mesenchymal stem cells in acute respiratory distress syndrome. <i>Cell Biology and Toxicology</i> , 2020, 36, 83-102.	2.4	56
7656	Good mid-term outcomes after adipose-derived culture-expanded mesenchymal stem cells implantation in knee focal cartilage defects. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 502-508.	2.3	25
7657	Bone marrow mesenchymal stromal cells from acute myelogenous leukemia patients demonstrate adipogenic differentiation propensity with implications for leukemia cell support. <i>Leukemia</i> , 2020, 34, 391-403.	3.3	61
7658	Direct conversion of human fibroblasts into therapeutically active vascular wall-typical mesenchymal stem cells. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3401-3422.	2.4	13
7659	High temperature CaSiO ₃ •Ca ₃ (PO ₄) ₂ ceramic promotes osteogenic differentiation in adult human mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2020, 107, 110355.	3.8	5
7660	Multimaterial Dual Gradient Three-Dimensional Printing for Osteogenic Differentiation and Spatial Segregation. <i>Tissue Engineering - Part A</i> , 2020, 26, 239-252.	1.6	23
7661	In utero treatment of myelomeningocele with placental mesenchymal stromal cells – Selection of an optimal cell line in preparation for clinical trials. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1941-1946.	0.8	20
7662	Chorionic and amniotic placental membrane-derived stem cells, from gestational diabetic women, have distinct insulin secreting cell differentiation capacities. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 243-256.	1.3	6
7663	Cell therapies for spinal cord injury regeneration. , 2020, , 157-186.		2
7664	Functional comparison of beating cardiomyocytes differentiated from umbilical cord-derived mesenchymal/stromal stem cells and human foreskin-derived induced pluripotent stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 496-514.	2.1	17
7665	The multiple faces of tryptophan in bone biology. <i>Experimental Gerontology</i> , 2020, 129, 110778.	1.2	26
7666	Poly[N-(2-hydroxypropyl)methacrylamide]-Modified Magnetic Fe ₂ O ₃ Nanoparticles Conjugated with Doxorubicin for Glioblastoma Treatment. <i>ChemMedChem</i> , 2020, 15, 96-104.	1.6	12
7667	Interaction of Human Mesenchymal Stem Cells with Soft Nanocomposite Hydrogels Based on Polyethylene Glycol and Dendritic Polyglycerol. <i>Advanced Functional Materials</i> , 2020, 30, 1905200.	7.8	21
7668	KLF2+ stemness maintains human mesenchymal stem cells in bone regeneration. <i>Stem Cells</i> , 2020, 38, 395-409.	1.4	15
7669	Immune modulation by mesenchymal stem cells. <i>Cell Proliferation</i> , 2020, 53, e12712.	2.4	337
7670	Human amniotic fluid stem cells attract osteoprogenitor cells in bone healing. <i>Journal of Cellular Physiology</i> , 2020, 235, 4643-4654.	2.0	8
7671	Fate of systemically and locally administered adipose-derived mesenchymal stromal cells and their effect on wound healing. <i>Stem Cells Translational Medicine</i> , 2020, 9, 131-144.	1.6	38
7672	Survival of aging CD264 ⁺ and CD264 ⁺ populations of human bone marrow mesenchymal stem cells is independent of colony-forming efficiency. <i>Biotechnology and Bioengineering</i> , 2020, 117, 223-237.	1.7	11

#	ARTICLE	IF	CITATIONS
7673	Bioactive glass ions for <i>in vitro</i> osteogenesis and microvascularization in gellan gum-collagen hydrogels. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1332-1342.	1.6	11
7674	Capillary-resident EphA7 + pericytes are multipotent cells with anti-ischemic effects through capillary formation. <i>Stem Cells Translational Medicine</i> , 2020, 9, 120-130.	1.6	18
7675	Strategies to achieve immune tolerance in allogeneic solid organ transplantation. <i>Transplant Immunology</i> , 2020, 58, 101250.	0.6	4
7676	Potential use of stem cells for fertility preservation. <i>Andrology</i> , 2020, 8, 862-878.	1.9	23
7677	From the Lab to Patients: a Systematic Review and Meta-Analysis of Mesenchymal Stem Cell Therapy for Stroke. <i>Translational Stroke Research</i> , 2020, 11, 345-364.	2.3	48
7678	Emerging Therapies in BPD. , 2020, , 307-316.		0
7679	Adipose-Derived Mesenchymal Stem Cells Promote Growth and Migration of Lung Adenocarcinoma Cancer Cells. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1292, 83-95.	0.8	16
7680	The immunosuppressive mechanisms of mesenchymal stem cells are differentially regulated by platelet poor plasma and fetal bovine serum supplemented media. <i>International Immunopharmacology</i> , 2020, 79, 106172.	1.7	10
7681	Mesenchymal stromal cell based therapies for the treatment of immune disorders: recent milestones and future challenges. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 189-200.	2.4	21
7682	Clinical safety of intratesticular transplantation of allogeneic bone marrow multipotent stromal cells in stallions. <i>Reproduction in Domestic Animals</i> , 2020, 55, 429-437.	0.6	8
7683	Neuron-Like Cells Generated from Human Umbilical Cord Lining-Derived Mesenchymal Stem Cells as a New In Vitro Model for Neuronal Toxicity Screening: Using Magnetite Nanoparticles as an Example. <i>International Journal of Molecular Sciences</i> , 2020, 21, 271.	1.8	15
7684	Reliable isolation of human mesenchymal stromal cells from bone marrow biopsy specimens in patients after allogeneic hematopoietic cell transplantation. <i>Cytotherapy</i> , 2020, 22, 21-26.	0.3	4
7685	Characterization and therapeutic applications of mesenchymal stem cells for regenerative medicine. <i>Tissue and Cell</i> , 2020, 64, 101330.	1.0	38
7686	Human adipose-derived stem cells support lymphangiogenesis in vitro by secretion of lymphangiogenic factors. <i>Experimental Cell Research</i> , 2020, 388, 111816.	1.2	31
7687	Long-term cultivation of human amniotic fluid stem cells: The impact on proliferative capacity and differentiation potential. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3491-3501.	1.2	5
7688	Evaluation of growth, stemness, and angiogenic properties of dental pulp stem cells cultured in cGMP xeno-/serum-free medium. <i>Cell and Tissue Research</i> , 2020, 380, 93-105.	1.5	19
7689	Goat mesenchymal stem cell basic research and potential applications. <i>Small Ruminant Research</i> , 2020, 183, 106045.	0.6	24
7690	Did Osteoblastic Cell Therapy Improve the Prognosis of Pre-fracture Osteonecrosis of the Femoral Head? A Randomized, Controlled Trial. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1307-1315.	0.7	15

#	ARTICLE	IF	CITATIONS
7691	Indoleamine 2,3-dioxygenase-transfected mesenchymal stem cells suppress heart allograft rejection by increasing the production and activity of dendritic cells and regulatory T cells. <i>Journal of Investigative Medicine</i> , 2020, 68, 728-737.	0.7	15
7692	Effect of Autologous Adipose-Derived Stromal Vascular Fraction Transplantation on Endometrial Regeneration in Patients of Asherman's Syndrome: a Pilot Study. <i>Reproductive Sciences</i> , 2020, 27, 561-568.	1.1	31
7693	Human amniotic mesenchymal stem cells alleviate paraquat-induced pulmonary fibrosis in rats by inhibiting the inflammatory response. <i>Life Sciences</i> , 2020, 243, 117290.	2.0	21
7694	Integrin-specific hydrogels modulate transplanted human bone marrow-derived mesenchymal stem cell survival, engraftment, and reparative activities. <i>Nature Communications</i> , 2020, 11, 114.	5.8	131
7695	IGF-1 enhances BMSC viability, migration, and anti-apoptosis in myocardial infarction via secreted frizzled-related protein 2 pathway. <i>Stem Cell Research and Therapy</i> , 2020, 11, 22.	2.4	55
7696	Biocompatibility assessment of sub-5 nm silica-coated superparamagnetic iron oxide nanoparticles in human stem cells and in mice for potential application in nanomedicine. <i>Nanoscale</i> , 2020, 12, 1759-1778.	2.8	36
7697	Bone marrow-derived mesenchymal stromal cell treatment in patients with ischaemic heart failure: final 4-year follow-up of the MSC-HF trial. <i>European Journal of Heart Failure</i> , 2020, 22, 884-892.	2.9	86
7698	Gestational diabetes impacts fetal precursor cell responses with potential consequences for offspring. <i>Stem Cells Translational Medicine</i> , 2020, 9, 351-363.	1.6	14
7699	Comparison of the immunomodulatory effect of single MSC batches versus pooled MSC products. <i>Cell and Tissue Banking</i> , 2020, 21, 119-129.	0.5	2
7700	From 2646 to 15: differentially regulated microRNAs between progenitors from normal myometrium and leiomyoma. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 596.e1-596.e9.	0.7	18
7701	Adenosinergic signalling in chondrogenesis and cartilage homeostasis: Friend or foe?. <i>Biochemical Pharmacology</i> , 2020, 174, 113784.	2.0	9
7702	Triiodothyronine Has No Enhancement Effect on the Osteogenic or Chondrogenic Differentiation of Equine Adipose Tissue Stem Cells. <i>Journal of Equine Veterinary Science</i> , 2020, 86, 102895.	0.4	1
7703	The MSC-Derived Exosomal lncRNA H19 Promotes Wound Healing in Diabetic Foot Ulcers by Upregulating PTEN via MicroRNA-152-3p. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 814-826.	2.3	192
7704	Gingival mesenchymal stem cells as an alternative source to bone marrow mesenchymal stem cells in regeneration of bone defects: In vivo study. <i>Tissue and Cell</i> , 2020, 63, 101325.	1.0	22
7705	Human Umbilical Cord Wharton's Jelly-Derived Mesenchymal Stem Cells Labeled with Mn ²⁺ and Gd ³⁺ Co-Doped CuInS ₂ @ZnS Nanocrystals for Multimodality Imaging in a Tumor Mice Model. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 3415-3429.	4.0	27
7706	Interference of miR-212 and miR-384 promotes osteogenic differentiation via targeting RUNX2 in osteoporosis. <i>Experimental and Molecular Pathology</i> , 2020, 113, 104366.	0.9	14
7707	Identification of differentially expressed genes by single-cell transcriptional profiling of umbilical cord and synovial fluid mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1945-1957.	1.6	22
7708	Dose-dependent cytotoxicity induced by pristine graphene oxide nanosheets for potential bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 614-624.	2.1	19

#	ARTICLE	IF	CITATIONS
7709	Comparison of Preparation Techniques for Isolating Subacromial Bursa-Derived Cells as a Potential Augment for Rotator Cuff Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 80-85.	1.3	38
7710	Nebulized Mesenchymal Stem Cell Derived Conditioned Medium Retains Antibacterial Properties Against Clinical Pathogen Isolates. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2020, 33, 140-152.	0.7	28
7711	Cellular therapies in preclinical and clinical islet transplantation: Mesenchymal stem cells. , 2020, , 821-831.		0
7712	A high-throughput approach to compare the biocompatibility of candidate bioink formulations. <i>Bioprinting</i> , 2020, 17, e00068.	2.9	16
7713	Comparative analysis of fresh chondrocytes, cultured chondrocytes and chondroprogenitors derived from human articular cartilage. <i>Acta Histochemica</i> , 2020, 122, 151462.	0.9	23
7714	3D microtissueâ€‘derived human stem cells seeded on electrospun nanocomposites under shear stress: Modulation of gene expression. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 102, 103481.	1.5	8
7715	Overexpression of RPN2 promotes osteogenic differentiation of hBMSCs through the JAK/STAT3 pathway. <i>FEBS Open Bio</i> , 2020, 10, 158-167.	1.0	8
7716	Fat Grafting for Treatment of Facial Burns and Burn Scars. <i>Clinics in Plastic Surgery</i> , 2020, 47, 119-130.	0.7	13
7717	Characterization of a Vimentinhigh/Nestinhigh proteome and tissue regenerative secretome generated by human pancreas-derived mesenchymal stromal cells. <i>Stem Cells</i> , 2020, 38, 666-682.	1.4	17
7718	Dynamic responses of the haematopoietic stem cell niche to diverse stresses. <i>Nature Cell Biology</i> , 2020, 22, 7-17.	4.6	86
7719	Human lung epithelial BEAS-2B cells exhibit characteristics of mesenchymal stem cells. <i>PLoS ONE</i> , 2020, 15, e0227174.	1.1	34
7720	Synergistic effects of Rho kinase inhibitor Yâ€‘27632 and Noggin overexpression on the proliferation and neuronâ€‘like cell differentiation of stem cells derived from human exfoliated deciduous teeth. <i>IUBMB Life</i> , 2020, 72, 665-676.	1.5	9
7721	Enhancing the Efficacy of Stem Cell Therapy with Glycosaminoglycans. <i>Stem Cell Reports</i> , 2020, 14, 105-121.	2.3	10
7722	Endometrial stromal cells exhibit a distinct phenotypic and immunomodulatory profile. <i>Stem Cell Research and Therapy</i> , 2020, 11, 15.	2.4	32
7723	Evaluation of Cryopreservation Media for the Preservation of Human Corneal Stromal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2020, 26, 37-43.	1.1	1
7724	Three-dimensional tissue engineering-based Dentin/Pulp tissue analogue as advanced biocompatibility evaluation tool of dental restorative materials. <i>Dental Materials</i> , 2020, 36, 229-248.	1.6	11
7725	Single-cell and spatial transcriptomics approaches of the bone marrow microenvironment. <i>Current Opinion in Oncology</i> , 2020, 32, 146-153.	1.1	18
7726	Stem-cell therapy for bronchopulmonary dysplasia. <i>Current Opinion in Pediatrics</i> , 2020, 32, 210-215.	1.0	6

#	ARTICLE	IF	CITATIONS
7727	Homogeneity and heterogeneity of biological characteristics in mesenchymal stem cells from human umbilical cords and exfoliated deciduous teeth. <i>Biochemistry and Cell Biology</i> , 2020, 98, 415-425.	0.9	10
7728	Stem cell-directed therapies for osteoarthritis: The promise and the practice. <i>Stem Cells</i> , 2020, 38, 477-486.	1.4	19
7729	Process development and manufacturing approaches for mesenchymal stem cell therapies. , 2020, , 33-71.		6
7730	Influence of Different Cell Types and Sources on Pre-Vascularisation in Fibrin and Agaroseâ€œCollagen Gels. <i>Organogenesis</i> , 2020, 16, 14-26.	0.4	19
7731	Introduction to the state-of-the-art 3D bioprinting methods, design, and applications in orthopedics. <i>Bioprinting</i> , 2020, 18, e00070.	2.9	48
7732	In a Phase 1a escalating clinical trial, autologous mesenchymal stem cell infusion for renovascular disease increases blood flow and the glomerular filtration rate while reducing inflammatory biomarkers and blood pressure. <i>Kidney International</i> , 2020, 97, 793-804.	2.6	42
7733	Update on mesenchymal stromal cell studies in organ transplant recipients. <i>Current Opinion in Organ Transplantation</i> , 2020, 25, 27-34.	0.8	4
7734	Does photobiomodulation change the synthesis and secretion of angiogenic proteins by different pulp cell lineages?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 203, 111738.	1.7	8
7735	Stem Cell Therapy and Hydrogen Sulfide: Conventional or Nonconventional Mechanisms of Action?. <i>Shock</i> , 2020, 53, 737-743.	1.0	7
7736	Online Direct-to-Consumer Advertising of Stem Cell Therapy for Musculoskeletal Injury and Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 2-9.	1.4	22
7737	Stem Cells for Treatment of Musculoskeletal Conditions - Orthopaedic/Sports Medicine Applications. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165624.	1.8	13
7738	Opportunities and challenges of translational 3D bioprinting. <i>Nature Biomedical Engineering</i> , 2020, 4, 370-380.	11.6	309
7739	Comparison of the Chondrogenic Potential of Mesenchymal Stem Cells Derived from Bone Marrow and Umbilical Cord Blood Intended for Cartilage Tissue Engineering. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 126-143.	1.7	40
7740	Human pancreatic progenitors. , 2020, , 183-200.		2
7741	Co-encapsulation of mesenchymal stromal cells to enhance islet function. , 2020, , 315-328.		0
7742	PM2.5 collecting in a tire manufacturing plant affects epithelial differentiation of human umbilical cord derived mesenchymal stem cells by Wnt/ β -catenin pathway. <i>Chemosphere</i> , 2020, 244, 125441.	4.2	4
7743	Chemical activation of the Piezo1 channel drives mesenchymal stem cell migration via inducing ATP release and activation of P2 receptor purinergic signaling. <i>Stem Cells</i> , 2020, 38, 410-421.	1.4	60
7744	Therapeutic Use of Adipose-Derived Stromal Cells in a Murine Model of Acute Pancreatitis. <i>Journal of Gastrointestinal Surgery</i> , 2020, 24, 67-75.	0.9	13

#	ARTICLE	IF	CITATIONS
7745	Intracerebroventricular Delivery of Human Umbilical Cord Mesenchymal Stem Cells as a Promising Therapy for Repairing the Spinal Cord Injury Induced by Kainic Acid. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 167-180.	1.7	10
7746	Vascularization in tissue engineering: fundamentals and state-of-art. <i>Progress in Biomedical Engineering</i> , 2020, 2, 012002.	2.8	77
7747	Polymeric scaffolds for dental pulp tissue engineering: A review. <i>Dental Materials</i> , 2020, 36, e47-e58.	1.6	65
7748	Effect of cryopreservation on therapeutic potential of canine bone marrow derived mesenchymal stem cells augmented mesh scaffold for wound healing in guinea pig. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109573.	2.5	11
7749	Single-cell high-content imaging parameters predict functional phenotype of cultured human bone marrow stromal stem cells. <i>Stem Cells Translational Medicine</i> , 2020, 9, 189-202.	1.6	22
7750	Progress in Articular Cartilage Tissue Engineering: A Review on Therapeutic Cells and Macromolecular Scaffolds. <i>Macromolecular Bioscience</i> , 2020, 20, e1900278.	2.1	37
7751	Anti-fibrotic mechanisms of exogenously-expanded mesenchymal stromal cells for fibrotic diseases. <i>Seminars in Cell and Developmental Biology</i> , 2020, 101, 87-103.	2.3	31
7752	Effects of uterus derived mesenchymal stem cells and their exosomes on asherman's syndrome. <i>Acta Histochemica</i> , 2020, 122, 151465.	0.9	43
7753	Meniscus Repair and Regeneration. <i>Clinics in Sports Medicine</i> , 2020, 39, 125-163.	0.9	33
7754	Lights and Shadows in the Use of Mesenchymal Stem Cells in Lung Inflammation, a Poorly Investigated Topic in Cystic Fibrosis. <i>Cells</i> , 2020, 9, 20.	1.8	16
7755	Bone Marrow-Derived Mesenchymal Stromal Cells: A Novel Target to Optimize Hematopoietic Stem Cell Transplantation Protocols in Hematological Malignancies and Rare Genetic Disorders. <i>Journal of Clinical Medicine</i> , 2020, 9, 2.	1.0	50
7756	Intra-articular Injection of Culture-Expanded Mesenchymal Stem Cells Without Adjuvant Surgery in Knee Osteoarthritis: A Systematic Review and Meta-analysis. <i>American Journal of Sports Medicine</i> , 2020, 48, 2839-2849.	1.9	49
7757	The effect of stem cell therapy and comprehensive physical therapy in motor and non-motor symptoms in patients with multiple sclerosis. <i>Medicine (United States)</i> , 2020, 99, e21646.	0.4	9
7758	Differentiation Potential of Early- and Late-Passage Adipose-Derived Mesenchymal Stem Cells Cultured under Hypoxia and Normoxia. <i>Stem Cells International</i> , 2020, 2020, 1-11.	1.2	13
7759	Mesenchymal stem/stromal cell quality control: validation of mixed lymphocyte reaction assay using flow cytometry according to ICH Q2(R1). <i>Stem Cell Research and Therapy</i> , 2020, 11, 426.	2.4	16
7760	Research progress on Mesenchymal Stem Cells (MSCs), Adipose-Derived Mesenchymal Stem Cells (AD-MSCs), Drugs, and Vaccines in Inhibiting COVID-19 Disease. , 2020, 11, 1191.		46
7761	Infection of Human Dental Pulp Stromal Cells by <i>Streptococcus mutans</i> : Shedding Light on Bacteria Pathogenicity and Pulp Inflammation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 785.	1.8	3
7762	Laparoscopy for the Treatment of Congenital Hernia: Use of Surgical Meshes and Mesenchymal Stem Cells in a Clinically Relevant Animal Model. <i>Frontiers in Pharmacology</i> , 2020, 11, 01332.	1.6	1

#	ARTICLE	IF	CITATIONS
7763	Pressure Stimuli Improve the Proliferation of Whartonâ€™s Jelly-Derived Mesenchymal Stem Cells under Hypoxic Culture Conditions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7092.	1.8	8
7764	Cobalt Chromium Molybdenum Surface Modifications Alter the Osteogenic Differentiation Potential of Human Mesenchymal Stem Cells. <i>Materials</i> , 2020, 13, 4292.	1.3	8
7765	Zn- or Cu-containing CaP-Based Coatings Formed by Micro-Arc Oxidation on Titanium and Ti-40Nb Alloy: Part IIâ€™ Wettability and Biological Performance. <i>Materials</i> , 2020, 13, 4366.	1.3	16
7766	Dynamics of Matrix Metalloproteinase Activity and Extracellular Matrix Proteins Content in the Process of Replicative Senescence of Human Mesenchymal Stem Cells. <i>Cell and Tissue Biology</i> , 2020, 14, 349-357.	0.2	5
7767	Study of bilateral elbow joint osteoarthritis treatment using conditioned medium from allogeneic adipose tissue-derived MSCs in Labrador retrievers. <i>Research in Veterinary Science</i> , 2020, 132, 513-520.	0.9	18
7768	Herb-Derived Products: Natural Tools to Delay and Counteract Stem Cell Senescence. <i>Stem Cells International</i> , 2020, 2020, 1-28.	1.2	10
7769	Potential application of mesenchymal stem cells and their exosomes in lung injury: an emerging therapeutic option for COVID-19 patients. <i>Stem Cell Research and Therapy</i> , 2020, 11, 437.	2.4	54
7770	Heat Shock Alters Mesenchymal Stem Cell Identity and Induces Premature Senescence. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 565970.	1.8	24
7771	Differences in Mitochondrial Membrane Potential Identify Distinct Populations of Human Cardiac Mesenchymal Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7467.	1.8	9
7772	Mesenchymal stem cells from a hypoxic culture improve nerve regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1804-1814.	1.3	8
7773	Expansion of human mesenchymal stem/stromal cells (hMSCs) in bioreactors using microcarriers: lessons learnt and what the future holds. <i>Biotechnology Advances</i> , 2020, 45, 107636.	6.0	38
7774	Robust Cardiac Regeneration: Fulfilling the Promise of Cardiac Cell Therapy. <i>Clinical Therapeutics</i> , 2020, 42, 1857-1879.	1.1	7
7775	Cell culture media notably influence properties of human mesenchymal stroma/stem-like cells from different tissues. <i>Cytotherapy</i> , 2020, 22, 653-668.	0.3	15
7776	Myh11+ microvascular mural cells and derived mesenchymal stem cells promote retinal fibrosis. <i>Scientific Reports</i> , 2020, 10, 15808.	1.6	9
7777	Immunosuppressive effects of mesenchymal stem cells on lung B cell gene expression in LPS-induced acute lung injury. <i>Stem Cell Research and Therapy</i> , 2020, 11, 418.	2.4	22
7778	Feeder-free generation and transcriptome characterization of functional mesenchymal stromal cells from human pluripotent stem cells. <i>Stem Cell Research</i> , 2020, 48, 101990.	0.3	14
7779	A Xeno-Free Strategy for Derivation of Human Umbilical Vein Endothelial Cells and Whartonâ€™s Jelly Derived Mesenchymal Stromal Cells: A Feasibility Study toward Personal Cell and Vascular Based Therapy. <i>Stem Cells International</i> , 2020, 2020, 1-8.	1.2	3
7780	Osteogenic differentiation potential of porcine bone marrow mesenchymal stem cell subpopulations selected in different basal media. <i>Biology Open</i> , 2020, 9, .	0.6	31

#	ARTICLE	IF	CITATIONS
7781	Efficacy of Biologics for Ligamentous and Tendon Healing. Operative Techniques in Sports Medicine, 2020, 28, 150755.	0.2	2
7782	Antioxidant and Biological Properties of Mesenchymal Cells Used for Therapy in Retinitis Pigmentosa. Antioxidants, 2020, 9, 983.	2.2	9
7783	Mesenchymal Stem Cells as a Bio Organ for Treatment of Female Infertility. Cells, 2020, 9, 2253.	1.8	58
7784	Identification and characterization of a large source of primary mesenchymal stem cells tightly adhered to bone surfaces of human vertebral body marrow cavities. Cytotherapy, 2020, 22, 617-628.	0.3	9
7785	Endothelial, pericyte and tumor cell expression in glioblastoma identifies fibroblast activation protein (FAP) as an excellent target for immunotherapy. Clinical and Translational Immunology, 2020, 9, e1191.	1.7	34
7786	Mesenchymal stem cell tailored bioengineered scaffolds derived from bubaline diaphragm and aortic matrices for reconstruction of abdominal wall defects. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1763-1778.	1.3	6
7787	IL-17 Triggers Invasive and Migratory Properties in Human MSCs, while IFN γ Favors their Immunosuppressive Capabilities: Implications for the "Licensing" Process. Stem Cell Reviews and Reports, 2020, 16, 1266-1279.	1.7	5
7788	Comparison of similar cells: Mesenchymal stromal cells and fibroblasts. Acta Histochemica, 2020, 122, 151634.	0.9	28
7789	Mineralized Human Amniotic Membrane as a Biomimetic Scaffold for Hard Tissue Engineering Applications. ACS Biomaterials Science and Engineering, 2020, 6, 6285-6298.	2.6	10
7790	Isolation and Characterization of Multipotent Canine Urine-Derived Stem Cells. Stem Cells International, 2020, 2020, 1-12.	1.2	5
7791	Mesenchymal stromal cells for osteonecrosis. Journal of Translational Medicine, 2020, 18, 399.	1.8	16
7792	Systematic review assessing the evidence for the use of stem cells in fracture healing. Bone & Joint Open, 2020, 1, 628-638.	1.1	6
7793	Mesenchymal stem cell therapy combined with arthroscopic abrasion arthroplasty regenerates cartilage in patients with severe knee osteoarthritis: a case series. Regenerative Medicine, 2020, 15, 1957-1977.	0.8	11
7794	Combined Transplantation of Mesenchymal Stem Cells and Endothelial Colony-Forming Cells Accelerates Refractory Diabetic Foot Ulcer Healing. Stem Cells International, 2020, 2020, 1-13.	1.2	20
7795	Human Mesenchymal Stromal Cell Secretome Promotes the Immunoregulatory Phenotype and Phagocytosis Activity in Human Macrophages. Cells, 2020, 9, 2142.	1.8	7
7796	Improving hematopoietic engraftment: Potential role of mesenchymal stromal cell-derived extracellular vesicles. Stem Cells, 2021, 39, 26-32.	1.4	13
7797	Amniotic fluid mesenchymal stromal cells from early stages of embryonic development have higher self-renewal potential. In Vitro Cellular and Developmental Biology - Animal, 2020, 56, 701-714.	0.7	3
7798	Identification of hepatic progenitor cells in the canine fetal liver. Research in Veterinary Science, 2020, 133, 239-245.	0.9	1

#	ARTICLE	IF	CITATIONS
7799	Myocardin-Related Transcription Factor A (MRTF-A) Regulates the Balance between Adipogenesis and Osteogenesis of Human Adipose Stem Cells. <i>Stem Cells International</i> , 2020, 2020, 1-17.	1.2	7
7800	Mesenchymal Stromal Cell Immunology for Efficient and Safe Treatment of Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 567813.	1.8	21
7801	Stromal cells cultivated from the choroid of human eyes display a mesenchymal stromal cell (MSC) phenotype and inhibit the proliferation of choroidal vascular endothelial cells in vitro. <i>Experimental Eye Research</i> , 2020, 200, 108201.	1.2	4
7802	Strategies for scalable manufacturing and translation of MSC-derived extracellular vesicles. <i>Stem Cell Research</i> , 2020, 48, 101978.	0.3	54
7803	Comparison of umbilical cord tissue-derived mesenchymal stromal cells isolated from cryopreserved material and extracted by explantation and digestion methods utilizing a split manufacturing model. <i>Cytotherapy</i> , 2020, 22, 581-591.	0.3	15
7804	Analysis of cell-biomaterial interaction through cellular bridge formation in the interface between hCMSCs and CaP bioceramics. <i>Scientific Reports</i> , 2020, 10, 16493.	1.6	12
7805	Clinical Trials of Stem Cell Therapy for Cerebral Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7380.	1.8	92
7806	Costimulatory Effect of Rough Calcium Phosphate Coating and Blood Mononuclear Cells on Adipose-Derived Mesenchymal Stem Cells In Vitro as a Model of In Vivo Tissue Repair. <i>Materials</i> , 2020, 13, 4398.	1.3	11
7807	Metformin enhances osteogenic differentiation of stem cells from human exfoliated deciduous teeth through AMPK pathway. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1869-1879.	1.3	22
7808	Mesenchymal stem cell immunomodulation and regeneration therapeutics as an ameliorative approach for COVID-19 pandemics. <i>Life Sciences</i> , 2020, 263, 118588.	2.0	32
7809	Isolation and Characterization of Human Synovial Fluid-Derived Mesenchymal Stromal Cells from Popliteal Cyst. <i>Stem Cells International</i> , 2020, 2020, 1-15.	1.2	2
7810	Umbilical cord blood-derived mesenchymal stromal cells promote myeloid-derived suppressor cell proliferation by secreting HLA-G to reduce acute graft-versus-host disease after hematopoietic stem cell transplantation. <i>Cytotherapy</i> , 2020, 22, 718-733.	0.3	20
7811	Efficient Non-Viral Gene Modification of Mesenchymal Stromal Cells from Umbilical Cord Wharton's Jelly with Polyethylenimine. <i>Pharmaceutics</i> , 2020, 12, 896.	2.0	6
7812	The immunomodulatory effects of mesenchymal stromal cell-based therapy in human and animal models of systemic lupus erythematosus. <i>IUBMB Life</i> , 2020, 72, 2366-2381.	1.5	32
7813	Secretome studies of mesenchymal stromal cells (MSCs) isolated from three tissue sources reveal subtle differences in potency. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020, 56, 689-700.	0.7	27
7814	Mesenchymal Stem Cells in Synovial Fluid Increase in Knees with Degenerative Meniscus Injury after Arthroscopic Procedures through the Endogenous Effects of CGRP and HGF. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1305-1315.	1.7	14
7815	A novel transgenic mouse model for corneal scar visualization. <i>Experimental Eye Research</i> , 2020, 200, 108270.	1.2	6
7816	Effects of mesenchymal stem cells transplantation on multiple sclerosis patients. <i>Neuropeptides</i> , 2020, 84, 102095.	0.9	11

#	ARTICLE	IF	CITATIONS
7817	Stem Cells and Their Cardiac Derivatives for Cardiac Tissue Engineering and Regenerative Medicine. Antioxidants and Redox Signaling, 2021, 35, 143-162.	2.5	12
7818	Characteristic comparison between canine and human dental mesenchymal stem cells for periodontal regeneration research in preclinical animal studies. Tissue and Cell, 2020, 67, 101405.	1.0	6
7819	A Scoping Review of Registered Clinical Trials of Cellular Therapy for COVID-19 and a Framework for Accelerated Synthesis of Trial Evidenceâ€”FAST Evidence. Transfusion Medicine Reviews, 2020, 34, 165-171.	0.9	18
7820	Mesenchymal stem cell therapy for liver fibrosis/cirrhosis. Annals of Translational Medicine, 2020, 8, 562-562.	0.7	44
7821	Mesenchymal Stromal Cell Uses for Acute Kidney Injuryâ€”Current Available Data and Future Perspectives: A Mini-Review. Frontiers in Immunology, 2020, 11, 1369.	2.2	13
7822	Bioreactor Parameters for Microcarrier-Based Human MSC Expansion under Xeno-Free Conditions in a Vertical-Wheel System. Bioengineering, 2020, 7, 73.	1.6	33
7823	Establishing a technique for isolation and characterization of human periodontal ligament derived mesenchymal stem cells. Saudi Dental Journal, 2021, 33, 693-701.	0.5	12
7824	Enhanced Osteogenic Differentiation of Human Primary Mesenchymal Stem and Progenitor Cultures on Graphene Oxide/Poly(methyl methacrylate) Composite Scaffolds. Materials, 2020, 13, 2991.	1.3	11
7825	Distal-Less Homeobox 5 Is a Therapeutic Target for Attenuating Hypertrophy and Apoptosis of Mesenchymal Progenitor Cells. International Journal of Molecular Sciences, 2020, 21, 4823.	1.8	7
7826	Adipose tissue-derived stromal cells stimulated macrophages-endothelial cells interactions promote effective ischemic muscle neovascularization. European Journal of Pharmacology, 2020, 883, 173354.	1.7	6
7827	Immortalizing Mesenchymal Stromal Cells from Aged Donors While Keeping Their Essential Features. Stem Cells International, 2020, 2020, 1-24.	1.2	10
7828	Bone Marrow-derived Mesenchymal Stem Cells and Chronic Allograft Disease in a Bronchiolitis Obliterans Animal Model. Archivos De Bronconeumologia, 2020, 56, 149-156.	0.4	0
7829	First-in-human PeriCord cardiac bioimplant: Scalability and GMP manufacturing of an allogeneic engineered tissue graft. EBioMedicine, 2020, 54, 102729.	2.7	27
7830	Laser sterilization of hydroxyapatite implants as an alternative to using radioactive facility. Optik, 2020, 218, 165200.	1.4	2
7831	Autologous bone marrow mesenchymal stromal cell therapy for â€œno-optionâ€”critical limb ischemia is limited by karyotype abnormalities. Cytotherapy, 2020, 22, 313-321.	0.3	26
7832	Cytotoxicity of fluconazole on canine dental pulp-derived stem cells. Journal of Oral Biology and Craniofacial Research, 2020, 10, 361-368.	0.8	0
7833	Rationale for the Use of Orthobiologics in Sports Medicine. Operative Techniques in Sports Medicine, 2020, 28, 150753.	0.2	2
7834	Extrinsic modulation of integrin $\beta 6$ and progenitor cell behavior in mesenchymal stem cells. Stem Cell Research, 2020, 47, 101899.	0.3	16

#	ARTICLE	IF	CITATIONS
7835	Genetically Modified Mesenchymal Stromal/Stem Cells: Application in Critical Illness. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 812-827.	1.7	26
7836	Clarifying the Tooth-Derived Stem Cells Behavior in a 3D Biomimetic Scaffold for Bone Tissue Engineering Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 724.	2.0	21
7837	Mechanisms behind the Immunoregulatory Dialogue between Mesenchymal Stem Cells and Th17 Cells. <i>Cells</i> , 2020, 9, 1660.	1.8	28
7838	Clinical Application Status of Articular Cartilage Regeneration Techniques: Tissue-Engineered Cartilage Brings New Hope. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	71
7839	TNF α /TNFR2 signaling pathway: an active immune checkpoint for mesenchymal stem cell immunoregulatory function. <i>Stem Cell Research and Therapy</i> , 2020, 11, 281.	2.4	49
7840	Biofunctional Materials for Bone and Cartilage Tissue Engineering. , 2022, , 185-194.		1
7841	BMMSC-sEV-derived miR-328a-3p promotes ECM remodeling of damaged urethral sphincters via the Sirt7/TGF β 2 signaling pathway. <i>Stem Cell Research and Therapy</i> , 2020, 11, 286.	2.4	10
7842	Intra-articular injections of allogeneic human adipose-derived mesenchymal progenitor cells in patients with symptomatic bilateral knee osteoarthritis: a Phase I pilot study. <i>Regenerative Medicine</i> , 2020, 15, 1625-1636.	0.8	23
7843	DNA damage repair response in mesenchymal stromal cells: From cellular senescence and aging to apoptosis and differentiation ability. <i>Ageing Research Reviews</i> , 2020, 62, 101125.	5.0	35
7844	Adipose stem cells from type 2 diabetic mice exhibit therapeutic potential in wound healing. <i>Stem Cell Research and Therapy</i> , 2020, 11, 298.	2.4	24
7845	Extracellular vesicles from deciduous pulp stem cells recover bone loss by regulating telomerase activity in an osteoporosis mouse model. <i>Stem Cell Research and Therapy</i> , 2020, 11, 296.	2.4	28
7846	Systematic Review: Allogenic Use of Stromal Vascular Fraction (SVF) and Decellularized Extracellular Matrices (ECM) as Advanced Therapy Medicinal Products (ATMP) in Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4982.	1.8	71
7847	Biomaterials and Cellular Systems at the Forefront of Peripheral Nerve Regeneration. , 0, ,		3
7848	Live reporting for hypoxia: Hypoxia sensor α -modified mesenchymal stem cells as in vitro reporters. <i>Biotechnology and Bioengineering</i> , 2020, 117, 3265-3276.	1.7	16
7849	Oriented immobilization of basic fibroblast growth factor: Bioengineered surface design for the expansion of human mesenchymal stromal cells. <i>Scientific Reports</i> , 2020, 10, 8762.	1.6	7
7850	A protocol for primary isolation and culture of adipose-derived stem cells and their phenotypic profile. <i>Alexandria Journal of Medicine</i> , 2020, 56, 42-50.	0.4	5
7851	Immune Tolerance Induction Using Cell-Based Strategies in Liver Transplantation: Clinical Perspectives. <i>Frontiers in Immunology</i> , 2020, 11, 1723.	2.2	11
7852	Culture Time Needed to Scale up Infrapatellar Fat Pad Derived Stem Cells for Cartilage Regeneration: A Systematic Review. <i>Bioengineering</i> , 2020, 7, 69.	1.6	5

#	ARTICLE	IF	CITATIONS
7853	Adipose Tissue: A Source of Stem Cells with Potential for Regenerative Therapies for Wound Healing. <i>Journal of Clinical Medicine</i> , 2020, 9, 2161.	1.0	19
7854	Bone marrow mesenchymal stem cells as a possible ruxolitinib reservoir in the bone marrow niche. <i>EJHaem</i> , 2020, 1, 356-360.	0.4	0
7855	In Vitro Study of Degradation Behavior, Cytotoxicity, and Cell Adhesion of the Atactic Polylactic Acid for Biomedical Purposes. <i>Journal of Polymers and the Environment</i> , 2020, 28, 2652-2660.	2.4	12
7856	Cannabidiol and Vitamin D3 Impact on Osteogenic Differentiation of Human Dental Mesenchymal Stem Cells. <i>Medicina (Lithuania)</i> , 2020, 56, 607.	0.8	18
7857	Chondrogenic differentiation of Wharton's Jelly mesenchymal stem cells on silk spideroin-fibroin mix scaffold supplemented with L-ascorbic acid and platelet rich plasma. <i>Scientific Reports</i> , 2020, 10, 19449.	1.6	18
7858	Vasculogenesis from Human Dental Pulp Stem Cells Grown in Matrigel with Fully Defined Serum-Free Culture Media. <i>Biomedicines</i> , 2020, 8, 483.	1.4	23
7859	Cryopreservation of Mesenchymal Stem Cells Using Medical Grade Ice Nucleation Inducer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8579.	1.8	11
7860	Proteomic Profiling of the Human Fetal Multipotent Mesenchymal Stromal Cells Secretome. <i>Molecules</i> , 2020, 25, 5283.	1.7	4
7861	In vitro chondral culture under compression and shear stimuli. From mesenchymal stem cells to hyaline cartilage. <i>Revista Española De Cirugía Ortopédica Y Traumatología</i> , 2020, 64, 380-387.	0.1	0
7862	Replicative Senescence and Expression of Autophagy Genes in Mesenchymal Stromal Cells. <i>Biochemistry (Moscow)</i> , 2020, 85, 1169-1177.	0.7	5
7863	Process data of allogeneic ex vivo-expanded ABCB5+ mesenchymal stromal cells for human use: off-the-shelf GMP-manufactured donor-independent ATMP. <i>Stem Cell Research and Therapy</i> , 2020, 11, 482.	2.4	17
7864	Tumor Microenvironment Uses a Reversible Reprogramming of Mesenchymal Stromal Cells to Mediate Pro-tumorigenic Effects. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 545126.	1.8	15
7865	Mesenchymal Stem Cells (MSCs) as a Potential Therapeutic Strategy in COVID-19 Patients: Literature Research. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 602647.	1.8	25
7866	Therapeutic Effects of Human Mesenchymal Stem Cells in a Mouse Model of Cerebellar Ataxia with Neuroinflammation. <i>Journal of Clinical Medicine</i> , 2020, 9, 3654.	1.0	5
7867	Mesenchymal Stem Cells in Multiple Sclerosis: Recent Evidence from Pre-Clinical to Clinical Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8662.	1.8	40
7868	Cultivo condral in vitro bajo estímulos de compresión y cizallamiento. De las células troncales mesenquimales al cartílago hialino. <i>Revista Española De Cirugía Ortopédica Y Traumatología</i> , 2020, 64, 380-387.	0.1	0
7869	Challenges and translational considerations of mesenchymal stem/stromal cell therapy for Parkinson's disease. <i>Npj Regenerative Medicine</i> , 2020, 5, 20.	2.5	44
7870	Human adipose-derived stem cells enriched with VEGF-modified mRNA promote angiogenesis and long-term graft survival in a fat graft transplantation model. <i>Stem Cell Research and Therapy</i> , 2020, 11, 490.	2.4	31

#	ARTICLE	IF	CITATIONS
7871	In vitro preconditioning of equine adipose mesenchymal stem cells with prostaglandin E2, substance P and their combination changes the cellular protein secretomics and improves their immunomodulatory competence without compromising stemness. <i>Veterinary Immunology and Immunopathology</i> , 2020, 228, 110100.	0.5	8
7872	The efficacy of mesenchymal stromal cell-derived therapies for acute respiratory distress syndrome—a meta-analysis of preclinical trials. <i>Respiratory Research</i> , 2020, 21, 307.	1.4	10
7873	Extracellular Vesicle-Dependent Communication Between Mesenchymal Stromal Cells and Immune Effector Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 596079.	1.8	35
7874	Morphological and Molecular Features of Porcine Mesenchymal Stem Cells Derived From Different Types of Synovial Membrane, and Genetic Background of Cell Donors. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 601212.	1.8	2
7875	Regenerative Medicine and Eye Diseases. , 0, , .		0
7876	Mesenchymal stem cells: amazing remedies for bone and cartilage defects. <i>Stem Cell Research and Therapy</i> , 2020, 11, 492.	2.4	128
7877	Effect of 20(S)-Hydroxycholesterol on Multilineage Differentiation of Mesenchymal Stem Cells Isolated from Compact Bones in Chicken. <i>Genes</i> , 2020, 11, 1360.	1.0	9
7878	Dental pulp stem cells response on the nanotopography of scaffold to regenerate dentin-pulp complex tissue. <i>Regenerative Therapy</i> , 2020, 15, 243-250.	1.4	14
7879	Microarray analysis identification of key pathways and interaction network of differential gene expressions during osteogenic differentiation. <i>Human Genomics</i> , 2020, 14, 43.	1.4	9
7880	The Effect of Angiotensin II, Retinoic Acid, EGCG, and Vitamin C on the Cardiomyogenic Differentiation Induction of Human Amniotic Fluid-Derived Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8752.	1.8	4
7881	Comparison of Biocompatibility of Calcium Silicate-Based Sealers and Epoxy Resin-Based Sealer on Human Periodontal Ligament Stem Cells. <i>Materials</i> , 2020, 13, 5242.	1.3	31
7882	Lung Multipotent Stem Cells of Mesenchymal Nature: Cellular Basis, Clinical Relevance, and Implications for Stem Cell Therapy. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 204-216.	2.5	10
7883	Human levator veli palatini muscle: a novel source of mesenchymal stromal cells for use in the rehabilitation of patients with congenital craniofacial malformations. <i>Stem Cell Research and Therapy</i> , 2020, 11, 501.	2.4	3
7884	Potential Benefits of Allogeneic Haploidentical Adipose Tissue-Derived Stromal Vascular Fraction in a Hutchinson—Gilford Progeria Syndrome Patient. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 574010.	2.0	3
7885	Administration of Human MSC-Derived Extracellular Vesicles for the Treatment of Primary Sclerosing Cholangitis: Preclinical Data in MDR2 Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8874.	1.8	15
7886	Differentiation Potential of Mesenchymal Stem/Stromal Cells Is Altered by Intrauterine Growth Restriction. <i>Frontiers in Veterinary Science</i> , 2020, 7, 558905.	0.9	7
7887	Systems biology analysis of osteogenic differentiation behavior by canine mesenchymal stem cells derived from bone marrow and dental pulp. <i>Scientific Reports</i> , 2020, 10, 20703.	1.6	15
7888	Generation of Mesenchymal Stromal Cells with Low Immunogenicity from Human PBMC-Derived β 2 Microglobulin Knockout Induced Pluripotent Stem Cells. <i>Cell Transplantation</i> , 2020, 29, 096368972096552.	1.2	9

#	ARTICLE	IF	CITATIONS
7889	Gingival-Derived Mesenchymal Stem Cell from Rabbit (<i>Oryctolagus cuniculus</i>): Isolation, Culture, and Characterization. <i>European Journal of Dentistry</i> , 2020, 15, 332-339.	0.8	8
7890	Evaluation of the Effectiveness of Mesenchymal Stem Cells of the Placenta and Their Conditioned Medium in Local Radiation Injuries. <i>Cells</i> , 2020, 9, 2558.	1.8	5
7891	TNFR2 Is a Crucial Hub Controlling Mesenchymal Stem Cell Biological and Functional Properties. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 596831.	1.8	38
7892	Cell-Based Therapy Manufacturing in Stirred Suspension Bioreactor: Thoughts for cGMP Compliance. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 599674.	2.0	18
7893	Comparing the Effect of TGF- β 2 Receptor Inhibition on Human Perivascular Mesenchymal Stromal Cells Derived from Endometrium, Bone Marrow and Adipose Tissues. <i>Journal of Personalized Medicine</i> , 2020, 10, 261.	1.1	8
7894	Single-cell RNA sequencing of equine mesenchymal stromal cells from primary donor-matched tissue sources reveals functional heterogeneity in immune modulation and cell motility. <i>Stem Cell Research and Therapy</i> , 2020, 11, 524.	2.4	27
7895	A review of <i>in vitro</i> cell culture testing methods for bioactive glasses and other biomaterials for hard tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10941-10953.	2.9	30
7896	Long-Term Cryostorage of Mesenchymal Stem Cell-Containing Hybrid Hydrogel Scaffolds Based on Fibrin and Collagen. <i>Gels</i> , 2020, 6, 44.	2.1	6
7897	Cytocompatibility and Bioactive Properties of Hydraulic Calcium Silicate-Based Cements (HCSCs) on Stem Cells from Human Exfoliated Deciduous Teeth (SHEDs): A Systematic Review of In Vitro Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 3872.	1.0	12
7898	Activation of mesenchymal stem cells promotes new bone formation within dentigerous cyst. <i>Stem Cell Research and Therapy</i> , 2020, 11, 476.	2.4	3
7899	Application of Mesenchymal Stem Cells in Inflammatory and Fibrotic Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8366.	1.8	25
7900	Bone marrow-derived mesenchymal stem cells attenuate pulmonary inflammation and lung damage caused by highly pathogenic avian influenza A/H5N1 virus in BALB/c mice. <i>BMC Infectious Diseases</i> , 2020, 20, 823.	1.3	14
7901	Umbilical Cord-Derived CD362+ Mesenchymal Stromal Cells Attenuate Polymicrobial Sepsis Induced by Caecal Ligation and Puncture. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8270.	1.8	10
7902	Mesenchymal Stromal Cells Attenuate Infection-Induced Acute Respiratory Distress Syndrome in Animal Experiments: A Meta-Analysis. <i>Cell Transplantation</i> , 2020, 29, 096368972096918.	1.2	11
7903	Human bone marrow-derived mesenchymal stem cells from different bone sources: a panorama. <i>Stem Cell Investigation</i> , 2020, 7, 15-15.	1.3	11
7904	Biopolymer Hydrogel Scaffold as an Artificial Cell Niche for Mesenchymal Stem Cells. <i>Polymers</i> , 2020, 12, 2550.	2.0	14
7905	Aryl hydrocarbon receptor in mesenchymal stromal cells: new frontiers in AhR biology. <i>FEBS Journal</i> , 2020, 288, 3962-3972.	2.2	6
7906	Augmenting emergency granulopoiesis with CpG conditioned mesenchymal stromal cells in murine neutropenic sepsis. <i>Blood Advances</i> , 2020, 4, 4965-4979.	2.5	9

#	ARTICLE	IF	CITATIONS
7907	Evaluation of autologous adipose-derived mesenchymal stem cell therapy in focal chondral defects of the knee: a pilot case series. <i>Regenerative Medicine</i> , 2020, 15, 1703-1717.	0.8	10
7908	Mesenchymal stem cell therapy for ischemic stroke: A look into treatment mechanism and therapeutic potential. <i>Journal of Neurology</i> , 2021, 268, 4095-4107.	1.8	54
7909	Decidual mesenchymal stem/stromal cell-derived extracellular vesicles ameliorate endothelial cell proliferation, inflammation, and oxidative stress in a cell culture model of preeclampsia. <i>Pregnancy Hypertension</i> , 2020, 22, 37-46.	0.6	19
7910	Exploring the Potential of Mesenchymal Stem Cell-Based Therapy in Mouse Models of Vascular Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5524.	1.8	2
7911	3D Bioprinting in Tissue Engineering for Medical Applications: The Classic and the Hybrid. <i>Polymers</i> , 2020, 12, 1717.	2.0	76
7912	In Vitro Study of Extracellular Vesicles Migration in Cartilage-Derived Osteoarthritis Samples Using Real-Time Quantitative Multimodal Nonlinear Optics Imaging. <i>Pharmaceutics</i> , 2020, 12, 734.	2.0	14
7913	GMP-compliant sponge-like dressing containing MSC lyo-secretome: Proteomic network of healing in a murine wound model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 155, 37-48.	2.0	34
7914	Discarded plasma obtained after cord blood volume reduction as an alternative for fetal calf serum in mesenchymal stromal cells cultures. <i>Transfusion</i> , 2020, 60, 1910-1917.	0.8	4
7915	Placental Mesenchymal Stromal Cells (PMSCs) and PMSC-Derived Extracellular Vesicles (PMSC-EVs) Attenuated Renal Fibrosis in Rats with Unilateral Ureteral Obstruction (UUO) by Regulating CD4 ⁺ T Cell Polarization. <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	15
7916	Current Medical Therapy and Future Trends in the Management of Glaucoma Treatment. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-14.	0.6	54
7917	Mesenchymal stromal cell therapies: immunomodulatory properties and clinical progress. <i>Stem Cell Research and Therapy</i> , 2020, 11, 345.	2.4	158
7918	Successful Introduction of Human Renovascular Units into the Mammalian Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2757-2772.	3.0	12
7919	Implementation of Endogenous and Exogenous Mesenchymal Progenitor Cells for Skeletal Tissue Regeneration and Repair. <i>Bioengineering</i> , 2020, 7, 86.	1.6	9
7920	Characterization of human articular chondrocytes and chondroprogenitors derived from non-diseased and osteoarthritic knee joints to assess superiority for cell-based therapy. <i>Acta Histochemica</i> , 2020, 122, 151588.	0.9	17
7921	CD34 positive cells isolated from traumatized human skeletal muscle require the CD34 protein for multi-potential differentiation. <i>Cellular Signalling</i> , 2020, 74, 109711.	1.7	3
7922	Nanosecond pulsed electric fields enhance mesenchymal stem cells differentiation via DNMT1-regulated OCT4/NANOG gene expression. <i>Stem Cell Research and Therapy</i> , 2020, 11, 308.	2.4	17
7923	The rationale of using mesenchymal stem cells in patients with COVID-19-related acute respiratory distress syndrome: What to expect. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1287-1302.	1.6	45
7924	Topical cell-free conditioned media harvested from adipose tissue-derived stem cells promote recovery from corneal epithelial defects caused by chemical burns. <i>Scientific Reports</i> , 2020, 10, 12448.	1.6	13

#	ARTICLE	IF	CITATIONS
7925	Comparison of immunogenic markers of human chondrocytes and chondroprogenitors derived from non-diseased and osteoarthritic articular cartilage. <i>Journal of Orthopaedics, Trauma and Rehabilitation</i> , 2020, 27, 63-67.	0.1	0
7926	Photoaging Skin Therapy with PRP and ADSC: A Comparative Study. <i>Stem Cells International</i> , 2020, 2020, 1-13.	1.2	16
7927	Effect of Vitamins D and E on the Proliferation, Viability, and Differentiation of Human Dental Pulp Stem Cells: An In Vitro Study. <i>International Journal of Dentistry</i> , 2020, 2020, 1-10.	0.5	6
7928	Immunomodulatory properties of bone marrow mesenchymal stem cells. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	16
7929	Non-toxic freezing media to retain the stem cell reserves in adipose tissues. <i>Cryobiology</i> , 2020, 96, 137-144.	0.3	5
7930	Mesenchymal Stem Cell Immunomodulation: Mechanisms and Therapeutic Potential. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 653-664.	4.0	379
7931	Shattering barriers toward clinically meaningful MSC therapies. <i>Science Advances</i> , 2020, 6, eaba6884.	4.7	351
7932	Multimiomics global landscape of stemness-related gene clusters in adipose-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 310.	2.4	8
7933	Therapeutic applications of adipose cell-free derivatives: a review. <i>Stem Cell Research and Therapy</i> , 2020, 11, 312.	2.4	89
7934	The Coronavirus Pandemic (SARS-CoV-2): New Problems Demand New Solutions, the Alternative of Mesenchymal (Stem) Stromal Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 645.	1.8	11
7935	In vitro Evaluation of the Anti-inflammatory Effects of Thymoquinone in Osteoarthritis and in silico Analysis of Inter-Related Pathways in Age-Related Degenerative Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 646.	1.8	22
7936	Immunosuppressive Property of MSCs Mediated by Cell Surface Receptors. <i>Frontiers in Immunology</i> , 2020, 11, 1076.	2.2	61
7937	Prospective isolation of human fibroadipogenic progenitors with CD73. <i>Heliyon</i> , 2020, 6, e04503.	1.4	7
7938	Efficient Isolation and Enrichment of Mesenchymal Stem Cells from Human Embryonic Stem Cells by Utilizing the Interaction between Integrin $\alpha 5 \beta 1$ and Fibronectin. <i>Advanced Science</i> , 2020, 7, 2001365.	5.6	10
7939	Mesenchymal stromal cells maintain the major quality attributes when expanded in different bioreactor systems. <i>Biochemical Engineering Journal</i> , 2020, 161, 107693.	1.8	4
7940	Randomized clinical trial: expanded autologous bone marrow mesenchymal cells combined with allogeneic bone tissue, compared with autologous iliac crest graft in lumbar fusion surgery. <i>Spine Journal</i> , 2020, 20, 1899-1910.	0.6	21
7941	Recent Advances on Drug-Loaded Mesenchymal Stem Cells With Anti-neoplastic Agents for Targeted Treatment of Cancer. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 748.	2.0	64
7942	The Application of MSCs-Derived Extracellular Vesicles in Bone Disorders: Novel Cell-Free Therapeutic Strategy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 619.	1.8	30

#	ARTICLE	IF	CITATIONS
7943	Vitamin D3 and Dental Mesenchymal Stromal Cells. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4527.	1.3	6
7944	Effects of Cryogenic Storage on Human Amnion Epithelial Cells. <i>Cells</i> , 2020, 9, 1696.	1.8	12
7945	Adipose Tissue-Derived Stem Cells: The Biologic Basis and Future Directions for Tissue Engineering. <i>Materials</i> , 2020, 13, 3210.	1.3	26
7946	Umbilical Cord Mesenchymal Stem Cells in Amyotrophic Lateral Sclerosis: an Original Study. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 922-932.	1.7	30
7947	Large-Scale Expansion of Human Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2020, 2020, 1-17.	1.2	50
7948	Niches for Skeletal Stem Cells of Mesenchymal Origin. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 592.	1.8	50
7949	Inactivated Platelet Lysate Supports the Proliferation and Immunomodulant Characteristics of Mesenchymal Stromal Cells in GMP Culture Conditions. <i>Biomedicines</i> , 2020, 8, 220.	1.4	4
7950	HLA-G Expression in Human Mesenchymal Stem Cells (MSCs) Is Related to Unique Methylation Pattern in the Proximal Promoter as well as Gene Body DNA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5075.	1.8	14
7951	A Novel Synthetic, Xeno-Free Biomimetic Surface for Serum-Free Expansion of Human Mesenchymal Stromal Cells. <i>Advanced Biology</i> , 2020, 4, 2000008.	3.0	7
7952	The Effect of Hyperbaric Oxygen Therapy on Human Adipose-Derived Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 309-320.	0.7	13
7953	In Vitro Cultures of Adipose-Derived Stem Cells: An Overview of Methods, Molecular Analyses, and Clinical Applications. <i>Cells</i> , 2020, 9, 1783.	1.8	22
7954	Comparative study between human mesenchymal stem cells and etanercept as immunomodulatory agents in rat model of rheumatoid arthritis. <i>Immunologic Research</i> , 2020, 68, 255-268.	1.3	9
7955	Direct lineage tracing reveals Activin- α potential for improved pancreatic homing of bone marrow mesenchymal stem cells and efficient γ -cell regeneration in vivo. <i>Stem Cell Research and Therapy</i> , 2020, 11, 327.	2.4	9
7956	Exosome: A New Player in Translational Nanomedicine. <i>Journal of Clinical Medicine</i> , 2020, 9, 2380.	1.0	47
7957	Quality control and immunomodulatory potential for clinical-grade equine bone marrow-derived mesenchymal stromal cells and conditioned medium. <i>Research in Veterinary Science</i> , 2020, 132, 407-415.	0.9	3
7958	Ganoderic Acid D Protects Human Amniotic Mesenchymal Stem Cells against Oxidative Stress-Induced Senescence through the PERK/NRF2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-18.	1.9	20
7959	Umbilical Cord-Derived Mesenchymal Stem Cells Are Able to Use bFGF Treatment and Represent a Superb Tool for Immunosuppressive Clinical Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5366.	1.8	17
7960	Mesenchymal stromal cell-derived factors promote the colonization of collagen 3D scaffolds with human skin cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9692-9704.	1.6	9

#	ARTICLE	IF	CITATIONS
7961	Mesenchymal Stem Cells in Aplastic Anemia and Myelodysplastic Syndromes: The "Seed and Soil" Crosstalk. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5438.	1.8	20
7962	Antibacterial Fusion Protein BPI21/LL-37 Modification Enhances the Therapeutic Efficacy of hUC-MSCs in Sepsis. <i>Molecular Therapy</i> , 2020, 28, 1806-1817.	3.7	8
7963	An ex vivo investigation of interactions between primary acute myeloid leukaemia and mesenchymal stromal cells yields novel therapeutic targets. <i>British Journal of Haematology</i> , 2020, 190, e236-e239.	1.2	0
7964	Head and Neck Cancer Stem Cell-Enriched Spheroid Model for Anticancer Compound Screening. <i>Cells</i> , 2020, 9, 1707.	1.8	15
7965	<i>Stem Cell Therapy</i> , 2020, , 637-667.		0
7966	From fatty hepatocytes to impaired bile flow: Matching model systems for liver biology and disease. <i>Biochemical Pharmacology</i> , 2020, 180, 114173.	2.0	7
7967	Respective stemness and chondrogenic potential of mesenchymal stem cells isolated from human bone marrow, synovial membrane, and synovial fluid. <i>Stem Cell Research and Therapy</i> , 2020, 11, 316.	2.4	22
7968	Microcurrent and adipose-derived stem cells modulate genes expression involved in the structural recovery of transected tendon of rats. <i>FASEB Journal</i> , 2020, 34, 10011-10026.	0.2	3
7969	Liver regeneration and alcoholic liver disease. <i>Annals of Translational Medicine</i> , 2020, 8, 567-567.	0.7	11
7970	Microencapsulation of cellular aggregates composed of differentiated insulin and glucagon-producing cells from human mesenchymal stem cells derived from adipose tissue. <i>Diabetology and Metabolic Syndrome</i> , 2020, 12, 66.	1.2	7
7971	Mesenchymal Stem/Stromal Cells for Rheumatoid Arthritis Treatment: An Update on Clinical Applications. <i>Cells</i> , 2020, 9, 1852.	1.8	75
7972	Recombinant canine basic fibroblast growth factor-induced differentiation of canine bone marrow mesenchymal stem cells into voltage- and glutamate-responsive neuron-like cells. <i>Regenerative Therapy</i> , 2020, 15, 121-128.	1.4	6
7973	Allogeneic synovial membrane-derived mesenchymal stem cells do not significantly affect initial inflammatory parameters in a LPS-induced acute synovitis model. <i>Research in Veterinary Science</i> , 2020, 132, 485-491.	0.9	1
7974	Mesenchymal stem cells to treat liver diseases. <i>Annals of Translational Medicine</i> , 2020, 8, 563-563.	0.7	9
7975	Mesenchymal Stem Cell-Derived Exosomes for Treatment of Autism Spectrum Disorder. <i>ACS Applied Bio Materials</i> , 2020, 3, 6384-6393.	2.3	24
7976	Use of multiple potency assays to evaluate human mesenchymal stromal cells. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, S109-S117.	1.1	7
7977	Mesenchymal Stromal Cell Therapy in the Management of Perianal Fistulas in Crohn's Disease: An Up-To-Date Review. <i>Medicina (Lithuania)</i> , 2020, 56, 563.	0.8	10
7978	Gene Expression Regulation and Secretory Activity of Mesenchymal Stem Cells upon In Vitro Contact with Microarc Calcium Phosphate Coating. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7682.	1.8	6

#	ARTICLE	IF	CITATIONS
7979	Gene Expression Signatures of Synovial Fluid Multipotent Stromal Cells in Advanced Knee Osteoarthritis and Following Knee Joint Distraction. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 579751.	2.0	18
7980	GMSC: Updates of Advances on Its Therapy in Immunological Diseases. , 0, , .		0
7981	Growth and proliferation of caprine bone marrow mesenchymal stem cells on different culture media. <i>Tissue and Cell</i> , 2020, 67, 101446.	1.0	6
7982	One health in regenerative medicine: report on the second Havemeyer symposium on regenerative medicine in horses. <i>Regenerative Medicine</i> , 2020, 15, 1775-1787.	0.8	4
7983	Analysis of Bone Tissue Condition in Patients with Diffuse Large B-Cell Lymphoma without Bone Marrow Involvement. <i>Bulletin of Experimental Biology and Medicine</i> , 2020, 169, 677-682.	0.3	0
7984	Modulated mesenchymal stromal cells improve skin wound healing. <i>Biologicals</i> , 2020, 67, 1-8.	0.5	6
7985	Stem cell properties of Gli1-positive cells in the periodontal ligament. <i>Journal of Oral Biosciences</i> , 2020, 62, 299-305.	0.8	20
7986	The crucial choice of reference genes: identification of miR-191-5p for normalization of miRNAs expression in bone marrow mesenchymal stromal cell and HS27a/HS5 cell lines. <i>Scientific Reports</i> , 2020, 10, 17728.	1.6	15
7987	Mesenchymal stem cell markers in periodontal tissues and periapical lesions. <i>Acta Histochemica</i> , 2020, 122, 151636.	0.9	10
7988	Metabolic and Redox Regulation of Cardiovascular Stem Cell Biology and Pathology. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 163-181.	2.5	4
7989	Mesenchymal stem cell therapy for liver disease: full of chances and challenges. <i>Cell and Bioscience</i> , 2020, 10, 123.	2.1	64
7990	Numerical Methods for the Design and Description of In Vitro Expansion Processes of Human Mesenchymal Stem Cells. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2020, 177, 185-228.	0.6	6
7991	Toll-like Receptor Expression Profile of Human Stem/Progenitor Cells Form the Apical Papilla. <i>Journal of Endodontics</i> , 2020, 46, 1623-1630.	1.4	14
7992	SA/G hydrogel containing hCAP-18/LL-37-engineered WJ-MSCs-derived conditioned medium promoted wound healing in rat model of excision injury. <i>Life Sciences</i> , 2020, 261, 118381.	2.0	22
7993	Insights into the use of mesenchymal stem cells in COVID-19 mediated acute respiratory failure. <i>Npj Regenerative Medicine</i> , 2020, 5, 17.	2.5	48
7994	Topography: A Biophysical Approach to Direct the Fate of Mesenchymal Stem Cells in Tissue Engineering Applications. <i>Nanomaterials</i> , 2020, 10, 2070.	1.9	74
7995	Stem cell therapy for COVID-19, ARDS and pulmonary fibrosis. <i>Cell Proliferation</i> , 2020, 53, e12939.	2.4	71
7996	<i>Daphne mucronata</i> enhances cell proliferation and protects human adipose stem cells against monosodium iodoacetate induced oxidative stress <i>in vitro</i> . <i>Adipocyte</i> , 2020, 9, 495-508.	1.3	7

#	ARTICLE	IF	CITATIONS
7997	Editorial Commentary: Please Don't Call It a Mesenchymal Stem Cell. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 2134-2136.	1.3	6
7998	Combined therapy with adipose tissue-derived mesenchymal stromal cells and meglumine antimoniate controls lesion development and parasite load in murine cutaneous leishmaniasis caused by <i>Leishmania amazonensis</i> . Stem Cell Research and Therapy, 2020, 11, 374.	2.4	5
7999	Impact of human umbilical cord-derived stem cells (HUMSCs) on host responses to a synthetic polypropylene mesh for pelvic floor reconstruction in a rat model. Cell and Tissue Research, 2020, 382, 519-527.	1.5	4
8000	Biomaterials for Bioprinting Microvasculature. Chemical Reviews, 2020, 120, 10887-10949.	23.0	51
8001	Efficacy of Fe ₃ O ₄ @polydopamine nanoparticle-labeled human umbilical cord Wharton's jelly-derived mesenchymal stem cells in the treatment of streptozotocin-induced diabetes in rats. Biomaterials Science, 2020, 8, 5362-5375.	2.6	10
8002	Schwann Cell-Like Cells: Origin and Usability for Repair and Regeneration of the Peripheral and Central Nervous System. Cells, 2020, 9, 1990.	1.8	37
8003	From Mesenchymal Stromal/Stem Cells to Insulin-Producing Cells: Progress and Challenges. Stem Cell Reviews and Reports, 2020, 16, 1156-1172.	1.7	28
8004	Ascorbic Acid, Inflammatory Cytokines (IL-1 β /TNF- α /IFN- γ), or Their Combination's Effect on Stemness, Proliferation, and Differentiation of Gingival Mesenchymal Stem/Progenitor Cells. Stem Cells International, 2020, 2020, 1-14.	1.2	14
8005	Cofilin-1 Is a Mechanosensitive Regulator of Transcription. Frontiers in Cell and Developmental Biology, 2020, 8, 678.	1.8	8
8006	Encapsulation of Adipose-Derived Mesenchymal Stem Cells in Calcium Alginate Maintains Clonogenicity and Enhances their Secretory Profile. International Journal of Molecular Sciences, 2020, 21, 6316.	1.8	10
8007	Cartilage repair using stem cells & biomaterials: advancement from bench to bedside. Molecular Biology Reports, 2020, 47, 8007-8021.	1.0	2
8008	A highly efficient non-viral process for programming mesenchymal stem cells for gene directed enzyme prodrug cancer therapy. Scientific Reports, 2020, 10, 14257.	1.6	17
8009	Isolation and propagation of classical swine fever virus in porcine Wharton's Jelly mesenchymal stem cells. Animal Biotechnology, 2020, , 1-9.	0.7	2
8010	Comparative proteomic analysis of osteogenic differentiated human adipose tissue and bone marrow-derived stromal cells. Journal of Cellular and Molecular Medicine, 2020, 24, 11814-11827.	1.6	7
8011	<i>RASL11B</i> gene enhances hyaluronic acid-mediated chondrogenic differentiation in human amniotic mesenchymal stem cells via the activation of Sox9/ERK/smad signals. Experimental Biology and Medicine, 2020, 245, 1708-1721.	1.1	9
8012	Mesenchymal stem cell-based cell-free strategies: safe and effective treatments for liver injury. Stem Cell Research and Therapy, 2020, 11, 377.	2.4	80
8013	The use of mesenchymal stromal cells in the treatment of coronavirus disease 2019. Journal of Translational Medicine, 2020, 18, 359.	1.8	20
8014	Influence of platelet storage time on human platelet lysates and platelet lysate-expanded mesenchymal stromal cells for bone tissue engineering. Stem Cell Research and Therapy, 2020, 11, 351.	2.4	25

#	ARTICLE	IF	CITATIONS
8015	Emerging Roles of Perivascular Mesenchymal Stem Cells in Synovial Joint Inflammation. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 838-851.	2.1	6
8016	Nasal Polyposis: Insights in Epithelial-Mesenchymal Transition and Differentiation of Polyp Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6878.	1.8	20
8017	The Rationale of Autologously Prepared Bone Marrow Aspirate Concentrate for use in Regenerative Medicine Applications. , 2020, , .		1
8018	Peptidome analysis of umbilical cord mesenchymal stem cell (hUC-MSC) conditioned medium from preterm and term infants. <i>Stem Cell Research and Therapy</i> , 2020, 11, 414.	2.4	5
8019	3D Bioprinting a human iPSC-derived MSC-loaded scaffold for repair of the uterine endometrium. <i>Acta Biomaterialia</i> , 2020, 116, 268-284.	4.1	52
8020	Biomimetic Nanocarriers for Cancer Target Therapy. <i>Bioengineering</i> , 2020, 7, 111.	1.6	34
8021	Potential of Extracellular Vesicle-Associated TSG-6 from Adipose Mesenchymal Stromal Cells in Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6761.	1.8	12
8022	Genetic Engineering as a Strategy to Improve the Therapeutic Efficacy of Mesenchymal Stem/Stromal Cells in Regenerative Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 737.	1.8	52
8023	Multicomponent Non-Woven Fibrous Mats with Balanced Processing and Functional Properties. <i>Polymers</i> , 2020, 12, 1911.	2.0	5
8024	Molecular Crowding “ (in Cell Culture). , 2020, , 483-509.		2
8025	Bone-Marrow-Derived Mesenchymal Stromal Cells: From Basic Biology to Applications in Bone Tissue Engineering and Bone Regeneration. , 2020, , 139-192.		2
8026	Human Embryonic-Derived Mesenchymal Progenitor Cells (hES-MP Cells) are Fully Supported in Culture with Human Platelet Lysates. <i>Bioengineering</i> , 2020, 7, 75.	1.6	3
8027	Dose-Response Tendon-Specific Markers Induction by Growth Differentiation Factor-5 in Human Bone Marrow and Umbilical Cord Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5905.	1.8	18
8028	Pondering the Potential of Hyaline Cartilage“Derived Chondroprogenitors for Tissue Regeneration: A Systematic Review. <i>Cartilage</i> , 2021, 13, 34S-52S.	1.4	17
8029	Human umbilical cord-derived mesenchymal stem cell therapy in patients with COVID-19: a phase 1 clinical trial. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 172.	7.1	236
8030	Magnetic resonance imaging of umbilical cord stem cells labeled with superparamagnetic iron oxide nanoparticles: effects of labelling and transplantation parameters. <i>Scientific Reports</i> , 2020, 10, 13684.	1.6	23
8031	Extracellular Vesicles as a Novel Therapeutic Option in Liver Transplantation. <i>Liver Transplantation</i> , 2020, 26, 1522-1531.	1.3	17
8032	Emerging medical therapies in crush syndrome “ progress report from basic sciences and potential future avenues. <i>Renal Failure</i> , 2020, 42, 656-666.	0.8	14

#	ARTICLE	IF	CITATIONS
8033	Multilineage Differentiation Potential of Human Dental Pulp Stem Cells—Impact of 3D and Hypoxic Environment on Osteogenesis In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6172.	1.8	22
8034	Hematopoietic Stem Cells and Mesenchymal Stromal Cells in Acute Radiation Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	12
8035	Mesenchymal stromal cells protect against vascular damage and depression-like behavior in mice surviving cerebral malaria. <i>Stem Cell Research and Therapy</i> , 2020, 11, 367.	2.4	13
8036	Liver damage in schistosomiasis is reduced by adipose tissue-derived stem cell therapy after praziquantel treatment. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008635.	1.3	9
8037	An In Vitro Comparison of the Neurotrophic and Angiogenic Activity of Human and Canine Adipose-Derived Mesenchymal Stem Cells (MSCs): Translating MSC-Based Therapies for Spinal Cord Injury. <i>Biomolecules</i> , 2020, 10, 1301.	1.8	10
8038	Production, safety and efficacy of iPSC-derived mesenchymal stromal cells in acute steroid-resistant graft versus host disease: a phase I, multicenter, open-label, dose-escalation study. <i>Nature Medicine</i> , 2020, 26, 1720-1725.	15.2	187
8039	Mesenchymal Stem/Progenitor Cells: The Prospect of Human Clinical Translation. <i>Stem Cells International</i> , 2020, 2020, 1-45.	1.2	26
8040	A facile and scalable in production non-viral gene engineered mesenchymal stem cells for effective suppression of temozolomide-resistant (TMZR) glioblastoma growth. <i>Stem Cell Research and Therapy</i> , 2020, 11, 391.	2.4	7
8041	The Immunomodulatory Effects of Mesenchymal Stem Cells on Regulatory B Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1843.	2.2	44
8042	Proteomic study of in vitro osteogenic differentiation of mesenchymal stem cells in high glucose condition. <i>Molecular Biology Reports</i> , 2020, 47, 7505-7516.	1.0	12
8043	Mesenchymal stem cell-derived exosome: a promising alternative in the therapy of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 109.	3.0	83
8044	Mesenchymal stem cell-based Smad7 gene therapy for experimental liver cirrhosis. <i>Stem Cell Research and Therapy</i> , 2020, 11, 395.	2.4	14
8045	Detection of Cells Containing Internalized Multidomain Magnetic Iron (II, III) Oxide Nanoparticles Using the Magnetic Resonance Imaging Method. <i>Technical Physics</i> , 2020, 65, 1360-1369.	0.2	3
8046	Human cardiac fibroblasts expressing VCAM1 improve heart function in postinfarct heart failure rat models by stimulating lymphangiogenesis. <i>PLoS ONE</i> , 2020, 15, e0237810.	1.1	16
8047	Xeno-Free Spheroids of Human Gingiva-Derived Progenitor Cells for Bone Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 968.	2.0	13
8048	Tsc1 Regulates the Proliferation Capacity of Bone-Marrow Derived Mesenchymal Stem Cells. <i>Cells</i> , 2020, 9, 2072.	1.8	7
8049	Mesenchymal Stem Cells as a Promising Cell Source for Integration in Novel In Vitro Models. <i>Biomolecules</i> , 2020, 10, 1306.	1.8	16
8050	Autologous, Non-Invasively Available Mesenchymal Stem Cells from the Outer Root Sheath of Hair Follicle Are Obtainable by Migration from Plucked Hair Follicles and Expandable in Scalable Amounts. <i>Cells</i> , 2020, 9, 2069.	1.8	13

#	ARTICLE	IF	CITATIONS
8051	Periodontal regeneration using a xenogeneic bone substitute seeded with autologous periodontal ligamentâ€derived mesenchymal stem cells: A 12â€month quasiâ€randomized controlled pilot clinical trial. <i>Journal of Clinical Periodontology</i> , 2020, 47, 1391-1402.	2.3	36
8052	MSC-based therapy in female pelvic floor disorders. <i>Cell and Bioscience</i> , 2020, 10, 104.	2.1	9
8053	The development of a novel autologous blood glue aiming to improve osseointegration in the bone-implant interface. <i>Bone and Joint Research</i> , 2020, 9, 402-411.	1.3	9
8054	P2 Receptors Influence hMSCs Differentiation towards Endothelial Cell and Smooth Muscle Cell Lineages. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6210.	1.8	11
8055	Mesenchymal Stem Cell Therapy for Osteoradionecrosis of the Mandible: a Systematic Review of Preclinical and Human Studies. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1208-1221.	1.7	12
8056	Synovial membrane mesenchymal stem cells: past life, current situation, and application in bone and joint diseases. <i>Stem Cell Research and Therapy</i> , 2020, 11, 381.	2.4	61
8057	Human Cell Modeling for Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6388.	1.8	12
8058	Ceramic Scaffolds in a Vacuum Suction Handle for Intraoperative Stromal Cell Enrichment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6393.	1.8	7
8059	Robust and Highly Efficient Protocol for Differentiation of Human Pluripotent Stem Cells into Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2020, , 257-271.	0.4	2
8060	Expansion and characterization of cells from surgically removed intervertebral disc fragments in xenogen-free medium. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	1
8061	Cell Therapy for Idiopathic Pulmonary Fibrosis: Rationale and Progress to Date. <i>BioDrugs</i> , 2020, 34, 543-556.	2.2	8
8062	Effect of local anesthetics on viability and differentiation of various adult stem/progenitor cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 385.	2.4	7
8063	Adipose-Derived Mesenchymal Stem Cells do not Affect the Invasion and Migration Potential of Oral Squamous Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6455.	1.8	12
8064	Stem cell-based interventions for the prevention of morbidity and mortality following hypoxic-ischaemic encephalopathy in newborn infants. <i>The Cochrane Library</i> , 2020, 2020, CD013202.	1.5	16
8065	Dental Pulp Mesenchymal Stem Cells as a Treatment for Periodontal Disease in Older Adults. <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	15
8066	State of the Art Review of Cell Therapy in the Treatment of Lung Disease, and the Potential for Aerosol Delivery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6435.	1.8	27
8067	Comparative Proteomic Analysis Identifies EphA2 as a Specific Cell Surface Marker for Whartonâ€™s Jelly-Derived Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6437.	1.8	10
8068	Spatial Distributions, Characteristics, and Applications of Craniofacial Stem Cells. <i>Stem Cells International</i> , 2020, 2020, 1-9.	1.2	10

#	ARTICLE	IF	CITATIONS
8069	Mesenchymal stromal cells for sepsis and septic shock: Lessons for treatment of COVID-19. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1488-1494.	1.6	14
8070	Role of bone marrow-derived mesenchymal stem cells in alleviating pulmonary epithelium damage and extracellular matrix remodeling in a rat model of lung fibrosis induced by amiodarone. <i>Biotechnic and Histochemistry</i> , 2021, 96, 418-430.	0.7	5
8071	Transcriptome profiles acquired during cell expansion and licensing validate mesenchymal stromal cell lineage genes. <i>Stem Cell Research and Therapy</i> , 2020, 11, 357.	2.4	8
8072	Warp-Knitted Spacer Fabrics: A Versatile Platform to Generate Fiber-Reinforced Hydrogels for 3D Tissue Engineering. <i>Materials</i> , 2020, 13, 3518.	1.3	11
8073	Stem cell therapies for retinal diseases: from bench to bedside. <i>Journal of Molecular Medicine</i> , 2020, 98, 1347-1368.	1.7	12
8074	Low DMSO Cryopreservation of Stem Cells Enabled by Macromolecular Cryoprotectants. <i>ACS Applied Bio Materials</i> , 2020, 3, 5627-5632.	2.3	20
8075	Treatment of severe COVID-19 with human umbilical cord mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 361.	2.4	227
8076	Intra-Articular Injection of Stromal Cell-Derived Factor 1 \pm Promotes Meniscal Healing via Macrophage and Mesenchymal Stem Cell Accumulation in a Rat Meniscal Defect Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5454.	1.8	15
8077	Adipose-Derived Stem Cells Reduce Lipopolysaccharide-Induced Myelin Degradation and Neuroinflammatory Responses of Glial Cells in Mice. <i>Journal of Personalized Medicine</i> , 2020, 10, 66.	1.1	1
8078	<p>Exosomes Derived from MicroRNA-146a-5p-Enriched Bone Marrow Mesenchymal Stem Cells Alleviate Intracerebral Hemorrhage by Inhibiting Neuronal Apoptosis and Microglial M1 Polarization</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 3143-3158.	2.0	70
8079	TGaseâ€Enhanced Microtissue Assembly in 3Dâ€Printedâ€Templateâ€Scaffold (3Dâ€MAPS) for Large Tissue Defect Repairation. <i>Advanced Healthcare Materials</i> , 2020, 9, 2000531.	3.9	7
8080	Use of MSCs and MSC-Educated Macrophages to Mitigate Hematopoietic Acute Radiation Syndrome. <i>Current Stem Cell Reports</i> , 2020, 6, 77-85.	0.7	7
8081	Cellular diversity of the regenerating caudal fin. <i>Science Advances</i> , 2020, 6, eaba2084.	4.7	34
8082	Importance of Crosstalk Between Chronic Lymphocytic Leukemia Cells and the Stromal Microenvironment: Direct Contact, Soluble Factors, and Extracellular Vesicles. <i>Frontiers in Oncology</i> , 2020, 10, 1422.	1.3	34
8083	Stemness Potency of Human Gingival Cellsâ€™ Application in Anticancer Therapies and Clinical Trials. <i>Cells</i> , 2020, 9, 1916.	1.8	13
8084	Deficit in Adipose Differentiation in Mesenchymal Stem Cells Derived from Chronic Rhinosinusitis Nasal Polyps Compared to Nasal Mucosal Tissue. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9214.	1.8	15
8085	Collagen-Derived Di-Peptide, Prolylhydroxyproline (Pro-Hyp): A New Low Molecular Weight Growth-Initiating Factor for Specific Fibroblasts Associated With Wound Healing. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 548975.	1.8	27
8086	Menstrual blood-derived stromal cells modulate functional properties of mouse and human macrophages. <i>Scientific Reports</i> , 2020, 10, 21389.	1.6	7

#	ARTICLE	IF	CITATIONS
8087	Functions of Mesenchymal Stem Cells in Cardiac Repair. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1312, 39-50.	0.8	7
8088	Effect of Age and Lipoperoxidation in Rat and Human Adipose Tissue-Derived Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	1.9	8
8089	Human Bone Marrow Mesenchymal Stem/Stromal Cells Exposed to an Inflammatory Environment Increase the Expression of ICAM-1 and Release Microvesicles Enriched in This Adhesive Molecule: Analysis of the Participation of TNF- α and IFN- β . <i>Journal of Immunology Research</i> , 2020, 2020, 1-17.	0.9	16
8090	Logistics of an advanced therapy medicinal product during COVID-19 pandemic in Italy: successful delivery of mesenchymal stromal cells in dry ice. <i>Journal of Translational Medicine</i> , 2020, 18, 451.	1.8	5
8091	Potential of resveratrol in enrichment of neural progenitor-like cell induction of human stem cells from apical papilla. <i>Stem Cell Research and Therapy</i> , 2020, 11, 542.	2.4	19
8092	Molecular Crosstalk Between Macrophages and Mesenchymal Stromal Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 600160.	1.8	34
8093	Knockdown of POSTN Inhibits Osteogenic Differentiation of Mesenchymal Stem Cells From Patients With Steroid-Induced Osteonecrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 606289.	1.8	15
8094	Future Perspectives in Small-Diameter Vascular Graft Engineering. <i>Bioengineering</i> , 2020, 7, 160.	1.6	59
8095	Establishment and Characterization of a Sclerosing Spindle Cell Rhabdomyosarcoma Cell Line with a Complex Genomic Profile. <i>Cells</i> , 2020, 9, 2668.	1.8	4
8096	Extracellular Vesicles from Adipose Tissue Stem Cells in Diabetes and Associated Cardiovascular Disease; Pathobiological Impact and Therapeutic Potential. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9598.	1.8	12
8097	Biological Characteristics and Osteogenic Differentiation of Ovine Bone Marrow Derived Mesenchymal Stem Cells Stimulated with FGF-2 and BMP-2. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9726.	1.8	29
8098	Accelerated subcutaneous abdominal stem cell adipogenesis predicts insulin sensitivity in normal-weight women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2021, 116, 232-242.	0.5	15
8099	Adipose-Derived Stem Cells: Current Applications and Future Directions in the Regeneration of Multiple Tissues. <i>Stem Cells International</i> , 2020, 2020, 1-26.	1.2	86
8100	Mesenchymal Stromal Cell-Derived Extracellular Vesicles – Silver Linings for Cartilage Regeneration?. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 593386.	1.8	12
8101	Tolerance to Bone Marrow Transplantation: Do Mesenchymal Stromal Cells Still Have a Future for Acute or Chronic GvHD?. <i>Frontiers in Immunology</i> , 2020, 11, 609063.	2.2	17
8102	Key Metabolic Pathways in MSC-Mediated Immunomodulation: Implications for the Prophylaxis and Treatment of Graft Versus Host Disease. <i>Frontiers in Immunology</i> , 2020, 11, 609277.	2.2	16
8103	Continuing Effect of Cytokines and Toll-Like Receptor Agonists on Indoleamine-2,3-Dioxygenase-1 in Human Periodontal Ligament Stem/Stromal Cells. <i>Cells</i> , 2020, 9, 2696.	1.8	12
8104	The Anti-Inflammatory Properties of Mesenchymal Stem Cells in Epilepsy: Possible Treatments and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9683.	1.8	26

#	ARTICLE	IF	CITATIONS
8105	Xenogeneic and Stem Cell-Based Therapy for Cardiovascular Diseases: Genetic Engineering of Porcine Cells and Their Applications in Heart Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9686.	1.8	5
8106	Human multipotent mesenchymal stromal cells cytokine priming promotes RAB27B-regulated secretion of small extracellular vesicles with immunomodulatory cargo. <i>Stem Cell Research and Therapy</i> , 2020, 11, 539.	2.4	40
8107	NAD ⁺ /NADH redox alterations reconfigure metabolism and rejuvenate senescent human mesenchymal stem cells in vitro. <i>Communications Biology</i> , 2020, 3, 774.	2.0	36
8108	Quantitative assessment of the impact of cryopreservation on human bone marrow-derived mesenchymal stem cells: up to 24h post-thaw and beyond. <i>Stem Cell Research and Therapy</i> , 2020, 11, 540.	2.4	23
8109	ELABELA ameliorates hypoxic/ischemic-induced bone mesenchymal stem cell apoptosis via alleviation of mitochondrial dysfunction and activation of PI3K/AKT and ERK1/2 pathways. <i>Stem Cell Research and Therapy</i> , 2020, 11, 541.	2.4	25
8110	The Bone-Forming Properties of Periosteum-Derived Cells Differ Between Harvest Sites. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 554984.	1.8	19
8111	Electrical Stimulation of Adipose-Derived Stem Cells in 3D Nanofibrillar Cellulose Increases Their Osteogenic Potential. <i>Biomolecules</i> , 2020, 10, 1696.	1.8	15
8112	FZD5 regulates cellular senescence in human mesenchymal stem/stromal cells. <i>Stem Cells</i> , 2021, 39, 318-330.	1.4	19
8113	Analysis of Some Selected Immunomodulatory Properties of Chorionic Mesenchymal Stem Cells. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9040.	1.3	5
8114	Mesenchymal Stem Cells as Therapeutic Agents and Novel Carriers for the Delivery of Candidate Genes in Acute Kidney Injury. <i>Stem Cells International</i> , 2020, 2020, 1-10.	1.2	8
8115	Allogeneic human umbilical cord Wharton's jelly stem cells increase several-fold the expansion of human cord blood CD34 ⁺ cells both in vitro and in vivo. <i>Stem Cell Research and Therapy</i> , 2020, 11, 527.	2.4	9
8116	Differentiation of cardiomyocyte-like cells from human amniotic fluid mesenchymal stem cells by combined induction with human platelet lysate and 5-azacytidine. <i>Heliyon</i> , 2020, 6, e04844.	1.4	11
8117	Gaps between Asian regulations for eligibility of human mesenchymal stromal cells as starting materials of cell therapy products and comparability of mesenchymal stromal cell-based products subject to changes in their manufacturing process. <i>Regenerative Therapy</i> , 2020, 15, 265-273.	1.4	6
8118	Foot fat pad: Characterization by mesenchymal stromal cells in rats. <i>Anatomical Record</i> , 2020, 304, 1582-1591.	0.8	0
8119	Bone marrow mesenchymal stem cell-conditioned medium facilitates fluid resolution via miR-214 activating epithelial sodium channels. <i>MedComm</i> , 2020, 1, 376-385.	3.1	4
8120	Effect of Erythropoietin on Morphofunctional Properties of Mesenchymal Stem Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2020, 170, 164-170.	0.3	3
8121	Adult Dermal Stem Cells for Scaffold-Free Cartilage Tissue Engineering: Exploration of Strategies. <i>Tissue Engineering - Part C: Methods</i> , 2020, 26, 598-607.	1.1	5
8122	Cellular therapies for the treatment of immune-mediated GI and liver disease. <i>British Medical Bulletin</i> , 2020, 136, 127-141.	2.7	4

#	ARTICLE	IF	CITATIONS
8123	Epigenomic Reprogramming toward Mesenchymal-Epithelial Transition in Ovarian-Cancer-Associated Mesenchymal Stem Cells Drives Metastasis. <i>Cell Reports</i> , 2020, 33, 108473.	2.9	34
8124	Tratamiento de la artrosis de rodilla con células mesenquimales estromales expandidas: revisión sistemática de la literatura. <i>Reumatología Clínica</i> , 2022, 18, 49-55.	0.2	0
8125	Efficacy and safety of intra-articular injection of mesenchymal stem cells in the treatment of knee osteoarthritis. <i>Medicine (United States)</i> , 2020, 99, e23343.	0.4	29
8126	Quantification and Comprehensive Analysis of Mesenchymal Stromal Cells in Bone Marrow Samples from Sickle Cell Disease Patients with Osteonecrosis. <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	4
8127	Introductory Chapter: Update on Mesenchymal and Induced Pluripotent Stem Cells. , 2020, , .		1
8128	The application of bone marrow mesenchymal stem cells and biomaterials in skeletal muscle regeneration. <i>Regenerative Therapy</i> , 2020, 15, 285-294.	1.4	21
8129	Characterization of regional meniscal cell and chondrocyte phenotypes and chondrogenic differentiation with histological analysis in osteoarthritic donor-matched tissues. <i>Scientific Reports</i> , 2020, 10, 21658.	1.6	7
8130	Umbilical cord tissue is a robust source for mesenchymal stem cells with enhanced myogenic differentiation potential compared to cord blood. <i>Scientific Reports</i> , 2020, 10, 18978.	1.6	17
8131	Human adipose mesenchymal stem cells modulate myeloid cells toward an anti-inflammatory and reparative phenotype: role of IL-6 and PGE2. <i>Stem Cell Research and Therapy</i> , 2020, 11, 462.	2.4	31
8132	A Shaking-Culture Method for Generating Bone Marrow Derived Mesenchymal Stromal/Stem Cell-Spheroids With Enhanced Multipotency in vitro. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 590332.	2.0	14
8133	Mesenchymal Stromal Cells™ Therapy for Polyglutamine Disorders: Where Do We Stand and Where Should We Go?. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 584277.	1.8	3
8134	How the Pathological Microenvironment Affects the Behavior of Mesenchymal Stem Cells in the Idiopathic Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8140.	1.8	10
8135	Vadadustat, a HIF Prolyl Hydroxylase Inhibitor, Improves Immunomodulatory Properties of Human Mesenchymal Stromal Cells. <i>Cells</i> , 2020, 9, 2396.	1.8	8
8136	Iron Overload Impairs Bone Marrow Mesenchymal Stromal Cells from Higher-Risk MDS Patients by Regulating the ROS-Related Wnt/β-Catenin Pathway. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	9
8137	Mechanically Stretched Mesenchymal Stem Cells Can Reduce the Effects of LPS-Induced Injury on the Pulmonary Microvascular Endothelium Barrier. <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	3
8138	ITGA6+ Human Testicular Cell Populations Acquire a Mesenchymal Rather than Germ Cell Transcriptional Signature during Long-Term Culture. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8269.	1.8	4
8139	Mesenchymal Stem Cells: The Past Present and Future. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1312, 107-129.	0.8	16
8140	Dose and duration of interferon β pre-licensing interact with donor characteristics to influence the expression and function of indoleamine-2,3-dioxygenase in mesenchymal stromal cells. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190815.	1.5	14

#	ARTICLE	IF	CITATIONS
8141	Proteomic Profiling Reveals the Ambivalent Character of the Mesenchymal Stem Cell Secretome: Assessing the Effect of Preconditioned Media on Isolated Human Islets. <i>Cell Transplantation</i> , 2020, 29, 096368972095233.	1.2	6
8142	Emergence of Cancer-Associated Fibroblasts as an Indispensable Cellular Player in Bone Metastasis Process. <i>Cancers</i> , 2020, 12, 2896.	1.7	20
8143	The Metastatic Bone Marrow Niche in Neuroblastoma: Altered Phenotype and Function of Mesenchymal Stromal Cells. <i>Cancers</i> , 2020, 12, 3231.	1.7	14
8144	Epigenetic Regulation of Dental Pulp Stem Cell Fate. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	16
8145	Human Aortic Valve Interstitial Cells Display Proangiogenic Properties During Calcific Aortic Valve Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 41, 415-429.	1.1	12
8146	The effects of human platelet lysate versus commercial endothelial growth medium on the endothelial differentiation potential of human amniotic fluid mesenchymal stem cells. <i>Heliyon</i> , 2020, 6, e04873.	1.4	1
8147	Autofluorescence-based sorting removes senescent cells from mesenchymal stromal cell cultures. <i>Scientific Reports</i> , 2020, 10, 19084.	1.6	11
8148	Comparative Effect of MSC Secretome to MSC Co-culture on Cardiomyocyte Gene Expression Under Hypoxic Conditions in vitro. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 502213.	2.0	5
8149	Silver Fir (<i>Abies alba</i> L.) Polyphenolic Extract Shows Beneficial Influence on Chondrogenesis In Vitro under Normal and Inflammatory Conditions. <i>Molecules</i> , 2020, 25, 4616.	1.7	7
8150	Vessel Wall-Derived Mesenchymal Stromal Cells Share Similar Differentiation Potential and Immunomodulatory Properties with Bone Marrow-Derived Stromal Cells. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	5
8151	Novel Applications of Mesenchymal Stem Cell-Derived Exosomes for Myocardial Infarction Therapeutics. <i>Biomolecules</i> , 2020, 10, 707.	1.8	53
8152	Superiority of synovial membrane mesenchymal stem cells in chondrogenesis, osteogenesis, myogenesis and tenogenesis in a rabbit model. <i>Injury</i> , 2020, 51, 2855-2865.	0.7	10
8153	Mesenchymal Stromal Cells in Solid Organ Transplantation. <i>Transplantation</i> , 2020, 104, 923-936.	0.5	23
8154	A Comparison of Immune Responses Exerted Following Syngeneic, Allogeneic, and Xenogeneic Transplantation of Mesenchymal Stem Cells into the Mouse Brain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3052.	1.8	23
8155	Interleukin-4 overexpressing mesenchymal stem cells within gelatin-based microribbon hydrogels enhance bone healing in a murine long bone critical-size defect model. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 2240-2250.	2.1	28
8156	Replicative senescence in MSCWJ-1 human umbilical cord mesenchymal stem cells is marked by characteristic changes in motility, cytoskeletal organization, and RhoA localization. <i>Molecular Biology Reports</i> , 2020, 47, 3867-3883.	1.0	6
8157	The Role of Biologic Agents in the Non-operative Management of Elbow Ulnar Collateral Ligament Injuries. <i>Current Reviews in Musculoskeletal Medicine</i> , 2020, 13, 442-448.	1.3	6
8158	Genetically engineered mesenchymal stem cells: targeted delivery of immunomodulatory agents for tumor eradication. <i>Cancer Gene Therapy</i> , 2020, 27, 854-868.	2.2	19

#	ARTICLE	IF	CITATIONS
8159	Intraovarian injection of mesenchymal stem cells improves oocyte yield and in vitro embryo production in a bovine model of fertility loss. <i>Scientific Reports</i> , 2020, 10, 8018.	1.6	15
8160	Mesenchymal stromal cell therapeutic potency is dependent upon viability, route of delivery, and immune match. <i>Blood Advances</i> , 2020, 4, 1987-1997.	2.5	54
8161	<p>Functionalized Graphene Nanoparticles Induce Human Mesenchymal Stem Cells to Express Distinct Extracellular Matrix Proteins Mediating Osteogenesis</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2501-2513.	3.3	27
8162	Impedance-Based Monitoring of Mesenchymal Stromal Cell Three-Dimensional Proliferation Using Aerosol Jet Printed Sensors: A Tissue Engineering Application. <i>Materials</i> , 2020, 13, 2231.	1.3	17
8163	Mechanical Cues Regulating Proangiogenic Potential of Human Mesenchymal Stem Cells through YAP–Mediated Mechanosensing. <i>Small</i> , 2020, 16, e2001837.	5.2	25
8164	A comparative analysis of human adult testicular cells expressing stem Leydig cell markers in the interstitium, vasculature, and peritubular layer. <i>Andrology</i> , 2020, 8, 1265-1276.	1.9	11
8165	Attenuation of the pro-inflammatory signature of lung cancer-derived mesenchymal stromal cells by statins. <i>Cancer Letters</i> , 2020, 484, 50-64.	3.2	22
8166	Reducing mortality and morbidity in patients with severe COVID-19 disease by advancing ongoing trials of Mesenchymal Stromal (stem) Cell (MSC) therapy â€” Achieving global consensus and visibility for cellular host-directed therapies. <i>International Journal of Infectious Diseases</i> , 2020, 96, 431-439.	1.5	43
8167	Cas9-AAV6-engineered human mesenchymal stromal cells improved cutaneous wound healing in diabetic mice. <i>Nature Communications</i> , 2020, 11, 2470.	5.8	52
8168	CD10/Nepriylsin Enrichment in Infrapatellar Fat Pad–Derived Mesenchymal Stem Cells Under Regulatory-Compliant Conditions: Implications for Efficient Synovitis and Fat Pad Fibrosis Reversal. <i>American Journal of Sports Medicine</i> , 2020, 48, 2013-2027.	1.9	24
8169	Rationale for the clinical use of adipose-derived mesenchymal stem cells for COVID-19 patients. <i>Journal of Translational Medicine</i> , 2020, 18, 203.	1.8	83
8170	Cytokines Differently Define the Immunomodulation of Mesenchymal Stem Cells from the Periodontal Ligament. <i>Cells</i> , 2020, 9, 1222.	1.8	23
8171	Acute Lung Injury: Disease Modelling and the Therapeutic Potential of Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1298, 149-166.	0.8	17
8172	Orthobiologics in Elbow Injuries. <i>Clinics in Sports Medicine</i> , 2020, 39, 717-732.	0.9	3
8173	Present and Future of Bronchopulmonary Dysplasia. <i>Journal of Clinical Medicine</i> , 2020, 9, 1539.	1.0	75
8174	Establishment and Characterization of a Stromal Cell Line Derived From a Patient With Thoracic Endometriosis. <i>Reproductive Sciences</i> , 2020, 27, 1627-1636.	1.1	1
8175	MSC Therapies for COVID-19: Importance of Patient Coagulopathy, Thromboprophylaxis, Cell Product Quality and Mode of Delivery for Treatment Safety and Efficacy. <i>Frontiers in Immunology</i> , 2020, 11, 1091.	2.2	128
8176	Towards a Comprehensive Understanding of UA-ADRCs (Uncultured, Autologous, Fresh, Unmodified,) Tj ETQq1 1 0.784314 rgBT /Over 1097.	1.8	25

#	ARTICLE	IF	CITATIONS
8177	Recent Progress in Engineering Mesenchymal Stem Cell Differentiation. Stem Cell Reviews and Reports, 2020, 16, 661-674.	1.7	40
8178	<i>In vitro</i> effects of the co-release of icariin and strontium from bioactive glass submicron spheres on the reduced osteogenic potential of rat osteoporotic bone marrow mesenchymal stem cells. Biomedical Materials (Bristol), 2020, 15, 055023.	1.7	10
8179	Functional variations between Mesenchymal Stem Cells of different tissue origins: A comparative gene expression profiling. Biotechnology Letters, 2020, 42, 1287-1304.	1.1	9
8180	Signature quality attributes of CD146+ mesenchymal stem/stromal cells correlate with high therapeutic and secretory potency. Stem Cells, 2020, 38, 1034-1049.	1.4	54
8181	Mesenchymal stem cells for the treatment of psoriasis: a comprehensive review. Clinical and Experimental Dermatology, 2020, 45, 824-830.	0.6	18
8182	Immunomodulatory Effect of Adipose-Derived Stem Cells: The Cutting Edge of Clinical Application. Frontiers in Cell and Developmental Biology, 2020, 8, 236.	1.8	113
8183	Identifying the Therapeutic Significance of Mesenchymal Stem Cells. Cells, 2020, 9, 1145.	1.8	77
8184	Interplay between mesenchymal stem cell and tumor and potential application. Human Cell, 2020, 33, 444-458.	1.2	8
8185	Mesenchymal stem cells in the fight against viruses: Face to face with the invisible enemy. Current Research in Translational Medicine, 2020, 68, 105-110.	1.2	16
8186	IL-4 and SDF-1 Increase Adipose Tissue-Derived Stromal Cell Ability to Improve Rat Skeletal Muscle Regeneration. International Journal of Molecular Sciences, 2020, 21, 3302.	1.8	14
8187	Mesenchymal stromal/stem cell-derived extracellular vesicles in tissue repair: challenges and opportunities. Theranostics, 2020, 10, 5979-5997.	4.6	140
8188	Differential expression of drug resistance genes in CD146 positive dental pulp derived stem cells and CD146 negative fibroblasts. Clinical and Experimental Dental Research, 2020, 6, 448-456.	0.8	5
8189	A Small-Sized Population of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells Shows High Stemness Properties and Therapeutic Benefit. Stem Cells International, 2020, 2020, 1-17.	1.2	22
8190	Additive Therapeutic Effects of Mesenchymal Stem Cells and IL-37 for Systemic Lupus Erythematosus. Journal of the American Society of Nephrology: JASN, 2020, 31, 54-65.	3.0	47
8191	TLR3 ligation affects differentiation and stemness properties of gingival mesenchymal stem/progenitor cells. Journal of Clinical Periodontology, 2020, 47, 991-1005.	2.3	11
8192	Crucial Role of Lamin A/C in the Migration and Differentiation of MSCs in Bone. Cells, 2020, 9, 1330.	1.8	30
8193	Perspective of placenta derived mesenchymal stem cells in acute liver failure. Cell and Bioscience, 2020, 10, 71.	2.1	20
8194	A comparative study of the capacity of mesenchymal stromal cell lines to form spheroids. PLoS ONE, 2020, 15, e0225485.	1.1	14

#	ARTICLE	IF	CITATIONS
8195	Targeting TRAF3IP2, Compared to Rab27, is More Effective in Suppressing the Development and Metastasis of Breast Cancer. <i>Scientific Reports</i> , 2020, 10, 8834.	1.6	6
8196	Three-dimensional culture of dental pulp pluripotent-like stem cells (DPPSCs) enhances Nanog expression and provides a serum-free condition for exosome isolation. <i>FASEB BioAdvances</i> , 2020, 2, 419-433.	1.3	12
8197	Adult Stem Cell-Derived Extracellular Vesicles in Cancer Treatment: Opportunities and Challenges. <i>Cells</i> , 2020, 9, 1171.	1.8	33
8198	Functional Relationship between Osteogenesis and Angiogenesis in Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3242.	1.8	210
8199	Lung-resident mesenchymal stromal cells are tissue-specific regulators of lung homeostasis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L197-L210.	1.3	27
8200	The human arthritic hip joint is a source of mesenchymal stromal cells (MSCs) with extensive multipotent differentiation potential. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 297.	0.8	6
8201	The quality evaluation system establishment of mesenchymal stromal cells for cell-based therapy products. <i>Stem Cell Research and Therapy</i> , 2020, 11, 176.	2.4	16
8202	Transplanting Marginal Organs in the Era of Modern Machine Perfusion and Advanced Organ Monitoring. <i>Frontiers in Immunology</i> , 2020, 11, 631.	2.2	81
8203	Bone Marrow Aspirate Concentrate: Its Uses in Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3224.	1.8	42
8204	Small molecule 2-deoxycytidine differentiates human umbilical cord-derived MSCs into cardiac progenitors in vitro and their in vivo xeno-transplantation improves cardiac function. <i>Molecular and Cellular Biochemistry</i> , 2020, 470, 99-113.	1.4	19
8205	Multipotent mesenchymal stromal cells are sensitive to thermic stress – potential implications for therapeutic hyperthermia. <i>International Journal of Hyperthermia</i> , 2020, 37, 430-441.	1.1	7
8206	Comparison of the efficiency of laminin versus fibronectin as a differential adhesion assay for isolation of human articular cartilage derived chondroprogenitors. <i>Connective Tissue Research</i> , 2021, 62, 427-435.	1.1	8
8207	Isolation and characterisation of nasoseptal cartilage stem/progenitor cells and their role in the chondrogenic niche. <i>Stem Cell Research and Therapy</i> , 2020, 11, 177.	2.4	9
8208	Nanofiltration of growth media supplemented with human platelet lysates for pathogen-safe xeno-free expansion of mesenchymal stromal cells. <i>Cytotherapy</i> , 2020, 22, 458-472.	0.3	18
8209	The opposite functions of miR-24 in the osteogenesis and adipogenesis of adipose-derived mesenchymal stem cells are mediated by the HOXB7/β-catenin complex. <i>FASEB Journal</i> , 2020, 34, 9034-9050.	0.2	6
8210	Proangiogenic Hypoxia-Mimicking Agents Attenuate Osteogenic Potential of Adipose Stem/Stromal Cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 477-493.	1.6	9
8211	MSM promotes human periodontal ligament stem cells differentiation to osteoblast and bone regeneration. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 160-167.	1.0	14
8212	Development of a non-alcoholic steatohepatitis model with rapid accumulation of fibrosis, and its treatment using mesenchymal stem cells and their small extracellular vesicles. <i>Regenerative Therapy</i> , 2020, 14, 252-261.	1.4	52

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8213	Regulation and function of SOX9 during cartilage development and regeneration. <i>Seminars in Cancer Biology</i> , 2020, 67, 12-23.	4.3	95
8214	Mesenchymal Stem Cells and Atopic Dermatitis: A Review. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 326.	1.8	30
8215	Pituispheres Contain Genetic Variants Characteristic to Pituitary Adenoma Tumor Tissue. <i>Frontiers in Endocrinology</i> , 2020, 11, 313.	1.5	5
8216	Dual Targeting of Stromal Cell Support and Leukemic Cell Growth by a Peptidic PKC Inhibitor Shows Effectiveness against B-ALL. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3705.	1.8	10
8217	Banking on teeth – Stem cells and the dental office. <i>Biomedical Journal</i> , 2020, 43, 124-133.	1.4	23
8218	Pulmonary interstitial glycogenosis cells express mesenchymal stem cell markers. <i>European Respiratory Journal</i> , 2020, 56, 2000853.	3.1	10
8219	Inhibitory effect of red LED irradiation on fibroblasts and co-culture of adipose-derived mesenchymal stem cells. <i>Heliyon</i> , 2020, 6, e03882.	1.4	4
8220	Dual source co-electrospun tubular scaffold generated from gelatin-vinyl acetate and poly-ε-caprolactone for smooth muscle cell mediated blood vessel engineering. <i>Materials Science and Engineering C</i> , 2020, 114, 111030.	3.8	8
8221	Evaluation of in vitro and in vivo biocompatibility of iron produced by powder metallurgy. <i>Materials Science and Engineering C</i> , 2020, 115, 111129.	3.8	16
8222	Mesenchymal stem cells and their application to rotator cuff pathology: A meta-analysis of pre-clinical studies. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100047.	0.9	4
8223	A nanocomposite hydrogel delivery system for mesenchymal stromal cell secretome. <i>Stem Cell Research and Therapy</i> , 2020, 11, 205.	2.4	19
8224	Three-dimensional culture of MSCs produces exosomes with improved yield and enhanced therapeutic efficacy for cisplatin-induced acute kidney injury. <i>Stem Cell Research and Therapy</i> , 2020, 11, 206.	2.4	127
8225	Feasibility, potency, and safety of growing human mesenchymal stem cells in space for clinical application. <i>Npj Microgravity</i> , 2020, 6, 16.	1.9	26
8226	Successful muscle regeneration by a homologous microperforated scaffold seeded with autologous mesenchymal stromal cells in a porcine esophageal substitution model. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, 175628482092322.	1.4	11
8227	Cellular therapies for graft-versus-host disease: a tale of tissue repair and tolerance. <i>Blood</i> , 2020, 136, 410-417.	0.6	23
8228	Generation of myogenic progenitor cell-derived smooth muscle cells for sphincter regeneration. <i>Stem Cell Research and Therapy</i> , 2020, 11, 233.	2.4	15
8229	An elusive force of nature. <i>Equine Health</i> , 2020, 2020, 14-16.	0.1	0
8230	Adipogenesis, Osteogenesis, and Chondrogenesis of Human Mesenchymal Stem/Stromal Cells: A Comparative Transcriptome Approach. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 561.	1.8	73

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8231	The Role of Pref-1 during Adipogenic Differentiation: An Overview of Suggested Mechanisms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4104.	1.8	23
8232	Functional State of Mesenchymal Stem Cells upon Exposure to Bioactive Coatings on Titanium Alloys. <i>Bulletin of Experimental Biology and Medicine</i> , 2020, 169, 147-156.	0.3	8
8233	Development of novel human in vitro vascularized adipose tissue model with functional macrophages. <i>Cytotechnology</i> , 2020, 72, 665-683.	0.7	7
8234	Assessment of the anti-inflammatory and engraftment potential of horse endometrial and adipose mesenchymal stem cells in an in vivo model of post breeding induced endometritis. <i>Theriogenology</i> , 2020, 155, 33-42.	0.9	10
8235	A Novel Type of Stem Cells Double-Positive for SSEA-3 and CD45 in Human Peripheral Blood. <i>Cell Transplantation</i> , 2020, 29, 096368972092357.	1.2	19
8236	Use of Stem Cell Extracellular Vesicles as a "Holistic" Approach to CNS Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 455.	1.8	24
8237	Characterization of a pluripotent stem cell-derived matrix with powerful osteoregenerative capabilities. <i>Nature Communications</i> , 2020, 11, 3025.	5.8	37
8238	The neovascularization effect of dedifferentiated fat cells. <i>Scientific Reports</i> , 2020, 10, 9211.	1.6	18
8239	Bioprocess development for scalable production of cultivated meat. <i>Biotechnology and Bioengineering</i> , 2020, 117, 3029-3039.	1.7	31
8240	Subacromial Bursa-Derived Cells Demonstrate High Proliferation Potential Regardless of Patient Demographics and Rotator Cuff Tear Characteristics. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 2794-2802.	1.3	22
8241	Differences in osteogenic and odontogenic differentiation potential of DPSCs and SHED. <i>Journal of Dentistry</i> , 2020, 101, 103413.	1.7	32
8242	Mesenchymal stem cells as a multimodal treatment for nervous system diseases. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1174-1189.	1.6	42
8243	Mesenchymal stromal cell and bone marrow concentrate therapies for musculoskeletal indications: a concise review of current literature. <i>Molecular Biology Reports</i> , 2020, 47, 4789-4814.	1.0	25
8244	Edition of Prostaglandin E2 Receptors EP2 and EP4 by CRISPR/Cas9 Technology in Equine Adipose Mesenchymal Stem Cells. <i>Animals</i> , 2020, 10, 1078.	1.0	5
8245	Menatretrenone facilitates hematopoietic cell generation in a manner that is dependent on human bone marrow mesenchymal stromal/stem cells. <i>International Journal of Hematology</i> , 2020, 112, 316-330.	0.7	2
8246	Interaction of cancer cells with mesenchymal stem cells: implications in metastatic progression. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 555-565.	0.9	0
8247	Management of elbow (ulnohumeral) arthritis in the young active patient. <i>Orthopaedics and Trauma</i> , 2020, 34, 219-227.	0.2	0
8248	Comparison between stromal vascular fraction and adipose derived stem cells in a mouse lymphedema model. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2020, 54, 302-311.	0.4	6

#	ARTICLE	IF	CITATIONS
8249	Receptivity markers in endometrial mesenchymal stem cells of recurrent implantation failure and recurrent implantation failure women: A pilot study. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 1393-1402.	0.6	6
8250	The Role of MSCs in the Tumor Microenvironment and Tumor Progression. <i>Anticancer Research</i> , 2020, 40, 3039-3047.	0.5	37
8251	Clinical Trials of Stem Cell Treatment for Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3994.	1.8	59
8252	Instant labeling of therapeutic cells for multimodality imaging. <i>Theranostics</i> , 2020, 10, 6024-6034.	4.6	17
8253	Scalable Manufacturing of Human Hematopoietic Stem/Progenitor Cells Exploiting a Co-culture Platform with Mesenchymal Stromal Cells. <i>Methods in Molecular Biology</i> , 2020, 2286, 107-120.	0.4	0
8254	Human Umbilical Cord Mesenchymal Stem Cells Attenuate Abdominal Aortic Aneurysm Progression in Sprague-Dawley Rats: Implication of Vascular Smooth Muscle Cell Phenotypic Modulation. <i>Stem Cells and Development</i> , 2020, 29, 981-993.	1.1	14
8255	Human Menstrual Blood-Derived Mesenchymal Cells Improve Mouse Embryonic Development. <i>Tissue Engineering - Part A</i> , 2020, 26, 769-779.	1.6	4
8256	Resveratrol can enhance osteogenic differentiation and mitochondrial biogenesis from human periosteum-derived mesenchymal stem cells. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 203.	0.9	23
8257	Norepinephrine Inhibits the Proliferation of Human Bone Marrow-Derived Mesenchymal Stem Cells via β 2-Adrenoceptor-Mediated ERK1/2 and PKA Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3924.	1.8	13
8258	Intranasal delivery of mesenchymal stem cell-derived extracellular vesicles exerts immunomodulatory and neuroprotective effects in a 3xTg model of Alzheimer's disease. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1068-1084.	1.6	130
8259	Adult mesenchymal stem cells: is there a role for purine receptors in their osteogenic differentiation?. <i>Purinergic Signalling</i> , 2020, 16, 263-287.	1.1	22
8260	GMP-Compliant Production of Human Placenta-Derived Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2020, 2286, 213-225.	0.4	19
8261	The Rising Role of Mesenchymal Stem Cells in the Treatment of Various Infectious Complications. , 0, , .		6
8262	Cross talk between mesenchymal and glioblastoma stem cells: Communication beyond controversies. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1310-1330.	1.6	28
8263	Robustness Testing of Mesenchymal Stem Cell Monotherapy Following Vascularized Composite Allotransplantation. <i>Journal of Reconstructive Microsurgery</i> , 2020, 36, 397-402.	1.0	1
8264	Geriatric fragility fractures are associated with a human skeletal stem cell defect. <i>Aging Cell</i> , 2020, 19, e13164.	3.0	22
8265	Rogue stem cell clinics. <i>Bone and Joint Journal</i> , 2020, 102-B, 148-154.	1.9	33
8266	High Frequency of Intravenous Injection of Human Adipose Stem Cell Conditioned Medium Improved Embryo Development of Mice in Advanced Maternal Age through Antioxidant Effects. <i>Animals</i> , 2020, 10, 978.	1.0	7

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8267	Highly Effective Fibrin Biopolymer Scaffold for Stem Cells Upgrading Bone Regeneration. <i>Materials</i> , 2020, 13, 2747.	1.3	15
8268	Characterization of Cultured Mesenchymal Stromal Cells Established from Human Chorion. <i>Cell and Tissue Biology</i> , 2020, 14, 196-201.	0.2	2
8269	Extracellular Vesicles-Loaded Fibrin Gel Supports Rapid Neovascularization for Dental Pulp Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4226.	1.8	29
8270	Regenerative potential of Wharton's jelly-derived mesenchymal stem cells: A new horizon of stem cell therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 9230-9240.	2.0	43
8271	Immortalization of Mesenchymal Stromal Cells by TERT Affects Adenosine Metabolism and Impairs their Immunosuppressive Capacity. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 776-791.	1.7	14
8272	Metabolic Syndrome Impairs 3D Mitochondrial Structure, Dynamics, and Function in Swine Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 933-945.	1.7	7
8273	Biocompatibility of Bone Marrow-Derived Mesenchymal Stem Cells in the Rat Inner Ear following Trans-Tympanic Administration. <i>Journal of Clinical Medicine</i> , 2020, 9, 1711.	1.0	8
8274	A genomic biomarker that identifies human bone marrow-derived mesenchymal stem cells with high scalability. <i>Stem Cells</i> , 2020, 38, 1124-1136.	1.4	16
8275	Administration of Human Non-Diabetic Mesenchymal Stromal Cells to a Murine Model of Diabetic Fracture Repair: A Pilot Study. <i>Cells</i> , 2020, 9, 1394.	1.8	4
8276	Plasma membrane vesicles of human umbilical cord mesenchymal stem cells ameliorate acetaminophen-induced damage in HepG2 cells: a novel stem cell therapy. <i>Stem Cell Research and Therapy</i> , 2020, 11, 225.	2.4	8
8277	Asthma immunotherapy and treatment approaches with mesenchymal stem cells. <i>Immunotherapy</i> , 2020, 12, 665-674.	1.0	8
8278	Pro-angiogenic Activity Discriminates Human Adipose-Derived Stromal Cells From Retinal Pericytes: Considerations for Cell-Based Therapy of Diabetic Retinopathy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 387.	1.8	11
8279	Recruitment of Mesenchymal Stem Cells to Damaged Sites by Plant-Derived Components. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 437.	1.8	14
8280	Biological Considerations in Scaling Up Therapeutic Cell Manufacturing. <i>Frontiers in Pharmacology</i> , 2020, 11, 654.	1.6	36
8281	Stem Cells in Veterinary Medicine—Current State and Treatment Options. <i>Frontiers in Veterinary Science</i> , 2020, 7, 278.	0.9	64
8282	Genetically Modified Mesenchymal Stem Cells: The Next Generation of Stem Cell-Based Therapy for TBI. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4051.	1.8	20
8283	Direct Conjugation of Retinoic Acid with Gold Nanoparticles to Improve Neural Differentiation of Human Adipose Stem Cells. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1836-1850.	1.1	3
8284	Biomimetic in vitro test system for evaluation of dental implant materials. <i>Dental Materials</i> , 2020, 36, 1059-1070.	1.6	9

#	ARTICLE	IF	CITATIONS
8285	Evaluation of a cell-based osteogenic formulation compliant with good manufacturing practice for use in tissue engineering. <i>Molecular Biology Reports</i> , 2020, 47, 5145-5154.	1.0	4
8286	Toxic effect of titanium dioxide nanoparticles on human mesenchymal stem cells. <i>Molecular and Cellular Toxicology</i> , 2020, 16, 321-330.	0.8	4
8287	Mesenchymal stem cell-derived extracellular vesicle-based therapies protect against coupled degeneration of the central nervous and vascular systems in stroke. <i>Ageing Research Reviews</i> , 2020, 62, 101106.	5.0	62
8288	Proximal Humerus and Ilium Are Reliable Sources of Bone Marrow Aspirates for Biologic Augmentation During Arthroscopic Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 2403-2411.	1.3	18
8289	Beneficial Effect of IL-4 and SDF-1 on Myogenic Potential of Mouse and Human Adipose Tissue-Derived Stromal Cells. <i>Cells</i> , 2020, 9, 1479.	1.8	12
8290	Isolation and Characterization of Mesenchymal Stem Cells from Human Gingiva. <i>Cell and Tissue Biology</i> , 2020, 14, 16-27.	0.2	4
8291	Umbilical cord-derived CD362+ mesenchymal stromal cells for E. coli pneumonia: impact of dose regimen, passage, cryopreservation, and antibiotic therapy. <i>Stem Cell Research and Therapy</i> , 2020, 11, 116.	2.4	24
8292	ALCAM (CD166) as a gene expression marker for human mesenchymal stromal cell characterisation. <i>Gene: X</i> , 2020, 763, 100031.	2.3	22
8293	Adipose TBX1 regulates β -adrenergic sensitivity in subcutaneous adipose tissue and thermogenic capacity in vivo. <i>Molecular Metabolism</i> , 2020, 36, 100965.	3.0	12
8294	Crosstalk between GBM cells and mesenchymal stemlike cells promotes the invasiveness of GBM through the C5a/p38/ZEB1 axis. <i>Neuro-Oncology</i> , 2020, 22, 1452-1462.	0.6	32
8295	Extracellular Vesicles as Mediators of Cellular Crosstalk Between Immune System and Kidney Graft. <i>Frontiers in Immunology</i> , 2020, 11, 74.	2.2	57
8296	Characterization of proliferation, differentiation potential, and gene expression among clonal cultures of human dental pulp cells. <i>Human Cell</i> , 2020, 33, 490-501.	1.2	16
8297	Mesenchymal Stem Cells from Human Exfoliated Deciduous Teeth and the Orbicularis Oris Muscle: How Do They Behave When Exposed to a Proinflammatory Stimulus?. <i>Stem Cells International</i> , 2020, 2020, 1-15.	1.2	8
8298	Neocortical tissue recovery in severe congenital obstructive hydrocephalus after intraventricular administration of bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 121.	2.4	6
8299	Ganglioside GM3 Up-Regulate Chondrogenic Differentiation by Transform Growth Factor Receptors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1967.	1.8	7
8300	Differential Gene Expression between Limbal Niche Progenitors and Bone Marrow Derived Mesenchymal Stem Cells. <i>International Journal of Medical Sciences</i> , 2020, 17, 549-557.	1.1	10
8301	Super-assembled core/shell fibrous frameworks with dual growth factors for <i>in situ</i> cementum-ligament bone complex regeneration. <i>Biomaterials Science</i> , 2020, 8, 2459-2471.	2.6	21
8302	Bone marrow- and adipose tissue-derived mesenchymal stem cells from donors with coronary artery disease; growth, yield, gene expression and the effect of oxygen concentration. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2020, 80, 318-326.	0.6	21

#	ARTICLE	IF	CITATIONS
8303	The bone marrow stromal niche: a therapeutic target of hematological myeloid malignancies. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 451-462.	1.5	11
8304	Pro-Inflammatory Priming of Umbilical Cord Mesenchymal Stromal Cells Alters the Protein Cargo of Their Extracellular Vesicles. <i>Cells</i> , 2020, 9, 726.	1.8	21
8305	Safety and Localization of Mesenchymal Stromal Cells Derived from Human Adipose Tissue-Associated Hyaluronic Acid: A Preclinical Study. <i>Stem Cells International</i> , 2020, 2020, 1-15.	1.2	3
8306	Adipose-derived stromal cells in regulation of hematopoiesis. <i>Cellular and Molecular Biology Letters</i> , 2020, 25, 16.	2.7	6
8307	Characterization of the immunomodulatory properties of alveolar bone-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 102.	2.4	30
8308	Bone marrow adipose cells – cellular interactions and changes with obesity. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	22
8309	Stem cells out of the bag: characterization of ex vivo expanded mesenchymal stromal cells for possible clinical use. <i>Future Science OA</i> , 2020, 6, FSO449.	0.9	3
8310	Five Decades Later, Are Mesenchymal Stem Cells Still Relevant?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 148.	2.0	109
8311	Influence of Bone Marrow-Derived Mesenchymal Stem Cell Therapy on Oxidative Stress Intensity in Minimally Conscious State Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 683.	1.0	11
8312	Bioprocess Development for Human Mesenchymal Stem Cell Therapy Products. , 0, , .		6
8313	Proteomic Profiling of Stem Cell Tissues during Regeneration of Deer Antler: A Model of Mammalian Organ Regeneration. <i>Journal of Proteome Research</i> , 2020, 19, 1760-1775.	1.8	17
8314	Mesenchymal Stem Cell Derived Extracellular Vesicles in Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 107.	1.8	60
8315	Small extracellular vesicles secreted from human amniotic fluid mesenchymal stromal cells possess cardioprotective and promigratory potential. <i>Basic Research in Cardiology</i> , 2020, 115, 26.	2.5	62
8316	In Vivo Effects of Human Bone Marrow Mesenchymal Stromal Cells on the Development of Experimental B16 Melanoma in Mice. <i>Bulletin of Experimental Biology and Medicine</i> , 2020, 168, 561-565.	0.3	4
8317	Where is human-based cellular pharmaceutical R&D taking us in cartilage regeneration?. <i>3 Biotech</i> , 2020, 10, 161.	1.1	6
8318	A Comparative Analysis of Multipotent Mesenchymal Stromal Cells derived from Different Sources, with a Focus on Neuroregenerative Potential. <i>Scientific Reports</i> , 2020, 10, 4290.	1.6	111
8319	Aggregation of Human Mesenchymal Stromal Cells Eliminates Their Ability to Suppress Human T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 143.	2.2	28
8320	Secretome of Senescent Adipose-Derived Mesenchymal Stem Cells Negatively Regulates Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1802.	1.8	46

#	ARTICLE	IF	CITATIONS
8321	Biomaterials Functionalized with MSC Secreted Extracellular Vesicles and Soluble Factors for Tissue Regeneration. <i>Advanced Functional Materials</i> , 2020, 30, 1909125.	7.8	204
8323	Expression and function of cartilage-derived pluripotent cells in joint development and repair. <i>Stem Cell Research and Therapy</i> , 2020, 11, 111.	2.4	11
8324	Fat Therapeutics: The Clinical Capacity of Adipose-Derived Stem Cells and Exosomes for Human Disease and Tissue Regeneration. <i>Frontiers in Pharmacology</i> , 2020, 11, 158.	1.6	117
8325	Altered Adhesion and Migration of Human Mesenchymal Stromal Cells under Febrile Temperature Stress Involves NF- κ B Pathway. <i>Scientific Reports</i> , 2020, 10, 4473.	1.6	10
8326	Adult and Cord Blood-Derived High-Affinity gB-CAR-T Cells Effectively React Against Human Cytomegalovirus Infections. <i>Human Gene Therapy</i> , 2020, 31, 423-439.	1.4	23
8327	Stromal Cells in the Pathogenesis of Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 995-1009.	0.6	36
8328	Mapping the structure and biological functions within mesenchymal bodies using microfluidics. <i>Science Advances</i> , 2020, 6, eaaw7853.	4.7	35
8329	Copper Does Not Induce Tenogenic Differentiation but Promotes Migration and Increases Lysyl Oxidase Activity in Adipose-Derived Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2020, 2020, 1-11.	1.2	8
8330	Bone marrow mesenchymal stem cells combined with ultra-purified alginate gel as a regenerative therapeutic strategy after discectomy for degenerated intervertebral discs. <i>EBioMedicine</i> , 2020, 53, 102698.	2.7	32
8331	Genetic barcoding reveals clonal dominance in iPSC-derived mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 105.	2.4	13
8332	Identification of human temporomandibular joint fibrocartilage stem cells with distinct chondrogenic capacity. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 842-852.	0.6	25
8333	Mesenchymal Stromal Cells Protect the Blood-Brain Barrier, Reduce Astroglia, and Prevent Cognitive and Behavioral Alterations in Surviving Septic Mice. <i>Critical Care Medicine</i> , 2020, 48, e290-e298.	0.4	27
8334	Extracellular Vesicles Derived From Mesenchymal Stem Cells (MSC) in Regenerative Medicine: Applications in Skin Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 146.	2.0	186
8335	Significance of MEF2C and RUNX3 Regulation for Endochondral Differentiation of Human Mesenchymal Progenitor Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 81.	1.8	15
8336	Scalable Generation of Mesenchymal Stem Cells and Adipocytes from Human Pluripotent Stem Cells. <i>Cells</i> , 2020, 9, 710.	1.8	12
8337	An Experimental Study Comparing the Expansion of Peripheral Blood Natural Killer (NK) Cells Cultured with Artificial Antigen-Presenting Cells, in the Presence or Absence of Bone Marrow Mesenchymal Stem Cells (MSCs). <i>Molecular Biotechnology</i> , 2020, 62, 306-315.	1.3	2
8338	Treatment of vocal fold scarring with autologous bone marrow-derived human mesenchymal stromal cells—first phase I/II human clinical study. <i>Stem Cell Research and Therapy</i> , 2020, 11, 128.	2.4	21
8339	Differentiation of Human Mesenchymal Stem Cells from Wharton's Jelly Towards Neural Stem Cells Using a Feasible and Repeatable Protocol. <i>Cells</i> , 2020, 9, 739.	1.8	24

#	ARTICLE	IF	CITATIONS
8340	The Combined Use of Stem Cells and Platelet Lysate Plasma for the Treatment of Erectile Dysfunction: A Pilot Study—6 Months Results. <i>Medicines (Basel, Switzerland)</i> , 2020, 7, 14.	0.7	12
8341	Paracrine Mechanisms of Mesenchymal Stromal Cells in Angiogenesis. <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	140
8342	Mesenchymal Stem Cell-Derived Extracellular Vesicles in Tissue Regeneration. <i>Cell Transplantation</i> , 2020, 29, 096368972090850.	1.2	55
8343	Murine Mesenchymal Stromal Cells Retain Biased Differentiation Plasticity Towards Their Tissue of Origin. <i>Cells</i> , 2020, 9, 756.	1.8	9
8344	Increased Exhaustion of the Subchondral Bone-Derived Mesenchymal Stem/ Stromal Cells in Primary Versus Dysplastic Osteoarthritis. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 742-754.	1.7	15
8345	Rat Olfactory Mucosa Mesenchymal Stem/Stromal Cells (OM-MSCs): A Characterization Study. <i>International Journal of Cell Biology</i> , 2020, 2020, 1-21.	1.0	11
8346	Effect of a Bone Marrow-Derived Extracellular Matrix on Cell Adhesion and Neural Induction of Dental Pulp Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 100.	1.8	23
8347	The Role of Bone Marrow Mesenchymal Stem Cell Derived Extracellular Vesicles (MSC-EVs) in Normal and Abnormal Hematopoiesis and Their Therapeutic Potential. <i>Journal of Clinical Medicine</i> , 2020, 9, 856.	1.0	51
8348	Functional Comparison between Healthy and Multiple Myeloma Adipose Stromal Cells. <i>Stem Cells International</i> , 2020, 2020, 1-9.	1.2	5
8349	A model study for the manufacture and validation of clinical-grade deciduous dental pulp stem cells for chronic liver fibrosis treatment. <i>Stem Cell Research and Therapy</i> , 2020, 11, 134.	2.4	18
8350	Senescence in Mesenchymal Stem Cells: Functional Alterations, Molecular Mechanisms, and Rejuvenation Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 258.	1.8	142
8351	Could the Enrichment of a Biomaterial with Conditioned Medium or Extracellular Vesicles Modify Bone-Remodeling Kinetics during a Defect Healing? Evaluations on Rat Calvaria with Synchrotron-Based Microtomography. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2336.	1.3	3
8352	Cytoprotective effects of antioxidant supplementation on mesenchymal stem cell therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 6462-6495.	2.0	20
8353	Engineering Stem Cell-Derived Extracellular Matrices: Decellularization, Characterization, and Biological Function. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 402-422.	2.5	44
8354	Mesenchymal Stem Cells for Chronic Wound Healing: Current Status of Preclinical and Clinical Studies. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 555-570.	2.5	115
8355	Chorioallantoic Membrane Assay as Model for Angiogenesis in Tissue Engineering: Focus on Stem Cells. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 519-539.	2.5	43
8356	Cell reprogramming using extracellular vesicles from differentiating stem cells into white/beige adipocytes. <i>Science Advances</i> , 2020, 6, eaay6721.	4.7	48
8357	Pleiotropic effects of vitamin D 3 on CD4 + T lymphocytes mediated by human periodontal ligament cells and inflammatory environment. <i>Journal of Clinical Periodontology</i> , 2020, 47, 689-701.	2.3	8

#	ARTICLE	IF	CITATIONS
8358	Regenerative potential of allogeneic adipose tissue-derived mesenchymal cells in canine cutaneous wounds. <i>Acta Veterinaria Scandinavica</i> , 2020, 62, 13.	0.5	9
8359	Concanavalin A Enhanced Proliferation and Osteogenic Differentiation of Dental Pulp Stem Cells. <i>European Journal of Dentistry</i> , 2020, 14, 123-127.	0.8	5
8360	CORR Insights®: Fibrin Clots Maintain the Viability and Proliferative Capacity of Human Mesenchymal Stem Cells: An In Vitro Study. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 665-667.	0.7	1
8361	Oral Mesenchymal Stem/Progenitor Cells: The Immunomodulatory Masters. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	84
8362	Different culture method changing CD105 expression in amniotic fluid MSCs without affecting differentiation ability or immune function. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4212-4222.	1.6	12
8363	Locally Delivered Umbilical Cord Mesenchymal Stromal Cells Reduce Chronic Inflammation in Long-Term Nonhealing Wounds: A Randomized Study. <i>Stem Cells International</i> , 2020, 2020, 1-11.	1.2	16
8364	Reporting Guidelines, Review of Methodological Standards, and Challenges Toward Harmonization in Bone Marrow Adiposity Research. Report of the Methodologies Working Group of the International Bone Marrow Adiposity Society. <i>Frontiers in Endocrinology</i> , 2020, 11, 65.	1.5	53
8365	Macrophage: A Potential Target on Cartilage Regeneration. <i>Frontiers in Immunology</i> , 2020, 11, 111.	2.2	176
8366	Evaluation of Mesenchymal Stem Cell Therapy for Sepsis: A Randomized Controlled Porcine Study. <i>Frontiers in Immunology</i> , 2020, 11, 126.	2.2	22
8367	Osteoporosis and the Potential of Cell-Based Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1653.	1.8	55
8368	Current Status of Stem Cell Therapy for Sepsis and Acute Respiratory Distress Syndrome. , 2020, , .		2
8369	Coronary corium, a new source of equine mesenchymal stromal cells. <i>Veterinary Research Communications</i> , 2020, 44, 41-49.	0.6	1
8370	Mesenchymal stem cell-derived exosomes protect beta cells against hypoxia-induced apoptosis via miR-21 by alleviating ER stress and inhibiting p38 MAPK phosphorylation. <i>Stem Cell Research and Therapy</i> , 2020, 11, 97.	2.4	100
8371	Fabrication of calcium phosphate 3D scaffolds for bone repair using magnetic levitational assembly. <i>Scientific Reports</i> , 2020, 10, 4013.	1.6	21
8372	Mesenchymal Stem Cells Beyond Regenerative Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 72.	1.8	60
8373	Chlorzoxazone, a small molecule drug, augments immunosuppressive capacity of mesenchymal stem cells via modulation of FOXO3 phosphorylation. <i>Cell Death and Disease</i> , 2020, 11, 158.	2.7	18
8374	A Rationale for the Use of Clotted Vertebral Bone Marrow to Aid Tissue Regeneration Following Spinal Surgery. <i>Scientific Reports</i> , 2020, 10, 4115.	1.6	7
8375	Allogeneic Fibrin Clot for Odontogenic/Cementogenic Differentiation of Human Dental Mesenchymal Stem Cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 511-524.	1.6	9

#	ARTICLE	IF	CITATIONS
8376	The therapeutic potential of exogenous adult stem cells for the injured central nervous system. , 2020, , 147-258.		1
8377	Role of mesenchymal stem cells in central nervous system regenerative medicine: past, present, and future. , 2020, , 539-570.		0
8378	A circular RNA map for human induced pluripotent stem cells of foetal origin. EBioMedicine, 2020, 57, 102848.	2.7	9
8379	Comparative analysis of gene expression between articular cartilage-derived cells to assess suitability of fibronectin adhesion assay to enrich chondroprogenitors. Knee, 2020, 27, 755-759.	0.8	11
8380	Adipose tissue in health and disease through the lens of its building blocks. Scientific Reports, 2020, 10, 10433.	1.6	40
8381	Influence of Microenvironment on Mesenchymal Stem Cell Therapeutic Potency: From Planar Culture to Microcarriers. Frontiers in Bioengineering and Biotechnology, 2020, 8, 640.	2.0	61
8382	Cutaneous wound healing: canine allogeneic ASC therapy. Stem Cell Research and Therapy, 2020, 11, 261.	2.4	21
8383	Three-Dimensional Compaction Switches Stress Response Programs and Enhances Therapeutic Efficacy of Endometrial Mesenchymal Stem/Stromal Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 473.	1.8	22
8384	Mesenchymal stem cell derived extracellular vesicles: promising immunomodulators against autoimmune, autoinflammatory disorders and SARS-CoV-2 infection. Turkish Journal of Biology, 2020, 44, 273-282.	2.1	24
8385	Transcriptomic profiling reveals disease-specific characteristics of epithelial cells in idiopathic pulmonary fibrosis. Respiratory Research, 2020, 21, 165.	1.4	11
8386	The Higher Inherent Therapeutic Potential of Biomaterial-Based hDPSCs and hEnSCs for Pancreas Diseases. Frontiers in Bioengineering and Biotechnology, 2020, 8, 636.	2.0	4
8387	Modifying MSC Phenotype to Facilitate Bone Healing: Biological Approaches. Frontiers in Bioengineering and Biotechnology, 2020, 8, 641.	2.0	21
8388	Enhanced Chondrogenic Capacity of Mesenchymal Stem Cells After TNF α Pre-treatment. Frontiers in Bioengineering and Biotechnology, 2020, 8, 658.	2.0	10
8389	The Multifaceted Roles of MSCs in the Tumor Microenvironment: Interactions With Immune Cells and Exploitation for Therapy. Frontiers in Cell and Developmental Biology, 2020, 8, 447.	1.8	27
8390	Human Mesenchymal Stromal Cell (MSC) Characteristics Vary Among Laboratories When Manufactured From the Same Source Material: A Report by the Cellular Therapy Team of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative. Frontiers in Cell and Developmental Biology, 2020, 8, 458.	1.8	28
8391	hsa_circ_0026827 Promotes Osteoblast Differentiation of Human Dental Pulp Stem Cells Through the Beclin1 and RUNX1 Signaling Pathways by Sponging miR-188-3p. Frontiers in Cell and Developmental Biology, 2020, 8, 470.	1.8	41
8392	The Delivery of Multipotent Adult Progenitor Cells to Extended Criteria Human Donor Livers Using Normothermic Machine Perfusion. Frontiers in Immunology, 2020, 11, 1226.	2.2	40
8393	Mesenchymal Stromal Cells, a New Player in Reducing Complications From Liver Transplantation?. Frontiers in Immunology, 2020, 11, 1306.	2.2	7

#	ARTICLE	IF	CITATIONS
8394	Human Cardiac Mesenchymal Stromal Cells From Right and Left Ventricles Display Differences in Number, Function, and Transcriptomic Profile. <i>Frontiers in Physiology</i> , 2020, 11, 604.	1.3	5
8395	Injected human umbilical cord-derived mesenchymal stromal cells do not appear to elicit an inflammatory response in a murine model of osteoarthritis. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100044.	0.9	7
8396	Osteogenic in vitro training of bone marrow mesenchymal cells for application in segmentary bone resections. <i>Revista Española De Cirugía Ortopédica Y Traumatología</i> , 2020, 64, 236-243.	0.1	0
8397	Stem cells in the treatment of bronchopulmonary dysplasia. , 2020, , 111-126.		0
8398	Adhesion, intracellular signalling and osteogenic differentiation of mesenchymal progenitor cells and preosteoblasts on poly(epsilon)caprolactone films functionalized by peptides derived from fibronectin and/or BMP-9. <i>Materials Science and Engineering C</i> , 2020, 114, 111088.	3.8	6
8399	Injury intensifies T cell mediated graft-versus-host disease in a humanized model of traumatic brain injury. <i>Scientific Reports</i> , 2020, 10, 10729.	1.6	4
8400	Three-dimensional silk fibroin scaffolds enhance the bone formation and angiogenic differentiation of human amniotic mesenchymal stem cells: a biocompatibility analysis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 590-602.	0.9	14
8401	Functional changes in decidual mesenchymal stem/stromal cells are associated with spontaneous onset of labour. <i>Molecular Human Reproduction</i> , 2020, 26, 636-651.	1.3	9
8402	A Novel Spindle Cell Population in a Case of Primary Osteoma Cutis With GNAS Mutation. <i>American Journal of Dermatopathology</i> , 2020, 42, e72-e75.	0.3	2
8403	Skeletal Stem Cellsâ€™ Phenotype and Function. , 2020, , 9-20.		0
8404	Osteogenic differentiation of bone marrow mesenchymal stem cells on chitosan/gelatin scaffolds: gene expression profile and mechanical analysis. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 064101.	1.7	10
8405	Burns in the Elderly: Potential Role of Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4604.	1.8	10
8406	Dual Network Hydrogels Incorporated with Bone Morphogenic Protein-7-Loaded Hyaluronic Acid Complex Nanoparticles for Inducing Chondrogenic Differentiation of Synovium-Derived Mesenchymal Stem Cells. <i>Pharmaceutics</i> , 2020, 12, 613.	2.0	11
8407	Human mesenchymal stem cells inhibit the differentiation and effector functions of monocytes. <i>Innate Immunity</i> , 2020, 26, 424-434.	1.1	14
8408	Three-dimensional environment and vascularization induce osteogenic maturation of human adipose-derived stem cells comparable to that of bone-derived progenitors. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1651-1666.	1.6	9
8409	Ex vivo-expanded autologous adipose tissue-derived stromal cells ensure enhanced fat graft retention in breast augmentation: A randomized controlled clinical trial. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1277-1286.	1.6	40
8410	Effect of autologous adipose-derived mesenchymal stem cell therapy in the treatment of an osteochondral lesion of the ankle. <i>BMJ Case Reports</i> , 2020, 13, e234595.	0.2	12
8411	Endometrial and Menstrual Blood Mesenchymal Stem/Stromal Cells: Biological Properties and Clinical Application. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 497.	1.8	107

#	ARTICLE	IF	CITATIONS
8412	Insights into Arbutin Effects on Bone Cells: Towards the Development of Antioxidant Titanium Implants. <i>Antioxidants</i> , 2020, 9, 579.	2.2	15
8413	The Dual Nature of Mesenchymal Stem Cells (MSCs): Yin and Yang of the Inflammatory Process. , 2020, , .		3
8414	Adipose-derived mesenchymal stromal cells for the treatment of patients with severe SARS-CoV-2 pneumonia requiring mechanical ventilation. A proof of concept study. <i>EClinicalMedicine</i> , 2020, 25, 100454.	3.2	136
8415	Functional and histological evaluation of bone marrow stem cell-derived exosomes therapy on the submandibular salivary gland of diabetic Albino rats through TGF β ² / Smad3 signaling pathway. <i>Heliyon</i> , 2020, 6, e03789.	1.4	15
8416	RNA-sequencing reveals positional memory of multipotent mesenchymal stromal cells from oral and maxillofacial tissue transcriptomes. <i>BMC Genomics</i> , 2020, 21, 417.	1.2	11
8417	Dose-Independent Therapeutic Benefit of Bone Marrow Stem Cell Transplantation after MI in Mice. <i>Biomedicines</i> , 2020, 8, 157.	1.4	6
8418	The Role of Mesenchymal Stromal Cells in the Management of Osteoarthritis of the Knee. , 2020, , .		1
8419	Therapeutic potential of mesenchymal stem cells and their exosomes in severe novel coronavirus disease 2019 (COVID-19) cases. <i>Inflammation and Regeneration</i> , 2020, 40, 14.	1.5	59
8420	Extensive Characterization of Mesenchymal Stem Cell Marker Expression on Freshly Isolated and <i>In Vitro</i> Expanded Human Adipose-Derived Stem Cells from Breast Cancer Patients. <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	9
8421	Distinctive Subpopulations of Stromal Cells Are Present in Human Lymph Nodes Infiltrated with Melanoma. <i>Cancer Immunology Research</i> , 2020, 8, 990-1003.	1.6	10
8422	Improved harmonization of critical characterization assays across cell therapies. <i>Regenerative Medicine</i> , 2020, 15, 1661-1678.	0.8	10
8423	MiR-200b in heme oxygenase-1-modified bone marrow mesenchymal stem cell-derived exosomes alleviates inflammatory injury of intestinal epithelial cells by targeting high mobility group box 3. <i>Cell Death and Disease</i> , 2020, 11, 480.	2.7	31
8424	CCL1 blockade alleviates human mesenchymal stem cell (hMSC)-induced pulmonary fibrosis in a murine sclerodermatous graft-versus-host disease (Scl-GVHD) model. <i>Stem Cell Research and Therapy</i> , 2020, 11, 254.	2.4	7
8425	Lung delivery of MSCs expressing anti-cancer protein TRAIL visualised with 89Zr-oxine PET-CT. <i>Stem Cell Research and Therapy</i> , 2020, 11, 256.	2.4	32
8426	Exposure of Patient-Derived Mesenchymal Stromal Cells to TGFB1 Supports Fibrosis Induction in a Pediatric Acute Megakaryoblastic Leukemia Model. <i>Molecular Cancer Research</i> , 2020, 18, 1603-1612.	1.5	1
8427	The response of gingiva monolayer, spheroid, and ex vivo tissue cultures to collagen membranes and bone substitute. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1307-1317.	1.3	5
8428	A Monte Carlo framework for managing biological variability in manufacture of autologous cell therapy from mesenchymal stromal cells therapies. <i>Cytotherapy</i> , 2020, 22, 227-238.	0.3	11
8429	The Masquelet technique: Current concepts, animal models, and perspectives. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1349-1359.	1.3	27

#	ARTICLE	IF	CITATIONS
8430	The synovial fluid from patients with focal cartilage defects contains mesenchymal stem/stromal cells and macrophages with pro- and anti-inflammatory phenotypes. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100039.	0.9	6
8431	Enhancement of bone marrow aspirate concentrate with local self-healing corticotomies. <i>Tissue and Cell</i> , 2020, 66, 101383.	1.0	2
8432	Mechanical emulsification of lipoaspirate by different Luer-Lok connector changes the viability of adipose derived stem cells in Nanofat. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2020, 54, 344-351.	0.4	5
8433	Effect of autologous adipose-derived mesenchymal stem cell therapy in combination with autologous platelet-rich plasma in the treatment of elbow tendinopathy. <i>BMJ Case Reports</i> , 2020, 13, e234592.	0.2	7
8434	Heparin Anticoagulant for Human Bone Marrow Does Not Influence In Vitro Performance of Human Mesenchymal Stromal Cells. <i>Cells</i> , 2020, 9, 1580.	1.8	4
8435	Osteochondral repair combining therapeutics implant with mesenchymal stem cells spheroids. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102253.	1.7	14
8436	Response of Human Mesenchymal Stromal Cells from Periodontal Tissue to LPS Depends on the Purity but Not on the LPS Source. <i>Mediators of Inflammation</i> , 2020, 2020, 1-17.	1.4	21
8437	Reproducible Large-Scale Isolation of Exosomes from Adipose Tissue-Derived Mesenchymal Stem/Stromal Cells and Their Application in Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4774.	1.8	67
8438	Mesenchymal stromal cells and their secreted extracellular vesicles as therapeutic tools for COVID-19 pneumonia?. <i>Journal of Controlled Release</i> , 2020, 325, 135-140.	4.8	28
8439	Comparison of mesenchymal stem cell sheets and chondrocyte sheets in a rabbit growth plate injury model. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 1082-1096.	0.4	9
8440	Single cell migration profiling on a microenvironmentally tunable hydrogel microstructure device that enables stem cell potency evaluation. <i>Lab on A Chip</i> , 2020, 20, 958-972.	3.1	5
8441	Different approaches for transformation of mesenchymal stem cells into hepatocyte-like cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 54.	2.4	58
8442	Failure of intrathecal allogeneic mesenchymal stem cells to halt progressive demyelination in two boys with cerebral adrenoleukodystrophy. <i>Stem Cells Translational Medicine</i> , 2020, 9, 554-558.	1.6	6
8443	The Importance of Stem Cell Senescence in Regenerative Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1288, 87-102.	0.8	10
8444	Differentiation of human umbilical cord mesenchymal stem cells into Leydig-like cells with defined molecular compounds. <i>Human Cell</i> , 2020, 33, 318-329.	1.2	6
8445	Mesenchymal stem cells as carriers for systemic delivery of oncolytic viruses. <i>European Journal of Pharmacology</i> , 2020, 874, 172991.	1.7	49
8446	Dental Stem Cell-Derived Secretome/Conditioned Medium: The Future for Regenerative Therapeutic Applications. <i>Stem Cells International</i> , 2020, 2020, 1-29.	1.2	69
8447	Dental Tissue and Stem Cells Revisited: New Insights From the Expression of Fibroblast Activation Protein-Alpha. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 389.	1.8	10

#	ARTICLE	IF	CITATIONS
8448	Smart Hydrogels for the Augmentation of Bone Regeneration by Endogenous Mesenchymal Progenitor Cell Recruitment. <i>Advanced Science</i> , 2020, 7, 1903395.	5.6	46
8449	Modulation of the in vitro angiogenic potential of human mesenchymal stromal cells from different tissue sources. <i>Journal of Cellular Physiology</i> , 2020, 235, 7224-7238.	2.0	16
8450	Lack of a skeletal muscle phenotype in adult human bone marrow stromal cells following xenogeneic-free expansion. <i>Stem Cell Research and Therapy</i> , 2020, 11, 79.	2.4	3
8451	Reproducible Derivation and Expansion of Corneal Mesenchymal Stromal Cells for Therapeutic Applications. <i>Translational Vision Science and Technology</i> , 2020, 9, 26.	1.1	15
8452	Inhibition of growth of Asian keloid cells with human umbilical cord Wharton's jelly stem cell-conditioned medium. <i>Stem Cell Research and Therapy</i> , 2020, 11, 78.	2.4	14
8453	Bone Marrow Stromal Cell-Derived IL-8 Upregulates PVR Expression on Multiple Myeloma Cells via NF- κ B Transcription Factor. <i>Cancers</i> , 2020, 12, 440.	1.7	21
8454	Molecular Mechanisms Contributing to Mesenchymal Stromal Cell Aging. <i>Biomolecules</i> , 2020, 10, 340.	1.8	74
8455	Nanoparticle-Based Delivery of Tumor Suppressor microRNA for Cancer Therapy. <i>Cells</i> , 2020, 9, 521.	1.8	61
8456	Evolution of ASC Immunophenotypical Subsets During Expansion In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1408.	1.8	18
8457	Bone Marrow Stromal Cells Drive Key Hallmarks of B Cell Malignancies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1466.	1.8	18
8458	Three-Dimensional Printing: A Catalyst for a Changing Orthopaedic Landscape. <i>JBJS Reviews</i> , 2020, 8, e0076-e0076.	0.8	18
8459	Purity Determines the Effect of Extracellular Vesicles Derived from Mesenchymal Stromal Cells. <i>Cells</i> , 2020, 9, 422.	1.8	18
8460	Cryo-imaging of Stem Cell Biodistribution in Mouse Model of Graft-Versus-Host-Disease. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1702-1711.	1.3	11
8461	Mesenchymal Stem Cell-Mediated Immuno-Modulatory and Anti-Inflammatory Mechanisms in Immune and Allergic Disorders. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2020, 14, 3-14.	3.9	13
8462	The Phenotype and Functional Activity of Mesenchymal Stromal Cells in Pediatric Patients with Non-Malignant Hematological Diseases. <i>Cells</i> , 2020, 9, 431.	1.8	3
8463	Biological responses of dental pulp cells to surfaces modified by collagen 1 and fibronectin. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1369-1379.	2.1	3
8464	Amniotic Membrane Enhance the Effect of Vascular Endothelial Growth Factor on the Angiogenic Marker Expression of Stem Cells from Human Exfoliated Deciduous Teeth. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 177-190.	1.4	4
8465	Hypoxic Preconditioning Effect on the Expression of Intracellular Heat Shock Protein (HSP) 27, HSP 70 and HSP 90 on Cultured Adipocyte-Derived Mesenchymal Stem Cells (AMSCs). <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 441, 012160.	0.2	0

#	ARTICLE	IF	CITATIONS
8466	Hypoxic Preconditioning Effects of Bone Marrow-derived Culture Mesenchymal Stem Cells on CD31+ Expression, Vascular Endothelial Growth Factors-a (VEGF-A) and Stromal-derived Sactors-1 Alpha (SDF-1 β). IOP Conference Series: Earth and Environmental Science, 2020, 441, 012161.	0.2	1
8467	Effect of Allogeneic Cell-Based Tissue-Engineered Treatments in a Sheep Osteonecrosis Model. Tissue Engineering - Part A, 2020, 26, 993-1004.	1.6	10
8468	A topical cell therapy approach for diabetic chronic ulcers: Effects of mesenchymal stromal cells associated with platelet-rich plasma. Journal of Cosmetic Dermatology, 2020, 19, 2669-2678.	0.8	10
8469	Adipose-Derived Biogenic Nanoparticles for Suppression of Inflammation. Small, 2020, 16, e1904064.	5.2	53
8470	Evaluation of the stability of standard reference genes of adipose-derived mesenchymal stem cells during in vitro proliferation and differentiation. Molecular Biology Reports, 2020, 47, 2109-2122.	1.0	10
8471	Therapeutic Potential of Wharton's Jelly Mesenchymal Stem Cells for Diabetes: Achievements and Challenges. Frontiers in Cell and Developmental Biology, 2020, 8, 16.	1.8	45
8472	GARP is a key molecule for mesenchymal stromal cell responses to TGF- β 2 and fundamental to control mitochondrial ROS levels. Stem Cells Translational Medicine, 2020, 9, 636-650.	1.6	11
8473	Advances in regenerative therapy: A review of the literature and future directions. Regenerative Therapy, 2020, 14, 136-153.	1.4	92
8474	The Secretome Derived From Mesenchymal Stromal Cells Cultured in a Xeno-Free Medium Promotes Human Cartilage Recovery in vitro. Frontiers in Bioengineering and Biotechnology, 2020, 8, 90.	2.0	23
8475	Ex Vivo Human Adipose Tissue Derived Mesenchymal Stromal Cells (ASC) Are a Heterogeneous Population That Demonstrate Rapid Culture-Induced Changes. Frontiers in Pharmacology, 2019, 10, 1695.	1.6	26
8476	Endoglin: Beyond the Endothelium. Biomolecules, 2020, 10, 289.	1.8	62
8477	Intrathecal Injection in a Rat Model: A Potential Route to Deliver Human Wharton's Jelly-Derived Mesenchymal Stem Cells into the Brain. International Journal of Molecular Sciences, 2020, 21, 1272.	1.8	22
8478	Glycosaminoglycan remodeling during chondrogenic differentiation of human bone marrow/synovial-derived mesenchymal stem/stromal cells under normoxia and hypoxia. Glycoconjugate Journal, 2020, 37, 345-360.	1.4	10
8479	High-Resolution Dissection of Chemical Reprogramming from Mouse Embryonic Fibroblasts into Fibrocartilaginous Cells. Stem Cell Reports, 2020, 14, 478-492.	2.3	7
8480	Differential circular RNA expression profiling during osteogenic differentiation in human adipose-derived stem cells. Epigenomics, 2020, 12, 289-302.	1.0	14
8482	Expanded Differentiation Capability of Human Wharton's Jelly Stem Cells Toward Pluripotency: A Systematic Review. Tissue Engineering - Part B: Reviews, 2020, 26, 301-312.	2.5	10
8483	Human mesenchymal stem cell therapy for cartilage repair: Review on isolation, expansion, and constructs. Stem Cell Research, 2020, 44, 101738.	0.3	53
8484	Mesenchymal stem cell transplantation attenuates growth of chemotherapy treated oral squamous cell carcinoma in an animal model. Journal of Oral Pathology and Medicine, 2020, 49, 655-664.	1.4	7

#	ARTICLE	IF	CITATIONS
8485	Hydrogel cross-linkingâ€“programmed release of nitric oxide regulates source-dependent angiogenic behaviors of human mesenchymal stem cell. <i>Science Advances</i> , 2020, 6, eaay5413.	4.7	33
8486	Permanent Pro-Tumorigenic Shift in Adipose Tissue-Derived Mesenchymal Stromal Cells Induced by Breast Malignancy. <i>Cells</i> , 2020, 9, 480.	1.8	17
8487	Adult Osteosclerotic Metaphyseal Dysplasia With Progressive Osteonecrosis of the Jaws and Abnormal Bone Resorption Pattern Due to a <i>LRRK1</i> Splice Site Mutation. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1322-1332.	3.1	18
8488	Functional dosing of mesenchymal stromal cell-derived extracellular vesicles for the prevention of acute graft-versus-host-disease. <i>Stem Cells</i> , 2020, 38, 698-711.	1.4	48
8489	Efficient isolation and proliferation of human adipose-derived mesenchymal stromal cells in xeno-free conditions. <i>Molecular Biology Reports</i> , 2020, 47, 2475-2486.	1.0	9
8490	Endometrial Stem/Progenitor Cells. <i>Current Obstetrics and Gynecology Reports</i> , 2020, 9, 7-14.	0.3	0
8491	miR-99a in bone homeostasis: Regulating osteogenic lineage commitment and osteoclast differentiation. <i>Bone</i> , 2020, 134, 115303.	1.4	22
8492	Tissues from Post-Mortem Donors as Alternative Sources of Stem Cells for Regenerative Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1288, 33-46.	0.8	3
8493	Editorial comment: variables affecting the presence of mesenchymal stromal cells in the peripheral blood and their relationship with apheresis product. <i>British Journal of Haematology</i> , 2020, 189, 593-596.	1.2	5
8494	Cell pausing method for adipose tissue derived mesenchymal stem cells: comparison of Petaka G3 and ordinary flask. <i>Stem Cell Investigation</i> , 0, 7, 1-1.	1.3	2
8495	Comprehensive Characterization of Titania Nanotubes Fabricated on Tiâ€“Nb Alloys: Surface Topography, Structure, Physicomechanical Behavior, and a Cell Culture Assay. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1487-1499.	2.6	35
8496	Differentiation of human umbilical cord mesenchymal stem cell into germâ€“like cell under effect of coâ€“culture with testicular cell tissue. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2020, 49, 359-364.	0.3	6
8497	The Immunomodulatory Properties of the Human Amnion-Derived Mesenchymal Stromal/Stem Cells Are Induced by INF- β Produced by Activated Lymphomonocytes and Are Mediated by Cell-To-Cell Contact and Soluble Factors. <i>Frontiers in Immunology</i> , 2020, 11, 54.	2.2	70
8498	Exosomes Derived from Human Umbilical Cord Mesenchymal Stem Cells Promote Proliferation of Allogeneic Endometrial Stromal Cells. <i>Reproductive Sciences</i> , 2020, 27, 1372-1381.	1.1	19
8499	Canine umbilical cord perivascular tissue: A source of stem cells for therapy and research. <i>Research in Veterinary Science</i> , 2020, 129, 193-202.	0.9	3
8500	Establishment and Characterization of a <i>Brca1</i> ^{-/-} , <i>p53</i> ^{-/-} Mouse Mammary Tumor Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1185.	1.8	10
8501	Bone marrow stem cells accelerate lung maturation and prevent the LPS-induced delay of morphological and functional fetal lung development in the presence of ErbB4. <i>Cell and Tissue Research</i> , 2020, 380, 547-564.	1.5	2
8502	Role of bone marrow-derived mesenchymal stem cells on the parotid glands of streptozotocin induced diabetes rats. <i>Journal of Oral Biology and Craniofacial Research</i> , 2020, 10, 33-37.	0.8	10

#	ARTICLE	IF	CITATIONS
8503	Xenogeneic transplantation of human WJâ€MSCs rescues mice from acute radiation syndrome via Nrfâ€2â€dependent regeneration of damaged tissues. American Journal of Transplantation, 2020, 20, 2044-2057.	2.6	14
8504	JAK inhibition increases bone mass in steady-state conditions and ameliorates pathological bone loss by stimulating osteoblast function. Science Translational Medicine, 2020, 12, .	5.8	80
8505	Implications of Anti-Inflammatory Nature of Exosomes in Knee Arthritis. Cartilage, 2020, , 194760352090476.	1.4	9
8506	Angiogenic protein synthesis after photobiomodulation therapy on SHED: a preliminary study. Lasers in Medical Science, 2020, 35, 1909-1918.	1.0	4
8507	Aligned biomimetic scaffolds based on carbon nanotubes-reinforced polymeric nanofibers for knee meniscus tissue engineering. Materials Letters, 2020, 264, 127351.	1.3	19
8508	Human umbilical cord perivascular cells improve human pancreatic islet transplant function by increasing vascularization. Science Translational Medicine, 2020, 12, .	5.8	34
8509	Mesenchymal Stromal Cells from Fetal and Maternal Placenta Possess Key Similarities and Differences: Potential Implications for Their Applications in Regenerative Medicine. Cells, 2020, 9, 127.	1.8	55
8510	Mesenchymal stem cellâ€conditioned media: A novel alternative of stem cell therapy for quality wound healing. Journal of Cellular Physiology, 2020, 235, 5555-5569.	2.0	65
8511	Therapeutic Mesenchymal Stromal Cells for Immunotherapy and for Gene and Drug Delivery. Molecular Therapy - Methods and Clinical Development, 2020, 16, 204-224.	1.8	56
8512	Senescence-Associated Metabolomic Phenotype in Primary and iPSC-Derived Mesenchymal Stromal Cells. Stem Cell Reports, 2020, 14, 201-209.	2.3	62
8513	Hemmule: A Novel Structure with the Properties of the Stem Cell Niche. International Journal of Molecular Sciences, 2020, 21, 539.	1.8	4
8514	An Update on the Progress of Isolation, Culture, Storage, and Clinical Application of Human Bone Marrow Mesenchymal Stem/Stromal Cells. International Journal of Molecular Sciences, 2020, 21, 708.	1.8	92
8515	CD73 on cancer-associated fibroblasts enhanced by the A2B-mediated feedforward circuit enforces an immune checkpoint. Nature Communications, 2020, 11, 515.	5.8	117
8516	Application of mesenchymal stem cells in human diseases. , 2020, , 5-15.		3
8517	Role of mesenchymal stem cells in bone fracture repair and regeneration. , 2020, , 127-143.		1
8518	Mesenchymal stem cells in human health and diseases. , 2020, , 179-199.		1
8519	The FGF, TGFÎ² and WNT axis Modulate Self-renewal of Human SIX2+ Urine Derived Renal Progenitor Cells. Scientific Reports, 2020, 10, 739.	1.6	32
8520	Systemic conditioned medium treatment from interleukin-1 primed mesenchymal stem cells promotes recovery after stroke. Stem Cell Research and Therapy, 2020, 11, 32.	2.4	28

#	ARTICLE	IF	CITATIONS
8521	The Role of Adipose-Derived Stem Cells, Dermal Regenerative Templates, and Platelet-Rich Plasma in Tissue Engineering-Based Treatments of Chronic Skin Wounds. <i>Stem Cells International</i> , 2020, 2020, 1-17.	1.2	25
8522	Human adipose-derived Mesenchymal stem cells, low-intensity pulsed ultrasound, or their combination for the treatment of knee osteoarthritis: study protocol for a first-in-man randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 33.	0.8	13
8523	Interrogating the Osteogenic Potential of Implant Surfaces In Vitro: A Review of Current Assays. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 217-229.	2.5	5
8524	Mechanisms underlying the protective effects of mesenchymal stem cell-based therapy. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2771-2794.	2.4	316
8525	Glycogen synthase kinase 3 β inhibitor- CHIR 99021 augments the differentiation potential of mesenchymal stem cells. <i>Cytotherapy</i> , 2020, 22, 91-105.	0.3	20
8526	The effect of magnetic field exposure on differentiation of magnetite nanoparticle-loaded adipose-derived stem cells. <i>Materials Science and Engineering C</i> , 2020, 109, 110652.	3.8	27
8527	The Potential of Mesenchymal Stem Cells to Treat Systemic Inflammation in Horses. <i>Frontiers in Veterinary Science</i> , 2019, 6, 507.	0.9	34
8528	Preclinical Comparison of Stem Cells Secretome and Levodopa Application in a 6-Hydroxydopamine Rat Model of Parkinson's Disease. <i>Cells</i> , 2020, 9, 315.	1.8	24
8529	Effects of mesenchymal stromal cells on regulatory T cells: Current understanding and clinical relevance. <i>Stem Cells</i> , 2020, 38, 596-605.	1.4	65
8530	Umbilical cord-derived mesenchymal stem cells for treating osteoarthritis of the knee: a single-arm, open-label study. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 799-807.	0.6	34
8531	Stem Cell Treatment for Knee Articular Cartilage Defects and Osteoarthritis. <i>Current Reviews in Musculoskeletal Medicine</i> , 2020, 13, 20-27.	1.3	42
8532	A pair of cell preservation solutions for therapy with human adipose tissue-derived mesenchymal stromal cells. <i>Regenerative Therapy</i> , 2020, 14, 95-102.	1.4	13
8533	Local Intracerebral Immunomodulation Using Interleukin-Expressing Mesenchymal Stem Cells in Glioblastoma. <i>Clinical Cancer Research</i> , 2020, 26, 2626-2639.	3.2	31
8534	Increased mobilization of mesenchymal stem cells in patients with acute respiratory distress syndrome undergoing extracorporeal membrane oxygenation. <i>PLoS ONE</i> , 2020, 15, e0227460.	1.1	9
8535	Perspectives for Future Use of Extracellular Vesicles from Umbilical Cord- and Adipose Tissue-Derived Mesenchymal Stem/Stromal Cells in Regenerative Therapies—Synthetic Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 799.	1.8	46
8536	Eph/ephrin Signaling and Biology of Mesenchymal Stromal/Stem Cells. <i>Journal of Clinical Medicine</i> , 2020, 9, 310.	1.0	7
8537	Arrhythmogenic risks of stem cell replacement therapy for cardiovascular diseases. <i>Journal of Cellular Physiology</i> , 2020, 235, 6257-6267.	2.0	12
8538	Cell therapy with intravascular administration of mesenchymal stromal cells continues to appear safe: An updated systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2020, 19, 100249.	3.2	150

#	ARTICLE	IF	CITATIONS
8539	The protective effects of PI3K/Akt pathway on human nucleus pulposus mesenchymal stem cells against hypoxia and nutrition deficiency. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 29.	0.9	20
8540	Orthobiologics for the Hip Region: A Narrative Review. <i>PM and R</i> , 2020, 12, 1045-1054.	0.9	6
8541	Characterization of Mesenchymal Stem Cells Derived from Patients with Cerebellar Ataxia: Downregulation of the Anti-Inflammatory Secretome Profile. <i>Cells</i> , 2020, 9, 212.	1.8	11
8542	Human dental pulp stem cells differentiation to neural cells, osteocytes and adipocytes-An in vitro study. <i>Heliyon</i> , 2020, 6, e03054.	1.4	24
8543	The effect of high glucose on the biological characteristics of nucleus pulposusâ€derived mesenchymal stem cells. <i>Cell Biochemistry and Function</i> , 2020, 38, 130-140.	1.4	27
8544	Effects of transforming growth factorâ€21 on plasminogen activation in stem cells from theâ€apical papilla: role of activating receptorâ€like kinase 5/Smad2 andâ€mitogenâ€activated protein kinase kinase (MEK)/extracellular signalâ€regulated kinase (ERK) signalling. <i>International Endodontic Journal</i> , 2020, 53, 647-659.	2.3	7
8545	A comparative study on immunophenotypic characterization and osteogenic differentiation of human mesenchymal stromal cells derived from periodontal ligament and gingiva. <i>Journal of Periodontology</i> , 2020, 91, 1194-1202.	1.7	19
8546	hUCMSC-extracellular vesicles downregulated hepatic stellate cell activation and reduced liver injury in <i>S. japonicum</i> -infected mice. <i>Stem Cell Research and Therapy</i> , 2020, 11, 21.	2.4	40
8547	Mirroring the injured heart with stem cell-derived exosomes: an emerging strategy of cell-free therapy. <i>Stem Cell Research and Therapy</i> , 2020, 11, 23.	2.4	105
8548	Intraarticular injection of bone marrow-derived mesenchymal stem cells enhances regeneration in knee osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3827-3842.	2.3	58
8549	Epigallocatechin-3-gallate protects Wharton's jelly derived mesenchymal stem cells against in vitro heat stress. <i>European Journal of Pharmacology</i> , 2020, 872, 172958.	1.7	5
8550	Dopaminergic induction of human dental pulp stem cells by photobiomodulation: comparison of 660nm laser light and polychromatic light in the nir. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 204, 111742.	1.7	9
8551	Mesenchymal stromal cellâ€derived extracellular vesicles as cellâ€free biologics for the ex vivo expansion of hematopoietic stem cells. <i>Cell Biology International</i> , 2020, 44, 1078-1102.	1.4	23
8552	Connective Tissue Progenitor Analysis of Bone Marrow Aspirate Concentrate Harvested From the Body of the Ilium During Arthroscopic Acetabular Labral Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 1311-1320.	1.3	15
8553	Handheld instrument for wound-conformal delivery of skin precursor sheets improves healing in full-thickness burns. <i>Biofabrication</i> , 2020, 12, 025002.	3.7	62
8554	Therapeutic evidence of umbilical cord-derived mesenchymal stem cell transplantation for cerebral palsy: a randomized, controlled trial. <i>Stem Cell Research and Therapy</i> , 2020, 11, 43.	2.4	56
8555	Control of mesenchymal stem cell biology by histone modifications. <i>Cell and Bioscience</i> , 2020, 10, 11.	2.1	31
8556	Therapeutic Potential of Mesenchymal Stem Cells for Cancer Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 43.	2.0	204

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8557	Extracellular Vesicles Derived from Human Gingival Mesenchymal Stem Cells: A Transcriptomic Analysis. <i>Genes</i> , 2020, 11, 118.	1.0	49
8558	Use of Human Umbilical Cord and Its Byproducts in Tissue Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 117.	2.0	14
8559	Genetically Modified Mouse Mesenchymal Stem Cells Expressing Non-Structural Proteins of Hepatitis C Virus Induce Effective Immune Response. <i>Vaccines</i> , 2020, 8, 62.	2.1	13
8560	An overview of international regulatory frameworks for mesenchymal stromal cell-based medicinal products: From laboratory to patient. <i>Medicinal Research Reviews</i> , 2020, 40, 1315-1334.	5.0	16
8561	An update on human periapical cyst-mesenchymal stem cells and their potential applications in regenerative medicine. <i>Molecular Biology Reports</i> , 2020, 47, 2381-2389.	1.0	8
8562	N-glycosylation controls inflammatory licensing-triggered PD-L1 upregulation in human mesenchymal stromal cells. <i>Stem Cells</i> , 2020, 38, 986-993.	1.4	10
8563	Hypoxic Wharton's Jelly Stem Cell Conditioned Medium Induces Immunogenic Cell Death in Lymphoma Cells. <i>Stem Cells International</i> , 2020, 2020, 1-14.	1.2	9
8564	Therapeutic Potential of Extracellular Vesicles in Degenerative Diseases of the Intervertebral Disc. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 311.	2.0	34
8565	Human pluripotent stem cell-derived cardiac stromal cells and their applications in regenerative medicine. <i>Stem Cell Research</i> , 2020, 45, 101831.	0.3	6
8566	Comprehensive analysis of skeletal muscle- and bone-derived mesenchymal stem/stromal cells in patients with osteoarthritis and femoral neck fracture. <i>Stem Cell Research and Therapy</i> , 2020, 11, 146.	2.4	25
8567	Multi-differentiation potential is necessary for optimal tenogenesis of tendon stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 152.	2.4	12
8568	Adipose derived mesenchymal stem cells seeded onto a decellularized nerve allograft enhances angiogenesis in a rat sciatic nerve defect model. <i>Microsurgery</i> , 2020, 40, 585-592.	0.6	17
8569	Intraoperative radiotherapy for breast cancer treatment efficiently targets the tumor bed preventing breast adipose stromal cell outgrowth. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 398-404.	1.0	9
8570	Cardiac progenitor cells, tissue homeostasis, and regeneration. , 2020, , 579-591.		0
8571	Mesenchymal stem cells in musculoskeletal tissue engineering. , 2020, , 883-915.		2
8572	Bone tissue engineering and bone regeneration. , 2020, , 917-935.		9
8573	Clinical Outcomes Following Biologically Enhanced Patch Augmentation Repair as a Salvage Procedure for Revision Massive Rotator Cuff Tears. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 1542-1551.	1.3	22
8574	Characterisation and evaluation of the regenerative capacity of Stro-4+ enriched bone marrow mesenchymal stromal cells using bovine extracellular matrix hydrogel and a novel biocompatible melt electro-written medical-grade polycaprolactone scaffold. <i>Biomaterials</i> , 2020, 247, 119998.	5.7	29

#	ARTICLE	IF	CITATIONS
8575	Umbilical cord stem cells: Background, processing and applications. <i>Tissue and Cell</i> , 2020, 65, 101351.	1.0	27
8576	Morphological changes in synovial mesenchymal stem cells during their adhesion to the meniscus. <i>Laboratory Investigation</i> , 2020, 100, 916-927.	1.7	10
8577	An injectable BMSC-laden enzyme-catalyzed crosslinking collagen-hyaluronic acid hydrogel for cartilage repair and regeneration. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4237-4244.	2.9	50
8578	Extracellular matrix mimicking polycaprolactone-chitosan nanofibers promote stemness maintenance of mesenchymal stem cells via spheroid formation. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 035011.	1.7	12
8579	Cell Senescence and Mesenchymal Stromal Cells. <i>Human Physiology</i> , 2020, 46, 85-93.	0.1	2
8580	Cell therapy for the preterm infant: promise and practicalities. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 563-568.	1.4	8
8581	Human Platelet Lysate Can Replace Fetal Calf Serum as a Protein Source to Promote Expansion and Osteogenic Differentiation of Human Bone-Marrow-Derived Mesenchymal Stromal Cells. <i>Cells</i> , 2020, 9, 918.	1.8	17
8582	Characterization and Comparison of Human and Ovine Mesenchymal Stromal Cells from Three Corresponding Sources. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2310.	1.8	14
8583	DDX6 Helicase Behavior and Protein Partners in Human Adipose Tissue-Derived Stem Cells during Early Adipogenesis and Osteogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2607.	1.8	12
8584	JNK Signaling in Stem Cell Self-Renewal and Differentiation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2613.	1.8	50
8585	Directing Stem Cell Commitment by Amorphous Calcium Phosphate Nanoparticles Incorporated in PLGA: Relevance of the Free Calcium Ion Concentration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2627.	1.8	15
8586	Transient Existence of Circulating Mesenchymal Stem Cells in the Deep Veins in Humans Following Long Bone Intramedullary Reaming. <i>Journal of Clinical Medicine</i> , 2020, 9, 968.	1.0	6
8587	Human Wharton's Jelly Cellular Specificity, Stemness Potency, Animal Models, and Current Application in Human Clinical Trials. <i>Journal of Clinical Medicine</i> , 2020, 9, 1102.	1.0	38
8588	In Vitro Studies on Nanoporous, Nanotubular and Nanosponge-Like Titania Coatings, with the Use of Adipose-Derived Stem Cells. <i>Materials</i> , 2020, 13, 1574.	1.3	14
8589	Impact of IFN γ and LIF overexpression on human adipose-derived stem cells properties. <i>Journal of Cellular Physiology</i> , 2020, 235, 8736-8746.	2.0	2
8590	Combination of Filtered Bone Marrow Aspirate and Biomimetic Scaffold for the Treatment of Knee Osteochondral Lesions: Cellular and Early Clinical Results of a Single Centre Case Series. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 375-386.	1.6	11
8591	The Expression Profile of Dental Pulp-Derived Stromal Cells Supports Their Limited Capacity to Differentiate into Adipogenic Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2753.	1.8	9
8592	The Impact of Lidocaine on Adipose-Derived Stem Cells in Human Adipose Tissue Harvested by Liposuction and Used for Lipotransfer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2869.	1.8	14

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8593	Polyphenols-Loaded Sericin Self-Assembling Nanoparticles: A Slow-Release for Regeneration by Tissue-Resident Mesenchymal Stem/Stromal Cells. <i>Pharmaceutics</i> , 2020, 12, 381.	2.0	15
8594	Adult ovine chondrocytes in expansion culture adopt progenitor cell properties that are favorable for cartilage tissue engineering. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1996-2005.	1.2	3
8595	Novel molecular cues for dental defects in hypophosphatasia. <i>Experimental Cell Research</i> , 2020, 392, 112026.	1.2	7
8596	Fluorescent DTPA-Silk Fibroin Nanoparticles Radiolabeled with ¹¹¹ In: A Dual Tool for Biodistribution and Stability Studies. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3299-3309.	2.6	9
8597	Development and in vitro characterization of rifapentine microsphere-loaded bone implants: a sustained drug delivery system. <i>Annals of Palliative Medicine</i> , 2020, 9, 375-387.	0.5	9
8598	Role of natural cellulose and hydrogel matrices in stem cell therapy of diabetic foot ulcer. , 2020, , 329-355.		1
8599	Intraoperative and In Vitro Classification of Subacromial Bursal Tissue. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 2057-2068.	1.3	18
8600	Extracellular Vesicles isolated from Mesenchymal Stromal Cells Modulate CD4+ T Lymphocytes Toward a Regulatory Profile. <i>Cells</i> , 2020, 9, 1059.	1.8	21
8601	The <i>Solanum glaucophyllum</i> Desf. extract reduces mineralized matrix synthesis in osteogenically differentiated rat mesenchymal stem cells in vitro. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1256-1266.	1.0	2
8602	Mesenchymal stem cells: a promising way in therapies of graft-versus-host disease. <i>Cancer Cell International</i> , 2020, 20, 114.	1.8	38
8603	Isolation, culture, and induced multiple differentiation of Mongolian sheep adipose-derived mesenchymal stem cells. <i>Journal of Histotechnology</i> , 2020, 43, 125-134.	0.2	3
8605	Upregulated tumor necrosis factor- α transcriptome and proteome in adipose tissue-derived mesenchymal stem cells from pigs with metabolic syndrome. <i>Cytokine</i> , 2020, 130, 155080.	1.4	14
8606	Generation of niche tuned antifibrotic fibroblasts and non-viral mediated endothelial commitment using adipose stem cells for dermal graft development. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2807-2819.	1.6	2
8607	Mesenchymal stem cells for sensorineural hearing loss: a systematic review of preclinical studies. <i>Molecular Biology Reports</i> , 2020, 47, 4723-4736.	1.0	7
8608	In vitro characterization of new biphasic scaffolds in the sub-system $\text{Ca}_3(\text{PO}_4)_2/\text{Ca}_5\text{Si}_2\text{P}_2\text{O}_{12}$. <i>Ceramics International</i> , 2020, 46, 18123-18130.	2.3	1
8609	Cell Therapy With Mesenchymal Stem Cells Induces an Innate Immune Memory Response That Attenuates Experimental Colitis in the Long Term. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 1424-1435.	0.6	32
8610	Vitamin C Treatment Rescues Prelamin A-Induced Premature Senescence of Subchondral Bone Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	9
8611	Combined Mesenchymal Stromal Cell Therapy and Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome. A Randomized Controlled Trial in Sheep. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 383-392.	2.5	27

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8612	Characterization of immortalized human islet stromal cells reveals a MSC-like profile with pancreatic features. <i>Stem Cell Research and Therapy</i> , 2020, 11, 158.	2.4	7
8613	Impact of growth factor content on proliferation of mesenchymal stromal cells derived from adipose tissue. <i>PLoS ONE</i> , 2020, 15, e0230265.	1.1	5
8614	Lung Tissue Damage Associated with Allergic Asthma in BALB/c Mice Could Be Controlled with a Single Injection of Mesenchymal Stem Cells from Human Bone Marrow up to 14 d After Transplantation. <i>Cell Transplantation</i> , 2020, 29, 096368972091325.	1.2	8
8615	PF-127 hydrogel plus sodium ascorbyl phosphate improves Wharton's jelly mesenchymal stem cell-mediated skin wound healing in mice. <i>Stem Cell Research and Therapy</i> , 2020, 11, 143.	2.4	19
8616	Single-cell RNA-seq highlights heterogeneity in human primary Wharton's jelly mesenchymal stem/stromal cells cultured in vitro. <i>Stem Cell Research and Therapy</i> , 2020, 11, 149.	2.4	60
8617	Adipose-Derived Stem Cells Protect Ischemia-Reperfusion and Partial Hepatectomy by Attenuating Endoplasmic Reticulum Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 177.	1.8	23
8618	Deciphering Master Gene Regulators and Associated Networks of Human Mesenchymal Stromal Cells. <i>Biomolecules</i> , 2020, 10, 557.	1.8	8
8619	The Blood Circulating Rare Cell Population. What Is It and What Is It Good for?. <i>Cells</i> , 2020, 9, 790.	1.8	23
8620	IL7-IL12 Engineered Mesenchymal Stem Cells (MSCs) Improve A CAR T Cell Attack Against Colorectal Cancer Cells. <i>Cells</i> , 2020, 9, 873.	1.8	62
8621	The Role of Vitamin D in Modulating Mesenchymal Stem Cells and Endothelial Progenitor Cells for Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2466.	1.8	17
8622	Impact of Type 2 Diabetes Mellitus on Human Bone Marrow Stromal Cell Number and Phenotypic Characteristics. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2476.	1.8	27
8623	Detecting the Effects of the Glucocorticoid Dexamethasone on Primary Human Skeletal Muscle Cells' Differences to the Murine Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2497.	1.8	9
8624	<i>Ex vivo</i> Ikk β ablation rescues the immunopotency of mesenchymal stromal cells from diabetics with advanced atherosclerosis. <i>Cardiovascular Research</i> , 2021, 117, 756-766.	1.8	10
8625	Bone Substitutes in Orthopaedic Surgery: Current Status and Future Perspectives. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 304-313.	0.4	14
8626	Multipotent mesenchymal stromal cells in kidney transplant recipients: The next big thing?. <i>Blood Reviews</i> , 2021, 45, 100718.	2.8	7
8627	Fluorescence-based actin turnover dynamics of stem cells as a profiling method for stem cell functional evolution, heterogeneity and phenotypic lineage parsing. <i>Methods</i> , 2021, 190, 44-54.	1.9	3
8628	Transcriptional activity of vitamin D receptor in human periodontal ligament cells is diminished under inflammatory conditions. <i>Journal of Periodontology</i> , 2021, 92, 137-148.	1.7	7
8629	Effects of umbilical cord mesenchymal stem cells loaded with graphene oxide granular lubrication on cytokine levels in animal models of knee osteoarthritis. <i>International Orthopaedics</i> , 2021, 45, 381-390.	0.9	12

#	ARTICLE	IF	CITATIONS
8630	Cellular and Clinical Analyses of Autologous Bone Marrow Aspirate Injectate for Knee Osteoarthritis: A Pilot Study. <i>PM and R</i> , 2021, 13, 387-396.	0.9	9
8631	Tissue Engineering of Lymphatic Vasculature in the Arteriovenous Loop Model of the Rat. <i>Tissue Engineering - Part A</i> , 2021, 27, 129-141.	1.6	12
8632	5-Azacytidine restores interleukin 6-increased production in mesenchymal stromal cells from myelodysplastic patients. <i>Hematology, Transfusion and Cell Therapy</i> , 2021, 43, 35-42.	0.1	16
8633	Role of A Novel Angiogenesis FKBPL-CD44 Pathway in Preeclampsia Risk Stratification and Mesenchymal Stem Cell Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 26-41.	1.8	28
8634	Effects of green light photobiomodulation on Dental Pulp Stem Cells: enhanced proliferation and improved wound healing by cytoskeleton reorganization and cell softening. <i>Lasers in Medical Science</i> , 2021, 36, 437-445.	1.0	7
8635	Comparative evaluation of low-level laser therapy on proliferation of long-term cryopreserved human dental pulp cells isolated from deciduous and permanent teeth. <i>Lasers in Medical Science</i> , 2021, 36, 421-427.	1.0	6
8636	Class I and II Histone Deacetylase Inhibitor LBH589 Promotes Endocrine Differentiation in Bone Marrow Derived Human Mesenchymal Stem Cells and Suppresses Uncontrolled Proliferation. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2021, 129, 357-364.	0.6	5
8637	Expansion of human mesenchymal stem/stromal cells on temporary liquid microcarriers. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 930-940.	1.6	15
8638	Effect of electric stimulus on human adipose-derived mesenchymal stem cells cultured in 3D printed scaffolds. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1114-1125.	1.6	3
8639	Influences of Xeno-Free Media on Mesenchymal Stem Cell Expansion for Clinical Application. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 15-23.	1.6	28
8640	Developing cell therapies as drug products. <i>British Journal of Pharmacology</i> , 2021, 178, 262-279.	2.7	6
8641	Targeting stromal cell Syndecan-2 reduces breast tumour growth, metastasis and limits immune evasion. <i>International Journal of Cancer</i> , 2021, 148, 1245-1259.	2.3	12
8642	In vitro chondrogenic differentiation of human articular cartilage derived chondroprogenitors using pulsed electromagnetic field. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2021, 14, 22-28.	0.6	5
8643	Non-coding RNAs repressive role in post-transcriptional processing of RUNX2 during the acquisition of the osteogenic phenotype of periodontal ligament mesenchymal stem cells. <i>Developmental Biology</i> , 2021, 470, 37-48.	0.9	11
8644	Intrarenal injection of mesenchymal stem cell for treatment of lupus nephritis in mice – a pilot study. <i>Lupus</i> , 2021, 30, 52-60.	0.8	5
8645	The pivotal roles of exosomes derived from endogenous immune cells and exogenous stem cells in myocardial repair after acute myocardial infarction. <i>Theranostics</i> , 2021, 11, 1046-1058.	4.6	67
8646	Functional heterogeneity of mesenchymal stem cells from natural niches to culture conditions: implications for further clinical uses. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 447-467.	2.4	157
8647	Predifferentiated Gingival Stem Cell-Induced Bone Regeneration in Rat Alveolar Bone Defect Model. <i>Tissue Engineering - Part A</i> , 2021, 27, 424-436.	1.6	20

#	ARTICLE	IF	CITATIONS
8648	Indirect co-culture of lung carcinoma cells with hyperthermia-treated mesenchymal stem cells influences tumor spheroid growth in a collagen-based 3-dimensional microfluidic model. <i>Cytotherapy</i> , 2021, 23, 25-36.	0.3	23
8649	Mesenchymal Stem/Stromal Cells Therapy for Sepsis and Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021, 42, 020-039.	0.8	20
8650	Human Umbilical Vein Endothelial Cell Support Bone Formation of Adipose-Derived Stem Cell-Loaded and 3D-Printed Osteogenic Matrices in the Arteriovenous Loop Model. <i>Tissue Engineering - Part A</i> , 2021, 27, 413-423.	1.6	18
8651	Mesenchymal stem cells for restoring endometrial function: An infertility perspective. <i>Reproductive Medicine and Biology</i> , 2021, 20, 13-19.	1.0	29
8652	Treatment of COVID-19 Pneumonia: the Case for Placenta-derived Cell Therapy. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 63-70.	1.7	5
8653	Proteomic profile of human dental follicle stem cells and apical papilla stem cells. <i>Journal of Proteomics</i> , 2021, 231, 103928.	1.2	13
8654	Overexpression of alpha-1 antitrypsin in mesenchymal stromal cells improves their intrinsic biological properties and therapeutic effects in nonobese diabetic mice. <i>Stem Cells Translational Medicine</i> , 2021, 10, 320-331.	1.6	13
8655	Umbilical cord: an allogenic tissue for potential treatment of COVID-19. <i>Human Cell</i> , 2021, 34, 1-13.	1.2	18
8656	The effect of carbon nanotubes on osteogenic functions of adipose-derived mesenchymal stem cells in vitro and bone formation in vivo compared with that of nano-hydroxyapatite and the possible mechanism. <i>Bioactive Materials</i> , 2021, 6, 333-345.	8.6	56
8657	Extraocular, periocular, and intraocular routes for sustained drug delivery for glaucoma. <i>Progress in Retinal and Eye Research</i> , 2021, 82, 100901.	7.3	51
8658	Hybrid bioactive hydroxyapatite/polycaprolactone nanoparticles for enhanced osteogenesis. <i>Materials Science and Engineering C</i> , 2021, 119, 111599.	3.8	47
8659	Adipose tissue stem cells in peripheral nerve regeneration— <i>In vitro</i> and <i>in vivo</i> . <i>Journal of Neuroscience Research</i> , 2021, 99, 545-560.	1.3	28
8660	Comparative study of hyperpure chlorine dioxide with two other irrigants regarding the viability of periodontal ligament stem cells. <i>Clinical Oral Investigations</i> , 2021, 25, 2981-2992.	1.4	10
8661	Mesenchymal Stem Cells: a Potential Treatment Approach for Refractory Chronic Spontaneous Urticaria. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 911-922.	1.7	6
8662	Standardized xeno- and serum-free culture platform enables large-scale expansion of high-quality mesenchymal stem/stromal cells from perinatal and adult tissue sources. <i>Cytotherapy</i> , 2021, 23, 88-99.	0.3	28
8663	Ex vivo-expanded highly pure ABCB5+ mesenchymal stromal cells as Good Manufacturing Practice-compliant autologous advanced therapy medicinal product for clinical use: process validation and first in-human data. <i>Cytotherapy</i> , 2021, 23, 165-175.	0.3	26
8664	Rabbit umbilical cord mesenchymal stem cells: A new option for tissue engineering. <i>Journal of Gene Medicine</i> , 2021, 23, e3282.	1.4	5
8665	New insights on the reparative cells in bone regeneration and repair. <i>Biological Reviews</i> , 2021, 96, 357-375.	4.7	11

#	ARTICLE	IF	CITATIONS
8666	Immunocytochemical characterization of primary teeth pulp stem cells from three stages of resorption in serum-free medium. <i>Dental Traumatology</i> , 2021, 37, 90-102.	0.8	5
8667	Clinical effects of intrathecal administration of expanded Wharton jelly mesenchymal stromal cells in patients with chronic complete spinal cord injury: a randomized controlled study. <i>Cytherapy</i> , 2021, 23, 146-156.	0.3	52
8668	Dissolvable Gelatin-Based Microcarriers Generated through Droplet Microfluidics for Expansion and Culture of Mesenchymal Stromal Cells. <i>Biotechnology Journal</i> , 2021, 16, e2000048.	1.8	22
8669	Human mesenchymal stromal cells do not express ACE2 and TMPRSS2 and are not permissive to SARS-CoV-2 infection. <i>Stem Cells Translational Medicine</i> , 2021, 10, 636-642.	1.6	40
8670	Differentiation-inducing factor-1 potentiates adipogenic differentiation and attenuates the osteogenic differentiation of bone marrow-derived mesenchymal stem cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118909.	1.9	8
8671	Minor salivary gland mesenchymal stromal cells derived from patients with Sjögren's syndrome deploy intact immune plasticity. <i>Cytherapy</i> , 2021, 23, 301-310.	0.3	6
8672	The ATP synthase inhibition induces an AMPK-dependent glycolytic switch of mesenchymal stem cells that enhances their immunotherapeutic potential. <i>Theranostics</i> , 2021, 11, 445-460.	4.6	19
8673	Distinguished properties of cells isolated from the dentin-pulp interface. <i>Annals of Anatomy</i> , 2021, 234, 151628.	1.0	17
8674	Bilateral striatal transplantation of human olfactory stem cells ameliorates motor function, prevents necroptosis-induced cell death and improves striatal volume in the rat model of Huntington's disease. <i>Journal of Chemical Neuroanatomy</i> , 2021, 112, 101903.	1.0	18
8675	Reviewing the role of cardiac exosomes in myocardial repair at a glance. <i>Cell Biology International</i> , 2021, 45, 1352-1363.	1.4	6
8676	STRO-1 positive cell expansion during osteogenic differentiation: A comparative study of three mesenchymal stem cell types of dental origin. <i>Archives of Oral Biology</i> , 2021, 122, 104995.	0.8	15
8677	Cytotoxicity of NeoMTA Plus, ProRoot MTA and Biodentine on human dental pulp stem cells. <i>Journal of Dental Sciences</i> , 2021, 16, 971-979.	1.2	13
8678	Preclinical Studies of MSC-Derived Extracellular Vesicles to Treat or Prevent Graft Versus Host Disease: a Systematic Review of the Literature. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 332-340.	1.7	14
8679	Stem cell therapy in coronavirus disease 2019: current evidence and future potential. <i>Cytherapy</i> , 2021, 23, 471-482.	0.3	11
8680	Human-derived osteoblast-like cells and pericyte-like cells induce distinct metastatic phenotypes in primary breast cancer cells. <i>Experimental Biology and Medicine</i> , 2021, 246, 971-985.	1.1	5
8681	Comparison of bone regenerative capacity of donor-matched human adipose-derived and bone marrow mesenchymal stem cells. <i>Cell and Tissue Research</i> , 2021, 383, 1061-1075.	1.5	27
8682	Minimally Invasive Cellular Therapies for Osteoarthritis Treatment. <i>Regenerative Engineering and Translational Medicine</i> , 2021, 7, 76-90.	1.6	13
8683	The Impact of Fluid Dynamic Stress in Stirred Bioreactors – The Scale of the Biological Entity: A Personal View. <i>Chemie-Ingenieur-Technik</i> , 2021, 93, 17-30.	0.4	23

#	ARTICLE	IF	CITATIONS
8684	Xeno-free approach for the expansion of human adipose derived mesenchymal stem cells for ocular therapies. <i>Experimental Eye Research</i> , 2021, 202, 108358.	1.2	0
8685	Therapeutic potential of mesenchymal stem cell-derived extracellular vesicles as novel cell-free therapy for treatment of autoimmune disorders. <i>Experimental and Molecular Pathology</i> , 2021, 118, 104566.	0.9	26
8686	Comparative evaluation of pulpal repair after direct pulp capping using stem cell therapy and biodentine: An animal study. <i>Australian Endodontic Journal</i> , 2021, 47, 11-19.	0.6	8
8687	Proteomic analysis of extracellular vesicles and conditioned medium from human adipose-derived stem/stromal cells and dermal fibroblasts. <i>Journal of Proteomics</i> , 2021, 232, 104069.	1.2	16
8688	Mesenchymal Stromal Cells Inhibit Aerobic Glycolysis in Activated T Cells by Negatively Regulating Hexokinase II Activity Through PD-1/PD-L1 Interaction. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 231.e1-231.e8.	0.6	3
8689	Exosomes derived from miR-34a-overexpressing mesenchymal stem cells inhibit in vitro tumor growth: A new approach for drug delivery. <i>Life Sciences</i> , 2021, 266, 118871.	2.0	53
8690	Mesenchymal stromal cells for acute respiratory distress syndrome (ARDS), sepsis, and COVID-19 infection: optimizing the therapeutic potential. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 301-324.	1.0	41
8691	Multipotential stromal cells in the talus and distal tibia in ankle osteoarthritis – Presence, potency and relationships to subchondral bone changes. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 259-271.	1.6	3
8692	ADULT MESENCHYMAL STEM CELL-BASED APPROACHES FOR OSTEOARTHRITIS: CURRENT PERSPECTIVES AND CHALLENGES. <i>Journal of Musculoskeletal Research</i> , 2021, 24, 2140002.	0.1	0
8693	Mesenchymal Stromal Cells in Neuroblastoma: Exploring Crosstalk and Therapeutic Implications. <i>Stem Cells and Development</i> , 2021, 30, 59-78.	1.1	25
8694	Neuroprotection offered by mesenchymal stem cells in perinatal brain injury: Role of mitochondria, inflammation, and reactive oxygen species. <i>Journal of Neurochemistry</i> , 2021, 158, 59-73.	2.1	38
8695	Effect of bFGF on fibroblasts derived from the golden snub-nosed monkey. <i>Primates</i> , 2021, 62, 369-378.	0.7	1
8696	Are mesenchymal stem cells and derived extracellular vesicles valuable to halt the COVID-19 inflammatory cascade? Current evidence and future perspectives. <i>Thorax</i> , 2021, 76, 196-200.	2.7	19
8697	Immunomodulatory effects of mesenchymal stem cells for the treatment of cardiac allograft rejection. <i>Experimental Biology and Medicine</i> , 2021, 246, 851-860.	1.1	3
8698	Development of pluripotent stem cell-based human tenocytes. <i>Development Growth and Differentiation</i> , 2021, 63, 38-46.	0.6	13
8699	Exosomes secreted from mesenchymal stem cells mediate the regeneration of endothelial cells treated with rapamycin by delivering pro-angiogenic microRNAs. <i>Experimental Cell Research</i> , 2021, 399, 112449.	1.2	9
8700	Mesenchymal stromal cells to fight SARS-CoV-2: Taking advantage of a pleiotropic therapy. <i>Cytokine and Growth Factor Reviews</i> , 2021, 58, 114-133.	3.2	17
8701	The efficacy of in vivo administration of Apremilast on mesenchymal stem cells derived from psoriatic patients. <i>Inflammation Research</i> , 2021, 70, 79-87.	1.6	5

#	ARTICLE	IF	CITATIONS
8702	Single-cell profiles of human bone marrow-derived mesenchymal stromal cells after IFN- γ and TNF- α licensing. <i>Gene</i> , 2021, 771, 145347.	1.0	12
8703	Mesenchymal stem/stromal cells: Developmental origin, tumorigenesis and translational cancer therapeutics. <i>Translational Oncology</i> , 2021, 14, 100948.	1.7	34
8704	Novel biomarkers of intervertebral disc cells and evidence of stem cells in the intervertebral disc. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 389-401.	0.6	23
8705	The human bone marrow harbors a CD45 ⁺ CD11B ⁺ cell progenitor permitting rapid microglia-like cell derivative approaches. <i>Stem Cells Translational Medicine</i> , 2021, 10, 582-597.	1.6	5
8706	Safety and Efficacy Results of BonoFill First-in-Human, Phase I/IIa Clinical Trial for the Maxillofacial Indication of Sinus Augmentation and Mandibular Bone Void Filling. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 787-798.e2.	0.5	1
8707	Recent advances in mesenchymal stem cell membrane-coated nanoparticles for enhanced drug delivery. <i>Biomaterials Science</i> , 2021, 9, 1088-1103.	2.6	64
8708	Heterogeneity of the bone marrow niche in patients with myeloproliferative neoplasms: ActivinA secretion by mesenchymal stromal cells correlates with the degree of marrow fibrosis. <i>Annals of Hematology</i> , 2021, 100, 105-116.	0.8	4
8709	Bone From Blood: Characteristics and Clinical Implications of Circulating Osteogenic Progenitor (COP) Cells. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 12-23.	3.1	11
8710	Controlling the Poly(ϵ -caprolactone) Degradation to Maintain the Stemness and Function of Adipose-Derived Mesenchymal Stem Cells in Vascular Regeneration Application. <i>Macromolecular Bioscience</i> , 2021, 21, 2000226.	2.1	5
8711	The autotaxin-lysophosphatidic acid pathway mediates mesenchymal cell recruitment and fibrotic contraction in lung transplant fibrosis. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 12-23.	0.3	7
8712	CELL THERAPY IN INFLAMMATORY BOWEL DISEASE. <i>Pharmacological Research</i> , 2021, 163, 105247.	3.1	12
8713	Unveiling diversity of stem cells in dental pulp and apical papilla using mouse genetic models: a literature review. <i>Cell and Tissue Research</i> , 2021, 383, 603-616.	1.5	12
8714	Effect of Breast Cancer and Adjuvant Therapy on Adipose-Derived Stromal Cells: Implications for the Role of ADSCs in Regenerative Strategies for Breast Reconstruction. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 523-538.	1.7	6
8715	TNF- α and IL-1 β sensitize human MSC for IFN- γ signaling and enhance neutrophil recruitment. <i>European Journal of Immunology</i> , 2021, 51, 319-330.	1.6	45
8716	Jaboticaba peel extract modulates adipocyte and osteoblast differentiation of MSCs from healthy and osteoporotic rats. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 163-173.	1.3	4
8717	Cell therapy for advanced liver diseases: Repair or rebuild. <i>Journal of Hepatology</i> , 2021, 74, 185-199.	1.8	63
8718	Structural, mechanical, and biological characterization of hierarchical nanofibrous Fmoc-phenylalanine-valine hydrogels for 3D culture of differentiated and mesenchymal stem cells. <i>Soft Matter</i> , 2021, 17, 57-67.	1.2	13
8719	COVID-19 and its Therapeutics: Special Emphasis on Mesenchymal Stem Cells Based Therapy. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 113-131.	1.7	16

#	ARTICLE	IF	CITATIONS
8720	Potential of mesenchymal stem cells as topical immunomodulatory cell therapies for ocular surface inflammatory disorders. <i>Stem Cells Translational Medicine</i> , 2021, 10, 39-49.	1.6	20
8721	The vascular nature of lung-resident mesenchymal stem cells. <i>Stem Cells Translational Medicine</i> , 2021, 10, 128-143.	1.6	16
8722	Autologous mesenchymal stem cells application in post-burn scars treatment: a preliminary study. <i>Cell and Tissue Banking</i> , 2021, 22, 39-46.	0.5	7
8723	Cell Transplantation. , 2021, , 309-319.		0
8725	Theories of stem cell aging. , 2021, , 1-7.		0
8726	Targeting Stem Cells in Chronic Inflammatory Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1286, 163-181.	0.8	5
8727	Combined bezafibrate, medroxyprogesterone acetate and valproic acid treatment inhibits osteosarcoma cell growth without adversely affecting normal mesenchymal stem cells. <i>Bioscience Reports</i> , 2021, 41, .	1.1	5
8728	Multipotent nature of dental pulp stem cells for the regeneration of varied tissues “ A personalized medicine approach. , 2021, , 97-118.		0
8729	An Update on the Potential of Mesenchymal Stem Cell Therapy for Cutaneous Diseases. <i>Stem Cells International</i> , 2021, 2021, 1-18.	1.2	10
8730	Endometrial Stem/Progenitor cell (ES/PC) Marker Expression Profile in Adenosarcoma and Endometrial Stromal Sarcoma. <i>Cancer Treatment and Research Communications</i> , 2021, 27, 100363.	0.7	1
8731	Dental pulp stem cells overexpressing hepatocyte growth factor facilitate the repair of DSS-induced ulcerative colitis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 30.	2.4	14
8732	Endogenous Mobilization of Mesenchymal Stromal Cells: A Pathway for Interorgan Communication?. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 598520.	1.8	13
8733	Deconstructing transcriptional variations and their effects on immunomodulatory function among human mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 53.	2.4	9
8734	Interaction Between Mesenchymal Stem Cells and Retinal Degenerative Microenvironment. <i>Frontiers in Neuroscience</i> , 2020, 14, 617377.	1.4	9
8735	Cell-based therapy in soft tissue sports injuries of the knee: a systematic review. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 1035-1047.	1.4	8
8736	Stem Cell-Based Therapy for Asherman Syndrome: Promises and Challenges. <i>Cell Transplantation</i> , 2021, 30, 096368972110207.	1.2	11
8737	Neglected No More: Emerging Cellular Therapies in Traumatic Injury. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1194-1214.	1.7	4
8738	MSC-NTF (NurOwn®) exosomes: a novel therapeutic modality in the mouse LPS-induced ARDS model. <i>Stem Cell Research and Therapy</i> , 2021, 12, 72.	2.4	36

#	ARTICLE	IF	CITATIONS
8739	Comparative characteristic study from bone marrow-derived mesenchymal stem cells. <i>Journal of Veterinary Science</i> , 2021, 22, e74.	0.5	16
8740	Nonoperative Management Options for Symptomatic Cartilage Lesions. , 2021, , 77-90.		0
8741	Potential application of dental stem cells in regenerative reconstruction of oral and maxillofacial tissues: a narrative review. <i>Frontiers of Oral and Maxillofacial Medicine</i> , 0, 4, 14-14.	0.1	4
8742	Uncovering the secretome of mesenchymal stromal cells exposed to healthy, traumatic, and degenerative intervertebral discs: a proteomic analysis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 11.	2.4	38
8743	Identification of ALP+/CD73+ defining markers for enhanced osteogenic potential in human adipose-derived mesenchymal stromal cells by mass cytometry. <i>Stem Cell Research and Therapy</i> , 2021, 12, 7.	2.4	8
8744	An Update for Mesenchymal Stem Cell Therapy in Lupus Nephritis. <i>Kidney Diseases (Basel, Switzerland)</i> , 2021, 7, 79-89.	1.2	25
8745	Comparative Proteomic Analysis of the Mesenchymal Stem Cells Secretome from Adipose, Bone Marrow, Placenta and Whartonâ€™s Jelly. <i>International Journal of Molecular Sciences</i> , 2021, 22, 845.	1.8	94
8746	Evaluation of safety, feasibility and efficacy of intra-ovarian transplantation of autologous adipose derived mesenchymal stromal cells in idiopathic premature ovarian failure patients: non-randomized clinical trial, phase I, first in human. <i>Journal of Ovarian Research</i> , 2021, 14, 5.	1.3	37
8747	Strontium-releasing solâ€™gel bioactive glass spheres and their ability to stimulate osteogenic differentiation in osteoporotic bone marrow mesenchymal stem cells. <i>Journal of Materials Research</i> , 2021, 36, 459-474.	1.2	5
8748	Characterization of the structure, vascularity, and stem/progenitor cell populations in porcine Achilles tendon (PAT). <i>Cell and Tissue Research</i> , 2021, 384, 367-387.	1.5	11
8749	Biomaterial Encapsulation of Human Mesenchymal Stromal Cells Modulates Paracrine Signaling Response and Enhances Efficacy for Treatment of Established Osteoarthritis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
8750	Chapter 11. Bioprinting Hydrogels and Tissue Engineering. <i>Biomaterials Science Series</i> , 2021, , 292-315.	0.1	0
8751	P-cresol and Indoxyl Sulfate Impair Osteogenic Differentiation by Triggering Mesenchymal Stem Cell Senescence. <i>International Journal of Medical Sciences</i> , 2021, 18, 744-755.	1.1	11
8752	Paracrine study of adipose tissue-derived mesenchymal stem cells (ADMSCs) in a self-assembling nano-poly peptide hydrogel environment. <i>Green Processing and Synthesis</i> , 2021, 10, 547-554.	1.3	1
8753	Effects of Mesenchymal Stem Cellâ€™Derived Paracrine Signals and Their Delivery Strategies. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001689.	3.9	92
8754	Anti-obesity effect and mechanism of mesenchymal stem cells influence on obese mice. <i>Open Life Sciences</i> , 2021, 16, 653-666.	0.6	8
8755	Neovascularization: The Main Mechanism of MSCs in Ischemic Heart Disease Therapy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 633300.	1.1	19
8756	The Middle Part of the Plucked Hair Follicle Outer Root Sheath Is Identified as an Area Rich in Lineage-Specific Stem Cell Markers. <i>Biomolecules</i> , 2021, 11, 154.	1.8	11

#	ARTICLE	IF	CITATIONS
8757	Structural and Functional Mapping of Mesenchymal Bodies. <i>Bio-protocol</i> , 2021, 11, e4177.	0.2	0
8758	Mesenchymal stem cells as a double-edged sword in tumor growth: focusing on MSC-derived cytokines. <i>Cellular and Molecular Biology Letters</i> , 2021, 26, 3.	2.7	83
8760	Gene expression profiles of human adipose-derived mesenchymal stem cells dynamically seeded on clinically available processed nerve allografts and collagen nerve guides. <i>Neural Regeneration Research</i> , 2021, 16, 1613.	1.6	7
8761	The skeletal stem cell. , 2021, , 75-98.		0
8762	Preliminary studies of constructing a tissue-engineered lamellar corneal graft by culturing mesenchymal stem cells onto decellularized corneal matrix. <i>International Journal of Ophthalmology</i> , 2021, 14, 10-18.	0.5	2
8763	Temporomandibular Joint Osteoarthritis: Regenerative Treatment by a Stem Cell Containing Advanced Therapy Medicinal Product (ATMP)â€™An In Vivo Animal Trial. <i>International Journal of Molecular Sciences</i> , 2021, 22, 443.	1.8	16
8764	Vascular Adhesion Protein-1 Determines the Cellular Properties of Endometrial Pericytes. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 621016.	1.8	7
8765	Adipose-derived stromal cells improve functional recovery after spinal cord injury through TGF-Î²1/Smad3/PLOD2 pathway activation. <i>Aging</i> , 2021, 13, 4370-4387.	1.4	15
8766	Development of biological meniscus scaffold: Decellularization method and recellularization with meniscal cell population derived from mesenchymal stem cells. <i>Journal of Biomaterials Applications</i> , 2021, 35, 1192-1207.	1.2	8
8768	Regeneration for Implant Dentistry. , 2021, , 133-150.		2
8769	Metabolomic Profiles in Adipocytes Differentiated from Adipose-Derived Stem Cells Following Exercise Training or High-Fat Diet. <i>International Journal of Molecular Sciences</i> , 2021, 22, 966.	1.8	3
8770	A novel method for visualizing and tracking endogenous mRNA in a specific cell population in pathological neovascularization. <i>Scientific Reports</i> , 2021, 11, 2565.	1.6	1
8771	Clinical application of mesenchymal stem cells therapy in musculoskeletal injuries in dogs - A review of the scientific literature. <i>Open Veterinary Journal</i> , 2021, 11, 188.	0.3	6
8773	Biology of Adipose Tissue. , 2021, , 9-14.		0
8774	High cut-off dialysis mitigates pro-calcific effects of plasma on vascular progenitor cells. <i>Scientific Reports</i> , 2021, 11, 1144.	1.6	2
8775	A three-dimensional in vitro culture environment of a novel polymer scaffold, yielding chondroprogenitors and mesenchymal stem cells in human chondrocytes derived from osteoarthritis-affected cartilage tissue. <i>Journal of Orthopaedics</i> , 2021, 23, 138-141.	0.6	5
8776	Stanniocalcin 1 is overexpressed in multipotent mesenchymal stromal cells from acute myeloid leukemia patients. <i>Hematology</i> , 2021, 26, 565-576.	0.7	1
8777	In the presence of TGF-Î²1, Asperosaponin VI promotes human mesenchymal stem cell differentiation into nucleus pulposus like- cells. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 32.	1.2	6

#	ARTICLE	IF	CITATIONS
8778	The Role of Biologics in Ulnar Collateral Ligament Injuries. , 2021, , 141-151.		0
8779	Mesenchymal stem cell therapy in hypertrophic and keloid scars. Cell and Tissue Research, 2021, 383, 915-930.	1.5	29
8780	Induction of muscle-regenerative multipotent stem cells from human adipocytes by PDGF-AB and 5-azacytidine. Science Advances, 2021, 7, .	4.7	3
8781	Application of Stem Cells in Treatment of Bone Diseases: Pre-clinical and Clinical Perspectives. Pancreatic Islet Biology, 2021, , 193-213.	0.1	0
8782	Differentiation of Stem Cells into Hepatocyte Lineage: In Vitro Cell Culture, In Vivo Transplantation in Animal Models. Pancreatic Islet Biology, 2021, , 123-154.	0.1	0
8783	Extracellular Vesicles in Musculoskeletal Pathologies and Regeneration. Frontiers in Bioengineering and Biotechnology, 2020, 8, 624096.	2.0	23
8784	Directing the chondrogenic differentiation of human Whartonâ€™s jelly mesenchymal stem cells using spider silk-based micropattern. AIP Conference Proceedings, 2021, , .	0.3	5
8785	Consistent Inclusion of Mesenchymal Stem Cells into In Vitro Tumor Models. Methods in Molecular Biology, 2021, 2269, 3-23.	0.4	0
8786	Regenerative Approaches and Future Trends for the Treatment of Corneal Burn Injuries. Journal of Clinical Medicine, 2021, 10, 317.	1.0	10
8787	Mesenchymal Stromal Cells: Impact on Hematopoietic Cell Transplantation. , 2021, , 859-870.		1
8788	Sirtuins and stem cell maintenance, proliferation, and differentiation. , 2021, , 175-190.		0
8789	Possible Therapeutic Application of Adipose-Derived Stem Cells for the Treatment of Recessive Dystrophic Epidermolysis Bullosa. Juntendo Medical Journal, 2021, 67, 60-65.	0.1	0
8790	Proposed Mechanisms of Targeting COVID-19 by Delivering Mesenchymal Stem Cells and Their Exosomes to Damaged Organs. Stem Cell Reviews and Reports, 2021, 17, 176-192.	1.7	40
8791	Subconjunctival injection of mesenchymal stem cells for corneal failure due to limbal stem cell deficiency: state of the art. Stem Cell Research and Therapy, 2021, 12, 60.	2.4	35
8792	Activated intestinal muscle cells promote preadipocyte migration: a novel mechanism for creeping fat formation in Crohnâ€™s disease. Gut, 2022, 71, 55-67.	6.1	33
8793	Cellular Technologies in Traumatology: from Cells to Tissue Engineering. Acta Biomedica Scientifica, 2021, 5, 66-76.	0.1	1
8794	USING CELL TECHNOLOGIES IN TREATMENT OF DIFFERENT ETIOLOGY WOUNDS: LITERATURE REVIEW. Vestnik Nacionalnogo Mediko-hirurgičeskogo Centra Im N I Pirogova, 2021, 16, 132-137.	0.0	0
8795	Targeting aberrant DNA methylation in mesenchymal stromal cells as a treatment for myeloma bone disease. Nature Communications, 2021, 12, 421.	5.8	29

#	ARTICLE	IF	CITATIONS
8796	Circulating Tumor Cells in Mesenchymal Tumors. , 2021, , 127-147.		0
8797	Human Dental Pulp-Derived Mesenchymal Stem Cell Potential to Differentiate into Smooth Muscle-Like Cells In Vitro. BioMed Research International, 2021, 2021, 1-13.	0.9	11
8798	Archetypal autophagic players through new lenses for bone marrow stem/mature cells regulation. Journal of Cellular Physiology, 2021, 236, 6101-6114.	2.0	5
8799	Multi-pronged approach to human mesenchymal stromal cells senescence quantification with a focus on label-free methods. Scientific Reports, 2021, 11, 1054.	1.6	13
8800	Intrathecal Transplantation of Autologous and Allogeneic Bone Marrow-Derived Mesenchymal Stem Cells in Dogs. Cell Transplantation, 2021, 30, 096368972110344.	1.2	7
8801	The CXCL12 Crossroads in Cancer Stem Cells and Their Niche. Cancers, 2021, 13, 469.	1.7	28
8802	Comparison of Fat Harvested from Flank and Falciform Regions for Stem Cell Therapy in Dogs. Veterinary Sciences, 2021, 8, 19.	0.6	3
8803	Skin regeneration is accelerated by a lower dose of multipotent mesenchymal stromal/stem cellsâ€”a paradigm change. Stem Cell Research and Therapy, 2021, 12, 82.	2.4	15
8804	Impact of 3D cell culture on bone regeneration potential of mesenchymal stromal cells. Stem Cell Research and Therapy, 2021, 12, 31.	2.4	32
8805	Strategies for Bone Regeneration: From Graft to Tissue Engineering. International Journal of Molecular Sciences, 2021, 22, 1128.	1.8	106
8806	Chondrocytes derived from pluripotent stem cells. , 2021, , 55-80.		0
8807	Stem Cell Therapy in Single-Ventricle Physiology: Recent Progress and Future Directions. Pediatric Cardiac Surgery Annual, 2021, 24, 67-76.	0.5	2
8808	The emerging therapeutic role of mesenchymal stem cells in anthracycline-induced cardiotoxicity. Cell and Tissue Research, 2021, 384, 1-12.	1.5	3
8809	Antiâ€”apoptotic effects of human gingival mesenchymal stromal cells on polymorphonuclear leucocytes. Oral Diseases, 2022, 28, 777-785.	1.5	8
8810	Bioimaging of Mesenchymal Stem Cells Spatial Distribution and Interactions with 3D In Vitro Tumor Spheroids. Methods in Molecular Biology, 2021, 2269, 49-61.	0.4	0
8811	Attachment, spreading, and proliferation of Whartonâ€™s jelly mesenchymal stem cells on scaffold combination of silk fibroin and Argiope appensa silk spidroin. AIP Conference Proceedings, 2021, , .	0.3	2
8812	Regulatory Effect of Mesenchymal Stromal Cells on the Development of Liver Fibrosis: Cellular and Molecular Mechanisms and Prospects for Clinical Application. Biology Bulletin Reviews, 2021, 11, 54-66.	0.3	0
8813	Cholangiogenic potential of human deciduous pulp stem cell-converted hepatocyte-like cells. Stem Cell Research and Therapy, 2021, 12, 57.	2.4	9

#	ARTICLE	IF	CITATIONS
8814	miR-146a-3p suppressed the differentiation of hAMSCs into Schwann cells via inhibiting the expression of ERBB2. <i>Cell and Tissue Research</i> , 2021, 384, 99-112.	1.5	4
8815	Immunomodulatory Properties of Mesenchymal Stromal Cells Can Vary in Genetically Modified Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1181.	1.8	2
8816	Prospects of mesenchymal stem cells in veterinary regenerative medicine and drug development. , 0, 2, 2.		0
8817	Repairing organs with MSC. , 2021, , 115-134.		0
8818	Neural crest-derived mesenchymal progenitor cells enhance cranial allograft integration. <i>Stem Cells Translational Medicine</i> , 2021, 10, 797-809.	1.6	10
8819	The Progress of Stem Cell Technology for Skeletal Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1404.	1.8	5
8820	Effects of Naringin on the Proliferation and Osteogenic Differentiation of Canine Bone Marrow Stromal Cells <i><i>In Vitro</i></i> . <i>Journal of Hard Tissue Biology</i> , 2021, 30, 73-78.	0.2	4
8821	The Role of Melanotransferrin (CD228) in the regulation of the differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells (hBM-MS). <i>International Journal of Medical Sciences</i> , 2021, 18, 1580-1591.	1.1	3
8822	Human Dental Pulp Stem Cells Display a Potential for Modeling Alzheimer Disease-Related Tau Modifications. <i>Frontiers in Neurology</i> , 2020, 11, 612657.	1.1	3
8823	Think Inside the Box: Absorbable Plate, IHCC, and the Stem Cells. , 2021, , 159-166.		0
8824	The Hyaluronic Acidâ€™CD44 Interaction in the Physio- and Pathological Stem Cell Niche. <i>Biology of Extracellular Matrix</i> , 2021, , 237-262.	0.3	2
8825	Culture, Expansion and Differentiation of Human Bone Marrow Stromal Cells. <i>Methods in Molecular Biology</i> , 2021, 2308, 3-20.	0.4	3
8826	Control of Mesenchymal Stromal Cell Senescence by Tryptophan Metabolites. <i>International Journal of Molecular Sciences</i> , 2021, 22, 697.	1.8	16
8827	Porcine Umbilical Cord Perivascular Cells for Preclinical Testing of Tissue-Engineered Heart Valves. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 35-46.	1.1	6
8828	The Biology of the Sutures of the Skull. , 2021, , 171-199.		1
8829	From the Basis of Epimorphic Regeneration to Enhanced Regenerative Therapies. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 605120.	1.8	3
8830	Comparison of Canine and Feline Adipose-Derived Mesenchymal Stem Cells/Medicinal Signaling Cells With Regard to Cell Surface Marker Expression, Viability, Proliferation, and Differentiation Potential. <i>Frontiers in Veterinary Science</i> , 2020, 7, 610240.	0.9	14
8831	Clinical neurorestorative cell therapies for stroke. <i>Progress in Brain Research</i> , 2021, 265, 231-247.	0.9	5

#	ARTICLE	IF	CITATIONS
8832	Mesenchymal Stromal Cells Promote Retinal Vascular Repair by Modulating Sema3E and IL-17A in a Model of Ischemic Retinopathy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 630645.	1.8	14
8833	Extracellular Matrix Scaffold Using Decellularized Cartilage for Hyaline Cartilage Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1345, 209-223.	0.8	2
8834	The bone organ system: form and function. , 2021, , 15-35.		9
8835	Recellularization of xenograft heart valves reduces the xenoreactive immune response in an <i>in vivo</i> rat model. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 427-436.	0.6	4
8836	Natural Rubber Films Incorporated with Red Propolis and Silver Nanoparticles Aimed for Occlusive Dressing Application. <i>Materials Research</i> , 2021, 24, .	0.6	4
8837	Mesenchymal Stem Cells Suppress TGF-beta Release to Decrease and #945;SMA Expression in Ameliorating CCl4-Induced Liver Fibrosis. <i>Medicinski Arhiv = Medical Archives = Archives De MÃ©decine</i> , 2021, 75, 16.	0.4	6
8838	MicroRNA Profiling in Mesenchymal Stromal Cells: the Tissue Source as the Missing Piece in the Puzzle of Ageing. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1014-1026.	1.7	2
8839	Mesenchymal Stromal Cell-Based Therapy: A Promising Approach for Severe COVID-19. <i>Cell Transplantation</i> , 2021, 30, 096368972199545.	1.2	13
8840	No Tumorigenicity of Allogeneic Induced Pluripotent Stem Cells in Major Histocompatibility Complex-matched Cynomolgus Macaques. <i>Cell Transplantation</i> , 2021, 30, 096368972199206.	1.2	4
8841	Derivation of Mesenchymal Stromal Cells from Ovine Umbilical Cord Wharton's Jelly. <i>Current Protocols</i> , 2021, 1, e18.	1.3	0
8842	CircRNA-016901 silencing attenuates irradiation-induced injury in bone mesenchymal stem cells via regulating the miR-1249-5p/HIPK2 axis. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 355.	0.8	4
8843	The Therapeutic Potential of Inflamed Gingiva-Derived Mesenchymal Stem Cells in Preclinical Studies: A Scoping Review of a Unique Biomedical Waste. <i>Stem Cells International</i> , 2021, 2021, 1-14.	1.2	6
8844	TRPM8 Channel Promotes the Osteogenic Differentiation in Human Bone Marrow Mesenchymal Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 592946.	1.8	8
8845	Biomimetic Culture Strategies for the Clinical Expansion of Mesenchymal Stromal Cells. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 3742-3759.	2.6	5
8847	Autologous Bone-Marrow vs. Peripheral Blood Mononuclear Cells Therapy for Peripheral Artery Disease in Diabetic Patients. <i>International Journal of Stem Cells</i> , 2021, 14, 21-32.	0.8	5
8848	Comparison of the effect of cigarette smoke on mesenchymal stem cells and dental stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C175-C181.	2.1	6
8849	Intestinal Stem Cell Development in the Neonatal Gut: Pathways Regulating Development and Relevance to Necrotizing Enterocolitis. <i>Cells</i> , 2021, 10, 312.	1.8	7
8850	The Effect of Co-treating Human Mesenchymal Stem Cells with Epigallocatechin Gallate and Hypoxia-Inducible Factor-1 on the Expression of RANKL/RANK/OPG Signaling Pathway, Osteogenesis, and Angiogenesis Genes. <i>Regenerative Engineering and Translational Medicine</i> , 0, , 1.	1.6	1

#	ARTICLE	IF	CITATIONS
8851	Transcriptome analysis of the transdifferentiation of canine BMSCs into insulin producing cells. <i>BMC Genomics</i> , 2021, 22, 134.	1.2	3
8852	Eph-Ephrin Signaling Mediates Cross-Talk Within the Bone Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 598612.	1.8	19
8853	The Angiogenic Potential of Mesenchymal Stem Cells from the Hair Follicle Outer Root Sheath. <i>Journal of Clinical Medicine</i> , 2021, 10, 911.	1.0	8
8854	Third-party bone marrow-derived mesenchymal stromal cell infusion before liver transplantation: A randomized controlled trial. <i>American Journal of Transplantation</i> , 2021, 21, 2795-2809.	2.6	20
8855	Enhanced anti-inflammatory effects of mesenchymal stromal cells mediated by the transient ectopic expression of CXCR4 and IL10. <i>Stem Cell Research and Therapy</i> , 2021, 12, 124.	2.4	24
8856	Dimethylxalylglycine, a small molecule, synergistically increases the homing and angiogenic properties of human mesenchymal stromal cells when cultured as 3D spheroids. <i>Biotechnology Journal</i> , 2021, 16, e2000389.	1.8	16
8857	Therapeutic Potential of Mesenchymal Stromal Cells and Extracellular Vesicles in the Treatment of Radiation Lesions—A Review. <i>Cells</i> , 2021, 10, 427.	1.8	10
8858	Immunomodulatory and Regenerative Effects of Mesenchymal Stem Cells and Extracellular Vesicles: Therapeutic Outlook for Inflammatory and Degenerative Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 591065.	2.2	110
8859	Bioactive Lipids in MSCs Biology: State of the Art and Role in Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1481.	1.8	11
8860	Elucidating the Pivotal Role of Immune Players in the Management of COVID-19: Focus on Mesenchymal Stem Cells and Inflammation. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 189-198.	0.6	1
8861	Human aortic valve interstitial cells obtained from patients with aortic valve stenosis are vascular endothelial growth factor receptor 2 positive and contribute to ectopic calcification. <i>Journal of Pharmacological Sciences</i> , 2021, 145, 213-221.	1.1	1
8862	The red-light emitting diode irradiation increases proliferation of human bone marrow mesenchymal stem cells preserving their immunophenotype. <i>International Journal of Radiation Biology</i> , 2021, 97, 553-563.	1.0	2
8863	Potential roles of mesenchymal stromal cells in islet allo- and xenotransplantation for type 1 diabetes mellitus. <i>Xenotransplantation</i> , 2021, 28, e12678.	1.6	9
8864	Making bioceramics from CaBiPO-apatite. <i>Bulletin of Materials Science</i> , 2021, 44, 1.	0.8	1
8865	Evaluation of stemness properties of cells derived from granulation tissue of peri-implantitis lesions. <i>Clinical and Experimental Dental Research</i> , 2021, 7, 739-753.	0.8	5
8866	Biofat grafts as an orthobiologic tool in osteoarthritis: An update and classification proposal. <i>World Journal of Meta-analysis</i> , 2021, 9, 29-39.	0.1	1
8867	Is There an Effect of Fetal Mesenchymal Stem Cells in the Mother-Fetus Dyad in COVID-19 Pregnancies and Vertical Transmission?. <i>Frontiers in Physiology</i> , 2020, 11, 624625.	1.3	1
8869	Knowledge, Awareness, Attitude, and Opinion about Application of Dental Stem Cells: A Dental School-Based Questionnaire Study. <i>Journal of Health and Allied Sciences NU</i> , 2021, 11, 136-140.	0.1	0

#	ARTICLE	IF	CITATIONS
8870	Platelet-rich plasma <i>vs</i> bone marrow aspirate concentrate: An overview of mechanisms of action and orthobiologic synergistic effects. <i>World Journal of Stem Cells</i> , 2021, 13, 155-167.	1.3	10
8871	Expansion and characterization of bone marrow derived human mesenchymal stromal cells in serum-free conditions. <i>Scientific Reports</i> , 2021, 11, 3403.	1.6	58
8872	Therapeutic Use of Mesenchymal Stromal Cells: The Need for Inclusive Characterization Guidelines to Accommodate All Tissue Sources and Species. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 632717.	1.8	69
8873	Phenotypic Features of Mesenchymal Stem Cell Subpopulations Obtained under the Influence of Various Toll-Like Receptors Ligands. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 170, 555-559.	0.3	5
8874	A flow cytometric assay for the quantification of MSC lysis by peripheral blood mononucleated cells. <i>Heliyon</i> , 2021, 7, e06036.	1.4	0
8875	Combined Treatment of Adipose Derived-Mesenchymal Stem Cells and Pregabalin Is Superior to Monotherapy for the Treatment of Neuropathic Pain in Rats. <i>Stem Cells International</i> , 2021, 2021, 1-9.	1.2	5
8876	Therapeutic Potential of Mesenchymal Stem Cells in a Pre-Clinical Model of Diabetic Kidney Disease and Obesity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1546.	1.8	17
8877	Human Dental Pulp Stem Cells Modulate Cytokine Production in vitro by Peripheral Blood Mononuclear Cells From Coronavirus Disease 2019 Patients. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 609204.	1.8	22
8878	Osteonecrosis of the Femoral Head Safely Healed with Autologous, Expanded, Bone Marrow-Derived Mesenchymal Stromal Cells in a Multicentric Trial with Minimum 5 Years Follow-Up. <i>Journal of Clinical Medicine</i> , 2021, 10, 508.	1.0	19
8879	Why Do Muse Stem Cells Present an Enduring Stress Capacity? Hints from a Comparative Proteome Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2064.	1.8	9
8880	Autologous fat transplantation for the treatment of abdominal wall scar adhesions after cesarean section. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2021, 55, 210-215.	0.4	2
8881	Mesenchymal Stromal Cell Therapy in Solid Organ Transplantation. <i>Frontiers in Immunology</i> , 2020, 11, 618243.	2.2	14
8882	Mesenchymal Stem Cells in the Treatment of Cartilage Defects of the Knee: A Systematic Review of the Clinical Outcomes. <i>American Journal of Sports Medicine</i> , 2021, 49, 3716-3727.	1.9	5
8884	Molecular Insights into the Potential of Extracellular Vesicles Released from Mesenchymal Stem Cells and Other Cells in the Therapy of Hematologic Malignancies. <i>Stem Cells International</i> , 2021, 2021, 1-15.	1.2	2
8885	Osteogenic and chondrogenic differentiation potential of mesenchymal stem cells obtained from the bone marrow and placenta. <i>Proceedings of the National Academy of Sciences of Belarus, Medical Series</i> , 2021, 18, 36-45.	0.2	1
8886	Incorporating regenerative medicine into rehabilitation programmes: a potential treatment for ankle sprain. <i>International Journal of Therapy and Rehabilitation</i> , 2021, 28, 1-15.	0.1	3
8887	A Role for Extracellular Vesicles in SARS-CoV-2 Therapeutics and Prevention. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 270-288.	2.1	30
8888	Potential Use of Mesenchymal Multipotent Cells for Hemopoietic Stem Cell Transplantation: Pro and Contra. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, 43, 90-94.	0.3	7

#	ARTICLE	IF	CITATIONS
8889	Nerve growth factor (NGF) and NGF receptors in mesenchymal stem/stromal cells: Impact on potential therapies. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1008-1020.	1.6	30
8890	Influence of Mesenchymal Stem Cell Sources on Their Regenerative Capacities on Different Surfaces. <i>Cells</i> , 2021, 10, 481.	1.8	9
8891	Growth and Differentiation of Circulating Stem Cells After Extensive Ex Vivo Expansion. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 411-427.	1.6	6
8892	Scar-Free Healing of Endometrium: Tissue-Specific Program of Stromal Cells and Its Induction by Soluble Factors Produced After Damage. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 616893.	1.8	15
8893	The Chemokine Receptors Ccr5 and Cxcr6 Enhance Migration of Mesenchymal Stem Cells into the Degenerating Retina. <i>Molecular Therapy</i> , 2021, 29, 804-821.	3.7	9
8894	Mesenchymal Stem Cells for Mitigating Radiotherapy Side Effects. <i>Cells</i> , 2021, 10, 294.	1.8	19
8895	Human umbilical cord-derived mesenchymal stem/stromal cells: a promising candidate for the development of advanced therapy medicinal products. <i>Stem Cell Research and Therapy</i> , 2021, 12, 152.	2.4	69
8896	Mesenchymal stem cells and oncolytic viruses: joining forces against cancer. , 2021, 9, e001684.		16
8897	Mesenchymal stromal cells: Getting ready for clinical primetime. <i>Transfusion and Apheresis Science</i> , 2021, 60, 103058.	0.5	8
8898	Therapeutic potential of mesenchymal stem cell-derived exosomes as a cell-free therapy approach for the treatment of skin, bone, and cartilage defects. <i>Connective Tissue Research</i> , 2022, 63, 83-96.	1.1	8
8900	Dental Pulp-Derived Mesenchymal Stem Cells for Modeling Genetic Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2269.	1.8	19
8901	Kindlin-3 mutation in mesenchymal stem cells results in enhanced chondrogenesis. <i>Experimental Cell Research</i> , 2021, 399, 112456.	1.2	5
8902	Immunophenotypic characterization and therapeutics effects of human bone marrow- and umbilical cord-derived mesenchymal stromal cells in an experimental model of sepsis. <i>Experimental Cell Research</i> , 2021, 399, 112473.	1.2	10
8903	Neural crest-like stem cells for tissue regeneration. <i>Stem Cells Translational Medicine</i> , 2021, 10, 681-693.	1.6	20
8904	Sepsis and Septic Shock; Current Treatment Dilemma and Role of Stem Cell Therapy in Pediatrics. <i>Archives of Pediatric Infectious Diseases</i> , 2021, 9, .	0.1	0
8905	Protecting islet functional viability using mesenchymal stromal cells. <i>Stem Cells Translational Medicine</i> , 2021, 10, 674-680.	1.6	22
8906	Cell-based strategies for IVD repair: clinical progress and translational obstacles. <i>Nature Reviews Rheumatology</i> , 2021, 17, 158-175.	3.5	125
8907	Mesenchymal Stromal Cell-Based Therapies as Promising Treatments for Muscle Regeneration After Snakebite Envenoming. <i>Frontiers in Immunology</i> , 2020, 11, 609961.	2.2	4

#	ARTICLE	IF	CITATIONS
8908	Moringa oleifera leaf extracts protect BMSC osteogenic induction following peroxidative damage by activating the PI3K/Akt/Foxo1 pathway. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 150.	0.9	9
8909	Hypoxia Onset in Mesenchymal Stem Cell Spheroids: Monitoring With Hypoxia Reporter Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 611837.	2.0	26
8910	Dissecting the effects of preconditioning with inflammatory cytokines and hypoxia on the angiogenic potential of mesenchymal stromal cell (MSC)-derived soluble proteins and extracellular vesicles (EVs). <i>Biomaterials</i> , 2021, 269, 120633.	5.7	59
8911	Biological characteristics of stem cells derived from burned skin—a comparative study with umbilical cord stem cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 137.	2.4	4
8912	Immunomodulatory Properties of Mesenchymal Stromal Cells: An Update. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 637725.	1.8	76
8913	Metformin inhibits chronic kidney disease-induced DNA damage and senescence of mesenchymal stem cells. <i>Aging Cell</i> , 2021, 20, e13317.	3.0	38
8914	Evaluating the in vitro therapeutic effects of human amniotic mesenchymal stromal cells on MiaPaca2 pancreatic cancer cells using 2D and 3D cell culture model. <i>Tissue and Cell</i> , 2021, 68, 101479.	1.0	18
8915	Challenges and Innovations in Osteochondral Regeneration: Insights from Biology and Inputs from Bioengineering toward the Optimization of Tissue Engineering Strategies. <i>Journal of Functional Biomaterials</i> , 2021, 12, 17.	1.8	18
8916	Combination of umbilical cord mesenchymal stem cells and standard immunosuppressive regimen for pediatric patients with severe aplastic anemia. <i>BMC Pediatrics</i> , 2021, 21, 102.	0.7	4
8917	Vascular Network Formation on Macroporous Polydioxanone Scaffolds. <i>Tissue Engineering - Part A</i> , 2021, 27, 1239-1249.	1.6	7
8918	Multipotent Mesenchymal Stromal Cells in Rheumatoid Arthritis and Systemic Lupus Erythematosus; From a Leading Role in Pathogenesis to Potential Therapeutic Saviors?. <i>Frontiers in Immunology</i> , 2021, 12, 643170.	2.2	22
8919	IL-17A and TNF Modulate Normal Human Spinal Enthesal Bone and Soft Tissue Mesenchymal Stem Cell Osteogenesis, Adipogenesis, and Stromal Function. <i>Cells</i> , 2021, 10, 341.	1.8	20
8920	Effect of vitamin D 3 on the osteogenic differentiation of human periodontal ligament stromal cells under inflammatory conditions. <i>Journal of Periodontal Research</i> , 2021, 56, 579-588.	1.4	7
8921	The Potential of Mesenchymal Stromal Cells in Neuroblastoma Therapy for Delivery of Anti-Cancer Agents and Hematopoietic Recovery. <i>Journal of Personalized Medicine</i> , 2021, 11, 161.	1.1	6
8922	Hollow-fiber bioreactor production of extracellular vesicles from human bone marrow mesenchymal stromal cells yields nanovesicles that mirrors the immuno-modulatory antigenic signature of the producer cell. <i>Stem Cell Research and Therapy</i> , 2021, 12, 127.	2.4	55
8923	Engineering the MSC Secretome: A Hydrogel Focused Approach. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001948.	3.9	65
8924	Latest advances to enhance the therapeutic potential of mesenchymal stromal cells for the treatment of immune-mediated diseases. <i>Drug Delivery and Translational Research</i> , 2021, 11, 498-514.	3.0	5
8925	Consistent Long-Term Therapeutic Efficacy of Human Umbilical Cord Matrix-Derived Mesenchymal Stromal Cells After Myocardial Infarction Despite Individual Differences and Transient Engraftment. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 624601.	1.8	5

#	ARTICLE	IF	CITATIONS
8926	Antioxidative Capacity of Liver- and Adipose-Derived Mesenchymal Stem Cell-Conditioned Media and Their Applicability in Treatment of Type 2 Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-11.	1.9	11
8927	Premature ovarian insufficiency: pathogenesis and therapeutic potential of mesenchymal stem cell. <i>Journal of Molecular Medicine</i> , 2021, 99, 637-650.	1.7	32
8928	Beneficial Roles of Cellulose Patch-Mediated Cell Therapy in Myocardial Infarction: A Preclinical Study. <i>Cells</i> , 2021, 10, 424.	1.8	12
8929	Technology for Repairing Osteomyelitic Bone Defects Using Autologous Mesenchymal Stromal Cells on a Collagen Matrix in Experiment. <i>Sovremennye Tehnologii V Medicine</i> , 2021, 13, 42.	0.4	1
8930	Adipose-derived stromal cells for nonhealing wounds: Emerging opportunities and challenges. <i>Medicinal Research Reviews</i> , 2021, 41, 2130-2171.	5.0	28
8931	Myogenic Differentiation of Stem Cells for Skeletal Muscle Regeneration. <i>Stem Cells International</i> , 2021, 2021, 1-10.	1.2	24
8932	Optimizing In Vitro Osteogenesis in Canine Autologous and Induced Pluripotent Stem Cell-Derived Mesenchymal Stromal Cells with Dexamethasone and BMP-2. <i>Stem Cells and Development</i> , 2021, 30, 214-226.	1.1	10
8933	Benefits and obstacles to cell therapy in neonates: The INCuBAToR (Innovative Neonatal Cellular) Tj ETQq1 1 0.784314 rgBT /Overlock Translational Medicine, 2021, 10, 968-975.	1.6	10
8934	Graft infusion of adipose-derived mesenchymal stromal cells to prevent rejection in experimental intestinal transplantation: A feasibility study. <i>Clinical Transplantation</i> , 2021, 35, e14226.	0.8	3
8935	Epigenetic Mechanisms beyond Tumour-Stroma Crosstalk. <i>Cancers</i> , 2021, 13, 914.	1.7	10
8936	Chondrogenesis of human amniotic fluid stem cells in Chitosan-Xanthan scaffold for cartilage tissue engineering. <i>Scientific Reports</i> , 2021, 11, 3063.	1.6	13
8937	Chondrogenic Potential of MSC from Different Sources in Spheroid Culture. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 170, 528-536.	0.3	20
8938	Cytocompatibility and bioactive properties of the new dual-curing resin-modified calcium silicate-based material for vital pulp therapy. <i>Clinical Oral Investigations</i> , 2021, 25, 5009-5024.	1.4	37
8939	Isolation and Characterization of Feline Wharton's Jelly-Derived Mesenchymal Stem Cells. <i>Veterinary Sciences</i> , 2021, 8, 24.	0.6	5
8940	Nucleated Cell Count Has Negligible Predictive Value for the Number of Colony-Forming Units for Connective Tissue Progenitor Cells (Stem Cells) in Bone Marrow Aspirate Harvested From the Proximal Humerus During Arthroscopic Rotator Cuff Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 2043-2052.	1.3	7
8941	Tissue Regeneration Capacity of Extracellular Vesicles Isolated From Bone Marrow-Derived and Adipose-Derived Mesenchymal Stromal/Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 648098.	1.8	29
8944	Human umbilical cord mesenchymal stem cells attenuate podocyte injury under high glucose via TLR2 and TLR4 signaling. <i>Diabetes Research and Clinical Practice</i> , 2021, 173, 108702.	1.1	13
8945	Oral biosciences: The annual review 2020. <i>Journal of Oral Biosciences</i> , 2021, 63, 1-7.	0.8	0

#	ARTICLE	IF	CITATIONS
8946	Influence of administration of mesenchymal stromal cell on pediatric oxygenator performance and inflammatory response. <i>JTCVS Open</i> , 2021, 5, 99-107.	0.2	7
8947	Mesenchymal Stem Cell-Based Therapy for Retinal Degenerative Diseases: Experimental Models and Clinical Trials. <i>Cells</i> , 2021, 10, 588.	1.8	39
8948	A Review of Placenta and Umbilical Cord-Derived Stem Cells and the Immunomodulatory Basis of Their Therapeutic Potential in Bronchopulmonary Dysplasia. <i>Frontiers in Pediatrics</i> , 2021, 9, 615508.	0.9	17
8949	Phenotypical Characterization and Neurogenic Differentiation of Rabbit Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Genes</i> , 2021, 12, 431.	1.0	9
8950	Effect of Muscle Cell Preservation on Viability and Differentiation of Hamstring Tendon Graft In Vitro. <i>Cells</i> , 2021, 10, 740.	1.8	4
8951	Interactivity of biochemical and physical stimuli during epigenetic conditioning and cardiomyocytic differentiation of stem and progenitor cells derived from adult hearts. <i>Integrative Biology (United Tj ETQq1 1 0.784314 rgBTQ/Overlo</i>	1.4	3
8952	Effect of a subset of adipose-derived stem cells isolated with liposome magnetic beads to promote cartilage repair. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4204-4215.	1.6	6
8953	Elucidating the role of cell-mediated inflammatory cytokines on allogeneic mouse-derived nucleus pulposus mesenchymal stem cells. <i>Journal of Food Biochemistry</i> , 2021, 45, e13681.	1.2	3
8954	Excess TGF- β 1 Drives Cardiac Mesenchymal Stromal Cells to a Pro-Fibrotic Commitment in Arrhythmogenic Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2673.	1.8	17
8955	MSCs derived from amniotic fluid and umbilical cord require different administration schemes and exert different curative effects on different tissues in rats with CLP-induced sepsis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 164.	2.4	7
8956	Alterations of mesenchymal stromal cells in cerebrospinal fluid: insights from transcriptomics and an ALS clinical trial. <i>Stem Cell Research and Therapy</i> , 2021, 12, 187.	2.4	8
8957	Induction therapy with mesenchymal stromal cells in kidney transplantation: a meta-analysis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 158.	2.4	4
8958	Mesenchymal stem cells overexpressing BMP-9 by CRISPR-Cas9 present high in vitro osteogenic potential and enhance in vivo bone formation. <i>Gene Therapy</i> , 2021, 28, 748-759.	2.3	20
8959	Identification of suitable reference genes for mesenchymal stem cells from menstrual blood of women with endometriosis. <i>Scientific Reports</i> , 2021, 11, 5422.	1.6	7
8960	SDF-1 modulates periodontal ligament-Mesenchymal Stem Cells (pdl-MSCs). <i>Journal of Periodontal Research</i> , 2021, 56, 774-781.	1.4	2
8961	Mesenchymal Stromal Cell-Mediated Immune Regulation: A Promising Remedy in the Therapy of Type 2 Diabetes Mellitus. <i>Stem Cells</i> , 2021, 39, 838-852.	1.4	14
8962	Biomimetic cell-adhesive ligand-functionalized peptide composite hydrogels maintain stemness of human amniotic mesenchymal stem cells. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbaa057.	1.9	8
8963	The Usefulness of Mesenchymal Stem Cells beyond the Musculoskeletal System in Horses. <i>Animals</i> , 2021, 11, 931.	1.0	11

#	ARTICLE	IF	CITATIONS
8964	Hyaluronic Acid Supplement as a Chondrogenic Adjuvant in Promoting the Therapeutic Efficacy of Stem Cell Therapy in Cartilage Healing. <i>Pharmaceutics</i> , 2021, 13, 432.	2.0	7
8965	Evaluation of CD49f as a novel surface marker to identify functional adipose-derived mesenchymal stem cell subset. <i>Cell Proliferation</i> , 2021, 54, e13017.	2.4	12
8966	Metabolic Glycoengineering in hMSC-TERT as a Model for Skeletal Precursors by Using Modified Azide/Alkyne Monosaccharides. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2820.	1.8	7
8967	Exposure of Mesenchymal Stem Cells to an Alzheimer's Disease Environment Enhances Therapeutic Effects. <i>Stem Cells International</i> , 2021, 2021, 1-14.	1.2	5
8968	Recent Developed Strategies for Enhancing Chondrogenic Differentiation of MSC: Impact on MSC-Based Therapy for Cartilage Regeneration. <i>Stem Cells International</i> , 2021, 2021, 1-15.	1.2	31
8969	Comparable in vitro Function of Human Liver-Derived and Adipose Tissue-Derived Mesenchymal Stromal Cells: Implications for Cell-Based Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 641792.	1.8	9
8970	Recent Developments in Clinical Applications of Mesenchymal Stem Cells in the Treatment of Rheumatoid Arthritis and Osteoarthritis. <i>Frontiers in Immunology</i> , 2021, 12, 631291.	2.2	70
8971	Comparison of immune modulatory properties of human multipotent mesenchymal stromal cells derived from bone marrow and placenta. <i>Biotechnic and Histochemistry</i> , 2021, , 1-11.	0.7	4
8972	Understanding the Biological Basis of Glioblastoma Patient-derived Spheroids. <i>Anticancer Research</i> , 2021, 41, 1183-1195.	0.5	3
8973	Melatonin Treatment Alters Biological and Immunomodulatory Properties of Human Dental Pulp Mesenchymal Stem Cells via Augmented Transforming Growth Factor Beta Secretion. <i>Journal of Endodontics</i> , 2021, 47, 424-435.	1.4	9
8974	Trends in Articular Cartilage Tissue Engineering: 3D Mesenchymal Stem Cell Sheets as Candidates for Engineered Hyaline-Like Cartilage. <i>Cells</i> , 2021, 10, 643.	1.8	35
8975	Icariside II promotes the differentiation of human amniotic mesenchymal stem cells into dopaminergic neuron-like cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 457-467.	0.7	4
8976	More Human BM-MSC With Similar Subpopulation Composition and Functional Characteristics Can Be Produced With a GMP-Compatible Fabric Filter System Compared to Density Gradient Technique. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 638798.	1.8	5
8977	Graphene Oxide Substrate Promotes Neurotrophic Factor Secretion and Survival of Human Schwann-Like Adipose Mesenchymal Stromal Cells. <i>Advanced Biology</i> , 2021, 5, e2000271.	1.4	10
8978	Mesenchymal stromal cells for systemic sclerosis treatment. <i>Autoimmunity Reviews</i> , 2021, 20, 102755.	2.5	28
8979	Advances and Perspectives in Dental Pulp Stem Cell Based Neuroregeneration Therapies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3546.	1.8	32
8980	Investigating heterogeneities of live mesenchymal stromal cells using AI-based label-free imaging. <i>Scientific Reports</i> , 2021, 11, 6728.	1.6	18
8981	Intra-articular Injection of PDGF-BB Explored in a Novel in Vitro Model Mobilizes Mesenchymal Stem Cells From the Synovium Into Synovial Fluid in Rats. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1768-1779.	1.7	6

#	ARTICLE	IF	CITATIONS
8982	Cellular Therapy as Promising Choice of Treatment for COVID-19. , 0, , .		0
8983	DEVELOPMENT OF ENGINEERED CARTILAGE PRODUCT FROM BONE MARROW MESENCHYMAL STEM CELLS: AN EXAMPLE IN TAIWAN. <i>Journal of Musculoskeletal Research</i> , 2021, 24, 2130001.	0.1	1
8984	Similarities between Tumour Immune Response and Chronic Wound Microenvironment: Influence of Mesenchymal Stromal/Stem Cells. <i>Journal of Immunology Research</i> , 2021, 2021, 1-11.	0.9	9
8985	Isolation of adipose tissue-derived stem cells by direct membrane migration and expansion for clinical application. <i>Human Cell</i> , 2021, 34, 819-824.	1.2	3
8986	The adenosinergic pathway in mesenchymal stem cell fate and functions. <i>Medicinal Research Reviews</i> , 2021, 41, 2316-2349.	5.0	10
8987	Cell Surface Glycoprotein CD24 Marks Bone Marrow-Derived Human Mesenchymal Stem/Stromal Cells with Reduced Proliferative and Differentiation Capacity In Vitro. <i>Stem Cells and Development</i> , 2021, 30, 325-336.	1.1	7
8988	Mesenchymal stem cells in treatment of cancer patients with COVID-19 pneumonia. <i>Voprosy Onkologii</i> , 2021, 67, 7-12.	0.1	0
8990	Characterization of CRISPR/Cas9 RANKL knockout mesenchymal stem cell clones based on single-cell printing technology and Emulsion Coupling assay as a low-cellularity workflow for single-cell cloning. <i>PLoS ONE</i> , 2021, 16, e0238330.	1.1	5
8991	Heterogeneity of mesenchymal stem cells in cartilage regeneration: from characterization to application. <i>Npj Regenerative Medicine</i> , 2021, 6, 14.	2.5	85
8992	Mesenchymal Stem Cellsâ€Based Targeting Delivery System: Therapeutic Promises and Immunomodulation against Tumor. <i>Advanced Therapeutics</i> , 2021, 4, 2100030.	1.6	7
8993	Dynamic changes in endoglin expression in the developing mouse heart. <i>Gene Expression Patterns</i> , 2021, 39, 119165.	0.3	1
8994	Surface Modifications of Titanium Aluminium Vanadium Improve Biocompatibility and Osteogenic Differentiation Potential. <i>Materials</i> , 2021, 14, 1574.	1.3	9
8995	Mesenchymal Stem Cells as a Cornerstone in a Galaxy of Intercellular Signals: Basis for a New Era of Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3576.	1.8	43
8996	Reprogrammed mesenchymal stem cells derived from iPSCs promote bone repair in steroid-associated osteonecrosis of the femoral head. <i>Stem Cell Research and Therapy</i> , 2021, 12, 175.	2.4	32
8997	The lower in vitro chondrogenic potential of canine adipose tissue-derived mesenchymal stromal cells (MSC) compared to bone marrow-derived MSC is not improved by BMP-2 or BMP-6. <i>Veterinary Journal</i> , 2021, 269, 105605.	0.6	12
8998	Development of a Biomimetic Hydrogel Based on Predifferentiated Mesenchymal Stemâ€Cellâ€Derived ECM for Cartilage Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001847.	3.9	32
8999	Isolation and Characterization of Buccal Fat Pad and Dental Pulp MSCs from the Same Donor. <i>Biomedicines</i> , 2021, 9, 265.	1.4	9
9000	Clinical efficacy on glycemic control and safety of mesenchymal stem cells in patients with diabetes mellitus: Systematic review and meta-analysis of RCT data. <i>PLoS ONE</i> , 2021, 16, e0247662.	1.1	8

#	ARTICLE	IF	CITATIONS
9001	Different Stages of Quiescence, Senescence, and Cell Stress Identified by Molecular Algorithm Based on the Expression of Ki67, RPS6, and Beta-Galactosidase Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3102.	1.8	41
9002	Effect of Long-Term 3D Spheroid Culture on WJ-MSC. <i>Cells</i> , 2021, 10, 719.	1.8	21
9003	Analysis of Key Distinct Biological Characteristics of Human Placenta-Derived Mesenchymal Stromal Cells and Individual Heterogeneity Attributing to Donors. <i>Cells Tissues Organs</i> , 2021, 210, 45-57.	1.3	7
9004	Presence of Clustered GM1 Ganglioside in the Membrane of Endometrial Mesenchymal Stem Cells is Dependent on Cell Cycle Stage. <i>Cell and Tissue Biology</i> , 2021, 15, 120-126.	0.2	1
9005	Endoglin Expression and Surface Renewal in Mesenchymal Stem Cells and Endothelial Cells. <i>Cell and Tissue Biology</i> , 2021, 15, 107-119.	0.2	2
9006	Emerging Role of Pericytes and Their Secretome in the Heart. <i>Cells</i> , 2021, 10, 548.	1.8	34
9007	Selective Proliferation of Highly Functional Adipose-Derived Stem Cells in Microgravity Culture with Stirred Microspheres. <i>Cells</i> , 2021, 10, 560.	1.8	7
9008	Umbilical cord-derived mesenchymal stromal cells immunomodulate and restore actin dynamics and phagocytosis of LPS-activated microglia via PI3K/Akt/Rho GTPase pathway. <i>Cell Death Discovery</i> , 2021, 7, 46.	2.0	11
9009	In-Depth Characterization of Stromal Cells within the Tumor Microenvironment Yields Novel Therapeutic Targets. <i>Cancers</i> , 2021, 13, 1466.	1.7	9
9010	Mesenchymal stem cells and cancer therapy: insights into targeting the tumour vasculature. <i>Cancer Cell International</i> , 2021, 21, 158.	1.8	29
9011	MESENCHYMAL STEM CELLS IN THE COMPLEX TREATMENT OF TRAUMATIC BRAIN INJURY. <i>Medical Science of Ukraine (MSU)</i> , 2021, 17, 11-23.	0.0	0
9012	Bone Marrow Aspirate Matrix: A Convenient Ally in Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2762.	1.8	8
9013	Neural Basis of Dental Pulp Stem Cells and its Potential Application in Parkinson's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 62-76.	0.8	13
9014	Biological characteristics and metabolic profile of canine mesenchymal stem cells isolated from adipose tissue and umbilical cord matrix. <i>PLoS ONE</i> , 2021, 16, e0247567.	1.1	7
9015	Manufacturing and banking canine adipose-derived mesenchymal stem cells for veterinary clinical application. <i>BMC Veterinary Research</i> , 2021, 17, 96.	0.7	7
9016	Endoglin in the Spotlight to Treat Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3186.	1.8	15
9017	ABC5+ Dermal Mesenchymal Stromal Cells with Favorable Skin Homing and Local Immunomodulation for Recessive Dystrophic Epidermolysis Bullosa Treatment. <i>Stem Cells</i> , 2021, 39, 897-903.	1.4	19
9018	Update on the role of emerging stem cell technology in head and neck medicine. <i>Head and Neck</i> , 2021, 43, 1928-1938.	0.9	5

#	ARTICLE	IF	CITATIONS
9019	Stem Cells and the Endometrium: From the Discovery of Adult Stem Cells to Pre-Clinical Models. <i>Cells</i> , 2021, 10, 595.	1.8	22
9020	Activated low-density granulocytes in peripheral and intervillous blood and neutrophil inflammation in placentas from SLE pregnancies. <i>Lupus Science and Medicine</i> , 2021, 8, e000463.	1.1	8
9021	Amniotic membrane-mesenchymal stromal cells secreted factors and extracellular vesicle-miRNAs: Anti-inflammatory and regenerative features for musculoskeletal tissues. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1044-1062.	1.6	46
9022	Silk Fibroin Nanoparticle Functionalization with Arg-Gly-Asp Cyclopentapeptide Promotes Active Targeting for Tumor Site-Specific Delivery. <i>Cancers</i> , 2021, 13, 1185.	1.7	17
9023	The Dynamic Interface Between the Bone Marrow Vascular Niche and Hematopoietic Stem Cells in Myeloid Malignancy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 635189.	1.8	13
9024	Quercetin/Zinc complex and stem cells: A new drug therapy to ameliorate glycometabolic control and pulmonary dysfunction in diabetes mellitus: Structural characterization and genetic studies. <i>PLoS ONE</i> , 2021, 16, e0246265.	1.1	32
9025	Effect of Autologous Expanded Bone Marrow Mesenchymal Stem Cells or Leukocyte-Poor Platelet-Rich Plasma in Chronic Patellar Tendinopathy (With Gap >3 mm): Preliminary Outcomes After 6 Months of a Double-Blind, Randomized, Prospective Study. <i>American Journal of Sports Medicine</i> , 2021, 49, 1492-1504.	1.9	32
9026	Bone marrow stromal cells from MDS and AML patients show increased adipogenic potential with reduced Delta-like-1 expression. <i>Scientific Reports</i> , 2021, 11, 5944.	1.6	20
9027	Hydroxyapatite Nanoparticles Facilitate Osteoblast Differentiation and Bone Formation Within Sagittal Suture During Expansion in Rats. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 905-917.	2.0	26
9028	B�reb Naklinde Hresel Tedavilerin Kullanılması. Sleyman Demirel �niversitesi Tıp Fakltesi Dergisi, 2021, 46(1), 1-6.	0.0	0
9029	Efficacy of topical and systemic transplantation of mesenchymal stem cells in a rat model of diabetic ischemic wounds. <i>Stem Cell Research and Therapy</i> , 2021, 12, 220.	2.4	25
9030	The Impact of Various Culture Conditions on Human Mesenchymal Stromal Cells Metabolism. <i>Stem Cells International</i> , 2021, 2021, 1-15.	1.2	19
9031	DOSE-DEPENDENT CHARACTER OF DISTURBANCE OF HEMATOPOIETIC AND IMMUNE SYSTEMS FUNCTION, PRODUCTION OF SOME HORMONES IN EXPERIMENTAL URANIUM ACETATE DIHYDRATE EXPOSURE. <i>Toxicological Review</i> , 2021, 1, 14-19.	0.2	1
9032	Photobiomodulation: An Effective Approach to Enhance Proliferation and Differentiation of Adipose-Derived Stem Cells into Osteoblasts. <i>Stem Cells International</i> , 2021, 2021, 1-13.	1.2	9
9033	Immunomodulating Profile of Dental Mesenchymal Stromal Cells: A Comprehensive Overview. <i>Frontiers in Oral Health</i> , 2021, 2, 635055.	1.2	17
9034	Biological Heterogeneity of Chondrosarcoma: From (Epi) Genetics through Stemness and Deregulated Signaling to Immunophenotype. <i>Cancers</i> , 2021, 13, 1317.	1.7	6
9035	Micro-/Nano-Structured Ceramic Scaffolds That Mimic Natural Cancellous Bone. <i>Materials</i> , 2021, 14, 1439.	1.3	8
9036	Biomarkers of immune tolerance in kidney transplantation: an overview. <i>Pediatric Nephrology</i> , 2021, , 1.	0.9	3

#	ARTICLE	IF	CITATIONS
9037	Annexin A1 Is Required for Efficient Tumor Initiation and Cancer Stem Cell Maintenance in a Model of Human Breast Cancer. <i>Cancers</i> , 2021, 13, 1154.	1.7	7
9038	Insights into the mechanisms of alveolarization - Implications for lung regeneration and cell therapies. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, , 101243.	1.1	2
9039	Cardio Phenotypic Potential of Mesenchymal Stem Cells. <i>Current Protocols</i> , 2021, 1, e62.	1.3	0
9040	Thermosensitive quaternized chitosan hydrogel scaffolds promote neural differentiation in bone marrow mesenchymal stem cells and functional recovery in a rat spinal cord injury model. <i>Cell and Tissue Research</i> , 2021, 385, 65-85.	1.5	10
9041	Assessment of the Neuroprotective and Stemness Properties of Human Whartonâ€™s Jelly-Derived Mesenchymal Stem Cells under Variable (5% vs. 21%) Aerobic Conditions. <i>Cells</i> , 2021, 10, 717.	1.8	10
9042	Stem Cell Therapy for Neonatal Hypoxic-Ischemic Encephalopathy: A Systematic Review of Preclinical Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3142.	1.8	32
9043	Editorial Commentary: Stem Cells. They Are in the Fat Tissue, Bone Marrow, and Even in the Synovial Fluid of the Knee Joint. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 901-902.	1.3	3
9044	Roles and mechanisms of stem cell in wound healing. <i>Stem Cell Investigation</i> , 2021, 8, 4-4.	1.3	22
9045	Stem cells and growth factors-based delivery approaches for chronic wound repair and regeneration: A promise to heal from within. <i>Life Sciences</i> , 2021, 268, 118932.	2.0	34
9046	Strategies to Identify Mesenchymal Stromal Cells in Minimally Manipulated Human Bone Marrow Aspirate Concentrate Lack Consensus. <i>American Journal of Sports Medicine</i> , 2021, 49, 1313-1322.	1.9	10
9047	Different Effects of Intramedullary Injection of Mesenchymal Stem Cells During the Acute vs. Chronic Inflammatory Phase on Bone Healing in the Murine Continuous Polyethylene Particle Infusion Model. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 631063.	1.8	6
9048	Assessment of a PCL-3D Printing-Dental Pulp Stem Cells Triplet for Bone Engineering: An In Vitro Study. <i>Polymers</i> , 2021, 13, 1154.	2.0	10
9050	Intrauterine hCG application increases expression of endothelial cellâ€™ cell adhesion molecules in human. <i>Archives of Gynecology and Obstetrics</i> , 2021, 304, 1587-1597.	0.8	4
9051	The Effect of Proinflammatory Cytokines on the Proliferation, Migration and Secretory Activity of Mesenchymal Stem/Stromal Cells (WJ-MSCs) under 5% O ₂ and 21% O ₂ Culture Conditions. <i>Journal of Clinical Medicine</i> , 2021, 10, 1813.	1.0	10
9053	Progress and potential of mesenchymal stromal cell therapy in acute respiratory distress syndrome. , 2021, , 353-372.		1
9054	Toll-Like Receptors and Dental Mesenchymal Stromal Cells. <i>Frontiers in Oral Health</i> , 2021, 2, 648901.	1.2	12
9055	Bone Marrow Mesenchymal Stromal Cells on Silk Fibroin Scaffolds to Attenuate Polymicrobial Sepsis Induced by Cecal Ligation and Puncture. <i>Polymers</i> , 2021, 13, 1433.	2.0	3
9056	Impact of Three Different Serum Sources on Functional Properties of Equine Mesenchymal Stromal Cells. <i>Frontiers in Veterinary Science</i> , 2021, 8, 634064.	0.9	8

#	ARTICLE	IF	CITATIONS
9057	Endothelium-derived stromal cells contribute to hematopoietic bone marrow niche formation. <i>Cell Stem Cell</i> , 2021, 28, 653-670.e11.	5.2	31
9058	Human dental pulp stem cells: A sanctuary for relapsing <i>Bartonella quintana</i> . <i>Microbial Pathogenesis</i> , 2021, 153, 104797.	1.3	1
9059	Current Status and Potential Challenges of Cell-Based Therapy for Treating Status Epilepticus and Chronic Epilepsy. , 0, , .		1
9060	Endoscopic atomization of mesenchymal stromal cells: in vitro study for local cell therapy of the lungs. <i>Cytotherapy</i> , 2021, 23, 293-300.	0.3	5
9061	Challenges for Deriving Hepatocyte-Like Cells from Umbilical Cord Mesenchymal Stem Cells for In Vitro Toxicology Applications. , 0, , .		0
9062	Biohybrid Bovine Bone Matrix for Controlled Release of Mesenchymal Stem/Stromal Cell Lysosecretome: A Device for Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4064.	1.8	9
9063	Embryonic protein NODAL regulates the breast tumor microenvironment by reprogramming cancer-derived secretomes. <i>Neoplasia</i> , 2021, 23, 375-390.	2.3	3
9064	Xenogenic bone grafting biomaterials do not interfere in the viability and proliferation of stem cells from human exfoliated deciduous teeth - an in vitro pilot study. <i>Research, Society and Development</i> , 2021, 10, e34410414249.	0.0	1
9065	Minicircle-based expression of vascular endothelial growth factor in mesenchymal stromal cells from diverse human tissues. <i>Journal of Gene Medicine</i> , 2021, 23, e3342.	1.4	2
9066	Therapeutic Potential of Extracellular Vesicles for Sepsis Treatment. <i>Advanced Therapeutics</i> , 2021, 4, 2000259.	1.6	14
9067	Umbilical cord derived mesenchymal stromal cells in microcarrier based industrial scale culture sustain the immune regulatory functions. <i>Biotechnology Journal</i> , 2021, 16, e2000558.	1.8	8
9068	Single-Cell Transcriptome Analysis of Human Adipose-Derived Stromal Cells Identifies a Contractile Cell Subpopulation. <i>Stem Cells International</i> , 2021, 2021, 1-12.	1.2	2
9069	Jaw Periosteum-Derived Mesenchymal Stem Cells Regulate THP-1-Derived Macrophage Polarization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4310.	1.8	8
9070	Transcriptional networks controlling stromal cell differentiation. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 465-482.	16.1	23
9071	An Update on Mesenchymal Stem Cell-Centered Therapies in Temporomandibular Joint Osteoarthritis. <i>Stem Cells International</i> , 2021, 2021, 1-15.	1.2	13
9072	Evaluation of the Biodistribution of Mesenchymal Stem Cells in a Pre-clinical Renal Tuberculosis Model by Non-linear Magnetic Response Measurements. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	4
9073	Human Hemangioblast-Derived Mesenchymal Stem Cells Promote Islet Engraftment in a Minimal Islet Mass Transplantation Model in Mice. <i>Frontiers in Medicine</i> , 2021, 8, 660877.	1.2	2
9074	Quantification of Antibody Persistence for Cell Surface Protein Labeling. <i>Cellular and Molecular Bioengineering</i> , 2021, 14, 267-277.	1.0	2

#	ARTICLE	IF	CITATIONS
9075	Glucose-dependent insulinotropic polypeptide modifies adipose plasticity and promotes beige adipogenesis of human omental adipose-derived stem cells. <i>FASEB Journal</i> , 2021, 35, e21534.	0.2	6
9077	Mesenchymal stem cells in the treatment of osteonecrosis of the jaw. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2021, 47, 65-75.	0.3	4
9078	Optimization of culture conditions for human bone marrow-derived mesenchymal stromal cell expansion in macrocarrier-based Tide Motion system. <i>Biotechnology Journal</i> , 2021, 16, 2000540.	1.8	0
9079	Mesenchymal Stem Cells and Extracellular Vesicles: An Emerging Alternative to Combat COVID-19. , 0, , .		1
9080	Timely Supplementation of Hydrogels Containing Sulfated or Unsulfated Chondroitin and Hyaluronic Acid Affects Mesenchymal Stromal Cells Commitment Toward Chondrogenic Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 641529.	1.8	16
9081	Influence of bone formation by composite scaffolds with different proportions of hydroxyapatite and collagen. <i>Dental Materials</i> , 2021, 37, e231-e244.	1.6	20
9082	3D Bioprinted Scaffolds Containing Mesenchymal Stem/Stromal Lyosecretome: Next Generation Controlled Release Device for Bone Regenerative Medicine. <i>Pharmaceutics</i> , 2021, 13, 515.	2.0	25
9083	Diagnosis and treatment of type 1 diabetes at the dawn of the personalized medicine era. <i>Journal of Translational Medicine</i> , 2021, 19, 137.	1.8	41
9084	Evaluation of Potential Application of Wharton's Jelly-Derived Human Mesenchymal Stromal Cells and its Conditioned Media for Dermal Regeneration using Rat Wound Healing Model. <i>Cells Tissues Organs</i> , 2021, 210, 31-44.	1.3	5
9085	Toll-like receptor activation of equine mesenchymal stromal cells to enhance antibacterial activity and immunomodulatory cytokine secretion. <i>Veterinary Surgery</i> , 2021, 50, 858-871.	0.5	20
9086	The Unique Immunomodulatory Properties of MSC-Derived Exosomes in Organ Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 659621.	2.2	20
9087	Fibroblast-like synoviocytes in rheumatoid arthritis: Surface markers and phenotypes. <i>International Immunopharmacology</i> , 2021, 93, 107392.	1.7	82
9088	Hypoxic preconditioning induces epigenetic changes and modifies swine mesenchymal stem cell angiogenesis and senescence in experimental atherosclerotic renal artery stenosis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 240.	2.4	22
9089	Mesenchymal stromal cell therapy for pancreatitis: Progress and challenges. <i>Medicinal Research Reviews</i> , 2021, 41, 2474-2488.	5.0	16
9090	Strategies to address mesenchymal stem/stromal cell heterogeneity in immunomodulatory profiles to improve cell-based therapies. <i>Acta Biomaterialia</i> , 2021, 133, 114-125.	4.1	34
9091	The Particle Radiobiology of Multipotent Mesenchymal Stromal Cells: A Key to Mitigating Radiation-Induced Tissue Toxicities in Cancer Treatment and Beyond?. <i>Frontiers in Oncology</i> , 2021, 11, 616831.	1.3	1
9092	MicroRNA treatment modulates osteogenic differentiation potential of mesenchymal stem cells derived from human chorion and placenta. <i>Scientific Reports</i> , 2021, 11, 7670.	1.6	6
9093	Crohn's Disease Increases the Mesothelial Properties of Adipocyte Progenitors in the Creeping Fat. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4292.	1.8	3

#	ARTICLE	IF	CITATIONS
9094	Fibrocartilage Stem Cells in the Temporomandibular Joint: Insights From Animal and Human Studies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 665995.	1.8	8
9095	Orthobiologics in the treatment of hip disorders. <i>World Journal of Stem Cells</i> , 2021, 13, 304-316.	1.3	7
9096	Umbilical Cord Blood and Cord Tissue Bank as a Source for Allogeneic Use. , 0, , .		1
9097	A novel MSC-based immune induction strategy for ABO-incompatible liver transplantation: a phase I/II randomized, open-label, controlled trial. <i>Stem Cell Research and Therapy</i> , 2021, 12, 244.	2.4	13
9098	Preclinical Studies and Clinical Prospects of Whartonâ€™s Jelly-Derived MSC for Treatment of Acute Radiation Syndrome. <i>Current Stem Cell Reports</i> , 2021, 7, 85-94.	0.7	4
9099	Stem Cells 101. <i>American Journal of Sports Medicine</i> , 2021, 49, 1417-1420.	1.9	7
9100	Acceleration of Translational Mesenchymal Stromal Cell Therapy Through Consistent Quality GMP Manufacturing. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 648472.	1.8	20
9101	Expression of CD146 and Regenerative Cytokines by Human Placenta-Derived Mesenchymal Stromal Cells upon Expansion in Different GMP-Compliant Media. <i>Stem Cells International</i> , 2021, 2021, 1-10.	1.2	2
9102	Dodging COVID-19 infection: low expression and localization of ACE2 and TMPRSS2 in multiple donor-derived lines of human umbilical cord-derived mesenchymal stem cells. <i>Journal of Translational Medicine</i> , 2021, 19, 149.	1.8	14
9103	Morphological and genomic shifts in mole-rat â€™queensâ€™ increase fecundity but reduce skeletal integrity. <i>ELife</i> , 2021, 10, .	2.8	8
9104	Safety and Homing of Human Dental Pulp Stromal Cells in Head and Neck Cancer. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1619-1634.	1.7	4
9105	Hypoxic and Normoxic-Human Whartonâ€™s Jelly Mesenchymal Stem Cell-Free Lysate for Anticancer Therapies. <i>Walailak Journal of Science and Technology</i> , 2021, 18, .	0.5	0
9106	Human Acquired Aplastic Anemia Patientsâ€™ Bone-Marrow-Derived Mesenchymal Stem Cells Are Not Influenced by Hematopoietic Compartment and Maintain Stemness and Immune Properties. <i>Anemia</i> , 2021, 2021, 1-9.	0.5	3
9107	Pluronic Micelle-Mediated Tissue Factor Silencing Enhances Hemocompatibility, Stemness, Differentiation Potential, and Paracrine Signaling of Mesenchymal Stem Cells. <i>Biomacromolecules</i> , 2021, 22, 1980-1989.	2.6	9
9108	Mesenchymal stromal cells for corneal transplantation: Literature review and suggestions for successful clinical trials. <i>Ocular Surface</i> , 2021, 20, 185-194.	2.2	11
9109	Culture Substrates for Improved Manufacture of Mesenchymal Stromal Cell Therapies. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100016.	3.9	9
9110	Artificial Tumor Microenvironments in Neuroblastoma. <i>Cancers</i> , 2021, 13, 1629.	1.7	13
9111	Eradication of specific donor-dependent variations of mesenchymal stem cells in immunomodulation to enhance therapeutic values. <i>Cell Death and Disease</i> , 2021, 12, 357.	2.7	24

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9112	The Role of Adipose Stem Cells in Bone Regeneration and Bone Tissue Engineering. <i>Cells</i> , 2021, 10, 975.	1.8	26
9113	Cell therapy in patients with heart failure: a comprehensive review and emerging concepts. <i>Cardiovascular Research</i> , 2022, 118, 951-976.	1.8	52
9114	Chemokines and their receptors: predictors of the therapeutic potential of mesenchymal stromal cells. <i>Journal of Translational Medicine</i> , 2021, 19, 156.	1.8	25
9115	Andrographolide promotes proliferative and osteogenic potentials of human placenta-derived mesenchymal stem cells through the activation of Wnt/ β^2 -catenin signaling. <i>Stem Cell Research and Therapy</i> , 2021, 12, 241.	2.4	13
9116	Age-Related Changes in the Inflammatory Status of Human Mesenchymal Stem Cells: Implications for Cell Therapy. <i>Stem Cell Reports</i> , 2021, 16, 694-707.	2.3	47
9117	DNMT3B Is an Oxygen-Sensitive De Novo Methylase in Human Mesenchymal Stem Cells. <i>Cells</i> , 2021, 10, 1032.	1.8	6
9118	Preventing Brain Damage from Hypoxic-Ischemic Encephalopathy in Neonates: Update on Mesenchymal Stromal Cells and Umbilical Cord Blood Cells. <i>American Journal of Perinatology</i> , 2021, , .	0.6	6
9119	Calcium channels and their role in regenerative medicine. <i>World Journal of Stem Cells</i> , 2021, 13, 260-280.	1.3	12
9120	Cell-Mediated Therapies to Facilitate Operational Tolerance in Liver Transplantation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4016.	1.8	6
9121	Incorporating insulin growth Factor-1 into regenerative and personalised medicine for musculoskeletal disorders: A systematic review. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 419-441.	1.3	3
9122	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Restore Thymic Architecture and T Cell Function Disrupted by Neonatal Hyperoxia. <i>Frontiers in Immunology</i> , 2021, 12, 640595.	2.2	17
9123	Identification and Distinction of Tenocytes and Tendon-Derived Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 629515.	1.8	24
9124	Influence of Hypothermic Storage Fluids on Mesenchymal Stem Cell Stability: A Comprehensive Review and Personal Experience. <i>Cells</i> , 2021, 10, 1043.	1.8	13
9125	Towards Physiologic Culture Approaches to Improve Standard Cultivation of Mesenchymal Stem Cells. <i>Cells</i> , 2021, 10, 886.	1.8	32
9126	Mesenchymal Stromal Cells from Different Parts of Umbilical Cord: Approach to Comparison & Characteristics. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1780-1795.	1.7	19
9127	The role of altered stem cell function in airway and alveolar repair and remodelling in COPD. , 2021, , 322-339.		3
9128	EMERGING LEADER IN STEM CELL THERAPY: HUMAN UMBILICAL CORD MESENCHYMAL STEM CELLS-FUTURE THERAPEUTIC TRENDS. , 2021, , 19-21.		0
9129	Linking the brain and bone through fat. <i>Journal of Mind and Medical Sciences</i> , 2021, 8, 17-26.	0.1	3

#	ARTICLE	IF	CITATIONS
9130	Extracellular Vesicles Secreted by Mesenchymal Stromal Cells Exert Opposite Effects to Their Cells of Origin in Murine Sodium Dextran Sulfate-Induced Colitis. <i>Frontiers in Immunology</i> , 2021, 12, 627605.	2.2	23
9131	Amnion and Umbilical Cord-Derived Products in Sports Medicine: From Basic Science to Clinical Application. <i>American Journal of Sports Medicine</i> , 2021, 49, 1954-1961.	1.9	4
9132	Characterization of encapsulated porcine cardiosphere-derived cells embedded in 3D alginate matrices. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120454.	2.6	3
9133	The Effect of Type and Dose of Anti-Inflammatory Drugs on the Viability and Osteogenic Potential of Dental Pulp Stem Cells. <i>Egyptian Dental Journal</i> , 2021, 67, 1217-1227.	0.1	1
9134	Stem Cells and Spinal Fusion. <i>International Journal of Spine Surgery</i> , 2021, 15, 94-103.	0.7	3
9135	Effect of Scrapie Prion Infection in Ovine Bone Marrow-Derived Mesenchymal Stem Cells and Ovine Mesenchymal Stem Cell-Derived Neurons. <i>Animals</i> , 2021, 11, 1137.	1.0	5
9136	In Vitro Evaluation of the Allogeneic Bone Matrix Effect on the Adipose Mesenchymal Stromal Cells Characteristics in Combined Tissue Engineering. <i>Travmatologiya i Ortopediya Rossii</i> , 2021, 27, 53-65.	0.1	3
9137	Decreased Inhibition of Proliferation and Induction of Apoptosis in Breast Cancer Cell Lines (T47D and) Tj ETQq1 1 0.784314 rgBT /Over Compared with Normoxia-Treated MSCs. <i>International Journal of Hematology-Oncology and Stem Cell Research</i> , 2021, 15, 77-89.	0.3	0
9138	Retinoic and ascorbic acids induce osteoblast differentiation from human dental pulp mesenchymal stem cells. <i>Journal of Oral Biology and Craniofacial Research</i> , 2021, 11, 143-148.	0.8	3
9139	Gingiva-Derived Mesenchymal Stem Cells: Potential Application in Tissue Engineering and Regenerative Medicine -AA Comprehensive Review. <i>Frontiers in Immunology</i> , 2021, 12, 667221.	2.2	69
9140	Functional Properties of Human-Derived Mesenchymal Stem Cell Spheroids: A Meta-Analysis and Systematic Review. <i>Stem Cells International</i> , 2021, 2021, 1-12.	1.2	15
9141	MSC-Derived Extracellular Vesicles to Heal Diabetic Wounds: a Systematic Review and Meta-Analysis of Preclinical Animal Studies. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 968-979.	1.7	27
9142	Arrhythmogenic Cardiomyopathy Is a Multicellular Disease Affecting Cardiac and Bone Marrow Mesenchymal Stromal Cells. <i>Journal of Clinical Medicine</i> , 2021, 10, 1871.	1.0	10
9144	The tissue origin effect of extracellular vesicles on cartilage and bone regeneration. <i>Acta Biomaterialia</i> , 2021, 125, 253-266.	4.1	72
9145	Identification and characterisation of maternal perivascular SUSD2+ placental mesenchymal stem/stromal cells. <i>Cell and Tissue Research</i> , 2021, 385, 803-815.	1.5	7
9146	The 2020 NBA Orthobiologics Consensus Statement. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110022.	0.8	16
9147	Adipose-derived mesenchymal stem cells from obese mice prevent body weight gain and hyperglycemia. <i>Stem Cell Research and Therapy</i> , 2021, 12, 277.	2.4	6
9148	Osteogenic differentiation driven by osteoclasts and macrophages. <i>Journal of Immunology and Regenerative Medicine</i> , 2021, 12, 100044.	0.2	1

#	ARTICLE	IF	CITATIONS
9149	Dual Stem Cell Therapy Improves the Myocardial Recovery Post-Infarction through Reciprocal Modulation of Cell Functions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5631.	1.8	14
9150	Resistance of bone marrow stroma to genotoxic preconditioning is determined by p53. <i>Cell Death and Disease</i> , 2021, 12, 545.	2.7	0
9151	Development of Multilayer Mesenchymal Stem Cell Cell Sheets. <i>International Journal of Translational Medicine</i> , 2021, 1, 4-24.	0.1	0
9152	Derivation, characterization, and in vitro cell regeneration of canine white adipose tissue-derived mesenchymal stem cells obtained from a mesenteric region. <i>Journal of Basic and Applied Zoology</i> , 2021, 82, .	0.4	0
9153	Analysis of the efficiency of the application of cell therapy for local radiation injurie. <i>Medical Radiology and Radiation Safety</i> , 2021, 66, 69-78.	0.0	0
9154	MSC Manufacturing for Academic Clinical Trials: From a Clinical-Grade to a Full GMP-Compliant Process. <i>Cells</i> , 2021, 10, 1320.	1.8	34
9155	Crosstalk Between Mesenchymal Stromal Cells and Chondrocytes: The Hidden Therapeutic Potential for Cartilage Regeneration. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1647-1665.	1.7	8
9156	Allogeneic Mesenchymal Stromal Cell Injection to Alleviate Ischemic Heart Failure Following Arterial Switch Operation. <i>JACC: Case Reports</i> , 2021, 3, 724-727.	0.3	1
9157	Human Umbilical Cord-Derived Mesenchymal Stem Cells Promote Corneal Epithelial Repair In Vitro. <i>Cells</i> , 2021, 10, 1254.	1.8	20
9158	Differentiation capacity of dental pulp stem cell into inner ear hair cell using an in vitro assay: a preliminary step toward treating sensorineural hearing loss. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, , 1.	0.8	3
9159	New therapeutic approaches of mesenchymal stem cells-derived exosomes. <i>Journal of Biomedical Science</i> , 2021, 28, 39.	2.6	56
9160	Priming human adipose-derived mesenchymal stem cells for corneal surface regeneration. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5124-5137.	1.6	18
9161	Xenotransplantation of neonatal porcine bone marrow-derived mesenchymal stem cells improves murine hind limb ischemia through lymphangiogenesis and angiogenesis. <i>Xenotransplantation</i> , 2021, 28, e12693.	1.6	7
9162	Design and Validation of a Process Based on Cationic Niosomes for Gene Delivery into Novel Urine-Derived Mesenchymal Stem Cells. <i>Pharmaceutics</i> , 2021, 13, 696.	2.0	3
9163	Bone Cells Differentiation: How CFTR Mutations May Rule the Game of Stem Cells Commitment?. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 611921.	1.8	8
9164	Meflin defines mesenchymal stem cells and/or their early progenitors with multilineage differentiation capacity. <i>Genes To Cells</i> , 2021, 26, 495-512.	0.5	12
9165	Murine endometrial-derived mesenchymal stem cells suppress experimental autoimmune encephalomyelitis depending on indoleamine-2,3-dioxygenase expression. <i>Clinical Science</i> , 2021, 135, 1065-1082.	1.8	3
9166	Role of Fzd6 in Regulating the Osteogenic Differentiation of Adipose-derived Stem Cells in Osteoporotic Mice. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1889-1904.	1.7	5

#	ARTICLE	IF	CITATIONS
9167	Mesenchymal stem and non-stem cell surgery, rescue, and regeneration in glaucomatous optic neuropathy. <i>Stem Cell Research and Therapy</i> , 2021, 12, 275.	2.4	6
9169	Application Prospects of Mesenchymal Stem Cell Therapy for Bronchopulmonary Dysplasia and the Challenges Encountered. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	12
9170	Umbilical mesenchymal stem cell-derived extracellular vesicles as enzyme delivery vehicle to treat Morquio A fibroblasts. <i>Stem Cell Research and Therapy</i> , 2021, 12, 276.	2.4	5
9171	Cross-Talk Between Mesenchymal Stromal Cells (MSCs) and Endothelial Progenitor Cells (EPCs) in Bone Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 674084.	1.8	32
9172	Optimization of oxidative stress for mesenchymal stromal/stem cell engraftment, function and longevity. <i>Free Radical Biology and Medicine</i> , 2021, 167, 193-200.	1.3	13
9173	Impact of Syndecan-2-Selected Mesenchymal Stromal Cells on the Early Onset of Diabetic Cardiomyopathy in Diabetic db/db Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 632728.	1.1	4
9174	Stromal Heterogeneity in the Human Proliferative Endometrium—A Single-Cell RNA Sequencing Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 448.	1.1	30
9175	Advanced Strategies of Biomimetic Tissue-Engineered Grafts for Bone Regeneration. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100408.	3.9	66
9176	Bursa-Derived Cells Show a Distinct Mechano-Response to Physiological and Pathological Loading in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 657166.	1.8	3
9177	Neuroprotective response and efficacy of intravenous administration of mesenchymal stem cells in traumatic brain injury mice. <i>European Journal of Neuroscience</i> , 2021, 54, 4392-4407.	1.2	6
9178	Mesenchymal stem cell alongside exosomes as a novel cell-based therapy for COVID-19: A review study. <i>Clinical Immunology</i> , 2021, 226, 108712.	1.4	19
9179	Alteration of payload in extracellular vesicles by crosstalk with mesenchymal stem cells from different origin. <i>Journal of Nanobiotechnology</i> , 2021, 19, 148.	4.2	5
9180	Autologous stem cell therapy in knee osteoarthritis: a systematic review of randomised controlled trials. <i>British Journal of Sports Medicine</i> , 2021, 55, 1161-1169.	3.1	34
9181	Critical considerations for the development of potency tests for therapeutic applications of mesenchymal stromal cell-derived small extracellular vesicles. <i>Cytotherapy</i> , 2021, 23, 373-380.	0.3	125
9182	Progress of Interference of Traditional Chinese Medicine on Cirrhosis Treated with Bone Marrow Mesenchymal Stem Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-7.	0.5	0
9183	Adipose Tissue-Derived Stem Cell Yield Depends on Isolation Protocol and Cell Counting Method. <i>Cells</i> , 2021, 10, 1113.	1.8	11
9184	Extracellular vesicles containing miR-146a-5p secreted by bone marrow mesenchymal cells activate hepatocytic progenitors in regenerating rat livers. <i>Stem Cell Research and Therapy</i> , 2021, 12, 312.	2.4	9
9185	A Two-Stage Process for Differentiation of Wharton's Jelly-Derived Mesenchymal Stem Cells into Neuronal-like Cells. <i>Stem Cells International</i> , 2021, 2021, 1-17.	1.2	1

#	ARTICLE	IF	CITATIONS
9186	Proven and unproven cell therapies – what we have learned so far?. ISBT Science Series, 2021, 16, 213-218.	1.1	2
9187	Dental stem cell banking: Techniques and protocols. Cell Biology International, 2021, 45, 1851-1865.	1.4	9
9188	Microcarrier Screening and Evaluation for Dynamic Expansion of Human Periosteum-Derived Progenitor Cells in a Xenogeneic Free Medium. Frontiers in Bioengineering and Biotechnology, 2021, 9, 624890.	2.0	8
9189	A Chemically Defined, Xeno- and Blood-Free Culture Medium Sustains Increased Production of Small Extracellular Vesicles From Mesenchymal Stem Cells. Frontiers in Bioengineering and Biotechnology, 2021, 9, 619930.	2.0	7
9190	Bone Marrow Mesenchymal Stromal Cells in Multiple Myeloma: Their Role as Active Contributors to Myeloma Progression. Cancers, 2021, 13, 2542.	1.7	15
9191	Topical Application of Conditioned Medium from Hypoxically Cultured Amnion-Derived Mesenchymal Stem Cells Promotes Wound Healing in Diabetic Mice. Plastic and Reconstructive Surgery, 2021, 147, 1342-1352.	0.7	12
9192	Characterization of murine subacromial bursal-derived cells. Connective Tissue Research, 2022, 63, 287-297.	1.1	4
9193	Priming With Toll-Like Receptor 3 Agonist Poly(I:C) Enhances Content of Innate Immune Defense Proteins but Not MicroRNAs in Human Mesenchymal Stem Cell-Derived Extracellular Vesicles. Frontiers in Cell and Developmental Biology, 2021, 9, 676356.	1.8	21
9194	Novel Methods to Mobilize, Isolate, and Expand Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2021, 22, 5728.	1.8	8
9195	Bone marrow mesenchymal stromal cells in chronic myelomonocytic leukaemia: overactivated WNT/β-catenin signalling by parallel RNA sequencing and dysfunctional phenotypes. British Journal of Haematology, 2021, 193, 928-940.	1.2	4
9196	Oral Bone Tissue Regeneration: Mesenchymal Stem Cells, Secretome, and Biomaterials. International Journal of Molecular Sciences, 2021, 22, 5236.	1.8	55
9197	Safety and therapeutic potential of human bone marrow-derived mesenchymal stromal cells in regenerative medicine. Stem Cell Investigation, 2021, 8, 10-10.	1.3	13
9199	Mesenchymal Stromal Cells and Their Secretome: New Therapeutic Perspectives for Skeletal Muscle Regeneration. Frontiers in Bioengineering and Biotechnology, 2021, 9, 652970.	2.0	50
9200	Extracellular Vesicles from Mesenchymal Stem Cells as Potential Treatments for Osteoarthritis. Cells, 2021, 10, 1287.	1.8	19
9201	Generation of Therapeutically Potent Spheroids from Human Endometrial Mesenchymal Stem/Stromal Cells. Journal of Personalized Medicine, 2021, 11, 466.	1.1	5
9202	Development of Titanium Implants with a Rough Calcium Phosphate Surface to Control the Morphofunctional State of Stem Cells. Key Engineering Materials, 0, 887, 40-45.	0.4	0
9203	Identification of Putative Markers That Predict the In Vitro Senescence of Mesenchymal Progenitor Cells. Cells, 2021, 10, 1301.	1.8	3
9204	Characterization of stable hypoxia-preconditioned dental pulp stem cells compared with mobilized dental pulp stem cells for application for pulp regenerative therapy. Stem Cell Research and Therapy, 2021, 12, 302.	2.4	20

#	ARTICLE	IF	CITATIONS
9205	Role of ex vivo Expanded Mesenchymal Stromal Cells in Determining Hematopoietic Stem Cell Transplantation Outcome. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 663316.	1.8	15
9206	Expanded Mesenchymal Stromal Cells in knee osteoarthritis: A systematic literature review. <i>ReumatologĀa ClĀnica (English Edition)</i> , 2022, 18, 49-55.	0.2	2
9207	Comparison of the Donor Age-Dependent and In Vitro Culture-Dependent Mesenchymal Stem Cell Aging in Rat Model. <i>Stem Cells International</i> , 2021, 2021, 1-16.	1.2	14
9208	Fisetin Inhibits Osteogenic Differentiation of Mesenchymal Stem Cells via the Inhibition of YAP. <i>Antioxidants</i> , 2021, 10, 879.	2.2	10
9210	Application potential of three-dimensional silk fibroin scaffold using mesenchymal stem cells for cardiac regeneration. <i>Journal of Biomaterials Applications</i> , 2021, 36, 740-753.	1.2	5
9211	Influence of Sucrose on the Efficiency of Cryopreservation of Human Umbilical Cord-Derived Multipotent Stromal Cells with the Use of Various Penetrating Cryoprotectants. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 171, 150-155.	0.3	2
9212	Towards the standardization of methods of tissue processing for the isolation of mesenchymal stromal cells for clinical use. <i>Cytotechnology</i> , 2021, 73, 513-522.	0.7	14
9213	Mesenchymal stromal cell variables influencing clinical potency: the impact of viability, fitness, route of administration and host predisposition. <i>Cytotherapy</i> , 2021, 23, 368-372.	0.3	45
9214	Potential of Mesenchymal Stem Cells in the Rejuvenation of the Aging Immune System. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5749.	1.8	7
9215	A Blood Bank Standardized Production of Human Platelet Lysate for Mesenchymal Stromal Cell Expansion: Proteomic Characterization and Biological Effects. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 650490.	1.8	6
9216	Identification of a clinical signature predictive of differentiation fate of human bone marrow stromal cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 265.	2.4	8
9217	Mesenchymal stem cells: a brief review of classic concepts and new factors of osteogenic differentiation. <i>Medical Immunology (Russia)</i> , 2021, 23, 207-222.	0.1	1
9218	Mesenchymal Stem Cells for Cardiac Regeneration: from Differentiation to Cell Delivery. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1666-1694.	1.7	17
9219	Human bone marrow-derived, pooled, allogeneic mesenchymal stromal cells manufactured from multiple donors at different times show comparable biological functions in vitro, and in vivo to repair limb ischemia. <i>Stem Cell Research and Therapy</i> , 2021, 12, 279.	2.4	9
9220	Paving the way towards an effective treatment for multiple sclerosis: advances in cell therapy. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1353-1374.	4.8	22
9221	Fe ₃ O ₄ @Polydopamine-Labeled MSCs Targeting the Spinal Cord to Treat Neuropathic Pain Under the Guidance of a Magnetic Field. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3275-3292.	3.3	10
9222	Antioxidant Ascorbic Acid Modulates NLRP3 Inflammasome in LPS-G Treated Oral Stem Cells through NFĀB/Caspase-1/IL-1Ā Pathway. <i>Antioxidants</i> , 2021, 10, 797.	2.2	17
9223	Advances in Mesenchymal Stem Cell Therapy for Immune and Inflammatory Diseases: Use of Cell-Free Products and Human pluripotent Stem Cell-Derived Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1288-1303.	1.6	52

#	ARTICLE	IF	CITATIONS
9224	Allogeneic human umbilical cord-derived mesenchymal stem/stromal cells for chronic obstructive pulmonary disease (COPD): study protocol for a matched caseâ€“control, phase I/II trial. <i>BMJ Open</i> , 2021, 11, e045788.	0.8	5
9225	Carbohydrate sulfotransferase 3 (CHST3) overexpression promotes cartilage endplateâ€“derived stem cells (CESCs) to regulate molecular mechanisms related to repair of intervertebral disc degeneration by rat nucleus pulposus. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6006-6017.	1.6	7
9226	Omega-3 fatty acid-rich fish oil supplementation prevents rosiglitazone-induced osteopenia in aging C57BL/6 mice and in vitro studies. <i>Scientific Reports</i> , 2021, 11, 10364.	1.6	10
9227	Ex Vivo Mesenchymal Stem Cell Therapy to Regenerate Machine Perfused Organs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5233.	1.8	8
9228	Extracellular Vesicles for the Treatment of Radiation Injuries. <i>Frontiers in Pharmacology</i> , 2021, 12, 662437.	1.6	7
9229	Mechanical loading and the control of stem cell behavior. <i>Archives of Oral Biology</i> , 2021, 125, 105092.	0.8	15
9231	Allogenic Use of Human Placenta-Derived Stromal Cells as a Highly Active Subtype of Mesenchymal Stromal Cells for Cell-Based Therapies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5302.	1.8	21
9232	Mesenchymal stem cell carriers enhance antitumor efficacy induced by oncolytic reovirus in acute myeloid leukemia. <i>International Immunopharmacology</i> , 2021, 94, 107437.	1.7	6
9233	Simulated Microgravity Remodels Extracellular Matrix of Osteocommitted Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5428.	1.8	5
9234	Naringinâ€“inlaid silk fibroin/hydroxyapatite scaffold enhances human umbilical cordâ€“derived mesenchymal stem cellâ€“based bone regeneration. <i>Cell Proliferation</i> , 2021, 54, e13043.	2.4	33
9235	Isolation and characterization of bone marrow-derived mesenchymal stem cells in <i>Xenopus laevis</i> . <i>Stem Cell Research</i> , 2021, 53, 102341.	0.3	2
9236	Using Big Data Analytics on Health Industry Development: The Empirical Intellectual Property Analysis from Stem Cell Therapy. , 2021, , .		1
9237	Splenic macrophage phagocytosis of intravenously infused mesenchymal stromal cells attenuates tumor localization. <i>Cytotherapy</i> , 2021, 23, 411-422.	0.3	4
9238	Key Markers and Epigenetic Modifications of Dental-Derived Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2021, 2021, 1-25.	1.2	4
9239	Bone Marrow Multipotent Mesenchymal Stromal Cells as Autologous Therapy for Osteonecrosis: Effects of Age and Underlying Causes. <i>Bioengineering</i> , 2021, 8, 69.	1.6	9
9240	Singleâ€“cell transcriptome profiling reveals molecular heterogeneity in human umbilical cord tissue and cultureâ€“expanded mesenchymal stem cells. <i>FEBS Journal</i> , 2021, 288, 5311-5330.	2.2	11
9241	Mesenchymal Stem Cells in Gastric Cancer: Vicious but Hopeful. <i>Frontiers in Oncology</i> , 2021, 11, 617677.	1.3	7
9242	A single-cell atlas of human teeth. <i>IScience</i> , 2021, 24, 102405.	1.9	63

#	ARTICLE	IF	CITATIONS
9243	Novel cell sources for bone regeneration. <i>MedComm</i> , 2021, 2, 145-174.	3.1	10
9245	The Micro-RNA Cargo of Extracellular Vesicles Released by Human Adipose Tissue-Derived Mesenchymal Stem Cells Is Modified by Obesity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 660851.	1.8	21
9246	Roles of Dental Mesenchymal Stem Cells in the Management of Immature Necrotic Permanent Teeth. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 666186.	1.8	8
9247	Combination of Mesenchymal Stem Cell-Delivered Oncolytic Virus with Prodrug Activation Increases Efficacy and Safety of Colorectal Cancer Therapy. <i>Biomedicines</i> , 2021, 9, 548.	1.4	10
9248	Osteogenic Potential of Mesenchymal Stem Cells from Adipose Tissue, Bone Marrow and Hair Follicle Outer Root Sheath in a 3D Crosslinked Gelatin-Based Hydrogel. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5404.	1.8	2
9249	Proteins Marking the Sequence of Genotoxic Signaling from Irradiated Mesenchymal Stromal Cells to CD34+ Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5844.	1.8	2
9250	Biofabrication of a Tubular Model of Human Urothelial Mucosa Using Human Wharton Jelly Mesenchymal Stromal Cells. <i>Polymers</i> , 2021, 13, 1568.	2.0	3
9251	Functional differences of Toll-like receptor 4 in osteogenesis, adipogenesis and chondrogenesis in human bone marrow-derived mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5138-5149.	1.6	7
9252	The Emerging Role of the Innate Immune Response in Idiosyncratic Drug Reactions. <i>Pharmacological Reviews</i> , 2021, 73, 861-896.	7.1	18
9253	Novel cell-based therapies in inflammatory bowel diseases: the established concept, promising results. <i>Human Cell</i> , 2021, 34, 1289-1300.	1.2	18
9254	Effect of myricetin on odontoblast-like cells and its potential to preserve resin-dentin Bonds. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 117, 104392.	1.5	6
9255	Abnormalities in reparative function of lung-derived mesenchymal stromal cells in emphysema. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L832-L844.	1.3	14
9256	Chemotactic and Angiogenic Potential of Mineralized Collagen Scaffolds Functionalized with Naturally Occurring Bioactive Factor Mixtures to Stimulate Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5836.	1.8	8
9257	Mesenchymal Stem Cells in Preclinical Infertility Cytotherapy: A Retrospective Review. <i>Stem Cells International</i> , 2021, 2021, 1-12.	1.2	5
9258	Apoptotic vesicles restore liver macrophage homeostasis to counteract type 2 diabetes. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12109.	5.5	90
9259	Human myoblasts differentiate in various mesenchymal lineages and inhibit allogeneic T cell proliferation through an indolamine 2,3 dioxygenase dependent pathway. <i>Experimental Cell Research</i> , 2021, 403, 112586.	1.2	3
9260	SERS Imaging of Mesenchymal Stromal Cell Differentiation. <i>ACS Applied Bio Materials</i> , 2021, 4, 4999-5007.	2.3	7
9261	The Macrophage Response Is Driven by Mesenchymal Stem Cell-Mediated Metabolic Reprogramming. <i>Frontiers in Immunology</i> , 2021, 12, 624746.	2.2	25

#	ARTICLE	IF	CITATIONS
9262	Consensus International Council for Commonality in Blood Banking Automationâ€“International Society for Cell & Gene Therapy statement on standard nomenclature abbreviations for the tissue of origin of mesenchymal stromal cells. <i>Cytotherapy</i> , 2021, 23, 1060-1063.	0.3	15
9263	Human stem cells â€“ sources, sourcing and in vitro methods. <i>Medical Journal of Cell Biology (discontinued)</i> , 2021, 9, 73-85.	0.2	1
9265	Sertoli Cells Possess Immunomodulatory Properties and the Ability of Mitochondrial Transfer Similar to Mesenchymal Stromal Cells. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1905-1916.	1.7	10
9266	Does TBC1D4 (AS160) or TBC1D1 Deficiency Affect the Expression of Fatty Acid Handling Proteins in the Adipocytes Differentiated from Human Adipose-Derived Mesenchymal Stem Cells (ADMSCs) Obtained from Subcutaneous and Visceral Fat Depots?. <i>Cells</i> , 2021, 10, 1515.	1.8	6
9267	The Gingiva from the Tissue Surrounding the Bone to the Tissue Regenerating the Bone: A Systematic Review of the Osteogenic Capacity of Gingival Mesenchymal Stem Cells in Preclinical Studies. <i>Stem Cells International</i> , 2021, 2021, 1-26.	1.2	5
9268	Cyclic tensile strain affects the response of human periodontal ligament stromal cells to tumor necrosis factor- α . <i>Clinical Oral Investigations</i> , 2021, , 1.	1.4	1
9269	Human mesenchymal stem cells for the management of systemic sclerosis. Systematic review. <i>Autoimmunity Reviews</i> , 2021, 20, 102831.	2.5	9
9270	Can Human Oral Mucosa Stem Cells Differentiate to Corneal Epithelia?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5976.	1.8	10
9271	Apoptotic mesenchymal stromal cells support osteoclastogenesis while inhibiting multinucleated giant cells formation in vitro. <i>Scientific Reports</i> , 2021, 11, 12144.	1.6	6
9272	BMSC-derived extracellular vesicles intervened the pathogenic changes of scleroderma in mice through miRNAs. <i>Stem Cell Research and Therapy</i> , 2021, 12, 327.	2.4	21
9274	Review of the potential of mesenchymal stem cells for the treatment of infectious diseases. <i>World Journal of Stem Cells</i> , 2021, 13, 568-593.	1.3	13
9275	Assessment of the Bone Healing Process Mediated by Periosteum-Derived Mesenchymal Stem Cellsâ€™ Secretome and a Xenogenic Bioceramicâ€“An In Vivo Study in the Rabbit Critical Size Calvarial Defect Model. <i>Materials</i> , 2021, 14, 3512.	1.3	5
9276	Myeloid-Derived Suppressor Cells and Mesenchymal Stem/Stromal Cells in Myeloid Malignancies. <i>Journal of Clinical Medicine</i> , 2021, 10, 2788.	1.0	15
9277	Interplay between mesenchymal stromal cells and immune system: clinical applications in immune-related diseases. <i>Exploration of Immunology</i> , 0, , .	1.7	5
9278	Gene and Cell Therapy in Dental Tissue Regeneration. , 0, , .		0
9280	The Effect of a 7 Year-Long Cryopreservation on Stemness Features of Canine Adipose-Derived Mesenchymal Stem Cells (cAD-MSC). <i>Animals</i> , 2021, 11, 1755.	1.0	2
9281	Scaleâ€“up of an intensified bioprocess for the expansion of bovine adiposeâ€“derived stem cells (bASCs) in stirred tank bioreactors. <i>Biotechnology and Bioengineering</i> , 2021, 118, 3175-3186.	1.7	16
9282	Bone marrow mesenchymal stem cells and their derived exosomes resolve doxorubicin-induced chemobrain: critical role of their miRNA cargo. <i>Stem Cell Research and Therapy</i> , 2021, 12, 322.	2.4	18

#	ARTICLE	IF	CITATIONS
9283	Efficacy of Photobiomodulation and Vitamin D on Odontogenic Activity of Human Dental Pulp Stem Cells. <i>Journal of Lasers in Medical Sciences</i> , 2021, 12, e30-e30.	0.4	4
9284	Novel low shear 3D bioreactor for high purity mesenchymal stem cell production. <i>PLoS ONE</i> , 2021, 16, e0252575.	1.1	4
9285	Mesoporous Silica Based Nanostructures for Bone Tissue Regeneration. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	28
9286	Adipose Tissue-Derived Mesenchymal Stem Cells (ADMSCs) and ADMSC-Derived Secretome Expedited Wound Healing in a Rodent Model " A Preliminary Study. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2021, Volume 14, 753-764.	0.8	18
9287	The rise in expression and activity of 11 β -HSD1 in human mesenchymal progenitor cells induces adipogenesis through increased local cortisol synthesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 210, 105850.	1.2	3
9288	Human umbilical cord tissue-derived mesenchymal stromal cells as adjuvant therapy for myocardial infarction: a review of current evidence focusing on pre-clinical large animal models and early human trials. <i>Cytotherapy</i> , 2021, 23, 974-979.	0.3	9
9289	A narrative overview of utilizing biomaterials to recapitulate the salient regenerative features of dental-derived mesenchymal stem cells. <i>International Journal of Oral Science</i> , 2021, 13, 22.	3.6	12
9290	TCF21+ mesenchymal cells contribute to testis somatic cell development, homeostasis, and regeneration in mice. <i>Nature Communications</i> , 2021, 12, 3876.	5.8	27
9291	Public Opinion and Expectations of Stem Cell Therapies in Orthopaedics. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 3510-3517.e2.	1.3	6
9292	A Systematic Review and Meta-Analysis of Cell-Based Interventions in Experimental Diabetic Kidney Disease. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1304-1319.	1.6	17
9293	Biodistribution of Mesenchymal Stromal Cells after Administration in Animal Models and Humans: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 2925.	1.0	44
9294	Tissue Engineering Strategies for Improving Beta Cell Transplantation Outcome. <i>Current Transplantation Reports</i> , 2021, 8, 205-219.	0.9	6
9295	Characterisation of mesenchymal stromal cells in clinical trial reports: analysis of published descriptors. <i>Stem Cell Research and Therapy</i> , 2021, 12, 360.	2.4	26
9296	Comparison of chondrogenesis-related biological behaviors between human urine-derived stem cells and human bone marrow mesenchymal stem cells from the same individual. <i>Stem Cell Research and Therapy</i> , 2021, 12, 366.	2.4	28
9297	The Potential Use of Mesenchymal Stem Cells and Their Derived Exosomes for Orthopedic Diseases Treatment. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 933-951.	1.7	50
9298	Type 2 Diabetes Mellitus Duration and Obesity alter the Efficacy of Autologously Transplanted Bone Marrow-derived Mesenchymal Stem/Stromal Cells. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1266-1278.	1.6	27
9299	A Living Cell Repository of the Cranio-/Orofacial Region to Advance Research and Promote Personalized Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 682944.	1.8	4
9300	Fabrication of Graphene oxide-Fe ₃ O ₄ nanocomposites for application in bone regeneration and treatment of leukemia. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102412.	1.4	3

#	ARTICLE	IF	CITATIONS
9301	Cell-Based Therapies for Traumatic Brain Injury: Therapeutic Treatments and Clinical Trials. <i>Biomedicines</i> , 2021, 9, 669.	1.4	27
9302	A procedure for in vitro evaluation of the immunosuppressive effect of mouse mesenchymal stem cells on activated T cell proliferation. <i>Stem Cell Research and Therapy</i> , 2021, 12, 319.	2.4	12
9303	Awareness and Attitude towards Dental Pulp Stem Cell Banking among Malaysians. <i>Health Policy and Technology</i> , 2021, 10, 100502.	1.3	0
9304	Regenerative medicine for digestive fistulae therapy: Benefits, challenges and promises of stem/stromal cells and emergent perspectives via their extracellular vesicles. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 113841.	6.6	5
9305	Adipose Tissue: Understanding the Heterogeneity of Stem Cells for Regenerative Medicine. <i>Biomolecules</i> , 2021, 11, 918.	1.8	50
9306	Human Granulosa Cells' Stemness Properties, Molecular Cross-Talk and Follicular Angiogenesis. <i>Cells</i> , 2021, 10, 1396.	1.8	42
9307	Combining stem cells in myocardial infarction: The road to superior repair?. <i>Medicinal Research Reviews</i> , 2022, 42, 343-373.	5.0	23
9308	Safety and Efficacy of Co-transplantation of Hematopoietic Stem Cells Combined With Human Umbilical Cord-Derived Mesenchymal Stem Cells in Children With Severe Aplastic Anemia: A Single-Center Experience. <i>Experimental and Clinical Transplantation</i> , 2022, 20, 1114-1121.	0.2	3
9310	From Mesenchymal Stromal/Stem Cells to Insulin-Producing Cells: Immunological Considerations. <i>Frontiers in Immunology</i> , 2021, 12, 690623.	2.2	12
9311	Bone Regeneration Improves with Mesenchymal Stem Cell Derived Extracellular Vesicles (EVs) Combined with Scaffolds: A Systematic Review. <i>Biology</i> , 2021, 10, 579.	1.3	10
9312	Osteogenic differentiation of human mesenchymal stromal cells and fibroblasts differs depending on tissue origin and replicative senescence. <i>Scientific Reports</i> , 2021, 11, 11968.	1.6	11
9313	Bone marrow stromal cells (BMSCs) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 312 Td (CD45⁺/CD44⁺) osteoporotic mice SAM/P6 as a novel model for osteoporosis investigation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6634-6651.	1.6	14
9314	Protein-free solution containing trehalose and dextran 40 for cryopreservation of human adipose tissue-derived mesenchymal stromal cells. <i>Cryobiology</i> , 2021, 100, 46-57.	0.3	10
9315	Mesenchymal Stem Cells Engineered by Nonviral Vectors: A Powerful Tool in Cancer Gene Therapy. <i>Pharmaceutics</i> , 2021, 13, 913.	2.0	9
9316	Meta-Analysis of Adipose Tissue Derived Cell-Based Therapy for the Treatment of Knee Osteoarthritis. <i>Cells</i> , 2021, 10, 1365.	1.8	30
9317	Proteomic Analysis Reveals Commonly Secreted Proteins of Mesenchymal Stem Cells Derived from Bone Marrow, Adipose Tissue, and Synovial Membrane to Show Potential for Cartilage Regeneration in Knee Osteoarthritis. <i>Stem Cells International</i> , 2021, 2021, 1-18.	1.2	8
9318	Chicken Mesenchymal Stem Cells and Their Applications: A Mini Review. <i>Animals</i> , 2021, 11, 1883.	1.0	7
9319	Sinking Our Teeth in Getting Dental Stem Cells to Clinics for Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6387.	1.8	11

#	ARTICLE	IF	CITATIONS
9320	The Multi-Therapeutic Role of MSCs in Diabetic Nephropathy. <i>Frontiers in Endocrinology</i> , 2021, 12, 671566.	1.5	18
9321	Inverse and reciprocal regulation of p53/p21 and Bmi-1 modulates vasculogenic differentiation of dental pulp stem cells. <i>Cell Death and Disease</i> , 2021, 12, 644.	2.7	20
9322	Long non-coding RNA exploration for mesenchymal stem cell characterisation. <i>BMC Genomics</i> , 2021, 22, 412.	1.2	3
9323	Exosomes as Naturally Occurring Vehicles for Delivery of Biopharmaceuticals: Insights from Drug Delivery to Clinical Perspectives. <i>Nanomaterials</i> , 2021, 11, 1481.	1.9	74
9324	Individual heterogeneity screened umbilical cord-derived mesenchymal stromal cells with high Treg promotion demonstrate improved recovery of mouse liver fibrosis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 359.	2.4	15
9325	Advantages and challenges of stem cell therapy for osteoarthritis (Review). <i>Biomedical Reports</i> , 2021, 15, 67.	0.9	24
9326	Adipose-Derived Stem Cells Secretome and Its Potential Application in "Stem Cell-Free Therapy". <i>Biomolecules</i> , 2021, 11, 878.	1.8	80
9327	Adipsin promotes bone marrow adiposity by priming mesenchymal stem cells. <i>ELife</i> , 2021, 10, .	2.8	32
9328	Application of Stem Cell Therapy for Infertility. <i>Cells</i> , 2021, 10, 1613.	1.8	43
9329	Progress in Mesenchymal Stem Cell Therapy for Ischemic Stroke. <i>Stem Cells International</i> , 2021, 2021, 1-24.	1.2	29
9331	MicroRNAs as Important Regulators Mediate the Multiple Differentiation of Mesenchymal Stromal Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 619842.	1.8	18
9332	Biological, chemical and mechanical factors regulating migration and homing of mesenchymal stem cells. <i>World Journal of Stem Cells</i> , 2021, 13, 619-631.	1.3	18
9333	Recent trends in stem cell-based therapies and applications of artificial intelligence in regenerative medicine. <i>World Journal of Stem Cells</i> , 2021, 13, 521-541.	1.3	16
9334	Liver Disease: Induction, Progression, Immunological Mechanisms, and Therapeutic Interventions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6777.	1.8	23
9335	EVALUATION OF THE ANTIOXIDANT, CYTOTOXIC AND ANTITUMORAL ACTIVITIES OF A POLYPHENOLIC EXTRACT OF ROBINIA PSEUDOACACIA L. FLOWERS. <i>Journal of Science and Arts</i> , 2021, 21, 547-556.	0.1	4
9336	Methylmercury-induced cytotoxicity and oxidative biochemistry impairment in dental pulp stem cells: the first toxicological findings. <i>PeerJ</i> , 2021, 9, e11114.	0.9	2
9337	Invari�ncia fatorial, sensibilidade e diferen�as da medida de ansiedade, estresse e depress�o (DASS-21) em trabalhadores brasileiros. <i>Research, Society and Development</i> , 2021, 10, e26910715572.	0.0	2
9338	Intestinal mesenchymal cells regulate immune responses and promote epithelial regeneration in vitro and in dextran sulfate sodium�induced experimental colitis in mice. <i>Acta Physiologica</i> , 2021, 233, e13699.	1.8	9

#	ARTICLE	IF	CITATIONS
9339	Analyzing Olfactory Neuron Precursors Non-Invasively Isolated through NADH FLIM as a Potential Tool to Study Oxidative Stress in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6311.	1.8	7
9340	Alterations of epigenetic regulators and P53 mutations in murine mesenchymal stem cell cultures: A possible mechanism of spontaneous transformation. <i>Cancer Biomarkers</i> , 2021, 32, 1-11.	0.8	0
9341	Immune modulation via adipose derived Mesenchymal Stem cells is driven by donor sex in vitro. <i>Scientific Reports</i> , 2021, 11, 12454.	1.6	29
9342	Transduction Enhancers Enable Efficient Human Adenovirus Type 5-Mediated Gene Transfer into Human Multipotent Mesenchymal Stromal Cells. <i>Viruses</i> , 2021, 13, 1136.	1.5	4
9343	Calcium Chelidonate: Semi-Synthesis, Crystallography, and Osteoinductive Activity In Vitro and In Vivo. <i>Pharmaceuticals</i> , 2021, 14, 579.	1.7	3
9344	Importance of the origin of mesenchymal (stem) stromal cells in cancer biology: alliance or war in intercellular signals. <i>Cell and Bioscience</i> , 2021, 11, 109.	2.1	17
9345	IRF2-mediated upregulation of lncRNA HHAS1 facilitates the osteogenic differentiation of bone marrow-derived mesenchymal stem cells by acting as a competing endogenous RNA. <i>Clinical and Translational Medicine</i> , 2021, 11, e429.	1.7	14
9346	Mesenchymal Stem Cells as a Gene Delivery Tool: Promise, Problems, and Prospects. <i>Pharmaceutics</i> , 2021, 13, 843.	2.0	15
9347	Benchtop Isolation and Characterisation of Small Extracellular Vesicles from Human Mesenchymal Stem Cells. <i>Molecular Biotechnology</i> , 2021, 63, 780-791.	1.3	31
9348	Mesenchymal stem/stromal cell-based therapy for the treatment of rheumatoid arthritis: An update on preclinical studies. <i>EBioMedicine</i> , 2021, 69, 103427.	2.7	26
9349	Ultrasound-Guided Harvesting of Synovium for Regenerative Medicine of Cartilage and Meniscus Using Synovial Mesenchymal Stem Cells. <i>Arthroscopy Techniques</i> , 2021, 10, e1723-e1727.	0.5	3
9350	The Role of Macrophage Migration Inhibitory Factor in Adipose-Derived Stem Cells Under Hypoxia. <i>Frontiers in Physiology</i> , 2021, 12, 638448.	1.3	6
9351	Engineering microenvironments for manufacturing therapeutic cells. <i>Experimental Biology and Medicine</i> , 2021, 246, 1845-1856.	1.1	6
9352	miR-129-5p Promotes Osteogenic Differentiation of BMSCs and Bone Regeneration via Repressing Dkk3. <i>Stem Cells International</i> , 2021, 2021, 1-18.	1.2	16
9353	Adipose Tissue- and Bone Marrow-Derived Mesenchymal Stem Cells from Sheep: Culture Characteristics. <i>Animals</i> , 2021, 11, 2153.	1.0	14
9355	ULTRASTRUCTURAL ANALYSIS OF SCIATIC NERVE IN MICE WITH PERIPHERAL NEUROPATHY AFTER TRANSPLANTATION OF ADIPOSE-DERIVED MULTIPOLENT MESENCHYMAL STROMAL CELLS. <i>Fiziolohichni Zhurnal (Kiev, Ukraine: 1994)</i> , 2021, 67, 17-26.	0.1	1
9356	Characterization of the stemness and osteogenic potential of oral and sinus mucosal cells. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 652-659.	0.8	3
9357	Photothermal release and recovery of mesenchymal stem cells from substrates functionalized with gold nanorods. <i>Acta Biomaterialia</i> , 2021, 129, 110-121.	4.1	2

#	ARTICLE	IF	CITATIONS
9358	The Effect of Liposomal Curcumin as an Anti-Inflammatory Strategy on Lipopolysaccharide e from Porphyromonas gingivalis Treated Endothelial Committed Neural Crest Derived Stem Cells: Morphological and Molecular Mechanisms. International Journal of Molecular Sciences, 2021, 22, 7534.	1.8	16
9359	Made to Measure: Patient-Tailored Treatment of Multiple Sclerosis Using Cell-Based Therapies. International Journal of Molecular Sciences, 2021, 22, 7536.	1.8	6
9360	Assessing the effect of human dental pulp mesenchymal stem cell secretome on human oral, breast, and melanoma cancer cell lines. Saudi Journal of Biological Sciences, 2021, 28, 6556-6567.	1.8	11
9361	Suspension of Amorphous Calcium Phosphate Nanoparticles Impact Commitment of Human Adipose-Derived Stem Cells In Vitro. Biology, 2021, 10, 675.	1.3	1
9362	The Expression Pattern of Surface Markers in Canine Adipose-Derived Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2021, 22, 7476.	1.8	7
9363	Autologous cell therapy in diabetes-associated critical limb ischemia: From basic studies to clinical outcomes (Review). International Journal of Molecular Medicine, 2021, 48, .	1.8	17
9364	Angiogenic potential of hypoxia preconditioned human adipose and umbilical cord-derived mesenchymal stem cells: a comparative study. Minerva Biotechnology and Biomolecular Research, 2021, 33, .	0.3	1
9365	Pyrroline-5-Carboxylate Reductase 1 Directs the Cartilage Protective and Regenerative Potential of Murphy Roths Large Mouse Mesenchymal Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 604756.	1.8	6
9366	The effect of erythropoietin and umbilical cord-derived mesenchymal stem cells on nerve regeneration in rats with sciatic nerve injury. Journal of Chemical Neuroanatomy, 2021, 114, 101958.	1.0	6
9367	A cell surface-reducing microenvironment induces early osteogenic commitment. FEBS Letters, 2021, 595, 2147-2159.	1.3	2
9368	Mesenchymal stem cells from different sources show distinct therapeutic effects in hyperoxia-induced bronchopulmonary dysplasia in rats. Journal of Cellular and Molecular Medicine, 2021, 25, 8558-8566.	1.6	9
9369	Transcriptional Profile of Cytokines, Regulatory Mediators and TLR in Mesenchymal Stromal Cells after Inflammatory Signaling and Cell-Passaging. International Journal of Molecular Sciences, 2021, 22, 7309.	1.8	9
9370	Chondrogenic Characteristics of Auricular Chondrocytes Cocultured With Adipose-Derived Stem Cells are Superior to Stromal Vascular Fraction of Adipose Tissue. Journal of Craniofacial Surgery, 2021, Publish Ahead of Print, 2906-2911.	0.3	0
9371	Mesenchymal stem cells derived from human dental follicle modulate the aberrant immune response in atopic dermatitis. Immunotherapy, 2021, 13, 825-840.	1.0	3
9372	Case Report: Human Umbilical Cord Mesenchymal Stem Cells as a Therapeutic Intervention for a Critically Ill COVID-19 Patient. Frontiers in Medicine, 2021, 8, 691329.	1.2	9
9373	Polycaprolactone/Polyethylene Glycol Blended with Dipsacus asper Wall Extract Nanofibers Promote Osteogenic Differentiation of Periodontal Ligament Stem Cells. Polymers, 2021, 13, 2245.	2.0	8
9374	A focus on allogeneic mesenchymal stromal cells as a versatile therapeutic tool for treating multiple sclerosis. Stem Cell Research and Therapy, 2021, 12, 400.	2.4	9
9375	Is there a place for mesenchymal stromal cell-based therapies in the therapeutic armamentarium against COVID-19?. Stem Cell Research and Therapy, 2021, 12, 425.	2.4	15

#	ARTICLE	IF	CITATIONS
9376	MSC-Derived Extracellular Vesicles in Preclinical Animal Models of Bone Injury: A Systematic Review and Meta-Analysis. <i>Stem Cell Reviews and Reports</i> , 2021, , 1.	1.7	7
9377	Connexins in the development and physiology of stem cells. <i>Tissue Barriers</i> , 2021, 9, 1949242.	1.6	4
9378	Placenta derived Mesenchymal Stem Cells transplantation in Type 1 diabetes: preliminary report of phase 1 clinical trial. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1179-1189.	0.8	6
9379	Latent Tri-lineage Potential of Human Menstrual Blood-Derived Mesenchymal Stromal Cells Revealed by Specific In Vitro Culture Conditions. <i>Molecular Neurobiology</i> , 2021, 58, 5194-5209.	1.9	8
9380	Mesenchymal Stromal Cells Perspective: New Potential Therapeutic for the Treatment of Neurological Diseases. <i>Pharmaceutics</i> , 2021, 13, 1159.	2.0	7
9381	Immunomodulatory effects of phytosomal curcumin on related micro RNAs , CD200 expression and inflammatory pathways in dental pulp stem cells. <i>Cell Biochemistry and Function</i> , 2021, 39, 886-895.	1.4	13
9382	Comparative study of three types of mesenchymal stem cell to differentiate into pancreatic β -like cells <i>in vitro</i> . <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 936.	0.8	6
9383	Current Status on Canine Foetal Fluid and Adnexa Derived Mesenchymal Stem Cells. <i>Animals</i> , 2021, 11, 2254.	1.0	2
9384	Mesenchymal Stem Cells Can Both Enhance and Inhibit the Cellular Response to DNA Immunization by Genes of Nonstructural Proteins of the Hepatitis C Virus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8121.	1.8	3
9385	Adrenergic receptor behaviors of mesenchymal stem cells obtained from different tissue sources and the effect of the receptor blockade on differentiation. <i>Journal of Receptor and Signal Transduction Research</i> , 2022, 42, 349-360.	1.3	4
9386	Caracterizaç�o e viabilidade da fraç�o vascular estromal proveniente da bola adiposa de Bichat associada ao plasma pobre em plaquetas - uma opç�o para tratamentos est�ticos. <i>Research, Society and Development</i> , 2021, 10, e37010817341.	0.0	0
9387	Estrat�gias para a melhoria da efici�ncia do cultivo folicular in vitro: Import�ncia da suplementaç�o do meio e estudo das alteraç�es epigen�ticas. <i>Research, Society and Development</i> , 2021, 10, e22910918022.	0.0	2
9388	Type II Collagen-Conjugated Mesenchymal Stem Cells Micromass for Articular Tissue Targeting. <i>Biomedicines</i> , 2021, 9, 880.	1.4	3
9389	Induction of the CD24 Surface Antigen in Primary Undifferentiated Human Adipose Progenitor Cells by the Hedgehog Signaling Pathway. <i>Biologics</i> , 2021, 1, 129-153.	2.3	0
9390	Current and Emerging Approaches for Hepatic Fibrosis Treatment. <i>Gastroenterology Research and Practice</i> , 2021, 2021, 1-13.	0.7	9
9391	Evaluation of the Effects of Human Dental Pulp Stem Cells on the Biological Phenotype of Hypertrophic Keloid Fibroblasts. <i>Cells</i> , 2021, 10, 1803.	1.8	5
9392	First immunohistochemical evidence of human tendon repair following stem cell injection: A case report and review of literature. <i>World Journal of Stem Cells</i> , 2021, 13, 944-970.	1.3	13
9393	Mesenchymal Stromal Cell-Conditioned Medium for Skin Diseases: A Systematic Review. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 654210.	1.8	30

#	ARTICLE	IF	CITATIONS
9394	Stem Cell Niche Microenvironment: Review. <i>Bioengineering</i> , 2021, 8, 108.	1.6	16
9395	Human Amniotic Mesenchymal Stromal Cells Support the ex Vivo Expansion of Cord Blood Hematopoietic Stem Cells. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1516-1529.	1.6	5
9396	Feasibility of bone marrow mesenchymal stem cells harvesting from forearm bone. <i>Heliyon</i> , 2021, 7, e07639.	1.4	1
9397	Alloreactive Immune Response Associated to Human Mesenchymal Stromal Cells Treatment: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 2991.	1.0	17
9398	Cellular senescence in vascular wall mesenchymal stromal cells, a possible contribution to the development of aortic aneurysm. <i>Mechanisms of Ageing and Development</i> , 2021, 197, 111515.	2.2	11
9399	Dissecting the Role of Mesenchymal Stem Cells in Idiopathic Pulmonary Fibrosis: Cause or Solution. <i>Frontiers in Pharmacology</i> , 2021, 12, 692551.	1.6	17
9400	Comparison of mesenchymal stromal cells from peritoneal dialysis effluent with those from umbilical cords: characteristics and therapeutic effects on chronic peritoneal dialysis in uremic rats. <i>Stem Cell Research and Therapy</i> , 2021, 12, 398.	2.4	4
9401	The Effects of Mesenchymal Stem Cell on Colorectal Cancer. <i>Stem Cells International</i> , 2021, 2021, 1-14.	1.2	12
9402	Mesenchymal Stem Cell-Based Therapy as an Alternative to the Treatment of Acute Respiratory Distress Syndrome: Current Evidence and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7850.	1.8	33
9403	Chronological Age Affects MSC Senescence In Vitro—A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7945.	1.8	12
9404	Freeze-Dried Mesenchymal Stem Cell-Secretome Pharmaceuticalization: Optimization of Formulation and Manufacturing Process Robustness. <i>Pharmaceutics</i> , 2021, 13, 1129.	2.0	15
9405	Similar Features, Different Behaviors: A Comparative In Vitro Study of the Adipogenic Potential of Stem Cells from Human Follicle, Dental Pulp, and Periodontal Ligament. <i>Journal of Personalized Medicine</i> , 2021, 11, 738.	1.1	4
9406	Extracellular Vesicles in the Cornea: Insights from Other Tissues. <i>Analytical Cellular Pathology</i> , 2021, 2021, 1-12.	0.7	20
9407	Persistency of Mesenchymal Stromal/Stem Cells in Lungs. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 709225.	1.8	11
9408	Leukemia-Induced Cellular Senescence and Stemness Alterations in Mesenchymal Stem Cells Are Reversible upon Withdrawal of B-Cell Acute Lymphoblastic Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8166.	1.8	10
9409	Cell-based Research and Therapy for Amyotrophic Lateral Sclerosis: Promises and Challenges. , 0, , 121-140.		2
9410	Comparison between Intra-Articular Injection of Infrapatellar Fat Pad (IPFP) Cell Concentrates and IPFP-Mesenchymal Stem Cells (MSCs) for Cartilage Defect Repair of the Knee Joint in Rabbits. <i>Stem Cells International</i> , 2021, 2021, 1-12.	1.2	7
9411	Mesenchymal Stem Cells and Tuberculosis: Clinical Challenges and Opportunities. <i>Frontiers in Immunology</i> , 2021, 12, 695278.	2.2	10

#	ARTICLE	IF	CITATIONS
9412	Human platelet-rich plasma as a biological stimulant for proliferation and differentiation of mesenchymal stem cells. <i>Biomedicine (India)</i> , 2021, 41, 168-173.	0.1	1
9413	Porcine ovarian cortex-derived putative stem cells can differentiate into endothelial cells in vitro. <i>Histochemistry and Cell Biology</i> , 2021, 156, 349-362.	0.8	4
9414	Cranial Suture Mesenchymal Stem Cells: Insights and Advances. <i>Biomolecules</i> , 2021, 11, 1129.	1.8	18
9415	Isolation and Characterization of Mesenchymal Stem Cells Derived from Different Regions of the Placenta of the Same Donor. <i>Cell and Tissue Biology</i> , 2021, 15, 356-369.	0.2	6
9416	Search for Novel Plasma Membrane Proteins as Potential Biomarkers in Human Mesenchymal Stem Cells Derived from Dental Pulp, Adipose Tissue, Bone Marrow, and Hair Follicle. <i>Journal of Membrane Biology</i> , 2021, 254, 409-422.	1.0	10
9417	Cartilage from human-induced pluripotent stem cells: comparison with neo-cartilage from chondrocytes and bone marrow mesenchymal stromal cells. <i>Cell and Tissue Research</i> , 2021, 386, 309-320.	1.5	17
9418	Notch Signaling in the Dynamics of Perivascular Stem Cells and their Niches. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1433-1445.	1.6	14
9419	The Use of Umbilical Cord-Derived Mesenchymal Stem Cells in Patients with Muscular Dystrophies: Results from Compassionate Use in Real-Life Settings. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1372-1383.	1.6	7
9420	The Potential Role of Extracellular Vesicles in COVID-19 Treatment: Opportunity and Challenge. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 699929.	1.6	23
9421	Sternal Bone Marrow Harvesting and Culturing Techniques from Patients Undergoing Cardiac Surgery. <i>Micromachines</i> , 2021, 12, 897.	1.4	1
9422	A Comparison of the Capacity of Mesenchymal Stromal Cells for Cartilage Regeneration Depending on Collagen-Based Injectable Biomimetic Scaffold Type. <i>Life</i> , 2021, 11, 756.	1.1	11
9423	Mesenchymal Stem Cells: Current Concepts in the Management of Inflammation in Osteoarthritis. <i>Biomedicines</i> , 2021, 9, 785.	1.4	18
9424	Long Non-coding RNA Regulation of Mesenchymal Stem Cell Homeostasis and Differentiation: Advances, Challenges, and Perspectives. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 711005.	1.8	7
9425	Alterations in cartilage quantification before and after injections of mesenchymal stem cells into osteoarthritic knees. <i>Scientific Reports</i> , 2021, 11, 13832.	1.6	16
9426	Enhanced culturing of adipose derived mesenchymal stem cells on surface modified polystyrene Petri dishes fabricated by plasma enhanced chemical vapor deposition system. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 358-366.	1.6	2
9427	Measurement of the Adipose Stem Cells Cell Sheets Transmittance. <i>Bioengineering</i> , 2021, 8, 93.	1.6	2
9429	Effects of Allogeneic Mesenchymal Stem Cell Transplantation in Dogs with Inflammatory Bowel Disease Treated with and without Corticosteroids. <i>Animals</i> , 2021, 11, 2061.	1.0	11
9430	Mineralization of 3D Osteogenic Model Based on Gelatin-Dextran Hybrid Hydrogel Scaffold Bioengineered with Mesenchymal Stromal Cells: A Multiparametric Evaluation. <i>Materials</i> , 2021, 14, 3852.	1.3	7

#	ARTICLE	IF	CITATIONS
9431	Mesenchymal stem cell conditioned medium increases glial reactivity and decreases neuronal survival in spinal cord slice cultures. <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 100976.	0.7	4
9432	Mesenchymal Stem/Stromal Cell-Based Delivery: A Rapidly Evolving Strategy for Cancer Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686453.	1.8	19
9433	3D-printed biphasic scaffolds for the simultaneous regeneration of osteochondral tissues. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 054102.	1.7	15
9434	Cryopreservation of Human Adipose Tissues and Adipose-Derived Stem Cells with DMSO and/or Trehalose: A Systematic Review. <i>Cells</i> , 2021, 10, 1837.	1.8	6
9435	Challenges, highlights, and opportunities in cellular transplantation: A white paper of the current landscape. <i>American Journal of Transplantation</i> , 2021, 21, 3225-3238.	2.6	5
9436	Spinal Cord Repair: From Cells and Tissue Engineering to Extracellular Vesicles. <i>Cells</i> , 2021, 10, 1872.	1.8	32
9437	RNF213 gene silencing upregulates transforming growth factor β 1 expression in bone marrow-derived mesenchymal stem cells and is involved in the onset of Moyamoya disease. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1024.	0.8	5
9438	Gene Expression Profile of Human Mesenchymal Stromal Cells Exposed to Hypoxic and Pseudohypoxic Preconditioning—An Analysis by RNA Sequencing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8160.	1.8	4
9439	Cellular Heterogeneity of Mesenchymal Stem/Stromal Cells in the Bone Marrow. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 689366.	1.8	31
9440	Distinct skeletal stem cell types orchestrate long bone skeletogenesis. <i>ELife</i> , 2021, 10, .	2.8	38
9441	Topical Review: Bone Marrow Aspirate Concentrate and Its Clinical Use in Foot and Ankle Surgery. <i>Foot and Ankle International</i> , 2021, 42, 1205-1211.	1.1	6
9442	Application of mesenchymal stem cell sheet to treatment of ischemic heart disease. <i>Stem Cell Research and Therapy</i> , 2021, 12, 384.	2.4	19
9443	Adipose-derived stromal/stem cells and extracellular vesicles for cancer therapy. <i>Expert Opinion on Biological Therapy</i> , 2022, 22, 67-78.	1.4	2
9444	Does Needle Design Affect the Regenerative Potential of Bone Marrow Aspirate? An In Vitro Study. <i>Life</i> , 2021, 11, 748.	1.1	5
9445	Effects of stem cells from inducible brown adipose tissue on diet-induced obesity in mice. <i>Scientific Reports</i> , 2021, 11, 13923.	1.6	8
9446	Mesenchymal Stem Cells in Treatment of Spinal Cord Injury and Amyotrophic Lateral Sclerosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 695900.	1.8	32
9447	Mesenchymal Stem Cells, Bioactive Factors, and Scaffolds in Bone Repair: From Research Perspectives to Clinical Practice. <i>Cells</i> , 2021, 10, 1925.	1.8	34
9448	Mechanisms underlying the therapeutic potential of mesenchymal stem cells in atherosclerosis. <i>Regenerative Medicine</i> , 2021, 16, 669-682.	0.8	14

#	ARTICLE	IF	CITATIONS
9449	Pulmonary mesenchymal stem cells are engaged in distinct steps of host response to respiratory syncytial virus infection. <i>PLoS Pathogens</i> , 2021, 17, e1009789.	2.1	6
9450	Erf Affects Commitment and Differentiation of Osteoprogenitor Cells in Cranial Sutures via the Retinoic Acid Pathway. <i>Molecular and Cellular Biology</i> , 2021, 41, e0014921.	1.1	6
9451	Mesenchyme homeobox 1 mediated-promotion of osteoblastic differentiation is negatively regulated by mir-3064-5p. <i>Differentiation</i> , 2021, 120, 19-27.	1.0	6
9452	Processing and Ex Vivo Expansion of Adipose Tissue-Derived Mesenchymal Stem/Stromal Cells for the Development of an Advanced Therapy Medicinal Product for use in Humans. <i>Cells</i> , 2021, 10, 1908.	1.8	8
9453	Expanded adipose derived mesenchymal stromal cells are effective in treating chronic insertional patellar tendinopathy: clinical and MRI evaluations of a pilot study. <i>Journal of Experimental Orthopaedics</i> , 2021, 8, 49.	0.8	3
9454	SCA-1/Ly6A Mesodermal Skeletal Progenitor Subpopulations Reveal Differential Commitment of Early Limb Bud Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 656999.	1.8	2
9455	Leptin and TGF- β 1 Downregulate PREP1 Expression in Human Adipose-Derived Mesenchymal Stem Cells and Mature Adipocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 700481.	1.8	5
9456	Role of immune regulatory cells in breast cancer: Foe or friend?. <i>International Immunopharmacology</i> , 2021, 96, 107627.	1.7	12
9457	Melatonin contributes to the hypertrophic differentiation of mesenchymal stem cell-derived chondrocytes via activation of the Wnt/ β -catenin signaling pathway. <i>Stem Cell Research and Therapy</i> , 2021, 12, 467.	2.4	13
9458	Basic responses of mesenchymal stem cells exposed to bovine biomaterial and platelet rich fibrin. <i>Research, Society and Development</i> , 2021, 10, e46101119134.	0.0	0
9459	Functional Dental Pulp Regeneration: Basic Research and Clinical Translation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8991.	1.8	62
9460	Selection of Highly Proliferative and Multipotent Meniscus Progenitors through Differential Adhesion to Fibronectin: A Novel Approach in Meniscus Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8614.	1.8	5
9461	Co α transplantation of mesenchymal stromal cell and haploidentical hematopoietic stem cell with TCR β 2-depletion in children with primary immunodeficiency syndromes. <i>Pediatric Transplantation</i> , 2021, 25, e14120.	0.5	1
9462	Systematic Comparison of Biomaterials-Based Strategies for Osteochondral and Chondral Repair in Large Animal Models. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100878.	3.9	11
9463	Clinical mesenchymal stem cell therapy in ischemic cardiomyopathy. <i>JTCVS Open</i> , 2021, , .	0.2	0
9464	Decreased Colony-Forming Ability of Subacromial Bursa-Derived Cells During Revision Arthroscopic Rotator Cuff Repair. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e1047-e1054.	0.8	3
9465	Human Mesenchymal Stem Cells Seeded on the Natural Membrane to Neurospheres for Cholinergic-like Neurons. <i>Membranes</i> , 2021, 11, 598.	1.4	7
9466	Characterization of patient-derived bone marrow human mesenchymal stem cells as oncolytic virus carriers for the treatment of glioblastoma. <i>Journal of Neurosurgery</i> , 2022, 136, 757-767.	0.9	11

#	ARTICLE	IF	CITATIONS
9467	Comparing the Therapeutic Potential of Stem Cells and their Secretory Products in Regenerative Medicine. <i>Stem Cells International</i> , 2021, 2021, 1-30.	1.2	38
9468	Rapid Production and Genetic Stability of Human Mesenchymal Progenitor Cells Derived from Human Somatic Cell Nuclear Transfer-Derived Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9238.	1.8	3
9469	Human Fallopian Tube "Derived Mesenchymal Stem Cells Inhibit Experimental Autoimmune Encephalomyelitis by Suppressing Th1/Th17 Activation and Migration to Central Nervous System. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 609-625.	1.7	1
9470	Characterization and response to inflammatory stimulation of human endometrial-derived mesenchymal stem/stromal cells. <i>Cytotherapy</i> , 2022, 24, 124-136.	0.3	5
9471	Combining Bone Collagen Matrix with hUC-MSCs for Application to Alveolar Process Cleft in a Rabbit Model. <i>Stem Cell Reviews and Reports</i> , 2023, 19, 133-154.	1.7	2
9472	Biological interactions between calcium silicate-based endodontic biomaterials and periodontal ligament stem cells: A systematic review of <i>in vitro</i> studies. <i>International Endodontic Journal</i> , 2021, 54, 2025-2043.	2.3	31
9473	Relationship between alcohol consumption and the risks of liver cancer, esophageal cancer, and gastric cancer in China. <i>Medicine (United States)</i> , 2021, 100, e26982.	0.4	11
9474	Importance of lymphocyte-stromal cell interactions in autoimmune and inflammatory rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2021, 17, 550-564.	3.5	27
9475	Microfluidic Separation of Canine Adipose-Derived Mesenchymal Stromal Cells. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 445-461.	1.1	6
9476	Stem Cell Applications in Periodontal Regeneration. <i>Dental Clinics of North America</i> , 2021, 66, 53-74.	0.8	3
9477	Human Mesenchymal Stromal Cells Enhance Cartilage Healing in a Murine Joint Surface Injury Model. <i>Cells</i> , 2021, 10, 1999.	1.8	6
9478	Human Umbilical Cord Mesenchymal Stem Cell-Derived Exosomes Improve Ovarian Function and Proliferation of Premature Ovarian Insufficiency by Regulating the Hippo Signaling Pathway. <i>Frontiers in Endocrinology</i> , 2021, 12, 711902.	1.5	37
9479	Ability to regulate immunity of mesenchymal stem cells in the treatment of traumatic brain injury. <i>Neurological Sciences</i> , 2022, 43, 2157-2164.	0.9	6
9480	Insensitivity of dental pulp stem cells migration to substrate stiffness. <i>Biomaterials</i> , 2021, 275, 120969.	5.7	10
9481	Comparative Biological Properties and Mineralization Potential of 3 Endodontic Materials for Vital Pulp Therapy: Theracal PT, Theracal LC, and Biodentine on Human Dental Pulp Stem Cells. <i>Journal of Endodontics</i> , 2021, 47, 1896-1906.	1.4	26
9482	Comparative analysis of human induced pluripotent stem cell-derived mesenchymal stem cells and umbilical cord mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8904-8919.	1.6	18
9483	The Therapeutic Potential of Mesenchymal Stromal Cells for Regenerative Medicine: Current Knowledge and Future Understandings. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 661532.	1.8	70
9484	A new perfusion mode of culture for WJ-MSCs expansion in a stirred and online monitored bioreactor. <i>Biotechnology and Bioengineering</i> , 2021, 118, 4453-4464.	1.7	12

#	ARTICLE	IF	CITATIONS
9485	Altered Proteomic Profile of Adipose Tissue-Derived Mesenchymal Stem Cell Exosomes from Cats with Severe Chronic Gingivostomatitis. <i>Animals</i> , 2021, 11, 2466.	1.0	5
9486	Cell therapy for cartilage repair. <i>Emerging Topics in Life Sciences</i> , 2021, 5, 575-589.	1.1	24
9487	Tendon-Derived Progenitor Cells With Multilineage Potential Are Present Within Human Patellar Tendon. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110234.	0.8	4
9488	Oral Cavity as a Source of Mesenchymal Stem Cells Useful for Regenerative Medicine in Dentistry. <i>Biomedicines</i> , 2021, 9, 1085.	1.4	18
9489	Adipose-Derived Mesenchymal Stem Cell Transplantation in Chemotherapy-Induced Premature Ovarian Insufficiency: the Role of Connexin and Pannexin. <i>Reproductive Sciences</i> , 2022, 29, 1316-1331.	1.1	9
9490	Bone Marrow Mesenchymal Stem Cells Exert Protective Effects After Ischemic Stroke Through Upregulation of Glutathione. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 585-594.	1.7	14
9491	Freeze-Dried Secretome (Lyosecretome) from Mesenchymal Stem/Stromal Cells Promotes the Osteoinductive and Osteoconductive Properties of Titanium Cages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8445.	1.8	6
9492	Bone marrow/bone pre-metastatic niche for breast cancer cells colonization: The role of mesenchymal stromal cells. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 164, 103416.	2.0	19
9493	Mesenchymal stem cell-based therapy and exosomes in COVID-19: current trends and prospects. <i>Stem Cell Research and Therapy</i> , 2021, 12, 469.	2.4	28
9494	Osteogenic ability using porous hydroxyapatite scaffold-based delivery of human placenta-derived mesenchymal stem cells. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1091.	0.8	2
9495	Mesenchymal stem cells in glioblastoma therapy and progression: How one cell does it all. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188582.	3.3	22
9496	Therapeutic Potential of Adipose-derived Stem Cells in the Treatment of Pulmonary Diseases. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 103-112.	0.6	3
9497	Modulating poststroke inflammatory mechanisms: Novel aspects of mesenchymal stem cells, extracellular vesicles and microglia. <i>World Journal of Stem Cells</i> , 2021, 13, 1030-1048.	1.3	13
9498	Treatment with ROS detoxifying gold quantum clusters alleviates the functional decline in a mouse model of Friedreich ataxia. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	7
9500	Nanocellulose-Based Scaffolds for Chondrogenic Differentiation and Expansion. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 736213.	2.0	14
9501	Biomaterials and Adipose-Derived Mesenchymal Stem Cells for Regenerative Medicine: A Systematic Review. <i>Materials</i> , 2021, 14, 4641.	1.3	13
9502	Erythropoietin (EPO) as a Key Regulator of Erythropoiesis, Bone Remodeling and Endothelial Transdifferentiation of Multipotent Mesenchymal Stem Cells (MSCs): Implications in Regenerative Medicine. <i>Cells</i> , 2021, 10, 2140.	1.8	39
9503	Improved Repopulation Efficacy of Decellularized Small Diameter Vascular Grafts Utilizing the Cord Blood Platelet Lysate. <i>Bioengineering</i> , 2021, 8, 118.	1.6	1

#	ARTICLE	IF	CITATIONS
9504	Bone Marrow Mesenchymal Stem Cells in Acute-on-Chronic Liver Failure Grades 2 and 3: A Phase I-II Randomized Clinical Trial. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2021, 2021, 1-9.	0.8	22
9505	Three-Dimensional Modeling of the Structural Microenvironment in Post-Traumatic War Wounds. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 963-973.	1.6	6
9506	Decreased Insulin Sensitivity in Telomerase-Immortalized Mesenchymal Stem Cells Affects Efficacy and Outcome of Adipogenic Differentiation in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 662078.	1.8	8
9507	Mesenchymal stromal cells in wound healing applications: role of the secretome, targeted delivery and impact on recessive dystrophic epidermolysis bullosa treatment. <i>Cytotherapy</i> , 2021, 23, 961-973.	0.3	12
9508	Mesenchymal stem/stromal cells as next-generation drug delivery vehicles for cancer therapeutics. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1627-1642.	2.4	24
9509	IL-1 β primed mesenchymal stromal cells moderate hemorrhagic shock-induced organ injuries. <i>Stem Cell Research and Therapy</i> , 2021, 12, 438.	2.4	11
9510	Tissue Engineering of Human Intervertebral Disc: A Concise Review. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 848-860.	2.5	3
9511	The use of mesenchymal stem cells in animal models for gastrointestinal anastomotic leak: A systematic review. <i>Colorectal Disease</i> , 2021, , .	0.7	1
9512	The Phosphonate Derivative of C60 Fullerene Induces Differentiation towards the Myogenic Lineage in Human Adipose-Derived Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9284.	1.8	6
9513	CD146 controls the quality of clinical grade mesenchymal stem cells from human dental pulp. <i>Stem Cell Research and Therapy</i> , 2021, 12, 488.	2.4	26
9514	Cellular Therapies in Solid Organ Allotransplantation: Promise and Pitfalls. <i>Frontiers in Immunology</i> , 2021, 12, 714723.	2.2	2
9515	Dynamic Changes of the Bone Marrow Niche: Mesenchymal Stromal Cells and Their Progeny During Aging and Leukemia. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 714716.	1.8	20
9516	Amelioration of osteogenesis in iPSC-derived mesenchymal stem cells from osteogenesis imperfecta patients by endoplasmic reticulum stress inhibitor. <i>Life Sciences</i> , 2021, 278, 119628.	2.0	13
9517	Recommendations for nomenclature and definition of cell products intended for human cardiovascular use. <i>Cardiovascular Research</i> , 2022, 118, 2428-2436.	1.8	6
9518	Single-cell transcriptional profiling reveals the heterogeneity in embryonal rhabdomyosarcoma. <i>Medicine (United States)</i> , 2021, 100, e26775.	0.4	1
9519	Mesenchymal Stem/Stromal Cell-Derived Extracellular Vesicles for Chronic Kidney Disease: Are We There Yet?. <i>Hypertension</i> , 2021, 78, 261-269.	1.3	18
9520	Cytotoxicity and cell response of preosteoblast in calcium sulfate-augmented PMMA bone cement. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 055014.	1.7	10
9521	Wound healing potential of human umbilical cord mesenchymal stem cell conditioned medium: An in vitro and in vivo study in diabetes-induced rats. <i>Veterinary World</i> , 2021, 14, 2109-2117.	0.7	5

#	ARTICLE	IF	CITATIONS
9522	The Effect of Advanced Glycation End Products (AGEs) on Human Umbilical Cord Mesenchymal Stem Cells (hUCMSCs) with regard to Osteogenesis and Calcification. Research Journal of Pharmacy and Technology, 2021, , 4019-4024.	0.2	3
9523	Effects of different doses of melatonin on rat adipose derived mesenchymal stem cells. Hormone Molecular Biology and Clinical Investigation, 2021, 42, 395-401.	0.3	0
9524	MSCs from polytrauma patients: preliminary comparative study with MSCs from elective-surgery patients. Stem Cell Research and Therapy, 2021, 12, 451.	2.4	1
9525	Mesenchymal Stem Cells in Premature Ovarian Insufficiency: Mechanisms and Prospects. Frontiers in Cell and Developmental Biology, 2021, 9, 718192.	1.8	17
9526	Clinical Use of Mesenchymal Stem Cells in Treatment of Systemic Lupus Erythematosus. , 0, , .		0
9527	Assessment of electromechanically stimulated bone marrow stem cells seeded acellular cardiac patch in a rat myocardial infarct model. Biomedical Materials (Bristol), 2021, 16, 055012.	1.7	2
9528	Grafting of iPS cell-derived tenocytes promotes motor function recovery after Achilles tendon rupture. Nature Communications, 2021, 12, 5012.	5.8	23
9529	Whartonâ€™s Jelly Mesenchymal Stromal Cells and Derived Extracellular Vesicles as Post-Myocardial Infarction Therapeutic Toolkit: An Experienced View. Pharmaceutics, 2021, 13, 1336.	2.0	1
9530	PHENOTYPIC EXPRESSION OF MESENCHYMAL STEM CELLS: COMPARING SELECTIVE TISSUEENGINEERED PHOTOSTIMULATION TECHNIQUE AND CONVENTIONAL LIPOSUCTION TECHNIQUE.. , 2021, , 154-157.		0
9531	Mesenchymal stem cells from biology to therapy. Emerging Topics in Life Sciences, 2021, 5, 539-548.	1.1	9
9532	Oral Mesenchymal Stromal Cells in Systemic Sclerosis: Characterization and Response to a Hyaluronic-Acid-Based Biomaterial. Applied Sciences (Switzerland), 2021, 11, 8101.	1.3	0
9533	Phenotypic, morphological, and metabolic characterization of vascularâ€™spheres from human vascular mesenchymal stem cells. Microscopy Research and Technique, 2021, , .	1.2	3
9534	Adipocyte-secreted microvesicle-derived miR-148a regulates adipogenic and osteogenic differentiation by targeting Wnt5a/Ror2 pathway. Life Sciences, 2021, 278, 119548.	2.0	19
9535	Maxillofacial-Derived Mesenchymal Stem Cells: Characteristics and Progress in Tissue Regeneration. Stem Cells International, 2021, 2021, 1-22.	1.2	6
9536	May mesenchymal stem cell transplantation be a solution for COVID-19 induced cytokine storm?. World Journal of Transplantation, 2021, 11, 344-355.	0.6	1
9537	Methods to produce induced pluripotent stem cell-derived mesenchymal stem cells: Mesenchymal stem cells from induced pluripotent stem cells. World Journal of Stem Cells, 2021, 13, 1094-1111.	1.3	14
9538	Spatially defined single-cell transcriptional profiling characterizes diverse chondrocyte subtypes and nucleus pulposus progenitors in human intervertebral discs. Bone Research, 2021, 9, 37.	5.4	65
9539	Microenvironment Influences on Human Umbilical Cord Mesenchymal Stem Cell-Based Bone Regeneration. Stem Cells International, 2021, 2021, 1-18.	1.2	6

#	ARTICLE	IF	CITATIONS
9540	Biomimetic Black Phosphorus Nanosheet-Based Drug Delivery System for Targeted Photothermal-Chemo Cancer Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 707208.	2.0	8
9541	Mesenchymal stem cell transfusion: Possible beneficial effects in COVID-19 patients. <i>Transfusion and Apheresis Science</i> , 2021, 60, 103237.	0.5	1
9542	Cell Therapy for Anal Sphincter Incontinence: Where Do We Stand?. <i>Cells</i> , 2021, 10, 2086.	1.8	9
9543	Small extracellular vesicles from menstrual blood-derived mesenchymal stem cells (MenSCs) as a novel therapeutic impetus in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2021, 12, 433.	2.4	26
9544	Phenotypic plasticity of melanocytes derived from human adult skin. <i>Pigment Cell and Melanoma Research</i> , 2022, 35, 38-51.	1.5	10
9545	Fibroblasts from the oral masticatory and lining mucosa have different gene expression profiles and proliferation rates. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1393-1401.	2.3	10
9546	Extracellular Vehicles of Oxygen-Depleted Mesenchymal Stromal Cells: Route to Off-Shelf Cellular Therapeutics?. <i>Cells</i> , 2021, 10, 2199.	1.8	4
9547	Clinical Trials Based on Mesenchymal Stromal Cells are Exponentially Increasing: Where are We in Recent Years?. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 23-36.	1.7	88
9548	Isolation and morphological characterization of equine mesenchymal stem cells from harvested adipose tissue and bone marrow and stably transfected with green fluorescent protein. <i>American Journal of Veterinary Research</i> , 2021, 82, 770-776.	0.3	0
9549	Human adipose-derived mesenchymal stromal cells from face and abdomen undergo replicative senescence and loss of genetic integrity after long-term culture. <i>Experimental Cell Research</i> , 2021, 406, 112740.	1.2	5
9550	An In Vitro and In Vivo Comparison of Osteogenic Differentiation of Human Mesenchymal Stromal/Stem Cells. <i>Stem Cells International</i> , 2021, 2021, 1-23.	1.2	20
9551	Mesenchymal stromal cells: what have we learned so far about their therapeutic potential and mechanisms of action?. <i>Emerging Topics in Life Sciences</i> , 2021, 5, 549-562.	1.1	12
9552	A novel delivery nanobiotechnology: engineered miR-181b exosomes improved osteointegration by regulating macrophage polarization. <i>Journal of Nanobiotechnology</i> , 2021, 19, 269.	4.2	37
9553	A Biphasic Calcium Phosphate Cement Enhances Dentin Regeneration by Dental Pulp Stem Cells and Promotes Macrophages M2 Phenotype In Vitro. <i>Tissue Engineering - Part A</i> , 2021, 27, 1113-1127.	1.6	8
9554	PTX-3 Secreted by Intra-Articular-Injected SMUP-Cells Reduces Pain in an Osteoarthritis Rat Model. <i>Cells</i> , 2021, 10, 2420.	1.8	4
9555	Human bone marrow-derived mesenchymal stromal cells cultured in serum-free media demonstrate enhanced antifibrotic abilities via prolonged survival and robust regulatory T cell induction in murine bleomycin-induced pulmonary fibrosis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 506.	2.4	7
9556	Platelet HMGB1 in Platelet-Rich Plasma (PRP) promotes tendon wound healing. <i>PLoS ONE</i> , 2021, 16, e0251166.	1.1	11
9557	Chronic inflammation-induced senescence impairs immunomodulatory properties of synovial fluid mesenchymal stem cells in rheumatoid arthritis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 502.	2.4	24

#	ARTICLE	IF	CITATIONS
9558	Polarized M2 macrophages induced by mechanical stretching modulate bone regeneration of the craniofacial suture for midfacial hypoplasia treatment. <i>Cell and Tissue Research</i> , 2021, 386, 585-603.	1.5	11
9559	Effects of indoleamine 2, 3â€dioxygenase (IDO) silencing on immunomodulatory function and cancerâ€promoting characteristic of adiposeâ€derived mesenchymal stem cells (ASCs). <i>Cell Biology International</i> , 2021, 45, 2544-2556.	1.4	4
9560	Therapeutic Potential of Human Umbilical Cord-Derived Mesenchymal Stem Cells in Recovering From Murine Pulmonary Emphysema Under Cigarette Smoke Exposure. <i>Frontiers in Medicine</i> , 2021, 8, 713824.	1.2	6
9561	Overview of the Therapeutic Applications of Stem Cellâ€Derived Exosomes: A Research and Commercial Perspective. <i>Current Protocols</i> , 2021, 1, e230.	1.3	0
9562	Comparative Study of a Modified Sub-Tenonâ€™s Capsule Injection of Triamcinolone Acetonide and the Intravenous Infusion of Umbilical Cord Mesenchymal Stem Cells in Retinitis Pigmentosa Combined With Macular Edema. <i>Frontiers in Pharmacology</i> , 2021, 12, 694225.	1.6	1
9563	Impact of allogeneic feline uterine-derived mesenchymal stromal cell intravenous treatment on renal function of nephrectomized cats with chronic kidney disease. <i>Research in Veterinary Science</i> , 2021, 141, 33-41.	0.9	2
9564	Comparative analysis of the potential of the secretomes of cardiac resident stromal cells and fibroblasts. <i>IUBMB Life</i> , 2023, 75, 196-206.	1.5	3
9565	Mesenchymal Stem Cell Transplantation for the Treatment of Age-Related Musculoskeletal Frailty. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10542.	1.8	6
9566	Quality by design to define critical process parameters for mesenchymal stem cell expansion. <i>Biotechnology Advances</i> , 2021, 50, 107765.	6.0	11
9567	Crosstalk of Endothelial and Mesenchymal Stromal Cells under Tissue-Related O ₂ . <i>International Journal of Translational Medicine</i> , 2021, 1, 116-136.	0.1	2
9568	Motorized Shaver Harvest Results in Similar Cell Yield and Characteristics Compared With Rongeur Biopsy During Arthroscopic Synovium-Derived Mesenchymal Stem Cell Harvest. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 2873-2882.	1.3	5
9569	Cytotoxic Effects on Gingival Mesenchymal Stromal Cells and Root Surface Modifications Induced by Some Local Antimicrobial Products Used in Periodontitis Treatment. <i>Materials</i> , 2021, 14, 5049.	1.3	3
9570	Trochanteric Bursa Is a Source of Connective Tissue Progenitor Cells. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e1661-e1670.	0.8	2
9571	Engineering Cellâ€Based Systems for Smart Cancer Therapy. <i>Advanced Intelligent Systems</i> , 2022, 4, 2100134.	3.3	14
9572	A Scalable System for Generation of Mesenchymal Stem Cells Derived from Induced Pluripotent Cells Employing Bioreactors and Degradable Microcarriers. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1650-1665.	1.6	19
9573	Mesenchymal Stromal Cells: Potential Option for COVID-19 Treatment. <i>Pharmaceutics</i> , 2021, 13, 1481.	2.0	3
9574	LncRNA ORLNC1 Promotes Bone Marrow Mesenchymal Stem Cell Pyroptosis Induced by Advanced Glycation End Production by Targeting miR-200b-3p/Foxo3 Pathway. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 2262-2275.	1.7	10
9575	An overview of mesenchymal stem cells and their potential therapeutic benefits in cancer therapy (Review). <i>Oncology Letters</i> , 2021, 22, 785.	0.8	15

#	ARTICLE	IF	CITATIONS
9576	Chromatin remodeling due to degradation of citrate carrier impairs osteogenesis of aged mesenchymal stem cells. <i>Nature Aging</i> , 2021, 1, 810-825.	5.3	37
9577	Cell Sources for Cartilage Repair—Biological and Clinical Perspective. <i>Cells</i> , 2021, 10, 2496.	1.8	34
9578	When Origin Matters: Properties of Mesenchymal Stromal Cells From Different Sources for Clinical Translation in Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 728496.	1.2	14
9579	Platelet-Derived Growth Factor Induces SASP-Associated Gene Expression in Human Multipotent Mesenchymal Stromal Cells but Does Not Promote Cell Senescence. <i>Biomedicines</i> , 2021, 9, 1290.	1.4	5
9580	Genetic profiling of human bone marrow and adipose tissue-derived mesenchymal stem cells reveals differences in osteogenic signaling mediated by graphene. <i>Journal of Nanobiotechnology</i> , 2021, 19, 285.	4.2	9
9581	Mesenchymal Stem Cell-Derived Extracellular Vesicles in Tendon and Ligament Repair—A Systematic Review of In Vivo Studies. <i>Cells</i> , 2021, 10, 2553.	1.8	25
9582	Intravenous SPION-labeled adipocyte-derived stem cells targeted to the brain by magnetic attraction in a rat stroke model: An ultrastructural insight into cell fate within the brain. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 39, 102464.	1.7	6
9583	Apoptotic Extracellular Vesicles Ameliorate Multiple Myeloma by Restoring Fas-Mediated Apoptosis. <i>ACS Nano</i> , 2021, 15, 14360-14372.	7.3	47
9584	Guidelines for Biobanking of Bone Marrow Adipose Tissue and Related Cell Types: Report of the Biobanking Working Group of the International Bone Marrow Adiposity Society. <i>Frontiers in Endocrinology</i> , 2021, 12, 744527.	1.5	11
9585	Frequent injections of high-dose human umbilical cord mesenchymal stem cells slightly aggravate arthritis and skeletal muscle cachexia in collagen-induced arthritic mice. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1272.	0.8	4
9586	TEOS thin films obtained by plasma polymerization on Ti6Al4V alloys: Influence of the deposition pressure on surface properties and cellular response. <i>Applied Surface Science Advances</i> , 2021, 5, 100123.	2.9	3
9587	Human Tendon Stem/Progenitor Cell Features and Functionality Are Highly Influenced by in vitro Culture Conditions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 711964.	2.0	4
9588	Lung-Resident Mesenchymal Stem Cell Fates within Lung Cancer. <i>Cancers</i> , 2021, 13, 4637.	1.7	5
9589	Adipocytes disrupt the translational programme of acute lymphoblastic leukaemia to favour tumour survival and persistence. <i>Nature Communications</i> , 2021, 12, 5507.	5.8	15
9590	Adipose-Derived Stem Cells in the Treatment of Perianal Fistulas in Crohn's Disease: Rationale, Clinical Results and Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9967.	1.8	14
9591	Strategies to Improve the Quality and Freshness of Human Bone Marrow-Derived Mesenchymal Stem Cells for Neurological Diseases. <i>Stem Cells International</i> , 2021, 2021, 1-15.	1.2	4
9592	Ectopic models recapitulating morphological and functional features of articular cartilage. <i>Annals of Anatomy</i> , 2021, 237, 151721.	1.0	3
9593	Extracellular Vesicles as Therapeutic Tools for the Treatment of Chronic Wounds. <i>Pharmaceutics</i> , 2021, 13, 1543.	2.0	23

#	ARTICLE	IF	CITATIONS
9594	Evaluation of the effect of donor weight on adipose stromal/stem cell characteristics by using weight-discordant monozygotic twin pairs. <i>Stem Cell Research and Therapy</i> , 2021, 12, 516.	2.4	15
9595	Assessment of the structural and functional characteristics of human mesenchymal stem cells associated with a prolonged exposure of morphine. <i>Scientific Reports</i> , 2021, 11, 19248.	1.6	1
9596	Metformin enhances the osteogenesis and angiogenesis of human umbilical cord mesenchymal stem cells for tissue regeneration engineering. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 141, 106086.	1.2	14
9597	Intracoronary Delivery of Porcine Cardiac Progenitor Cells Overexpressing IGF-1 and HGF in a Pig Model of Sub-Acute Myocardial Infarction. <i>Cells</i> , 2021, 10, 2571.	1.8	8
9598	Current therapeutic strategies for respiratory diseases using mesenchymal stem cells. <i>MedComm</i> , 2021, 2, 351-380.	3.1	15
9599	Human Umbilical Cord Mesenchymal Stem Cell-Derived Extracellular Vesicles Promote the Proliferation of Schwann Cells by Regulating the PI3K/AKT Signaling Pathway via Transferring miR-21. <i>Stem Cells International</i> , 2021, 2021, 1-11.	1.2	10
9600	Human Adipose-Derived Mesenchymal Stromal Cells Exhibit High HLA-DR Levels and Altered Cellular Characteristics under a Xeno-free and Serum-free Condition. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 2291-2303.	1.7	6
9601	Therapeutic Potential of Mesenchymal Stromal Cell-Derived Extracellular Vesicles in the Prevention of Organ Injuries Induced by Traumatic Hemorrhagic Shock. <i>Frontiers in Immunology</i> , 2021, 12, 749659.	2.2	10
9602	Sensitization to Drug Treatment in Precursor B-Cell Acute Lymphoblastic Leukemia Is Not Achieved by Stromal NF- κ B Inhibition of Cell Adhesion but by Stromal PKC-Dependent Inhibition of ABC Transporters Activity. <i>Molecules</i> , 2021, 26, 5366.	1.7	4
9603	Umbilical Cord Mesenchymal Stem/Stromal Cells Potential to Treat Organ Disorders; An Emerging Strategy. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 126-146.	0.6	11
9604	Analysis of Patient Factors Affecting In Vitro Characteristics of Subacromial Bursal Connective Tissue Progenitor Cells during Rotator Cuff Repair. <i>Journal of Clinical Medicine</i> , 2021, 10, 4006.	1.0	3
9605	Mesenchymal stem cells and their secretome - candidates for safe and effective therapy for systemic lupus erythematosus. <i>Medical Journal of Cell Biology (discontinued)</i> , 2021, 9, 110-122.	0.2	5
9606	Cell-Based Regeneration and Treatment of Liver Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10276.	1.8	12
9607	Time-Dependent Reduction of Calcium Oscillations in Adipose-Derived Stem Cells Differentiating towards Adipogenic and Osteogenic Lineage. <i>Biomolecules</i> , 2021, 11, 1400.	1.8	4
9608	Effects of storage media, supplements and cryopreservation methods on quality of stem cells. <i>World Journal of Stem Cells</i> , 2021, 13, 1197-1214.	1.3	19
9609	Derivation and Characterization of EGFP-Labeled Rabbit Limbal Mesenchymal Stem Cells and Their Potential for Research in Regenerative Ophthalmology. <i>Biomedicines</i> , 2021, 9, 1134.	1.4	4
9610	Comparative study of chondrogenesis of human adipose-derived mesenchymal stem cells when cultured in collagen-containing media under in vitro conditions. <i>Vestnik Transplantologii i Iskusstvennykh Organov</i> , 2021, 23, 90-100.	0.1	2
9611	Human Induced Pluripotent Stem Cell-Derived Mesenchymal Stem Cells Acquire Rejuvenation and Reduced Heterogeneity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 717772.	1.8	27

#	ARTICLE	IF	CITATIONS
9612	The Chondrogenic Potential of First-Trimester and Term Placental Mesenchymal Stem/Stromal Cells. <i>Cartilage</i> , 2021, 13, 544S-558S.	1.4	3
9613	Mesenchymal Stem Cells in the Treatment of COVID-19, a Promising Future. <i>Cells</i> , 2021, 10, 2588.	1.8	8
9614	Effects of Administration Route of Adipose-Derived Stem Cells on the Survival of Allogeneic Skin Grafts in Mice. <i>Transplantation Proceedings</i> , 2021, 53, 2397-2406.	0.3	4
9615	Current Trends in Orthobiologics: An 11-Year Review of the Orthopaedic Literature. <i>American Journal of Sports Medicine</i> , 2022, 50, 3121-3129.	1.9	10
9616	Tropoelastin improves adhesion and migration of intra-articular injected infrapatellar fat pad MSCs and reduces osteoarthritis progression. <i>Bioactive Materials</i> , 2022, 10, 443-459.	8.6	14
9617	3D Poly(Lactic Acid) Scaffolds Promote Different Behaviors on Endothelial Progenitors and Adipose-Derived Stromal Cells in Comparison With Standard 2D Cultures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 700862.	2.0	10
9618	Metformin alleviates stress-induced cellular senescence of aging human adipose stromal cells and the ensuing adipocyte dysfunction. <i>ELife</i> , 2021, 10, .	2.8	39
9619	Pluripotent-derived Mesenchymal Stem/stromal Cells: an Overview of the Derivation Protocol Efficacies and the Differences Among the Derived Cells. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 94-125.	1.7	4
9620	MESENCHYMAL STEM CELL-BASED THERAPY FOR CHRONIC KIDNEY FAILURE RELATING LUPUS ERYTHEMATOSUS - A CASE REPORT. <i>Y Hoc Viet Nam</i> , 2021, 506, .	0.0	0
9621	Cyclical endometrial repair and regeneration. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	37
9622	Cell penetration and chondrogenic differentiation of human adipose derived stem cells on 3D scaffold. <i>Future Science OA</i> , 2021, 7, FSO734.	0.9	5
9623	Dependence of mitochondrial function on the filamentous actin cytoskeleton in cultured mesenchymal stem cells treated with cytochalasin B. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 310-320.	1.1	3
9624	Generation of a novel model of bioengineered human oral mucosa with increased vascularization potential. <i>Journal of Periodontal Research</i> , 2021, 56, 1116-1131.	1.4	9
9625	Assessment of Long-Term in vitro Multiplied Human Wharton's Jelly-Derived Mesenchymal Stem Cells prior to Their Use in Clinical Administration. <i>Cells Tissues Organs</i> , 2021, 210, 1-11.	1.3	6
9626	Perspective: Why and How Ubiquitously Distributed, Vascular-Associated, Pluripotent Stem Cells in the Adult Body (vaPS Cells) Are the Next Generation of Medicine. <i>Cells</i> , 2021, 10, 2303.	1.8	8
9628	Hematopoietic and mesenchymal stromal cells: New immunological roles during fungal infections. <i>Stem Cells and Development</i> , 2021, 30, 1049-1055.	1.1	1
9629	Hitchhiking Nanoparticles: Mesenchymal Stem Cell-Mediated Delivery of Theranostic Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43937-43951.	4.0	14
9630	Pluripotent stem cells for skeletal tissue engineering. <i>Critical Reviews in Biotechnology</i> , 2022, 42, 774-793.	5.1	6

#	ARTICLE	IF	CITATIONS
9631	First-in-Human Segmental Esophageal Reconstruction Using a Bioengineered Mesenchymal Stromal Cellâ€“Seeded Implant. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100216.	0.6	6
9632	Effects of Mesenchymal Stem Cell-Derived Exosomes on Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 749192.	2.2	91
9633	The Combined Use of Platelet-Rich Plasma and Adipose-Derived Mesenchymal Stem Cells Promotes Healing. A Review of Experimental Models and Future Perspectives. <i>Biomolecules</i> , 2021, 11, 1403.	1.8	5
9634	Primary mesenchymal stromal cells in co-culture with leukaemic HL-60 cells are sensitised to cytarabine-induced genotoxicity, while leukaemic cells are protected. <i>Mutagenesis</i> , 2021, 36, 419-428.	1.0	6
9635	Mesenchymal stem cell therapy efficacy in COVID-19 patients: A systematic review and meta-analysis. <i>F1000Research</i> , 0, 10, 956.	0.8	1
9636	Characterization of Urine Derived Stem Cells from Patients with End-Stage Liver Diseases and Application to Induced Acute and Chronic Liver Injury of Nude Mice Model. <i>Stem Cells and Development</i> , 2021, 30, 1126-1138.	1.1	4
9637	Bone marrow CD73+ mesenchymal stem cells display increased stemness in vitro and promote fracture healing in vivo. <i>Bone Reports</i> , 2021, 15, 101133.	0.2	4
9638	Pharmacological Approaches and Regeneration of Bone Defects with Dental Pulp Stem Cells. <i>Stem Cells International</i> , 2021, 2021, 1-7.	1.2	4
9639	Cell-based regenerative medicine for renovascular disease. <i>Trends in Molecular Medicine</i> , 2021, 27, 882-894.	3.5	8
9640	Therapeutic Implications of Mesenchymal Stromal Cells and Their Extracellular Vesicles in Autoimmune Diseases: From Biology to Clinical Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10132.	1.8	13
9641	Looking at time dependent differentiation of mesenchymal stem cells by culture media using MALDI-TOF-MS. <i>Cell and Tissue Banking</i> , 2022, 23, 653-668.	0.5	2
9642	Current understanding of mesenchymal stem cells in liver diseases. <i>World Journal of Stem Cells</i> , 2021, 13, 1349-1359.	1.3	10
9643	Current evidence on potential of adipose derived stem cells to enhance bone regeneration and future projection. <i>World Journal of Stem Cells</i> , 2021, 13, 1248-1277.	1.3	9
9644	Role of Extracellular Vesicles from Adipose Tissue- and Bone Marrow-Mesenchymal Stromal Cells in Endothelial Proliferation and Chondrogenesis. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1680-1695.	1.6	25
9645	Bone Marrow Concentrate Mesenchymal Stromal Cells Do not Correlate With Nucleated Cell Count or Colony Forming Units. <i>Journal of Cartilage & Joint Preservation</i> , 2021, 1, 100017.	0.2	2
9646	Engineered mesenchymal stromal cell therapy during human lung exâ€“vivo lung perfusion is compromised by acidic lung microenvironment. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 23, 184-197.	1.8	13
9647	The Role of Stem Cells and Their Derived Extracellular Vesicles in Restoring Female and Male Fertility. <i>Cells</i> , 2021, 10, 2460.	1.8	9
9648	Characterization and Molecular Verification of Surface Markers Expression and Pluripotency of Whartonâ€™s Jelly Derived Mesenchymal Stem Cells (WJ-MSCs). <i>Cell and Tissue Biology</i> , 2021, 15, 434-444.	0.2	1

#	ARTICLE	IF	CITATIONS
9649	Stem Cells in Autologous Microfragmented Adipose Tissue: Current Perspectives in Osteoarthritis Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10197.	1.8	21
9651	Stem cells characterization: OMICS reinforcing analytics. <i>Current Opinion in Biotechnology</i> , 2021, 71, 175-181.	3.3	6
9652	Mesenchymal stromal cell therapy for coronavirus disease 2019: which? when? and how much?. <i>Cytotherapy</i> , 2021, 23, 861-873.	0.3	9
9653	Protective action of ultrasound-guided intraparenchymal transplantation of BMSCs in adriamycin nephropathy rats through the RIPK3/MLKL and NLRP3 pathways. <i>Acta Histochemica</i> , 2021, 123, 151773.	0.9	2
9654	Exosomes miR-15a promotes nucleus pulposus-mesenchymal stem cells chondrogenic differentiation by targeting MMP-3. <i>Cellular Signalling</i> , 2021, 86, 110083.	1.7	15
9655	Chondro-inductive hyaluronic acid/chitosan coacervate-based scaffolds for cartilage tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 300-312.	3.6	17
9656	The hernia sacâ€”A suitable source for obtaining mesenchymal stem cells. <i>Surgery Open Science</i> , 2021, 6, 40-44.	0.5	0
9657	Generation of Mesenchymal Cell Lines Derived from Aged Donors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10667.	1.8	7
9658	Three-dimensional culture method enhances the therapeutic efficacies of tonsil-derived mesenchymal stem cells in murine chronic colitis model. <i>Scientific Reports</i> , 2021, 11, 19589.	1.6	5
9659	The disc-shaped microcarriers: A new tool for increasing harvesting of adipose-derived mesenchymal stromal cells. <i>Biochemical Engineering Journal</i> , 2021, 174, 108082.	1.8	3
9660	Current Status of Cell-Based Therapies for COVID-19: Evidence From Mesenchymal Stromal Cells in Sepsis and ARDS. <i>Frontiers in Immunology</i> , 2021, 12, 738697.	2.2	14
9661	Mesenchymal stromal cell extracellular vesicles as therapy for acute and chronic respiratory diseases: A metaâ€”analysis. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12141.	5.5	31
9662	An in vitro analysis of the effect of hyperosmolarity on the chondrogenic potential of human articular cartilage derived chondroprogenitors. <i>Tissue and Cell</i> , 2021, 72, 101590.	1.0	1
9663	Assessment of a novel activity of <i>Acacia nilotica</i> leaf extract for chondrogenesis induction of Mesenchymal stem cells for dental applications. <i>Phytomedicine Plus</i> , 2021, 1, 100087.	0.9	2
9664	Microrna analysis of human decidua mesenchymal stromal cells from preeclampsia patients. <i>Placenta</i> , 2021, 115, 12-19.	0.7	6
9665	Application of regenerative medicine to salivary gland hypofunction. <i>Japanese Dental Science Review</i> , 2021, 57, 54-59.	2.0	13
9666	Canine dental pulp and umbilical cord-derived mesenchymal stem cells as alternative sources for cell therapy in dogs. <i>Research in Veterinary Science</i> , 2021, 140, 117-124.	0.9	5
9667	Age-associated changes in microRNAs affect the differentiation potential of human mesenchymal stem cells: Novel role of miR-29b-1-5p expression. <i>Bone</i> , 2021, 153, 116154.	1.4	9

#	ARTICLE	IF	CITATIONS
9668	Application of mesenchymal stem cells in corneal regeneration. <i>Tissue and Cell</i> , 2021, 73, 101600.	1.0	12
9669	Efficacy of chitinase-3-like protein 1 as an in vivo bone formation predictable marker of maxillary/mandibular bone marrow stromal cells. <i>Regenerative Therapy</i> , 2021, 18, 38-50.	1.4	3
9670	Exosomes secreted from human umbilical cord mesenchymal stem cells promote pancreatic ductal adenocarcinoma growth by transferring miR-100-5p. <i>Tissue and Cell</i> , 2021, 73, 101623.	1.0	14
9671	Development and validation of a new method to isolate, expand, and differentiate circulating osteogenic precursor (COP) cells. <i>Bone Reports</i> , 2021, 15, 101109.	0.2	4
9672	The osteogenic differentiation of human bone marrow stromal cells induced by nanofiber scaffolds using bioinformatics. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166245.	1.8	0
9673	Biomaterial control of adipose-derived stem/stromal cell differentiation. , 2022, , 313-346.		0
9674	Stem Cells and Progenitor Cells in Interstitial Lung Disease. , 2022, , 158-168.		2
9675	Establishing the adipose stem cell identity: Characterization assays and functional properties. , 2022, , 23-56.		4
9676	Human pluripotent nontumorigenic multilineage differentiating stress enduring (Muse) cells isolated from adipose tissue: A new paradigm in regenerative medicine and cell therapy. , 2022, , 91-108.		0
9677	New perspectives for mesenchymal stromal cells as an adjuvant therapy for infectious disease-associated encephalopathies. <i>Neural Regeneration Research</i> , 2022, 17, 48.	1.6	3
9678	Regenerative Medicine for Equine Musculoskeletal Diseases. <i>Animals</i> , 2021, 11, 234.	1.0	22
9679	Scalable Production of Equine Platelet Lysate for Multipotent Mesenchymal Stromal Cell Culture. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 613621.	2.0	12
9680	Combination of mesenchymal stromal cells and machine perfusion is a novel strategy for organ preservation in solid organ transplantation. <i>Cell and Tissue Research</i> , 2021, 384, 13-23.	1.5	2
9681	Impact of 2 Gy γ -irradiation on the hallmark characteristics of human bone marrow-derived MSCs. <i>International Journal of Hematology</i> , 2021, 113, 703-711.	0.7	2
9682	Autologous activated omental versus allogeneic adipose tissue-derived mesenchymal stem cells in corneal alkaline injury: An experimental study. <i>Journal of Current Ophthalmology</i> , 2021, 33, 136.	0.3	5
9683	Comparative Analysis of Mesenchymal Stem Cell Cultivation in Fetal Calf Serum, Human Serum, and Platelet Lysate in 2D and 3D Systems. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 598389.	2.0	22
9684	Wilms' Tumor Primary Cells Display Potent Immunoregulatory Properties on NK Cells and Macrophages. <i>Cancers</i> , 2021, 13, 224.	1.7	11
9685	Study of Mesenchymal Stem Cell-Mediated Mitochondrial Transfer in In Vitro Models of Oxidant-Mediated Airway Epithelial and Smooth Muscle Cell Injury. <i>Methods in Molecular Biology</i> , 2021, 2269, 93-105.	0.4	10

#	ARTICLE	IF	CITATIONS
9686	The effect of bone marrow-derived stem cells associated with platelet-rich plasma on the osseointegration of immediately placed implants. <i>Journal of Clinical and Experimental Dentistry</i> , 2021, 13, e8-e13.	0.5	5
9687	Application of mesenchymal stem cell therapy for aging frailty: from mechanisms to therapeutics. <i>Theranostics</i> , 2021, 11, 5675-5685.	4.6	36
9688	Proteomic Analysis of the Secretome and Exosomes of Feline Adipose-Derived Mesenchymal Stem Cells. <i>Animals</i> , 2021, 11, 295.	1.0	7
9689	Promising improvement of chronic lateral elbow tendinopathy by using adipose derived mesenchymal stromal cells: a pilot study. <i>Journal of Experimental Orthopaedics</i> , 2021, 8, 6.	0.8	15
9690	Mesenchymal stem cells and exosomes in tissue regeneration and remodeling. , 2021, , 159-185.		0
9691	Combined Use of Chitosan and Olfactory Mucosa Mesenchymal Stem/Stromal Cells to Promote Peripheral Nerve Regeneration In Vivo. <i>Stem Cells International</i> , 2021, 2021, 1-32.	1.2	25
9692	CXCR4 expression by mesenchymal stromal cells is lost after use of enzymatic dissociation agents, but preserved by use of non-enzymatic methods. <i>International Journal of Hematology</i> , 2021, 113, 5-9.	0.7	3
9693	Biophysical phenotyping of mesenchymal stem cells along the osteogenic differentiation pathway. <i>Cell Biology and Toxicology</i> , 2021, 37, 915-933.	2.4	8
9694	Impact of Injection Frequency of Adipose-Derived Stem Cells on Allogeneic Skin Graft Survival Outcomes in Mice. <i>Cell Transplantation</i> , 2021, 30, 096368972110419.	1.2	6
9695	Comparative analysis of mouse bone marrow and adipose tissue mesenchymal stem cells for critical limb ischemia cell therapy. <i>Stem Cell Research and Therapy</i> , 2021, 12, 58.	2.4	27
9696	Characterisation of ovine bone marrow-derived stromal cells (oBMSC) and evaluation of chondrogenically induced micro-pellets for cartilage tissue repair in vivo. <i>Stem Cell Research and Therapy</i> , 2021, 12, 26.	2.4	9
9697	Using inhibition of the adipogenesis of adipose-derived stem cells in vitro for toxicity prediction. <i>MethodsX</i> , 2021, 8, 101515.	0.7	2
9698	Adipose Derived Mesenchymal Stem Cells Restore Spermatogenesis in Male non Obstructive Azoospermia (Literature Review). <i>Biomedical Chemistry Research and Methods</i> , 2021, 4, e00141.	0.1	0
9699	Biologics: Inherent Challenges. , 2021, , 1251-1268.		0
9700	Investigation of the MSC Paracrine Effects on Alveolarâ€œCapillary Barrier Integrity in the In Vitro Models of ARDS. <i>Methods in Molecular Biology</i> , 2021, 2269, 63-81.	0.4	2
9701	To Breathe or Not to Breathe: The Role of Oxygen in Bone Marrow-Derived Mesenchymal Stromal Cell Senescence. <i>Stem Cells International</i> , 2021, 2021, 1-10.	1.2	6
9702	Keratinocyte-Like Cells Trans-Differentiated from Human Adipose-Derived Stem Cells, Facilitate Skin Wound Healing in Mice. <i>Annals of Dermatology</i> , 2021, 33, 324.	0.3	6
9703	Angiogenesis in Regenerative Dentistry: Are We Far Enough for Therapy?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 929.	1.8	10

#	ARTICLE	IF	CITATIONS
9705	The clinical efficacy of arthroscopic therapy with knee infrapatellar fat pad cell concentrates in treating knee cartilage lesion: a prospective, randomized, and controlled study. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 87.	0.9	9
9706	Mammalian yolk sac - an alternative source of stem cells. <i>Revista Brasileira De Medicina Veterinaria</i> , 2021, 43, e001221.	0.1	1
9708	Mesenchymal stem cell carriers enhance anti-tumor efficacy of oncolytic virotherapy (Review). <i>Oncology Letters</i> , 2021, 21, 238.	0.8	5
9709	Mesenchymal Stromal Cells as a Cellular Target in Myeloid Malignancy: Chances and Challenges in the Genome Editing of Stromal Alterations. <i>Frontiers in Genome Editing</i> , 2020, 2, 618308.	2.7	2
9710	Mesenchymal stromal cell products for intra-articular knee injections for conservative management of osteoarthritis. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2021, 13, 1759720X2199695.	1.2	11
9712	Genetic modification by overexpression of target gene in mesenchymal stromal cell for treating liver diseases. <i>Journal of Molecular Medicine</i> , 2021, 99, 179-192.	1.7	7
9713	Evaluation of Extracellular Vesicles from Adipose Tissue-Derived Mesenchymal Stem Cells in Primary Human Chondrocytes from Patients with Osteoarthritis. <i>Methods in Molecular Biology</i> , 2021, 2269, 221-231.	0.4	3
9714	Overview of current adipose-derived stem cell (ADSCs) processing involved in therapeutic advancements: flow chart and regulation updates before and after COVID-19. <i>Stem Cell Research and Therapy</i> , 2021, 12, 1.	2.4	210
9715	Human Amnion-Derived Mesenchymal Stromal Cells in Cirrhotic Patients with Refractory Ascites: A Possible Anti-Inflammatory Therapy for Preventing Spontaneous Bacterial Peritonitis. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 981-998.	1.7	6
9716	Î±-Tocopherol Acetate Attenuates Mitochondrial Oxygen Consumption and Maintains Primitive Cells within Mesenchymal Stromal Cell Population. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1390-1405.	1.7	2
9717	Mesenchymal Stem Cells Enhance Therapeutic Effect and Prevent Adverse Gastrointestinal Reaction of Methotrexate Treatment in Collagen-Induced Arthritis. <i>Stem Cells International</i> , 2021, 2021, 1-12.	1.2	12
9718	Machine Learning in Stem Cells Research: Application for Biosafety and Bioefficacy Assessment. <i>IEEE Access</i> , 2021, 9, 25926-25945.	2.6	8
9719	The Role of Notch and Wnt Signaling in MSC Communication in Normal and Leukemic Bone Marrow Niche. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 599276.	1.8	30
9720	Interleukin-1 β Induced Matrix Metalloproteinase Expression in Human Periodontal Ligament-Derived Mesenchymal Stromal Cells under In Vitro Simulated Static Orthodontic Forces. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1027.	1.8	12
9721	Assessing the Resident Progenitor Cell Population and the Vascularity of the Adult Human Meniscus. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 252-265.	1.3	26
9722	Resident vs nonresident multipotent mesenchymal stromal cell interactions with B lymphocytes result in disparate outcomes. <i>Stem Cells Translational Medicine</i> , 2021, 10, 711-724.	1.6	8
9723	Ascorbic Acid: A New Player of Epigenetic Regulation in LPS-gingivalis Treated Human Periodontal Ligament Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	32
9724	Sandwich-Type Near-Infrared Conjugated Polymer Nanoparticles for Revealing the Fate of Transplanted Human Umbilical Cord Mesenchymal Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3512-3520.	4.0	5

#	ARTICLE	IF	CITATIONS
9725	Investigation of the antioxidant defensive role of both AD-MSCs and BM-MSCs in modulating the alteration in the oxidative stress status in various STZ-diabetic ratsâ€™ tissues. <i>Biocell</i> , 2021, 45, 1561-1568.	0.4	3
9726	Applications of Stem cells Technology in Livestock Production. <i>Sustainable Agriculture Reviews</i> , 2021, , 131-151.	0.6	0
9727	Biological Roles and Delivery Strategies for Ions to Promote Osteogenic Induction. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 614545.	1.8	39
9730	Extracellular vesicles from human multipotent stromal cells protect against hearing loss after noise trauma in vivo. <i>Clinical and Translational Medicine</i> , 2020, 10, e262.	1.7	28
9731	Exosome-educated macrophages and exosomes differentially improve ligament healing. <i>Stem Cells</i> , 2021, 39, 55-61.	1.4	40
9732	Urine stem cells are equipped to provide B cell survival signals. <i>Stem Cells</i> , 2021, 39, 803-818.	1.4	7
9733	Mesenchymal stem cell immunomodulation: In pursuit of controlling COVID-19 related cytokine storm. <i>Stem Cells</i> , 2021, 39, 707-722.	1.4	42
9734	Identification of Adult Stem and Progenitor Cells in the Pulmonary Vasculature. , 2011, , 621-636.		1
9735	Improved Isolation of Human Vascular Wallâ€™Resident Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2020, 2155, 71-81.	0.4	4
9736	Adult Stem Cel Differentiation and Trafficking And Their Implications in Disease. <i>Advances in Experimental Medicine and Biology</i> , 2010, 695, 169-183.	0.8	7
9737	Whartonâ€™s Jelly-Derived Mesenchymal Stromal Cells as Immunoregulatory Cells. , 2013, , 87-105.		1
9738	Stem Cells: The Holy Grail of Regenerative Medicine. , 2014, , 19-69.		5
9739	Adipocytes, Lipid Metabolism, and Hematopoiesis. , 2012, , 31-45.		1
9740	Progenitor Cells: Role and Usage in Bone Tissue Engineering Approaches for Spinal Fusion. <i>Advances in Experimental Medicine and Biology</i> , 2012, 760, 188-210.	0.8	8
9741	Mesenchymal Stromal Cells in Regenerative Medicine: A Perspective. , 2013, , 3-16.		6
9742	MSCs for Graft-Versus-Host Disease. , 2013, , 455-465.		2
9743	MSCs for Diabetes. , 2013, , 571-597.		4
9744	Stem Cells and Tissue Engineering in Burns and Wounds. , 2013, , 399-409.		3

#	ARTICLE	IF	CITATIONS
9745	Potential Use of Dental Stem Cells for Craniofacial Tissue Regeneration. <i>Pancreatic Islet Biology</i> , 2013, , 105-124.	0.1	2
9746	Stem Cells in Wound Healing. <i>Pancreatic Islet Biology</i> , 2013, , 175-197.	0.1	1
9747	Label-Free Imaging of Adipogenesis by Coherent Anti-Stokes Raman Scattering Microscopy. <i>Methods in Molecular Biology</i> , 2014, 1142, 189-201.	0.4	2
9748	Stem Cells of the Human Corneoscleral Niche. <i>Pancreatic Islet Biology</i> , 2014, , 215-239.	0.1	1
9749	Treatment of Liver Disease Using Placental Stem Cells: Feasibility of Placental Stem Cells in Liver Diseases: Potential Implication of New Cell Therapy-Based Strategies for Hepatic Diseases. , 2014, , 159-170.		3
9750	Bone Regeneration Using Wharton's Jelly Mesenchymal Stem Cells. , 2014, , 299-311.		1
9751	Towards Clinical Applications of Umbilical Cord Derived Mesenchymal Stem Cells. , 2014, , 347-359.		5
9752	Dental Pulp Stem Cells Isolation and Osteogenic Differentiation: A Good Promise for Tissue Engineering. <i>Methods in Molecular Biology</i> , 2014, 1210, 117-130.	0.4	13
9753	Stem Cells: Are We Ready for Therapy?. <i>Methods in Molecular Biology</i> , 2014, 1213, 3-21.	0.4	4
9754	Angiogenic Properties of Mesenchymal Stem Cells in a Mouse Model of Limb Ischemia. <i>Methods in Molecular Biology</i> , 2014, 1213, 147-169.	0.4	12
9755	Isolation of Adult Stem Cell Populations from the Human Cornea. <i>Methods in Molecular Biology</i> , 2015, 1235, 165-177.	0.4	2
9756	Culturing Protocols for Human Multipotent Adult Stem Cells. <i>Methods in Molecular Biology</i> , 2015, 1235, 49-58.	0.4	8
9757	Mesenchymal Stem Cells Derived from Human Bone Marrow. <i>Methods in Molecular Biology</i> , 2015, 1340, 41-52.	0.4	53
9759	Amniotic Fluid Stem Cell Populations. <i>Pancreatic Islet Biology</i> , 2016, , 167-179.	0.1	2
9760	Human Mesenchymal Stem Cells: Basic Biology and Clinical Applications for Bone Tissue Regeneration. , 2009, , 177-190.		4
9761	Derivation of Mesenchymal Stem Cells from Human Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2011, 690, 175-182.	0.4	18
9762	Panel Development for Multicolor Flow-Cytometry Testing of Proliferation and Immunophenotype in hMSCs. <i>Methods in Molecular Biology</i> , 2011, 698, 367-385.	0.4	5
9763	Simplified PCR Assay for Detecting Early Stages of Multipotent Mesenchymal Stromal Cell Differentiation. <i>Methods in Molecular Biology</i> , 2011, 698, 387-403.	0.4	6

#	ARTICLE	IF	CITATIONS
9765	Animal Proteinâ€“Free Expansion of Human Mesenchymal Stem/Progenitor Cells. , 2012, , 53-69.		1
9766	Mesenchymal Stem Cells in Bone and Cartilage Regeneration. , 2013, , 131-153.		3
9767	Human Amniotic Membrane: A Potential Tissue and Cell Source for Cell Therapy and Regenerative Medicine. , 2013, , 55-78.		1
9768	Cellular Cardiomyoplasty: Its Past, Present, and Future. Methods in Molecular Biology, 2013, 1036, 1-17.	0.4	6
9769	Change in Functional State of Bone Marrow-Derived Mesenchymal Stem Cells After Incubation with Silver Nanoparticles. Springer Proceedings in Physics, 2019, , 273-282.	0.1	2
9770	Stem Cell Therapies for Tissue Regeneration and Wound Healing: Strategies to Enhance Therapeutic Effectiveness. , 2019, , 187-199.		2
9771	Heterogeneity of Adult Cardiac Stem Cells. Advances in Experimental Medicine and Biology, 2019, 1169, 141-178.	0.8	22
9772	Metabolic Profiling of the Mesenchymal Stem Cellsâ€™ Secretome. Pancreatic Islet Biology, 2019, , 67-81.	0.1	5
9773	The Potential of Factors Released from Mesenchymal Stromal Cells as Therapeutic Agents in the Lung. , 2019, , 57-70.		1
9774	Stem Cell Based Therapy for Lung Disease Preclinical evidence for the role of stem/stromal cells Clinical application of stem/stromal cells in lung fibrosis. , 2019, , 119-130.		1
9775	Paving the Road for Mesenchymal Stem Cell-Derived Exosome Therapy in Bronchopulmonary Dysplasia and Pulmonary Hypertension. , 2019, , 131-152.		15
9776	Cellular Therapy for Ischemic Heart Disease: An Update. Advances in Experimental Medicine and Biology, 2019, 1201, 195-213.	0.8	18
9777	Targeting Purinergic Signaling and Cell Therapy in Cardiovascular and Neurodegenerative Diseases. Advances in Experimental Medicine and Biology, 2019, 1201, 275-353.	0.8	8
9778	Mesenchymal Stem Cells in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1234, 31-42.	0.8	79
9779	Tissue Engineering Modalities and Nanotechnology. Learning Materials in Biosciences, 2020, , 289-322.	0.2	4
9780	Intrastriatal transplantation of mouse bone marrow-derived stem cells improves motor behavior in a mouse model of Parkinsonâ€™s disease. , 2007, , 133-143.		49
9781	Dental Pulp Stem Cells in Tissue Engineering and Regenerative Medicine: Opportunities for Translational Research. Pancreatic Islet Biology, 2017, , 171-196.	0.1	1
9782	Stem Cell Therapy in the Treatment of Rheumatic Diseases and Application in the Treatment of Systemic Lupus Erythematosus. , 2017, , 167-198.		2

#	ARTICLE	IF	CITATIONS
9783	Stem Cell Regulation by Death Ligands and Their Use in Cell Therapy. Resistance To Targeted Anti-cancer Therapeutics, 2017, , 107-129.	0.1	1
9784	The Influence of Cultivation Conditions on the Proliferation and Differentiation of Rat Bone Marrow Multipotent Mesenchymal Stromal Cells. IFMBE Proceedings, 2008, , 41-44.	0.2	2
9785	Isolation and Growth of Stem Cells. , 2011, , 93-111.		4
9786	Differentiation Potential of Adult Human Mesenchymal Stem Cells. , 2011, , 61-77.		27
9787	Future Research in Adipose Stem Cell Engineering. , 2011, , 257-272.		3
9788	Storage of Adipose Stem Cells. , 2011, , 83-92.		2
9790	Scaffold-Free Endogenous Healing of the Articular Cartilage Lesion. , 2014, , 1-15.		1
9791	Pericytes: a Ubiquitous Source of Multipotent Adult Tissue Stem Cells. , 2014, , 135-148.		8
9792	Nanocrystalline Apatite-Based Biomaterials and Stem Cells in Orthopaedics. Springer Series in Biomaterials Science and Engineering, 2014, , 373-390.	0.7	8
9793	Cell Culture Approaches for Articular Cartilage: Repair and Regeneration. , 2017, , 161-172.		2
9794	Current State for Clinical Use of Stem Cells and Platelet-Rich Plasma. , 2017, , 105-124.		1
9795	Use of Stem Cells for Regeneration of the Intervertebral Disc. , 2014, , 373-383.		2
9796	Mesenchymal Stem Cells: An Oversimplified Nomenclature for Extremely Heterogeneous Progenitors. , 2011, , 377-395.		3
9797	Treatment of Graft-Versus-Host Disease Using Allogeneic Mesenchymal Stem Cells. , 2012, , 249-258.		1
9798	Heterogeneous Responses of Human Bone Marrow Stromal Cells (Multipotent Mesenchymal Stromal) Tj ETQq0 0 0 rgBT /Overlock 10 T		2
9799	Chondrocytes and Mesenchymal Stem Cells in Cartilage Tissue Engineering and in the Regenerative Therapy of Joint Diseases. , 2012, , 287-293.		2
9800	A Historical Overview and Concepts of Mesenchymal Stem Cells. , 2013, , 3-15.		2
9801	Bone Marrow Stem Cells: Source, Characterization, Isolation, Culture, and Identification. , 2017, , 37-53.		1

#	ARTICLE	IF	CITATIONS
9803	Regulation of Stem Cell Functions by Micro-Patterned Structures. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1250, 141-155.	0.8	4
9804	An update on stem cell therapy for Asherman syndrome. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1511-1529.	1.2	38
9805	What Entity Could Be Called a Stem Cell?. , 2016, , 3-15.		2
9806	Role of MSCs in Antitumor Drug Resistance. , 2017, , 295-333.		1
9807	Analysis of Time to Form Colony Units for Connective Tissue Progenitor Cells (Stem Cells) Harvested From Concentrated Bone Marrow Aspirate and Subacromial Bursa Tissue in Patients Undergoing Rotator Cuff Repair. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2020, 2, e629-e636.	0.8	11
9808	Preliminary Clinical Outcomes Following Biologic Augmentation of Arthroscopic Rotator Cuff Repair Using Subacromial Bursa, Concentrated Bone Marrow Aspirate, and Platelet-Rich Plasma. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2020, 2, e803-e813.	0.8	21
9809	The miR-532-3p/Chrdl1 axis regulates the proliferation and migration of amniotic fluid-derived mesenchymal stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 187-193.	1.0	9
9810	What do we know about bone morphogenetic proteins and osteochondroprogenitors in inflammatory conditions?. <i>Bone</i> , 2020, 137, 115403.	1.4	23
9811	Human Placental MSC-Secreted IL-1 β Enhances Neutrophil Bactericidal Functions during Hypervirulent Klebsiella Infection. <i>Cell Reports</i> , 2020, 32, 108188.	2.9	18
9812	Pressure-Driven Mitochondrial Transfer Pipeline Generates Mammalian Cells of Desired Genetic Combinations and Fates. <i>Cell Reports</i> , 2020, 33, 108562.	2.9	21
9813	Proliferative and osteogenic differentiation capacity of mesenchymal stromal cells: Influence of harvesting site and donor age. <i>Injury</i> , 2018, 49, 1504-1512.	0.7	18
9814	The neurotrophic potential of human platelet lysate substitution for fetal bovine serum in glial induction culture medium. <i>Neuroscience Letters</i> , 2020, 730, 135025.	1.0	3
9815	Rotator Cuff Repair: A Biological Approach to Improve Outcomes. <i>Operative Techniques in Sports Medicine</i> , 2020, 28, 150757.	0.2	3
9816	Adipose-derived mesenchymal stem cells and extracellular vesicles confer antitumor activity in preclinical treatment of breast cancer. <i>Pharmacological Research</i> , 2020, 157, 104843.	3.1	37
9817	Effect of peripheral blood-derived mesenchymal stem cells on macrophage polarization and Th17/Treg balance in vitro. <i>Regenerative Therapy</i> , 2020, 14, 275-283.	1.4	20
9818	Effect of Cord Blood Platelet Gel on wound healing capacity of human Mesenchymal Stromal Cells. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102734.	0.5	7
9819	Application of Amniotic Stem Cells on an Acellular Dermal Matrix Scaffold in a Burned Patient: A Case Report. <i>Transplantation Proceedings</i> , 2020, 52, 2563-2569.	0.3	7
9820	Mesenchymal stem cells for bone repair and metabolic bone diseases. <i>Mayo Clinic Proceedings</i> , 2009, 84, 893-902.	1.4	86

#	ARTICLE	IF	CITATIONS
9821	Three-dimensional map of nonhematopoietic bone and bone-marrow cells and molecules. <i>Nature Biotechnology</i> , 2017, 35, 1202-1210.	9.4	104
9822	“Good things come in small packages” application of exosome-based therapeutics in neonatal lung injury. <i>Pediatric Research</i> , 2018, 83, 298-307.	1.1	48
9823	Molecular signature of progenitor cells isolated from young and adult human hearts. <i>Scientific Reports</i> , 2018, 8, 9266.	1.6	19
9824	PPAR γ -mediated mitochondrial rewiring of osteoblasts determines bone mass. <i>Scientific Reports</i> , 2020, 10, 8428.	1.6	14
9825	Bone marrow stromal cell therapy improves survival after radiation injury but does not restore endogenous hematopoiesis. <i>Scientific Reports</i> , 2020, 10, 22211.	1.6	12
9826	Single-cell RNA-seq of cultured human adipose-derived mesenchymal stem cells. <i>Scientific Data</i> , 2019, 6, 190031.	2.4	58
9827	Effective Tissue Repair and Immunomodulation by Mesenchymal Stem Cells within a Milieu of Cytokines. , 2010, , 346-365.		3
9828	Stem/progenitor cells in liver injury repair and regeneration. <i>Biology of the Cell</i> , 2009, 101, 557-571.	0.7	47
9829	Hurdles to uptake of mesenchymal stem cells and their progenitors in therapeutic products. <i>Biochemical Journal</i> , 2020, 477, 3349-3366.	1.7	11
9830	Mesenchymal stem cells significantly improved treatment effects of Linezolid on severe pneumonia in a rabbit model. <i>Bioscience Reports</i> , 2019, 39, .	1.1	10
9831	Mesenchymal stem cell-derived secretomes for therapeutic potential of premature infant diseases. <i>Bioscience Reports</i> , 2020, 40, .	1.1	9
9832	Evaluation of epithelial progenitor cells and growth factors in a preclinical model of wound healing induced by mesenchymal stromal cells. <i>Bioscience Reports</i> , 2020, 40, .	1.1	4
9833	Synovium-derived stromal cell-induced osteoclastogenesis: a potential osteoarthritis trigger. <i>Clinical Science</i> , 2019, 133, 1813-1824.	1.8	4
9834	Synovial Fluid Mesenchymal Stem Cells for Knee Arthritis and Cartilage Defects: A Review of the Literature. <i>Journal of Knee Surgery</i> , 2021, 34, 1476-1485.	0.9	6
9835	Mesenchymal Stem Cell-Derived Extracellular Vesicles: A Novel Cell-Free Therapy. <i>Immunological Investigations</i> , 2020, 49, 758-780.	1.0	51
9836	Adipose-derived stem cells sustain prolonged angiogenesis through leptin secretion. <i>Growth Factors</i> , 2016, 34, 87-96.	0.5	27
9837	Optimizing adipogenic transdifferentiation of bovine mesenchymal stem cells: a prominent role of ascorbic acid in <i>FABP4</i> induction. <i>Adipocyte</i> , 2020, 9, 35-50.	1.3	15
9838	SENP1 is required for the growth, migration, and survival of human adipose-derived stem cells. <i>Adipocyte</i> , 2021, 10, 38-47.	1.3	4

#	ARTICLE	IF	CITATIONS
9839	Human endometrial perivascular stem cells exhibit a limited potential to regenerate endometrium after xenotransplantation. <i>Human Reproduction</i> , 2021, 36, 145-159.	0.4	11
9840	Defined serum-free three-dimensional culture of umbilical cord-derived mesenchymal stem cells yields exosomes that promote fibroblast proliferation and migration in vitro. <i>FASEB Journal</i> , 2021, 35, e21206.	0.2	21
9841	Atrophic nonunion stromal cells form bone and recreate the bone marrow environment in vivo. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2018, 1, e008.	0.4	7
9842	Does Water-Jet Force Affect Cryopreserved Adipose-Derived Stem Cells? Evidence of Improved Cell Viability and Fat Graft Survival. <i>Annals of Plastic Surgery</i> , 2021, 87, 199-205.	0.5	2
9843	Therapeutic effect of autologous compact bone-derived mesenchymal stem cell transplantation on prion disease. <i>Journal of General Virology</i> , 2017, 98, 2615-2627.	1.3	13
9844	Human adipose tissue-derived mesenchymal stem/stromal cells adhere to and inhibit the growth of <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Medical Microbiology</i> , 2018, 67, 1789-1795.	0.7	15
9870	Double-edged sword of mesenchymal stem cells: Cancer-promoting versus therapeutic potential. <i>Cancer Science</i> , 2017, 108, 1939-1946.	1.7	156
9871	Experimental approach to nasal septal cartilage regeneration with adipose tissue-derived stem cells and decellularized porcine septal cartilage. <i>Xenotransplantation</i> , 2021, 28, e12660.	1.6	9
9872	Adipose stem cells for bone tissue repair. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2017, 14, 217.	1.0	48
9873	Beyond 2D: effects of photobiomodulation in 3D tissue-like systems. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	1.4	11
9874	Adult Stem Cells for Articular Cartilage Tissue Engineering. , 2011, , 211-230.		3
9875	Acute Respiratory Distress Syndrome: The Role of Mesenchymal Stem Cells and Arising Complications Due to an Aging Lung. , 2016, , 181-196.		1
9876	<Original Article>Hypoxia enhances proliferation through increase of colony formation rate with chondrogenic potential in primary synovial mesenchymal stem cells. <i>Journal of Medical and Dental Sciences</i> , 2016, 63, 61-70.	0.4	6
9877	Characterization of Myelomonocytoid Progenitor Cells with Mesenchymal Differentiation Potential Obtained by Outgrowth from Pancreas Explants. <i>Biotechnology Research International</i> , 2012, 2012, 1-12.	1.4	1
9878	Isolation and Characterisation of Mesenchymal Stem Cells from Different Regions of the Human Umbilical Cord. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	107
9879	The Effect of Blood-Derived Products on the Chondrogenic and Osteogenic Differentiation Potential of Adipose-Derived Mesenchymal Stem Cells Originated from Three Different Locations. <i>Stem Cells International</i> , 2019, 2019, 1-20.	1.2	16
9880	Human Mesenchymal Stem Cells: The Present Alternative for High-Incidence Diseases, Even SARS-Cov-2. <i>Stem Cells International</i> , 2020, 2020, 1-13.	1.2	14
9881	Evaluación de la Fibroína de Seda como Biomaterial de Soporte para el Crecimiento de Células Mesenquimales Estromales de Pulpa Dental. <i>Ars Medica</i> , 2016, 41, 5.	0.1	2

#	ARTICLE	IF	CITATIONS
9882	Improving Culture Conditions, Proliferation, and Migration of Porcine Mesenchymal Stem Cells on Spinal Cord Contusion Injury Model in vitro. <i>Cells Tissues Organs</i> , 2020, 209, 236-247.	1.3	3
9884	Intrathecal Autologous Bone Marrow Derived MSC Therapy in Cerebral Palsy: Safety and Short Term Efficacy. <i>American Journal of Bioscience and Bioengineering</i> , 2015, 3, 24.	0.2	3
9885	A Sulfated Nanofibrous Mesh Supporting the Osteogenic Differentiation of Periosteum-Derived Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2013, 3, 486-493.	0.0	5
9886	Mesenchymal stromal cells shape the MDS microenvironment by inducing suppressive monocytes that dampen NK cell function. <i>JCI Insight</i> , 2020, 5, .	2.3	35
9887	Bone marrow stromal cells from β^2 -thalassemia patients have impaired hematopoietic supportive capacity. <i>Journal of Clinical Investigation</i> , 2019, 129, 1566-1580.	3.9	46
9888	HLA-B27-mediated activation of TNAP phosphatase promotes pathogenic syndesmophyte formation in ankylosing spondylitis. <i>Journal of Clinical Investigation</i> , 2019, 129, 5357-5373.	3.9	51
9889	Neuroimmune modulation of pain and regenerative pain medicine. <i>Journal of Clinical Investigation</i> , 2020, 130, 2164-2176.	3.9	27
9890	S-nitrosoglutathione reductase-dependent PPAR β denitrosylation participates in MSC-derived adipogenesis and osteogenesis. <i>Journal of Clinical Investigation</i> , 2015, 125, 1679-1691.	3.9	73
9892	Disruption of lineage specification in adult pulmonary mesenchymal progenitor cells promotes microvascular dysfunction. <i>Journal of Clinical Investigation</i> , 2017, 127, 2262-2276.	3.9	35
9893	Amniotic Mesenchymal Stromal Cells Exhibit Preferential Osteogenic and Chondrogenic Differentiation and Enhanced Matrix Production Compared With Adipose Mesenchymal Stromal Cells. <i>American Journal of Sports Medicine</i> , 2017, 45, 2637-2646.	1.9	33
9894	We Need Robust Nomenclature for Orthobiologics: Letter to Editor. <i>American Journal of Sports Medicine</i> , 2020, 48, NP52-NP54.	1.9	6
9895	Mesenchymal stromal cell extracellular vesicles rescue mitochondrial dysfunction and improve barrier integrity in clinically relevant models of ARDS. <i>European Respiratory Journal</i> , 2021, 58, 2002978.	3.1	94
9896	Recovery and maintenance of NESTIN expression in umbilical cord-MSC using a novel culture medium. <i>AMB Express</i> , 2020, 10, 132.	1.4	4
9897	Immunobiology of Biomaterial/ Mesenchymal Stem Cell Interactions. , 2012, , 405-418.		2
9898	Clinical Applications of Mesenchymal Stem Cell-Biomaterial Constructs for Tissue Reconstruction. , 2012, , 479-492.		1
9899	Multipotential Mesenchymal Stromal/Stem Cells in Skeletal Tissue Repair. , 2013, , 82-102.		2
9900	Toll-Like Receptor 3 Activator Preconditioning Enhances Modulatory Function of Adipose-Derived Mesenchymal Stem Cells in a Fully MHC-Mismatched Murine Model of Heterotopic Heart Transplantation. <i>Annals of Transplantation</i> , 2020, 25, e921287.	0.5	7
9901	Therapeutic applications of mesenchymal stroma cells in pediatric diseases: Current aspects and future perspectives. <i>Medical Science Monitor</i> , 2011, 17, RA233-RA239.	0.5	8

#	ARTICLE	IF	CITATIONS
9902	Prostacyclin Suppresses Twist Expression in the Presence of Indomethacin in Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Medical Science Monitor</i> , 2014, 20, 2219-2227.	0.5	6
9903	Proliferation and Differentiation of Rat Osteoporosis Mesenchymal Stem Cells (MSCs) after Telomerase Reverse Transcriptase (TERT) Transfection. <i>Medical Science Monitor</i> , 2015, 21, 845-854.	0.5	16
9904	Phenotypic Characterization of Adherent Cells Population CD34+ CD90+ CD105+ Derived from Wharton's Jelly. <i>Medical Science Monitor</i> , 2017, 23, 1886-1895.	0.5	9
9905	Inhibitory Effect of Sirtuin6 (SIRT6) on Osteogenic Differentiation of Bone Marrow Mesenchymal Stem Cells. <i>Medical Science Monitor</i> , 2019, 25, 8412-8421.	0.5	13
9906	Repeat Administration of Bone Marrow-Derived Mesenchymal Stem Cells for Treatment of Amyotrophic Lateral Sclerosis. <i>Medical Science Monitor</i> , 2020, 26, e927484.	0.5	22
9907	Reprogramming Bone Marrow Stem Cells to Functional Endothelial Cells in a Mini Pig Animal Model. <i>Medical Science Monitor Basic Research</i> , 2017, 23, 285-294.	2.6	5
9908	Fibroblast growth factor-6 enhances CDK2 and MATK expression in microvesicles derived from human stem cells extracted from exfoliated deciduous teeth. <i>F1000Research</i> , 2018, 7, 622.	0.8	4
9909	Commentary on "Surface markers associated with chondrogenic potential of human mesenchymal stromal/stem cells". <i>F1000Research</i> , 2020, 9, 37.	0.8	6
9910	Recent advances in understanding mesenchymal stromal cells. <i>F1000Research</i> , 2020, 9, 156.	0.8	22
9911	The assessment of CD146-based cell sorting and telomere length analysis for establishing the identity of mesenchymal stem cells in human umbilical cord. <i>F1000Research</i> , 2014, 3, 126.	0.8	12
9912	Current perspectives in stem cell therapies for osteoarthritis of the knee. <i>Yeungnam University Journal of Medicine</i> , 2020, 37, 149-158.	0.7	9
9913	Human Platelet Lysates Successfully Replace Fetal Bovine Serum in Adipose-Derived Adult Stem Cell Culture. <i>Journal of Advanced Biotechnology and Bioengineering</i> , 2014, 2, 1-11.	2.3	18
9914	Human Platelet Lysates Promote the Differentiation Potential of Adipose-Derived Adult Stem Cell Cultures. <i>Journal of Advanced Biotechnology and Bioengineering</i> , 2014, 2, 39-48.	2.3	2
9915	Fibrin affects short-term in vitro human mesenchymal stromal cell responses to magneto-active fibre networks. <i>Biomaterials and Biomechanics in Bioengineering</i> , 2015, 2, 143-157.	0.4	1
9916	Status, challenges, and future prospects of stem cell therapy in pelvic floor disorders. <i>World Journal of Clinical Cases</i> , 2020, 8, 1400-1413.	0.3	12
9917	A clinical perspective to mesenchymal stem cell-based musculoskeletal regeneration. <i>OA Musculoskeletal Medicine</i> , 2013, 1, .	0.2	3
9918	Adipose derived stem cells (ASC) in wound healing: Recent results in vitro and in vivo. <i>OA Molecular and Cell Biology</i> , 2013, 1, .	0.1	19
9919	Expression of Stem Cell Markers in the Human Fetal Kidney. <i>PLoS ONE</i> , 2009, 4, e6709.	1.1	110

#	ARTICLE	IF	CITATIONS
9920	Epigenetic Signatures Associated with Different Levels of Differentiation Potential in Human Stem Cells. PLoS ONE, 2009, 4, e7809.	1.1	96
9921	Radiation Rescue: Mesenchymal Stromal Cells Protect from Lethal Irradiation. PLoS ONE, 2011, 6, e14486.	1.1	91
9922	Mycoplasma Contamination Revisited: Mesenchymal Stromal Cells Harboring Mycoplasma hyorhinis Potently Inhibit Lymphocyte Proliferation In Vitro. PLoS ONE, 2011, 6, e16005.	1.1	15
9923	Bone Marrow-Derived Mesenchymal Stem Cells Ameliorate Hepatic Ischemia Reperfusion Injury in a Rat Model. PLoS ONE, 2011, 6, e19195.	1.1	160
9924	Human Bone Marrow-Derived Stem Cells Acquire Epithelial Characteristics through Fusion with Gastrointestinal Epithelial Cells. PLoS ONE, 2011, 6, e19569.	1.1	94
9925	Mesenchymal Stem Cells in a Transgenic Mouse Model of Multiple System Atrophy: Immunomodulation and Neuroprotection. PLoS ONE, 2011, 6, e19808.	1.1	77
9926	Characteristics of Stem Cells Derived from the Degenerated Human Intervertebral Disc Cartilage Endplate. PLoS ONE, 2011, 6, e26285.	1.1	102
9927	The Response of Vocal Fold Fibroblasts and Mesenchymal Stromal Cells to Vibration. PLoS ONE, 2012, 7, e30965.	1.1	52
9928	CD200 Positive Human Mesenchymal Stem Cells Suppress TNF-Alpha Secretion from CD200 Receptor Positive Macrophage-Like Cells. PLoS ONE, 2012, 7, e31671.	1.1	54
9929	Dopamine Regulates Mobilization of Mesenchymal Stem Cells during Wound Angiogenesis. PLoS ONE, 2012, 7, e31682.	1.1	37
9930	Intraperitoneal but Not Intravenous Cryopreserved Mesenchymal Stromal Cells Home to the Inflamed Colon and Ameliorate Experimental Colitis. PLoS ONE, 2012, 7, e33360.	1.1	112
9931	Cellular Basis of Tissue Regeneration by Omentum. PLoS ONE, 2012, 7, e38368.	1.1	82
9932	Mesenchymal Stromal Cells Improve Salivary Function and Reduce Lymphocytic Infiltrates in Mice with Sjögren's-Like Disease. PLoS ONE, 2012, 7, e38615.	1.1	75
9933	GMP-Compliant Isolation and Large-Scale Expansion of Bone Marrow-Derived MSC. PLoS ONE, 2012, 7, e43255.	1.1	156
9934	Ontological Differences in First Compared to Third Trimester Human Fetal Placental Chorionic Stem Cells. PLoS ONE, 2012, 7, e43395.	1.1	56
9935	Human Mesenchymal Stem Cell Expression Program upon Extended Ex-Vivo Cultivation, as Revealed by 2-DE-Based Quantitative Proteomics. PLoS ONE, 2012, 7, e43523.	1.1	51
9936	Synovial Fluid Progenitors Expressing CD90+ from Normal but Not Osteoarthritic Joints Undergo Chondrogenic Differentiation without Micro-Mass Culture. PLoS ONE, 2012, 7, e43616.	1.1	49
9937	Isolation and Characterization of Canine Amniotic Membrane-Derived Multipotent Stem Cells. PLoS ONE, 2012, 7, e44693.	1.1	37

#	ARTICLE	IF	CITATIONS
9938	Activation of Protease-Activated Receptor 2 Induces VEGF Independently of HIF-1. PLoS ONE, 2012, 7, e46087.	1.1	32
9939	Hypoxia Promotes Osteogenesis but Suppresses Adipogenesis of Human Mesenchymal Stromal Cells in a Hypoxia-Inducible Factor-1 Dependent Manner. PLoS ONE, 2012, 7, e46483.	1.1	157
9940	Human Embryonic Stem Cell-Derived Mesenchymal Stroma Cells (hES-MSCs) Engraft In Vivo and Support Hematopoiesis without Suppressing Immune Function: Implications for Off-The Shelf ES-MSC Therapies. PLoS ONE, 2013, 8, e55319.	1.1	57
9941	Electrofusion of Mesenchymal Stem Cells and Islet Cells for Diabetes Therapy: A Rat Model. PLoS ONE, 2013, 8, e64499.	1.1	30
9942	Porous Tantalum Coatings Prepared by Vacuum Plasma Spraying Enhance BMSCs Osteogenic Differentiation and Bone Regeneration In Vitro and In Vivo. PLoS ONE, 2013, 8, e66263.	1.1	61
9943	Characteristics and Stimulation Potential with BMP-2 and BMP-7 of Tenocyte-Like Cells Isolated from the Rotator Cuff of Female Donors. PLoS ONE, 2013, 8, e67209.	1.1	31
9944	Effects of Murine and Human Bone Marrow-Derived Mesenchymal Stem Cells on Cuprizone Induced Demyelination. PLoS ONE, 2013, 8, e69795.	1.1	43
9945	Mesenchymal Stromal (Stem) Cell Therapy Fails to Improve Outcomes in Experimental Severe Influenza. PLoS ONE, 2013, 8, e71761.	1.1	53
9946	Cord Blood-Derived Macrophage-Lineage Cells Rapidly Stimulate Osteoblastic Maturation in Mesenchymal Stem Cells in a Glycoprotein-130 Dependent Manner. PLoS ONE, 2013, 8, e73266.	1.1	72
9947	Identification of Appropriate Reference Genes for Human Mesenchymal Cells during Expansion and Differentiation. PLoS ONE, 2013, 8, e73792.	1.1	36
9948	Growth Factor Priming Differentially Modulates Components of the Extracellular Matrix Proteome in Chondrocytes and Synovium-Derived Stem Cells. PLoS ONE, 2014, 9, e88053.	1.1	22
9949	Comparisons of Rabbit Bone Marrow Mesenchymal Stem Cell Isolation and Culture Methods In Vitro. PLoS ONE, 2014, 9, e88794.	1.1	49
9950	Dermal Substitutes Support the Growth of Human Skin-Derived Mesenchymal Stromal Cells: Potential Tool for Skin Regeneration. PLoS ONE, 2014, 9, e89542.	1.1	38
9951	CD73 Expression Is Dynamically Regulated in the Germinal Center and Bone Marrow Plasma Cells Are Diminished in Its Absence. PLoS ONE, 2014, 9, e92009.	1.1	41
9952	Human Umbilical Cord-Derived Mesenchymal Stem Cells Do Not Undergo Malignant Transformation during Long-Term Culturing in Serum-Free Medium. PLoS ONE, 2014, 9, e98565.	1.1	53
9953	Adipose Tissue-Derived Mesenchymal Stem Cells in Long-Term Dialysis Patients Display Downregulation of PCAF Expression and Poor Angiogenesis Activation. PLoS ONE, 2014, 9, e102311.	1.1	37
9954	Rapidly Self-Renewing Human Multipotent Marrow Stromal Cells (hMSC) Express Sialyl Lewis X and Actively Adhere to Arterial Endothelium in a Chick Embryo Model System. PLoS ONE, 2014, 9, e105411.	1.1	4
9955	Mesenchymal Stem Cells Augment the Anti-Bacterial Activity of Neutrophil Granulocytes. PLoS ONE, 2014, 9, e106903.	1.1	86

#	ARTICLE	IF	CITATIONS
9956	Distribution of Mesenchymal Stem Cells and Effects on Neuronal Survival and Axon Regeneration after Optic Nerve Crush and Cell Therapy. PLoS ONE, 2014, 9, e110722.	1.1	84
9957	Endothelium Trans Differentiated from Wharton's Jelly Mesenchymal Cells Promote Tissue Regeneration: Potential Role of Soluble Pro-Angiogenic Factors. PLoS ONE, 2014, 9, e111025.	1.1	36
9958	Comparison of Surface Markers between Human and Rabbit Mesenchymal Stem Cells. PLoS ONE, 2014, 9, e111390.	1.1	59
9959	Intranasal Administration of Human MSC for Ischemic Brain Injury in the Mouse: In Vitro and In Vivo Neuroregenerative Functions. PLoS ONE, 2014, 9, e112339.	1.1	76
9960	Human Adipose-Derived Mesenchymal Stem Cells as a New Model of Spinal and Bulbar Muscular Atrophy. PLoS ONE, 2014, 9, e112746.	1.1	15
9961	Increased Adipogenesis of Human Adipose-Derived Stem Cells on Polycaprolactone Fiber Matrices. PLoS ONE, 2014, 9, e113620.	1.1	33
9962	MSCs Conditioned Media and Umbilical Cord Blood Plasma Metabolomics and Composition. PLoS ONE, 2014, 9, e113769.	1.1	59
9963	Characterization of Discrete Subpopulations of Progenitor Cells in Traumatic Human Extremity Wounds. PLoS ONE, 2014, 9, e114318.	1.1	13
9964	Examining the Feasibility of Clinical Grade CD271+ Enrichment of Mesenchymal Stromal Cells for Bone Regeneration. PLoS ONE, 2015, 10, e0117855.	1.1	44
9965	Simvastatin Modulates Mesenchymal Stromal Cell Proliferation and Gene Expression. PLoS ONE, 2015, 10, e0120137.	1.1	23
9966	Dexamethasone and Azathioprine Promote Cytoskeletal Changes and Affect Mesenchymal Stem Cell Migratory Behavior. PLoS ONE, 2015, 10, e0120538.	1.1	21
9967	Hyperglycemic Stress Impairs the Stemness Capacity of Kidney Stem Cells in Rats. PLoS ONE, 2015, 10, e0139607.	1.1	15
9968	Intracoronary Delivery of Human Mesenchymal/Stromal Stem Cells: Insights from Coronary Microcirculation Invasive Assessment in a Swine Model. PLoS ONE, 2015, 10, e0139870.	1.1	16
9969	Effects of Mesenchymal Stem Cell Treatment on the Expression of Matrix Metalloproteinases and Angiogenesis during Ischemic Stroke Recovery. PLoS ONE, 2015, 10, e0144218.	1.1	43
9970	Circadian Clock Genes Modulate Human Bone Marrow Mesenchymal Stem Cell Differentiation, Migration and Cell Cycle. PLoS ONE, 2016, 11, e0146674.	1.1	46
9971	Efficacy of Mesenchymal Stromal Cell Therapy for Acute Lung Injury in Preclinical Animal Models: A Systematic Review. PLoS ONE, 2016, 11, e0147170.	1.1	108
9972	Th17 Pathway As a Target for Multipotent Stromal Cell Therapy in Dogs: Implications for Translational Research. PLoS ONE, 2016, 11, e0148568.	1.1	18
9973	Serum Collagen Type II Cleavage Epitope and Serum Hyaluronic Acid as Biomarkers for Treatment Monitoring of Dogs with Hip Osteoarthritis. PLoS ONE, 2016, 11, e0149472.	1.1	9

#	ARTICLE	IF	CITATIONS
9974	Collagen-Hydroxyapatite Scaffolds Induce Human Adipose Derived Stem Cells Osteogenic Differentiation In Vitro. PLoS ONE, 2016, 11, e0151181.	1.1	104
9975	Comparative Ability of Mesenchymal Stromal Cells from Different Tissues to Limit Neutrophil Recruitment to Inflamed Endothelium. PLoS ONE, 2016, 11, e0155161.	1.1	39
9976	Effects of High-Temperature-Pressure Polymerized Resin-Infiltrated Ceramic Networks on Oral Stem Cells. PLoS ONE, 2016, 11, e0155450.	1.1	10
9977	Mesenchymal Stem Cells from Human Extra Ocular Muscle Harbor Neuroectodermal Differentiation Potential. PLoS ONE, 2016, 11, e0156697.	1.1	9
9978	Human Cardiac Mesenchymal Stromal Cells with CD105+CD34- Phenotype Enhance the Function of Post-Infarction Heart in Mice. PLoS ONE, 2016, 11, e0158745.	1.1	29
9979	CD271+ Mesenchymal Stem Cells as a Possible Infectious Niche for Leishmania infantum. PLoS ONE, 2016, 11, e0162927.	1.1	14
9980	Fusion of Human Fetal Mesenchymal Stem Cells with "Degenerating" Cerebellar Neurons in Spinocerebellar Ataxia Type 1 Model Mice. PLoS ONE, 2016, 11, e0164202.	1.1	19
9981	The Effect of Gender on Mesenchymal Stem Cell (MSC) Efficacy in Neonatal Hyperoxia-Induced Lung Injury. PLoS ONE, 2016, 11, e0164269.	1.1	64
9982	Effect of Cryopreserved Amniotic Membrane Orientation on the Expression of Limbal Mesenchymal and Epithelial Stem Cell Markers in Prolonged Limbal Explant Cultures. PLoS ONE, 2016, 11, e0164408.	1.1	8
9983	Characterization and Immunomodulatory Effects of Canine Adipose Tissue- and Bone Marrow-Derived Mesenchymal Stromal Cells. PLoS ONE, 2016, 11, e0167442.	1.1	84
9984	Isolation and characterization of canine perivascular stem/stromal cells for bone tissue engineering. PLoS ONE, 2017, 12, e0177308.	1.1	23
9985	TNF \pm promotes proliferation of human synovial MSCs while maintaining chondrogenic potential. PLoS ONE, 2017, 12, e0177771.	1.1	20
9986	Regeneration of hyaline-like cartilage in situ with SOX9 stimulation of bone marrow-derived mesenchymal stem cells. PLoS ONE, 2017, 12, e0180138.	1.1	24
9987	Pathogen reduction through additive-free short-wave UV light irradiation retains the optimal efficacy of human platelet lysate for the expansion of human bone marrow mesenchymal stem cells. PLoS ONE, 2017, 12, e0181406.	1.1	30
9988	Multipotent mesenchymal stem cells in lung fibrosis. PLoS ONE, 2017, 12, e0181946.	1.1	43
9989	Mesenchymal stromal cells (MSC) from JAK2+ myeloproliferative neoplasms differ from normal MSC and contribute to the maintenance of neoplastic hematopoiesis. PLoS ONE, 2017, 12, e0182470.	1.1	19
9990	Mesenchymal stem cell therapy for laryngotracheal stenosis: A systematic review of preclinical studies. PLoS ONE, 2017, 12, e0185283.	1.1	5
9991	Human adipose-derived stem cells support the growth of limbal stem/progenitor cells. PLoS ONE, 2017, 12, e0186238.	1.1	15

#	ARTICLE	IF	CITATIONS
9992	OCT4 expression mediates partial cardiomyocyte reprogramming of mesenchymal stromal cells. PLoS ONE, 2017, 12, e0189131.	1.1	16
9993	Therapeutic potential of mesenchymal stromal cells for hypoxic ischemic encephalopathy: A systematic review and meta-analysis of preclinical studies. PLoS ONE, 2017, 12, e0189895.	1.1	47
9994	In-vitro analysis of Quantum Molecular Resonance effects on human mesenchymal stromal cells. PLoS ONE, 2018, 13, e0190082.	1.1	19
9995	Clonal chromosomal and genomic instability during human multipotent mesenchymal stromal cells long-term culture. PLoS ONE, 2018, 13, e0192445.	1.1	28
9996	Mesenchymal stem cell therapy for paraquat poisoning: A systematic review and meta-analysis of preclinical studies. PLoS ONE, 2018, 13, e0194748.	1.1	25
9997	Mesenchymal stem cells reduce alcoholic hepatitis in mice via suppression of hepatic neutrophil and macrophage infiltration, and of oxidative stress. PLoS ONE, 2020, 15, e0228889.	1.1	12
9998	Evaluation of age effects on doxorubicin-induced toxicity in mesenchymal stem cells. Medical Journal of the Islamic Republic of Iran, 2017, 31, 572-578.	0.9	6
9999	Human umbilical mesenchymal stem cells conditioned medium promote primary wound healing regeneration. Veterinary World, 2016, 9, 605-610.	0.7	30
10000	Isolation, culture, characterization, and osteogenic differentiation of canine endometrial mesenchymal stem cell. Veterinary World, 2017, 10, 1533-1541.	0.7	12
10001	NEONATAL DERIVED MESENCHYMAL STEM CELLS CAN BE ISOLATED FROM HUMAN UMBILICAL CORD WHARTON'S JELLY BUT NOT FROM HUMAN UMBILICAL CORD BLOOD. Journal of Evolution of Medical and Dental Sciences, 2019, 8, 849-854.	0.1	1
10002	Advances in translational orthopaedic research with species-specific multipotent mesenchymal stromal cells derived from the umbilical cord. Histology and Histopathology, 2021, 36, 19-30.	0.5	3
10003	Proliferative and chondrogenic potential of mesenchymal stromal cells from pluripotent and bone marrow cells. Histology and Histopathology, 2020, 35, 1415-1426.	0.5	4
10004	The dynamic stem cell microenvironment is orchestrated by microvesicle-mediated transfer of genetic information. Histology and Histopathology, 2010, 25, 397-404.	0.5	50
10005	Commonly used mesenchymal stem cell markers and tracking labels: Limitations and challenges. Histology and Histopathology, 2013, 28, 1109-16.	0.5	156
10006	Flavored Guilu Erxian decoction inhibits the injury of human bone marrow mesenchymal stem cells induced by cisplatin. Cellular and Molecular Biology, 2018, 64, 58-64.	0.3	7
10007	The tissue specific nature of mesenchymal stem/stromal cells: gaining better understanding for improved clinical outcomes. RNA & Disease (Houston, Tex), 0, , .	1.0	1
10009	Advantages of Sheep Infrapatellar Fat Pad Adipose Tissue Derived Stem Cells in Tissue Engineering. Advanced Pharmaceutical Bulletin, 2016, 6, 105-110.	0.6	13
10010	The Effect of Bone Marrow Mesenchymal Stem Cells on Vitamin D3 Induced Monocytic Differentiation of U937 Cells. Advanced Pharmaceutical Bulletin, 2016, 6, 23-29.	0.6	3

#	ARTICLE	IF	CITATIONS
10011	Effects of Mesenchymal Stem Cell Derivatives on Hematopoiesis and Hematopoietic Stem Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 165-177.	0.6	40
10012	Bidirectional and Opposite Effects of Na ⁺ ve Mesenchymal Stem Cells Ontumor Growth and Progression. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 539-558.	0.6	16
10013	Effect of Simulated Microgravity Conditions on Differentiation of Adipose Derived Stem Cells towards Fibroblasts Using Connective Tissue Growth Factor. <i>Iranian Journal of Biotechnology</i> , 2017, 15, 241-251.	0.3	12
10014	Mesenchymal stem cells from human amniotic membrane differentiate into cardiomyocytes and endothelial-like cells without improving cardiac function after surgical administration in rat model of chronic heart failure. <i>Journal of Cardiovascular and Thoracic Research</i> , 2019, 11, 35-42.	0.3	13
10015	A SAGE View of Mesenchymal Stem Cells. <i>International Journal of Stem Cells</i> , 2009, 2, 1-10.	0.8	9
10016	The Primary Study of CD90+CD34 ⁺ and Sca-1+Stem Cells Mobilized by EPO Plus G-CSF in Mice. <i>International Journal of Stem Cells</i> , 2009, 2, 129-134.	0.8	5
10017	Effect of Recombinant Human Erythropoietin On the Stemness of Bone Marrow-derived Mesenchymal Stem Cells in vitro. <i>International Journal of Stem Cells</i> , 2010, 3, 175-182.	0.8	4
10018	Cardiac Specific Gene Expression Changes in Long Term Culture of Murine Mesenchymal Stem Cells. <i>International Journal of Stem Cells</i> , 2011, 4, 143-148.	0.8	2
10019	Isolation and Morphological Characterisation of Ovine Adipose-Derived Mesenchymal Stem Cells in Culture. <i>International Journal of Stem Cells</i> , 2011, 4, 99-104.	0.8	36
10020	Adipose Stem Cells as Alternatives for Bone Marrow Mesenchymal Stem Cells in Oral Ulcer Healing. <i>International Journal of Stem Cells</i> , 2012, 5, 104-114.	0.8	7
10021	Do the Fibroblasts Contained in Early Passage MSC Population Adversely Affect the Characteristics of Stem Cell Population Obtained from Human Placenta?. <i>International Journal of Stem Cells</i> , 2012, 5, 89-95.	0.8	4
10022	Comparison of Mesenchymal Stem Cell Markers in Multiple Human Adult Stem Cells. <i>International Journal of Stem Cells</i> , 2014, 7, 118-126.	0.8	219
10024	Stemness Signature of Equine Marrow-derived Mesenchymal Stem Cells. <i>International Journal of Stem Cells</i> , 2017, 10, 93-102.	0.8	15
10025	Local Mesenchymal Stem Cell Therapy in Experimentally Induced Colitis in the Rat. <i>International Journal of Stem Cells</i> , 2018, 11, 39-47.	0.8	6
10026	Mesenchymal Stem Cells from the Wharton's Jelly of the Human Umbilical Cord: Biological Properties and Therapeutic Potential. <i>International Journal of Stem Cells</i> , 2019, 12, 218-226.	0.8	96
10027	Generation of Organotypic Multicellular Spheres by Magnetic Levitation: Model for the Study of Human Hematopoietic Stem Cells Microenvironment. <i>International Journal of Stem Cells</i> , 2019, 12, 51-62.	0.8	10
10028	Effects of Human Placental Amnion Derived Mesenchymal Stem Cells on Proliferation and Apoptosis Mechanisms in Chronic Kidney Disease in the Rat. <i>International Journal of Stem Cells</i> , 2019, 12, 151-161.	0.8	23
10029	Effect of Substrate Topography and Chemistry on Human Mesenchymal Stem Cell Markers: A Transcriptome Study. <i>International Journal of Stem Cells</i> , 2019, 12, 84-94.	0.8	18

#	ARTICLE	IF	CITATIONS
10030	Manipulated Mesenchymal Stem Cells Applications in Neurodegenerative Diseases. International Journal of Stem Cells, 2020, 13, 24-45.	0.8	12
10031	Improvement of Human Sperm Vacuolization and DNA Fragmentation Co-Cultured with Adipose-Derived Mesenchymal Stem Cell Secretome: <i>In Vitro</i> Effect. International Journal of Stem Cells, 2019, 12, 388-399.	0.8	8
10032	In Vitro Study of Adipose-Derived Mesenchymal Stem Cells Transduced with Lentiviral Vector Carrying the Brain-Derived Neurotrophic Factor Gene. International Journal of Stem Cells, 2020, 13, 386-393.	0.8	3
10033	Bone Marrow-Derived Mesenchymal Stem Cells Isolated from Patients with Cirrhosis and Healthy Volunteers Show Comparable Characteristics. International Journal of Stem Cells, 2020, 13, 394-403.	0.8	6
10034	Endometrial mesenchymal stem/stromal cell modulation of T cell proliferation. Reproduction, 2018, 157, 43-52.	1.1	10
10035	PD1-mediated mesenchymal stem cells immunomodulation: the two sides of the coin. International Clinical Pathology Journal, 2018, 6, .	0.1	5
10036	Skin stem cells as an object for cryopreservation. 1. Skin stem reserve. Problems of Cryobiology and Cryomedicine, 2014, 24, 3-15.	0.3	3
10037	Comparable effect of adipose-derived stromal vascular fraction and mesenchymal stem cells for wound healing: An in vivo study. Biomedical Research and Therapy, 2019, 6, 3412-3421.	0.3	4
10039	Mesenchymal Stem Cells; Defining the Future of Regenerative Medicine. Journal of Genes and Cells, 2015, 1, 34.	1.0	6
10040	Chondrogenic potential of hASCs expanded in flask or in a hollow-fiber bioreactor. Journal of Stem Cell Research and Medicine, 2017, 2, .	0.7	7
10041	EXPERIENCE OF PERFUSION RECELLULARIZATION OF BIOLOGICAL LUNG SCAFFOLD IN RATS. Vestnik Transplantologii i Iskusstvennykh Organov, 2016, 18, 38-44.	0.1	7
10042	Immunophenotyping, plasticity tests and nanotagging of stem cells derived from adipose tissue of wild rodent agouti (<i>Dasyprocta prymnolopha</i>). Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2019, 71, 1571-1581.	0.1	2
10043	Fibrin biopolymer as scaffold candidate to treat bone defects in rats. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2019, 25, e20190027.	0.8	27
10044	Mesenchymal stem cell therapy in acute kidney injury (AKI): review and perspectives. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2020, 66, s45-s54.	0.3	26
10045	Potencial de transdiferenciaÃ§Ã£o neural das cÃ©lulas-tronco mesenquimais da medula Ã³ssea de equino. Pesquisa Veterinaria Brasileira, 2012, 32, 444-452.	0.5	7
10046	CÃ©lulas-tronco mesenquimais: cÃ©lulas ideais para a regeneraÃ§Ã£o cardÃaca?. Revista Brasileira De Cardiologia Invasiva, 2010, 18, 344-353.	0.1	7
10047	CÃ©lulas-tronco de tecido adiposo e a importÃ¢ncia da padronizaÃ§Ã£o de um modelo animal para experimentaÃ§Ã£o prÃ©-clÃnica. Revista Brasileira De Cardiologia Invasiva, 2013, 21, 281-287.	0.1	1
10048	Knee and Hip Joint Cartilage Damage from Combined Spaceflight Hazards of Low-Dose Radiation Less than 1 Gy and Prolonged Hindlimb Unloading. Radiation Research, 2019, 191, 497.	0.7	10

#	ARTICLE	IF	CITATIONS
10049	Characterisation of the circular RNA landscape in mesenchymal stem cells from psoriatic skin lesions. <i>European Journal of Dermatology</i> , 2019, 29, 29-38.	0.3	22
10050	CircRNA_014511 affects the radiosensitivity of bone marrow mesenchymal stem cells by binding to miR-29b-2-5p. <i>Bosnian Journal of Basic Medical Sciences</i> , 2019, 19, 155-163.	0.6	31
10051	Mesenchymal stem cells from the domestic ungulates: trends and outliers. <i>International Journal of Veterinary Science and Research</i> , 0, , 023-031.	0.1	1
10052	Change in the number of CD117+ stem cells, cytogenetic and cytokinetic parameters under the use of candesartan, candesartan cilexetil and resveratrol in vitro. <i>Bulletin of Taras Shevchenko National University of Kyiv Series Biology</i> , 2019, 79, 54-57.	0.1	1
10053	The Role of Wharton's Jelly Mesenchymal Stem Cells in Skin Reconstruction. <i>Journal of Skin and Stem Cell</i> , 2015, 2, .	0.1	6
10054	Differentiation of Blastema Cells in Decellularized Bladder Scaffold in vitro. <i>Zahedan Journal of Researches in Medical Sciences</i> , 2015, 17, .	0.1	4
10055	Charachterization of umbilical cord mesenchymal stromal cells during long-term expansion in vitro. <i>HERALD of North-Western State Medical University Named After I I Mechnikov</i> , 2018, 10, 11-19.	0.1	2
10056	Cell therapy for bone fracture repair: A comparative preclinical review of mesenchymal stromal cells from bone marrow and from adipose tissue. <i>Journal of Medicines Development Sciences</i> , 2015, 1, 12.	0.1	2
10058	Neonatal derived mesenchymal stem cell mesotherapy in androgenetic alopecia: a retrospective observational study and review of literature. <i>International Journal of Scientific Reports</i> , 2015, 1, 32.	0.0	3
10059	Conditioned Media of Human Umbilical Cord Blood Mesenchymal Stem Cell-derived Secretome Induced Apoptosis and Inhibited Growth of HeLa Cells. <i>Indonesian Biomedical Journal</i> , 2014, 6, 57.	0.2	11
10060	Isolation of Mesenchymal Stem Cells from Adipose Tissue. <i>Indonesian Biomedical Journal</i> , 2015, 7, 153.	0.2	2
10061	Replicative senescence of mesenchymal stem cells causes DNA-methylation changes which correlate with repressive histone marks. <i>Aging</i> , 2011, 3, 873-888.	1.4	153
10062	Functional properties of bone marrow derived multipotent mesenchymal stromal cells are altered in heart failure patients, and could be corrected by adjustment of expansion strategies. <i>Aging</i> , 2015, 7, 14-25.	1.4	14
10063	Accumulation of spontaneous γ H2AX foci in long-term cultured mesenchymal stromal cells. <i>Aging</i> , 2016, 8, 3498-3506.	1.4	19
10064	Residual γ H2AX foci induced by low dose x-ray radiation in bone marrow mesenchymal stem cells do not cause accelerated senescence in the progeny of irradiated cells. <i>Aging</i> , 2017, 9, 2397-2410.	1.4	24
10065	Hybrid complexes of high and low molecular weight hyaluronan delay in vitro replicative senescence of mesenchymal stromal cells: a pilot study for future therapeutic application. <i>Aging</i> , 2018, 10, 1575-1585.	1.4	22
10066	Mesenchymal stem cells rejuvenate cardiac muscle after ischemic injury. <i>Aging</i> , 2019, 11, 63-72.	1.4	9
10067	Mesenchymal stem cells rejuvenate cardiac muscle through regulating macrophage polarization. <i>Aging</i> , 2019, 11, 3900-3908.	1.4	17

#	ARTICLE	IF	CITATIONS
10068	Down-regulation of long non-coding RNA MEG3 suppresses osteogenic differentiation of periodontal ligament stem cells (PDLSCs) through miR-27a-3p/IGF1 axis in periodontitis. <i>Aging</i> , 2019, 11, 5334-5350.	1.4	68
10069	Improved therapeutic effects on diabetic foot by human mesenchymal stem cells expressing MALAT1 as a sponge for microRNA-205-5p. <i>Aging</i> , 2019, 11, 12236-12245.	1.4	27
10070	Bone marrow mesenchymal stem cells transplantation alleviates brain injury after intracerebral hemorrhage in mice through the Hippo signaling pathway. <i>Aging</i> , 2020, 12, 6306-6323.	1.4	12
10071	Obesity is associated with senescence of mesenchymal stromal cells derived from bone marrow, subcutaneous and visceral fat of young mice. <i>Aging</i> , 2020, 12, 12609-12621.	1.4	31
10072	Human mesenchymal stem cells treatment improved hepatic lesions and reversed gut microbiome disorder in non-alcoholic steatohepatitis. <i>Aging</i> , 2020, 12, 21660-21673.	1.4	9
10073	Matrix stiffness regulates myocardial differentiation of human umbilical cord mesenchymal stem cells. <i>Aging</i> , 2021, 13, 2231-2250.	1.4	26
10074	Î ² -MSCs: successful fusion of MSCs with Î ² -cells results in a Î ² -cell like phenotype. <i>Oncotarget</i> , 2016, 7, 48963-48977.	0.8	7
10075	To grab the stroma by the horns: From biology to cancer therapy with mesenchymal stem cells. <i>Oncotarget</i> , 2013, 4, 651-664.	0.8	56
10076	The application of mRNA-based gene transfer in mesenchymal stem cell-mediated cytotoxicity of glioma cells. <i>Oncotarget</i> , 2016, 7, 55529-55542.	0.8	13
10077	Assessing angiogenic responses induced by primary human prostate stromal cells in a three-dimensional fibrin matrix assay. <i>Oncotarget</i> , 2016, 7, 71298-71308.	0.8	17
10078	Mesenchymal stromal cells (MSCs) and colorectal cancer: a troublesome twosome for the anti-tumour immune response?. <i>Oncotarget</i> , 2016, 7, 60752-60774.	0.8	56
10079	Impact of Polo-like kinase 1 inhibitors on human adipose tissue-derived mesenchymal stem cells. <i>Oncotarget</i> , 2016, 7, 84271-84285.	0.8	14
10080	Tyrosine kinase inhibitors and mesenchymal stromal cells: effects on self-renewal, commitment and functions. <i>Oncotarget</i> , 2017, 8, 5540-5565.	0.8	14
10081	Resistance to neoplastic transformation of <i>ex-vivo</i> expanded human mesenchymal stromal cells after exposure to supramaximal physical and chemical stress. <i>Oncotarget</i> , 2016, 7, 77416-77429.	0.8	12
10082	Suppression of microRNA-205-5p in human mesenchymal stem cells improves their therapeutic potential in treating diabetic foot disease. <i>Oncotarget</i> , 2017, 8, 52294-52303.	0.8	24
10083	Mesenchymal stem cell infiltration during neoplastic transformation of the human prostate. <i>Oncotarget</i> , 2017, 8, 46710-46727.	0.8	25
10084	Improvement of therapeutic effects of mesenchymal stem cells in myocardial infarction through genetic suppression of microRNA-142. <i>Oncotarget</i> , 2017, 8, 85549-85558.	0.8	6
10085	Cisplatin radiosensitizes radioresistant human mesenchymal stem cells. <i>Oncotarget</i> , 2017, 8, 87809-87820.	0.8	14

#	ARTICLE	IF	CITATIONS
10086	MSC-derived cytokines repair radiation-induced intra-villi microvascular injury. <i>Oncotarget</i> , 2017, 8, 87821-87836.	0.8	23
10087	Non-invasive <i>in vivo</i> molecular imaging of intra-articularly transplanted immortalized bone marrow stem cells for osteoarthritis treatment. <i>Oncotarget</i> , 2017, 8, 97153-97164.	0.8	9
10088	Reciprocal crosstalk between endometrial carcinoma and mesenchymal stem cells via transforming growth factor- β /transforming growth factor receptor and C-X ϵ C motif chemokine ligand 12/C ϵ C chemokine receptor type 4 aggravates malignant phenotypes. <i>Oncotarget</i> , 2017, 8, 115202-115214.	0.8	6
10089	FOXF1 mediates mesenchymal stem cell fusion-induced reprogramming of lung cancer cells. <i>Oncotarget</i> , 2014, 5, 9514-9529.	0.8	69
10090	Molecular dissection of engraftment in a xenograft model of myelodysplastic syndromes. <i>Oncotarget</i> , 2018, 9, 14993-15000.	0.8	8
10091	Cancer exosomes trigger mesenchymal stem cell differentiation into pro-angiogenic and pro-invasive myofibroblasts. <i>Oncotarget</i> , 2015, 6, 715-731.	0.8	227
10092	Extracellular vesicles from bone marrow mesenchymal stem/stromal cells transport tumor regulatory microRNA, proteins, and metabolites. <i>Oncotarget</i> , 2015, 6, 4953-4967.	0.8	271
10093	Adipose-derived stem cells promote tumor initiation and accelerate tumor growth by interleukin-6 production. <i>Oncotarget</i> , 2015, 6, 7713-7726.	0.8	70
10094	The oncometabolite D-2-hydroxyglutarate induced by mutant IDH1 or -2 blocks osteoblast differentiation <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 14832-14842.	0.8	33
10095	Radio-resistant mesenchymal stem cells: mechanisms of resistance and potential implications for the clinic. <i>Oncotarget</i> , 2015, 6, 19366-19380.	0.8	72
10096	IL-1 β produced by aggressive breast cancer cells is one of the factors that dictate their interactions with mesenchymal stem cells through chemokine production. <i>Oncotarget</i> , 2015, 6, 29034-29047.	0.8	56
10097	Transcriptional profiling of interleukin-2-primed human adipose derived mesenchymal stem cells revealed dramatic changes in stem cells response imposed by replicative senescence. <i>Oncotarget</i> , 2015, 6, 17938-17957.	0.8	18
10098	Characterization of adipose-derived stem cells from subcutaneous and visceral adipose tissues and their function in breast cancer cells. <i>Oncotarget</i> , 2015, 6, 34475-34493.	0.8	65
10099	c-Maf regulates pluripotency genes, proliferation/self-renewal, and lineage commitment in ROS-mediated senescence of human mesenchymal stem cells. <i>Oncotarget</i> , 2015, 6, 35404-35418.	0.8	29
10100	Extracorporeal Shock Wave Treatment (ESWT) enhances the <i>in vitro</i> -induced differentiation of human tendon-derived stem/progenitor cells (hTSPCs). <i>Oncotarget</i> , 2016, 7, 6410-6423.	0.8	31
10101	Increased IL-6 secretion by aged human mesenchymal stromal cells disrupts hematopoietic stem and progenitor cells' homeostasis. <i>Oncotarget</i> , 2016, 7, 13285-13296.	0.8	61
10102	Quantification of Mesenchymal Stem Cells (MSCs) at Sites of Human Prostate Cancer. <i>Oncotarget</i> , 2013, 4, 106-117.	0.8	75
10104	Mesenchymal Stem Cell Paracrine Factors in Vascular Repair and Regeneration. <i>Journal of Biomedical Technology and Research</i> , 2014, 1, .	0.2	67

#	ARTICLE	IF	CITATIONS
10105	Emerging data supporting stromal cell therapeutic potential in cancer: reprogramming stromal cells of the tumor microenvironment for anti-cancer effects. <i>Cancer Biology and Medicine</i> , 2020, 17, 828-841.	1.4	6
10106	A Proliferation and surface marker characterization of adipose stem cells after culture in various processed outdated platelet lysate containing media. <i>International Journal of Pharmtech Research</i> , 2017, 10, 120-130.	0.1	1
10107	Induction of Functional Mesenchymal Stem/Stromal Cells from Human iPCs Via a Neural Crest Cell Lineage Under Xeno-Free Conditions. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6
10108	Potential application of amniotic stem cells in veterinary medicine. <i>Animal Reproduction</i> , 2019, 16, 24-30.	0.4	11
10109	<p>Characterization and Immunomodulation of Canine Amniotic Membrane Stem Cells</p>. <i>Stem Cells and Cloning: Advances and Applications</i> , 2020, Volume 13, 43-55.	2.3	9
10110	Mesenchymal Stem/Stromal Cells: A New ''Cells as Drugs''. <i>Paradigm. Efficacy and Critical Aspects in Cell Therapy. Current Pharmaceutical Design</i> , 2013, 19, 2459-2473.	0.9	144
10111	Stem Cell-based Tissue Engineering Approaches for Musculoskeletal Regeneration. <i>Current Pharmaceutical Design</i> , 2013, 19, 3429-3445.	0.9	50
10112	An Overview on Stem Cells in Tissue Regeneration. <i>Current Pharmaceutical Design</i> , 2019, 25, 2086-2098.	0.9	27
10113	Neurotoxic and Neuroprotective Role of Exosomes in Parkinsonâ€™s Disease. <i>Current Pharmaceutical Design</i> , 2020, 25, 4510-4522.	0.9	17
10114	Cell Therapies for IBD: What Works?. <i>Current Drug Targets</i> , 2013, 14, 1453-1459.	1.0	13
10115	Intracellular Ca ²⁺ Signals to Reconstruct A Broken Heart: Still A Theoretical Approach?. <i>Current Drug Targets</i> , 2015, 16, 793-815.	1.0	26
10116	Mesenchymal Stromal Cells; Role in Tissue Repair, Drug Discovery and Immune Modulation. <i>Current Drug Delivery</i> , 2013, 11, 561-571.	0.8	27
10117	Mesenchymal Stem Cells of Dental Origin-Their Potential for Antiinflammatory and Regenerative Actions in Brain and Gut Damage. <i>Current Neuropharmacology</i> , 2016, 14, 914-934.	1.4	28
10118	The Oncogenic Potential of Mesenchymal Stem Cells in the Treatment of Cancer: Directions for Future Research. <i>Current Immunology Reviews</i> , 2010, 6, 137-148.	1.2	85
10119	Mesenchymal Stem Cells and Their Cell Surface Receptors. <i>Current Rheumatology Reviews</i> , 2008, 4, 155-160.	0.4	42
10120	Cartilage Tissue Engineering: Towards a Biomaterial-Assisted Mesenchymal Stem Cell Therapy. <i>Current Stem Cell Research and Therapy</i> , 2009, 4, 318-329.	0.6	195
10121	Potential Applications for Using Stem Cells in Spine Surgery. <i>Current Stem Cell Research and Therapy</i> , 2010, 5, 345-355.	0.6	13
10122	Effect of Platelet Lysate on the Functional and Molecular Characteristics of Mesenchymal Stem Cells Isolated from Adipose Tissue. <i>Current Stem Cell Research and Therapy</i> , 2011, 6, 105-114.	0.6	34

#	ARTICLE	IF	CITATIONS
10123	Roles of Hypoxia During the Chondrogenic Differentiation of Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 141-147.	0.6	49
10124	Intravenous Application of Allogenic Peripheral Blood-Derived Mesenchymal Stem Cells: A Safety Assessment in 291 Equine Recipients. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 452-457.	0.6	26
10125	Current Progress in Stem Cell-Based Gene Therapy for Articular Cartilage Repair. <i>Current Stem Cell Research and Therapy</i> , 2015, 10, 121-131.	0.6	43
10126	Dental Stem Cell in Tooth Development and Advances of Adult Dental Stem Cell in Regenerative Therapies. <i>Current Stem Cell Research and Therapy</i> , 2015, 10, 375-383.	0.6	8
10127	Understanding Nucleus Pulposus Cell Phenotype: A Prerequisite for Stem Cell Based Therapies to Treat Intervertebral Disc Degeneration. <i>Current Stem Cell Research and Therapy</i> , 2015, 10, 307-316.	0.6	61
10128	The Inflammatory Milieu of the Degenerate Disc: Is Mesenchymal Stem Cell-based Therapy for Intervertebral Disc Repair a Feasible Approach?. <i>Current Stem Cell Research and Therapy</i> , 2015, 10, 317-328.	0.6	38
10129	Challenge of Mesenchymal Stem Cells Against Diabetic Foot Ulcer. <i>Current Stem Cell Research and Therapy</i> , 2015, 10, 530-534.	0.6	20
10130	Generation of Mesenchymal Stem Cells by Blood Cell Reprogramming. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 114-121.	0.6	5
10131	Stem Cells in Skeletal Tissue Engineering: Technologies and Models. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 453-474.	0.6	11
10132	Current and Future Applications for Stem Cell Therapies in Spine Surgery. <i>Current Stem Cell Research and Therapy</i> , 2013, 8, 381-393.	0.6	14
10133	Mesenchymal Stem Cells, Immune Cells and Tumor Cells Crosstalk: A Sinister Triangle in the Tumor Microenvironment. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 43-51.	0.6	15
10134	Mesenchymal Stromal Cells and Natural Killer Cells: A Complex Story of Love and Hate. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 14-21.	0.6	11
10135	Transplantation of Adipose-derived Cells for Periodontal Regeneration: A Systematic Review. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 504-518.	0.6	6
10136	Immunomodulatory Properties of Mesenchymal Stromal Cells: Still Unresolved 'Yin and Yang'. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 344-350.	0.6	39
10137	Stem Cells and Endometrial Regeneration: From Basic Research to Clinical Trial. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 293-304.	0.6	38
10138	Bone Marrow Niches for Skeletal Progenitor Cells and their Inhabitants in Health and Disease. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 305-319.	0.6	14
10139	Effects of Extracellular Vesicles Derived from Mesenchymal Stem/Stromal Cells on Liver Diseases. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 442-452.	0.6	7
10140	Stem Cell Transplantation: A Promising Therapy for Spinal Cord Injury. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 321-331.	0.6	32

#	ARTICLE	IF	CITATIONS
10141	Gingiva-derived Mesenchymal Stem Cells and Their Potential Applications in Oral and Maxillofacial Diseases. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 43-53.	0.6	13
10142	A Brief Analysis of Mesenchymal Stem Cells as Biological Drugs for the Treatment of Acute-on-Chronic Liver Failure (ACLF): Safety and Potency. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 202-210.	0.6	8
10143	A Concise Review on Mesenchymal Stem Cells for Tissue Engineering with a Perspective on Ocular Surface Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 211-218.	0.6	4
10144	Potential of Mesenchymal Stem Cells in Anti-Cancer Therapies. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 482-491.	0.6	8
10145	The Use of Mesenchymal Stem Cells and their Derived Extracellular Vesicles in Cardiovascular Disease Treatment. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 623-638.	0.6	17
10146	Mesenchymal Stem Cells for Anti-Cancer Drug Delivery. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2013, 8, 310-318.	0.8	45
10147	Stem Cell Therapy for Ischaemic Stroke: Translation from Preclinical Studies to Clinical Treatment. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 209-219.	0.8	13
10148	Purification of Stem Cells from Oral Pyogenic Granuloma Tissue. <i>Open Dentistry Journal</i> , 2018, 12, 560-566.	0.2	6
10149	Adult Rat Bone Marrow-Derived Stem Cells Promote Late Fetal Type II Cell Differentiation in a Co-Culture Model. <i>Open Respiratory Medicine Journal</i> , 2013, 7, 46-53.	1.3	7
10150	Phenotype and Differentiation Potential of Stromal Populations Obtained from Various Zones of Human Umbilical Cord: An Overview. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 6-20.	2.6	56
10151	Umbilical Cord Lining Membrane and Wharton's Jelly-Derived Mesenchymal Stem Cells: the Similarities and Differences. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 21-27.	2.6	32
10152	Wharton's Jelly Mesenchymal Stem Cells as Off-The-Shelf Cellular Therapeutics: A Closer Look into their Regenerative and Immunomodulatory Properties. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 28-38.	2.6	45
10153	Cell Therapy for the Treatment of Metabolic Liver Disease: An Update on the Umbilical Cord Derived Stem Cells Candidates. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 48-53.	2.6	13
10154	Mesenchymal Stem Cells Derived from Wharton's Jelly and their Potential for Cardio-Vascular Tissue Engineering. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 64-71.	2.6	17
10155	Perinatal and Wharton's Jelly-Derived Mesenchymal Stem Cells in Cartilage Regenerative Medicine and Tissue Engineering Strategies. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 72-81.	2.6	25
10156	Evaluating the Impact of Oxygen Concentration and Plating Density on Human Wharton's Jelly-Derived Mesenchymal Stromal Cells. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 82-94.	2.6	16
10157	Umbilical Cord Perivascular Cells: A Mesenchymal Cell Source for Treatment of Tendon Injuries. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 112-119.	2.6	12
10158	In Vitro Studies of Horse Umbilical Cord Matrix-Derived Cells: From Characterization to Labeling for Magnetic Resonance Imaging. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 120-133.	2.6	13

#	ARTICLE	IF	CITATIONS
10159	Novel Immunomodulatory Markers Expressed by Human WJ-MSC: an Updated Review in Regenerative and Reparative Medicine. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2012, 5, 50-58.	2.6	32
10160	Electroporation Can Efficiently Transfect hESC-Derived Mesenchymal Stem Cells without Inducing Differentiation. <i>Open Stem Cell Journal</i> , 2011, 3, 62-66.	2.0	5
10161	Stem Cells and their Contribution to Tissue Repair. , 2012, , 9-22.		2
10162	A Co-culture Assay to Determine Efficacy of TNF- α Suppression by Biomechanically Induced Human Bone Marrow Mesenchymal Stem Cells. <i>Bio-protocol</i> , 2017, 7, .	0.2	3
10163	Generation of Human Mesenchymal Stem Cell 3D Spheroids Using Low-binding Plates. <i>Bio-protocol</i> , 2018, 8, .	0.2	17
10164	Deepening a Simple Question: Can MSCs Be Used to Treat Cancer?. <i>Anticancer Research</i> , 2017, 37, 4747-4758.	0.5	13
10165	Comparison of the Viability and Yield of Adipose-Derived Stem Cells (ASCs) from Different Donor Areas. <i>In Vivo</i> , 2017, 31, 1229-1234.	0.6	29
10166	Innate Immune Determinants of Graft-Versus-Host Disease and Bidirectional Immune Tolerance in Allogeneic Transplantation. <i>OBM Transplantation</i> , 2019, 3, 1-1.	0.2	2
10167	Secretome of Aggregated Embryonic Stem Cell-Derived Mesenchymal Stem Cell Modulates the Release of Inflammatory Factors in Lipopolysaccharide-Induced Peripheral Blood Mononuclear Cells. <i>Iranian Biomedical Journal</i> , 2018, 22, 237-45.	0.4	3
10169	Extracellular Vesicles as a Nephritis Delivery System Memory Improvement in Alzheimer's Disease. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 45-60.	0.3	19
10170	Expression pattern of neurotrophins and their receptors during neuronal differentiation of adipose-derived stem cells in simulated microgravity condition. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 178-186.	1.0	12
10171	Equine adipose-derived mesenchymal stem cells: phenotype and growth characteristics, gene expression profile and differentiation potentials. <i>Cell Journal</i> , 2015, 16, 456-65.	0.2	42
10172	Lovastatin Reduces Stemness via Epigenetic Reprogramming of and in Human Endometrium and Endometriosis. <i>Cell Journal</i> , 2017, 19, 50-64.	0.2	8
10173	Advanced Glycation End-Products-, C-Type Lectin- and Cysteinyl/ Leukotriene-Receptors in Distinct Mesenchymal Stromal Cell Populations: Differential Transcriptional Profiles in Response to Inflammation. <i>Cell Journal</i> , 2018, 20, 250-258.	0.2	8
10174	Differentiation Induction and Proliferation Inhibition by A Cell-Free Approach for Delivery of Exogenous miRNAs to Neuroblastoma Cells Using Mesenchymal Stem Cells. <i>Cell Journal</i> , 2021, 22, 556-564.	0.2	11
10175	Simulated Microgravity Condition Alters the Gene Expression of some ECM and Adhesion Molecules in Adipose Derived Stem Cells. <i>International Journal of Molecular and Cellular Medicine</i> , 2018, 7, 146-157.	1.1	16
10176	Short bouts of mechanical loading are as effective as dexamethasone at inducing matrix production by human bone marrow mesenchymal stem cells. , 2010, 20, 45-57.		70
10177	Mesenchymal stem cells: a perspective from in vitro cultures to in vivo migration and niches. , 2010, 20, 121-133.		287

#	ARTICLE	IF	CITATIONS
10178	High-mobility group protein HMGA2-derived fragments stimulate the proliferation of chondrocytes and adipose tissue-derived stem cells. , 2011, 21, 355-363.		11
10179	CD73 and CD29 concurrently mediate the mechanically induced decrease of migratory capacity of mesenchymal stromal cells. , 2011, 22, 26-42.		83
10180	Directed migration of human bone marrow mesenchymal stem cells in a physiological direct current electric field. , 2011, 22, 344-358.		112
10181	Osteogenic differentiation of mesenchymal stem cells is regulated by osteocyte and osteoblast cells in a simplified bone niche. , 2012, 23, 13-27.		418
10182	Effect of fibrin on osteogenic differentiation and VEGF expression of bone marrow stromal cells in mineralised scaffolds: a three-dimensional analysis. , 2012, 23, 413-424.		9
10183	Influence of age on the cell biological characteristics and the stimulation potential of male human tenocyte-like cells. , 2012, 24, 74-89.		70
10184	CD73/5â€™ecto-nucleotidase acts as a regulatory factor in osteo-/chondrogenic differentiation of mechanically stimulated mesenchymal stromal cells. , 2013, 25, 37-47.		74
10185	Osteogenic medium is superior to growth factors in differentiation of human adipose stem cells towards bone-forming cells in 3D culture. , 2013, 25, 144-158.		50
10186	Significance of soluble growth factors in the chondrogenic response of human umbilical cord matrix stem cells in a porous three dimensional scaffold. , 2013, 26, 234-251.		28
10187	Yield optimisation and molecular characterisation of uncultured CD271+ mesenchymal stem cells in the reamer irrigator aspirator waste bag. , 2013, 26, 252-262.		23
10188	In vivo phenotypic characterisation of nucleoside label-retaining cells in mouse periosteum. , 2014, 27, 185-195.		7
10189	Improved osteogenic vector for non-viral gene therapy. , 2016, 31, 191-204.		13
10190	Mesenchymal stromal cells from human umbilical cords display poor chondrogenic potential in scaffold-free three dimensional cultures. , 2016, 31, 407-424.		17
10191	Impact of TGF-Î² family-related growth factors on chondrogenic differentiation of adipose-derived stem cells isolated from lipoaspirates and infrapatellar fat pads of osteoarthritic patients. , 2018, 35, 209-224.		12
10192	Use of stem cells in perinatal asphyxia: from bench to bedside. <i>Jornal De Pediatria</i> , 2010, 86, 451-464.	0.9	15
10193	ADIPOSE-DERIVED STEM CELLS IN TISSUE ENGINEERING: LABORATORY TO BEDSIDE. <i>Journal of the University of Malaya Medical Centre</i> , 2013, 16, 1-10.	0.0	1
10194	Effect of the bone marrow multipotent mesenchymal stromal cells to the neural tissue after ischemic injury in vitro. <i>Cell and Organ Transplantation</i> , 2014, 2, 74-78.	0.2	1
10195	Mesenchymal stem cells isolated from human periodontal ligament. <i>Archives of Biological Sciences</i> , 2014, 66, 261-271.	0.2	21

#	ARTICLE	IF	CITATIONS
10196	Enhancement of Human Adipose-Derived Stem Cell Expansion and Stability for Clinical use. International Journal of Stem Cell Research and Therapy, 2015, 2, .	1.0	4
10197	Enhancing the Potency of Mesenchymal Stem Cells for Tissue Regeneration. International Journal of Stem Cell Research and Therapy, 2015, 2, .	1.0	1
10198	Sphingosine 1-Phosphate Receptor 2 Regulates the Migration, Proliferation, and Differentiation of Mesenchymal Stem Cells. International Journal of Stem Cell Research and Therapy, 2015, 2, .	1.0	28
10199	CD271 Negative Human Dental Pulp Cells Yield Significantly More Adherent Colony Forming Cells than the Positive Phenotype. International Journal of Stem Cell Research and Therapy, 2016, 3, .	1.0	1
10200	Stemness specificity of epithelial cells – application of cell and tissue technology in regenerative medicine. Medical Journal of Cell Biology (discontinued), 2018, 6, 114-119.	0.2	4
10201	Evidence for existence of molecular stemness markers in porcine ovarian follicular granulosa cells. Medical Journal of Cell Biology (discontinued), 2019, 7, 183-188.	0.2	11
10202	Human umbilical cord stem cells – the discovery, history and possible application. Medical Journal of Cell Biology (discontinued), 2020, 8, 78-82.	0.2	4
10203	Mesenchymal stem cells – a historical overview. Medical Journal of Cell Biology (discontinued), 2020, 8, 83-87.	0.2	7
10204	The Quality of Porcine Mesenchymal Stem Cells and Their Osteo- and Adipogenic Cell Derivatives – The Level of Proapoptotic Bad Protein Expression / Jakość Mezenchymalnych Komórek Macierzystych Świni Oraz Ich Poходnych Zróżnicowanych W Kierunku Komórek Szeregu Osteo- I Adipogennego – Poziom Ekspresji Proapoptotycznego Białka Bad. Annals of Animal Science, 2013, 13, 753-763.	0.6	3
10205	The CD271 expression could be alone for establisher phenotypic marker in Bone Marrow derived mesenchymal stem cells.. Folia Histochemica Et Cytobiologica, 2011, 48, 682-6.	0.6	28
10206	Discovering the true identity and function of mesenchymal stem cells. Inflammation and Regeneration, 2012, 32, 146-151.	1.5	5
10207	Regenerative medicine for bone diseases using mesenchymal stem cells. Inflammation and Regeneration, 2013, 33, 048-053.	1.5	1
10208	Defining mesenchymal stromal cells responsiveness to IFN γ ; as a surrogate measure of suppressive potency. Inflammation and Regeneration, 2014, 34, 168-175.	1.5	1
10209	The immunomodulatory function of human amniotic fluid stromal cells on B lymphocytes. Journal of Neurorestoratology, 2018, 6, 122-133.	1.1	3
10210	Local immunomodulation and muscle progenitor cells induce recovery in atrophied muscles in spinal cord injury patients. Journal of Neurorestoratology, 2018, 6, 136-145.	1.1	9
10211	2018 Yearbook of Neurorestoratology. Journal of Neurorestoratology, 2019, 7, 8-17.	1.1	17
10212	Muse cells and Neurorestoratology. Journal of Neurorestoratology, 2019, 7, 18-25.	1.1	4
10213	Clinical neurorestorative cell therapies: Developmental process, current state and future prospective. Journal of Neurorestoratology, 2020, 8, 61-82.	1.1	22

#	ARTICLE	IF	CITATIONS
10214	Standards of clinical-grade mesenchymal stromal cell preparation and quality control (2020 China) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	11
10215	PAST, CURRENT AND FUTURE INTERVENTIONAL ORTHOBIOLOGICS TECHNIQUES AND HOW THEY RELATE TO REGENERATIVE REHABILITATION: A CLINICAL COMMENTARY. <i>International Journal of Sports Physical Therapy</i> , 2020, 15, 301-325.	0.5	28
10216	Porcine mesenchymal stem cells - Current technological status and future perspective. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 3942.	3.0	45
10217	New insights on stem cells modeling and treatment of human diseases. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 1568-1599.	3.0	3
10218	Potential application of mesenchymal stem cell-derived exosomes as a novel therapeutic drug. <i>Drug Delivery System</i> , 2014, 29, 140-151.	0.0	1
10219	Can mesenchymal stem cells ameliorate testicular damage? Current researches. <i>Journal of Surgery and Medicine</i> , 2020, 4, 603-607.	0.0	4
10220	Leukemia inhibitory factor increases the proliferation of human endometrial stromal cells and expression of genes related to pluripotency. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 209-216.	0.5	2
10221	Justification of Methodological Approaches to Identification Testing of Biomedical Cell Products. <i>BIOpreparations Prevention Diagnosis Treatment</i> , 2019, 19, 28-38.	0.2	4
10222	Concentrated Bone Marrow Aspirate and Subacromial Bursa-Derived Cells Demonstrate Similar Cellular Adhesion and Proliferation Potential on Demineralized Bone Matrix Scaffolds for Biologic Augmentation of Rotator Cuff Repair. <i>Muscles, Ligaments and Tendons Journal</i> , 2019, 10, 48.	0.1	6
10223	FTIR spectroscopic imaging of mesenchymal stem cells in beta thalassemia major disease state. <i>Biomedical Spectroscopy and Imaging</i> , 2012, 1, 67-78.	1.2	1
10224	Two potential biomarkers identified in mesenchymal stem cells and leukocytes of patients with sporadic amyotrophic lateral sclerosis. <i>Disease Markers</i> , 2012, 32, 211-20.	0.6	14
10225	Androgens and estrogens prevent rosiglitazone-induced adipogenesis in human mesenchymal stem cells. <i>Journal of Endocrinological Investigation</i> , 2012, 35, 365-71.	1.8	14
10226	Stem Cells Regenerative Properties on New Rat Spinal Fusion Model. <i>Physiological Research</i> , 2015, 64, 119-128.	0.4	5
10227	Efficacy and Safety of Human Mesenchymal Stromal Cells in Healing of Critical-Size Bone Defects in Immunodeficient Rats. <i>Physiological Research</i> , 2017, 66, 113-123.	0.4	7
10228	Human Adipose-Derived Pericytes: Biological Characterization and Reprogramming into Induced Pluripotent Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2020, 52, 271-286.	1.1	13
10229	Nanoparticles for Stem Cell Therapy Bioengineering in Glioma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 558375.	2.0	13
10230	Perinatal Derivatives: Where Do We Stand? A Roadmap of the Human Placenta and Consensus for Tissue and Cell Nomenclature. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 610544.	2.0	68
10231	BM-MSC Transplantation Alleviates Intracerebral Hemorrhage-Induced Brain Injury, Promotes Astrocytes Vimentin Expression, and Enhances Astrocytes Antioxidation via the Cx43/Nrf2/HO-1 Axis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 302.	1.8	25

#	ARTICLE	IF	CITATIONS
10232	The Duo of Osteogenic and Angiogenic Differentiation in ADSC-Derived Spheroids. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 572727.	1.8	14
10233	Low Molecular Weight Hyaluronic Acid Effect on Dental Pulp Stem Cells In Vitro. <i>Biomolecules</i> , 2021, 11, 22.	1.8	12
10234	Current Understanding of Myelomatous Mesenchymal Stromal Cells Extended through Advances in Experimental Methods. <i>Cancers</i> , 2021, 13, 25.	1.7	5
10235	Aging of Bone Marrow Mesenchymal Stromal Cells: Hematopoiesis Disturbances and Potential Role in the Development of Hematologic Cancers. <i>Cancers</i> , 2021, 13, 68.	1.7	15
10236	Adipose-Derived Stem Cells from Obese Donors Polarize Macrophages and Microglia toward a Pro-Inflammatory Phenotype. <i>Cells</i> , 2021, 10, 26.	1.8	20
10237	Role of Human Mesenchymal Stem Cells in Regenerative Therapy. <i>Cells</i> , 2021, 10, 54.	1.8	64
10238	Tendon and Cytokine Marker Expression by Human Bone Marrow Mesenchymal Stem Cells in a Hyaluronate/Poly-Lactic-Co-Glycolic Acid (PLGA)/Fibrin Three-Dimensional (3D) Scaffold. <i>Cells</i> , 2020, 9, 1268.	1.8	47
10239	Clinical Application of Bone Marrow Mesenchymal Stem/Stromal Cells to Repair Skeletal Tissue. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9759.	1.8	131
10240	Progress and Challenges of Amniotic Fluid Derived Stem Cells in Therapy of Ischemic Heart Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 102.	1.8	5
10241	Endoglin Targeting: Lessons Learned and Questions That Remain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 147.	1.8	22
10242	Proteomic Profiling of the First Human Dental Pulp Mesenchymal Stem/Stromal Cells from Carbonic Anhydrase II Deficiency Osteopetrosis Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 380.	1.8	10
10243	Role of Mesenchymal Stromal Cells as Therapeutic Agents: Potential Mechanisms of Action and Implications in Their Clinical Use. <i>Journal of Clinical Medicine</i> , 2020, 9, 445.	1.0	56
10244	VEGF: Potential therapy for renal regeneration. <i>F1000 Medicine Reports</i> , 2012, 4, 2.	2.9	20
10245	Effect of Hypoxia Preconditioned Adipose-Derived Mesenchymal Stem Cell Conditioned Medium on Cerulein-Induced Acute Pancreatitis in Mice. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 297-306.	0.6	12
10246	Promoter methylation and expression pattern of <i>DLX3</i> , <i>ATF4</i> , and <i>FRA1</i> genes during osteoblastic differentiation of adipose-derived mesenchymal stem cells. <i>BioImpacts</i> , 2020, 10, 243-250.	0.7	3
10247	Autologous mesenchymal stem cells in treatment of liver cirrhosis: evaluation of effectiveness and visualization method. <i>Science and Innovations in Medicine</i> , 2020, 5, 197-203.	0.2	1
10248	Rationale for the potential use of mesenchymal stromal cells in liver transplantation. <i>World Journal of Gastroenterology</i> , 2014, 20, 16418.	1.4	19
10249	Hematopoietic stem cell transplantation for non-malignant gastrointestinal diseases. <i>World Journal of Gastroenterology</i> , 2014, 20, 17368.	1.4	12

#	ARTICLE	IF	CITATIONS
10250	Therapy with stem cells in inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 1211.	1.4	54
10251	Challenges in animal modelling of mesenchymal stromal cell therapy for inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2015, 21, 4779.	1.4	43
10252	Transplantation of insulin-producing cells to treat diabetic rats after 90% pancreatectomy. <i>World Journal of Gastroenterology</i> , 2015, 21, 6582.	1.4	10
10253	Use of mesenchymal stem cells to treat liver fibrosis: Current situation and future prospects. <i>World Journal of Gastroenterology</i> , 2015, 21, 742.	1.4	116
10254	Multipotent mesenchymal stromal cells: A promising strategy to manage alcoholic liver disease. <i>World Journal of Gastroenterology</i> , 2016, 22, 24.	1.4	17
10255	Mesenchymal stromal cell-based therapy: Regulatory and translational aspects in gastroenterology. <i>World Journal of Gastroenterology</i> , 2016, 22, 9057.	1.4	9
10256	Revisiting liver's role in transplant alloimmunity. <i>World Journal of Gastroenterology</i> , 2019, 25, 3123-3135.	1.4	31
10257	<i>Ex vivo</i> effect of vascular wall stromal cells secretome on enteric ganglia. <i>World Journal of Gastroenterology</i> , 2019, 25, 4892-4903.	1.4	4
10259	Hypoxia-preconditioned MSCs Have Superior Effect in Ameliorating Renal Function on Acute Renal Failure Animal Model. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 305-310.	0.1	13
10260	Systematically transplanted human gingiva-derived mesenchymal stem cells regulate lipid metabolism and inflammation in hyperlipidemic mice with periodontitis. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 672-682.	0.8	12
10261	In vitro enhancement and functional characterization of neurite outgrowth by undifferentiated adipose-derived stem cells. <i>International Journal of Molecular Medicine</i> , 2019, 43, 593-602.	1.8	5
10262	Rutin promotes the formation and osteogenic differentiation of human periodontal ligament stem cell sheets <i>in vitro</i> . <i>International Journal of Molecular Medicine</i> , 2019, 44, 2289-2297.	1.8	9
10263	Simvastatin inhibits the adipogenesis of bone marrow-derived mesenchymal stem cells through the downregulation of chemerin/CMKLR1 signaling. <i>International Journal of Molecular Medicine</i> , 2020, 46, 751-761.	1.8	7
10264	Exosomal microRNA-146a derived from mesenchymal stem cells increases the sensitivity of ovarian cancer cells to docetaxel and taxane via a LAMC2-mediated PI3K/Akt axis. <i>International Journal of Molecular Medicine</i> , 2020, 46, 609-620.	1.8	51
10265	LINC00473 rescues human bone marrow mesenchymal stem cells from apoptosis induced by dexamethasone through the PEBP1-mediated Akt/Bad/Bcl-2 signaling pathway. <i>International Journal of Molecular Medicine</i> , 2020, 47, 171-182.	1.8	10
10266	Effect of CD44 on differentiation of human amniotic mesenchymal stem cells into chondrocytes via Smad and ERK signaling pathways. <i>Molecular Medicine Reports</i> , 2020, 21, 2357-2366.	1.1	12
10267	Superior CKIP-1 sensitivity of orofacial bone-derived mesenchymal stem cells in proliferation and osteogenic differentiation compared to long bone-derived mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2020, 22, 1169-1178.	1.1	7
10268	Phenotype of mesenchymal stem cells from patients with myelodysplastic syndrome maybe partly modulated by decitabine. <i>Oncology Letters</i> , 2019, 18, 4457-4466.	0.8	4

#	ARTICLE	IF	CITATIONS
10269	Interaction of head and neck squamous cell carcinoma cells and mesenchymal stem cells under hypoxia and normoxia. <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	3
10270	The success of stem cell transplantations and the potential post-transplantation complications may be dependent, among other factors, on the capacity of the recipient and the transplanted cells to repair DNA damage. <i>BioDiscovery</i> , 0, 19, e9076.	0.1	3
10271	Mesenchymal Stem Cell Therapy in Pulmonary Disease. <i>Korean Journal of Medicine</i> , 2015, 89, 522-526.	0.1	3
10272	Isolation, Culture and Characterization of New Zealand White Rabbit Mesenchymal Stem Cells Derived from Bone Marrow. <i>Asian Journal of Animal and Veterinary Advances</i> , 2015, 10, 537-548.	0.3	25
10273	Stem cell-based therapies for neurological disorders. <i>AIMS Cell and Tissue Engineering</i> , 2018, 2, 24-46.	0.4	1
10274	Neuronal differentiation of adipose-derived stem cells and their transplantation for cerebral ischemia. <i>Neural Regeneration Research</i> , 2012, 7, 1992-9.	1.6	8
10275	Wharton's jelly mesenchymal stem cells differentiate into retinal progenitor cells. <i>Neural Regeneration Research</i> , 2013, 8, 1783-92.	1.6	20
10276	Migration capacity of human umbilical cord mesenchymal stem cells towards glioma in vivo. <i>Neural Regeneration Research</i> , 2013, 8, 2093-102.	1.6	11
10277	Mesenchymal stem cells: potential application in intervertebral disc regeneration. <i>Translational Pediatrics</i> , 2014, 3, 71-90.	0.5	32
10278	Adipose regeneration and implications for breast reconstruction: update and the future. <i>Gland Surgery</i> , 2016, 5, 227-41.	0.5	30
10279	Mesenchymal stem cells in pathogenesis of myelodysplastic syndromes. <i>Stem Cell Investigation</i> , 2014, 1, 16.	1.3	12
10280	Mesenchymal stem cells as delivery vectors for anti-tumor therapy. <i>Stem Cell Investigation</i> , 2015, 2, 6.	1.3	31
10281	Mesenchymal stem cells for retinal diseases. <i>International Journal of Ophthalmology</i> , 2011, 4, 413-21.	0.5	23
10282	Simvastatin Induces Osteogenic Differentiation and Suppresses Adipogenic Differentiation in Primarily Cultured Human Adipose-Derived Stem Cells. <i>Biomolecules and Therapeutics</i> , 2009, 17, 353-361.	1.1	4
10283	Chondrogenic Differentiation of Bone Marrow Mesenchymal Stem Cells: First Successful Latin-American Report. <i>International Journal of Morphology</i> , 2010, 28, .	0.1	2
10284	Adult Stem Cells: Beyond Regenerative Tool, More as a Bio-Marker in Obesity and Diabetes. <i>Diabetes and Metabolism Journal</i> , 2019, 43, 744.	1.8	5
10285	Characterization of stem cells from the pulp of unerupted third molar tooth. <i>Indian Journal of Dental Research</i> , 2014, 25, 14.	0.1	10
10286	Cartilage tissue engineering: Role of mesenchymal stem cells along with growth factors & scaffolds. <i>Indian Journal of Medical Research</i> , 2016, 144, 339.	0.4	63

#	ARTICLE	IF	CITATIONS
10287	In vitro antioxidant and enzymatic approaches to evaluate neuroprotector potential of Blechnum extracts without cytotoxicity to human stem cells. Pharmacognosy Magazine, 2016, 12, 171.	0.3	12
10288	Villous chorion: A potential source for pluripotent-like stromal cells. Journal of Natural Science, Biology and Medicine, 2017, 8, 221.	1.0	6
10289	Electro-acupuncture at Conception and Governor vessels and transplantation of umbilical cord blood-derived mesenchymal stem cells for treating cerebral ischemia/reperfusion injury. Neural Regeneration Research, 2014, 9, 84.	1.6	7
10290	Autologous mesenchymal stem cells applied on the pressure ulcers had produced a surprising outcome in a severe case of neuromyelitis optica. Neural Regeneration Research, 2015, 10, 1841.	1.6	3
10291	Bone marrow mesenchymal stem cell therapy in ischemic stroke: mechanisms of action and treatment optimization strategies. Neural Regeneration Research, 2016, 11, 1015.	1.6	64
10292	Stem cell-based in utero therapies for spina bifida: implications for neural regeneration. Neural Regeneration Research, 2019, 14, 260.	1.6	6
10293	Mesenchymal stromal cell therapy for damaged retinal ganglion cells, is gold all that glitters?. Neural Regeneration Research, 2019, 14, 1851.	1.6	12
10294	Current status and future prospects of stem cell therapy in Alzheimer's disease. Neural Regeneration Research, 2020, 15, 242.	1.6	32
10295	Neural crest derived stem cells from dental pulp and tooth-associated stem cells for peripheral nerve regeneration. Neural Regeneration Research, 2020, 15, 373.	1.6	57
10296	Cytotoxicity assessment of polyhydroxybutyrate/chitosan/nano- bioglass nanofiber scaffolds by stem cells from human exfoliated deciduous teeth stem cells from dental pulp of exfoliated deciduous tooth. Dental Research Journal, 2018, 15, 136.	0.2	13
10297	Proliferation and osteogenic differentiation of bone marrow-derived mesenchymal stem cell after exposure to red flesh dragon fruit extract. Dental Research Journal, 2020, 17, 107.	0.2	2
10298	Molecular and genetic advances in the regeneration of the intervertebral disc. , 2013, 4, 94.		17
10299	Stem cell therapy for neonatal diseases associated with preterm birth. Journal of Clinical Neonatology, 2013, 2, 1.	0.1	27
10300	A comparative study of aggrecan synthesis between natural articular chondrocytes and differentiated chondrocytes from adipose derived stem cells in 3D culture. Advanced Biomedical Research, 2012, 1, 24.	0.2	13
10301	Preclinical safety & toxicity evaluation of pooled, allogeneic human bone marrow-derived mesenchymal stromal cells. Indian Journal of Medical Research, 2016, 144, 852.	0.4	30
10302	Engraftment, neuroglial transdifferentiation and behavioral recovery after complete spinal cord transection in rats. , 2018, 9, 19.		27
10303	Neoplastic Stromal Cells of Intracranial Hemangioblastomas Disclose Pericyte-derived Mesenchymal Stromal Cells-like Phenotype. Korean Journal of Pathology, 2011, 45, 564.	1.2	2
10304	Stem Cells Targeting Inflammation as Potential Anti-aging Strategies and Therapies. Cell & Tissue Transplantation & Therapy, 0, , 1.	0.0	4

#	ARTICLE	IF	CITATIONS
10305	Prospect of Adipose Tissue Derived Mesenchymal Stem Cells in Regenerative Medicine. <i>Cell & Tissue Transplantation & Therapy</i> , 0, 2, 7-9.	0.0	17
10306	Challenges of stem cell therapies in companion animal practice. <i>Journal of Veterinary Science</i> , 2020, 21, e42.	0.5	9
10307	Eph/Ephrin-mediated Mesenchymal Stem Cell Regulation of T-cell Activation and Function. <i>Journal of Clinical & Cellular Immunology</i> , 2016, 7, .	1.5	2
10308	A Simple Method for Isolation, Propagation, Characterization, and Differentiation of Adult Mouse Bone Marrow-Derived Multipotent Mesenchymal Stem Cells. <i>Journal of Cell Science & Therapy</i> , 2016, 08, .	0.3	8
10309	Matricellular Protein Expression and Cell Ultrastructure as Parameters to Test In Vitro Cytotoxicity of a Biomimetic Scaffold. <i>Journal of Cytology & Histology</i> , 2014, 05, .	0.1	1
10310	Mesenchymal Stromal Cells and Fibroblasts. <i>Journal of Tissue Science & Engineering</i> , 2012, 03, .	0.2	4
10311	Adhesion to Extracellular Matrix Proteins can Differentiate Between Human Bone Marrow Derived Mesenchymal Stem Cells and Fibroblasts. <i>Journal of Tissue Science & Engineering</i> , 2012, S11, .	0.2	1
10312	In vivo Effects of Bioactive Glass S53P4 or Beta Tricalcium Phosphate on Osteogenic Differentiation of Human Adipose Stem Cells after Incubation with BMP-2. <i>Journal of Stem Cell Research & Therapy</i> , 2012, 02, .	0.3	4
10313	Growth and Differentiation of Human Dental Pulp Stem Cells Maintained in Fetal Bovine Serum, Human Serum and Serum-free/Xeno-free Culture Media. <i>Journal of Stem Cell Research & Therapy</i> , 2012, 02, .	0.3	23
10314	The Influence of Allogenic Mesenchymal Stem Cells on the Hematological Status of Horses. <i>Journal of Stem Cell Research & Therapy</i> , 2013, 03, .	0.3	5
10315	In Vitro Characterization of the Molecular Machinery Regulating Umbilical Cord Blood Mesenchymal Stem Cell Angiogenesis: A Step Towards Multipotent Stem Cell Therapy for Vascular Regeneration. <i>Journal of Stem Cell Research & Therapy</i> , 2013, 3, .	0.3	3
10316	Efficiency of Exosome Production Correlates Inversely with the Developmental Maturity of MSC Donor. <i>Journal of Stem Cell Research & Therapy</i> , 2013, 3, .	0.3	10
10317	Guidelines to Optimize Survival and Migration Capacities of Equine Mesenchymal Stem Cells. <i>Journal of Stem Cell Research & Therapy</i> , 2013, 3, .	0.3	6
10318	Advances in Stem Cell Therapy: Specific Applications in the Treatment of Cutaneous Radiation Syndrome. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 4, .	0.3	4
10319	A Population of Human Mesenchymal Stem Cells Specific to the Fetal Liver Development. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, .	0.3	4
10320	Platelet-Rich Plasma Enhances the Cellular Function of Equine Bone Marrow-Derived Mesenchymal Stem Cells. <i>Journal of Stem Cell Research & Therapy</i> , 2015, 05, .	0.3	2
10321	Chemical Induction of Human Adipose Stromal Cells Into Hepatocyte-Like Cells under Various Differentiation Conditions. <i>Journal of Stem Cell Research & Therapy</i> , 2018, 08, .	0.3	1
10322	Human Bone Marrow- and Adipose Tissue-derived Mesenchymal Stromal Cells are Immunosuppressive In vitro and in a Humanized Allograft Rejection Model. <i>Journal of Stem Cell Research & Therapy</i> , 2013, Suppl 6, 20780.	0.3	42

#	ARTICLE	IF	CITATIONS
10323	Human Allogeneic Bone Marrow and Adipose Tissue Derived Mesenchymal Stromal Cells Induce CD8+ Cytotoxic T Cell Reactivity. <i>Journal of Stem Cell Research & Therapy</i> , 2013, 3, 004.	0.3	19
10324	The Potential of Tissue Engineering and Regeneration for Craniofacial Bone. <i>Dentistry (Sunnyvale)</i> , 2013, 11, 10324.	0.1	1
10325	Human Cartilage Tissue Engineering Using Type I Collagen/Heparan Sulfate Scaffolds. <i>Journal of Regenerative Medicine</i> , 2015, 03, .	0.1	2
10326	Cell-Cell Communication Networks Propose a Modulation of the Hematopoietic Stem Cell Niche by Invading Breast Carcinoma Cells. <i>Journal of Bone Marrow Research</i> , 2015, 03, .	0.2	1
10327	Cellular and Animal Models for the Identification of Osteoporosis Determinants Increasing Vertebral Compression Fractures Risk. <i>Journal of Osteoporosis and Physical Activity</i> , 2015, 03, .	0.2	1
10328	Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>Libyan Journal of Medicine</i> , 2007, 2, 190-201.	0.8	10
10329	Characteristics of Mesenchymal Stem Cells under Hypoxia. <i>CellBio</i> , 2013, 02, 11-19.	1.3	4
10330	Optimization of the Cultivation of Donor Mesenchymal Stromal Cells for Clinical Use in Cellular Therapy. <i>CellBio</i> , 2014, 03, 25-33.	1.3	3
10331	Neural differentiation of allogenic mixed-cultured rat bone mesenchymal stem cells. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 466-472.	0.2	1
10332	Hierarchy of mesenchymal stem cells: Comparison of multipotent mesenchymal stromal cells with fibroblast colony forming units. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 66-73.	0.2	6
10333	Stem cell therapy for idiopathic pulmonary fibrosis: How far are we from the bench to the bedside?. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 24-31.	0.2	5
10334	Nanoencapsulation of Human Adipose Mesenchymal Stem Cells: Experimental Factors Role to Successfully Preserve Viability and Functionality of Cells. <i>Journal of Encapsulation and Adsorption Sciences</i> , 2013, 03, 1-12.	0.3	5
10335	Alkaline phosphatase-positive cells isolated from human hearts have mesenchymal stem cell characteristics. <i>Stem Cell Discovery</i> , 2011, 01, 71-80.	0.5	11
10336	Repair of critical size rat calvarial defects using endometrial-derived stem cells embedded within gelatin/apatite nanocomposite scaffold. <i>Stem Cell Discovery</i> , 2013, 03, 37-43.	0.5	4
10337	Long-term phenotypic characterization of human bone marrow and adipose tissue derived mesenchymal stromal cells. <i>Stem Cell Discovery</i> , 2013, 03, 99-116.	0.5	3
10338	Multipotential mesenchymal Stromal Cells (MMSC) Ameliorate Graft versus Host Disease (GVHD) in a Mouse Model, But Major Suppression of GVHD Permits Leukemic Relapse. <i>Stem Cell Discovery</i> , 2014, 04, 27-43.	0.5	1
10339	Rat model of anal sphincter injury and two approaches for stem cell administration. <i>World Journal of Stem Cells</i> , 2018, 10, 1-14.	1.3	15
10340	Unmodified autologous stem cells at point of care for chronic myocardial infarction. <i>World Journal of Stem Cells</i> , 2019, 11, 831-858.	1.3	12

#	ARTICLE	IF	CITATIONS
10341	Stem cell treatment and cerebral palsy: Systemic review and meta-analysis. World Journal of Stem Cells, 2019, 11, 891-903.	1.3	29
10342	<i>In vitro</i> differentiation capacity of human breastmilk stem cells: A systematic review. World Journal of Stem Cells, 2019, 11, 1005-1019.	1.3	8
10343	Cytokine interplay among the diseased retina, inflammatory cells and mesenchymal stem cells - a clue to stem cell-based therapy. World Journal of Stem Cells, 2019, 11, 957-967.	1.3	23
10344	Influence of olive oil and its components on mesenchymal stem cell biology. World Journal of Stem Cells, 2019, 11, 1045-1064.	1.3	15
10345	Small molecules for mesenchymal stem cell fate determination. World Journal of Stem Cells, 2019, 11, 1084-1103.	1.3	34
10346	Circulating factors present in the sera of naturally skinny people may influence cell commitment and adipocyte differentiation of mesenchymal stromal cells. World Journal of Stem Cells, 2019, 11, 180-195.	1.3	11
10347	Stromal cell-derived factor-1 α promotes recruitment and differentiation of nucleus pulposus-derived stem cells. World Journal of Stem Cells, 2019, 11, 196-211.	1.3	9
10348	Generation of mesenchymal stem-like cells for producing extracellular vesicles. World Journal of Stem Cells, 2019, 11, 270-280.	1.3	29
10349	Effects of various antimicrobial agents on multi-directional differentiation potential of bone marrow-derived mesenchymal stem cells. World Journal of Stem Cells, 2019, 11, 322-336.	1.3	11
10350	Human umbilical cord mesenchymal stem cells ameliorate liver fibrosis <i>in vitro</i> and <i>in vivo</i> : From biological characteristics to therapeutic mechanisms. World Journal of Stem Cells, 2019, 11, 548-564.	1.3	31
10351	Suitability and limitations of mesenchymal stem cells to elucidate human bone illness. World Journal of Stem Cells, 2019, 11, 578-593.	1.3	9
10352	Immunomodulatory properties of dental tissue-derived mesenchymal stem cells: Implication in disease and tissue regeneration. World Journal of Stem Cells, 2019, 11, 604-617.	1.3	123
10353	Cell membrane and bioactive factors derived from mesenchymal stromal cells: Cell-free based therapy for inflammatory bowel diseases. World Journal of Stem Cells, 2019, 11, 618-633.	1.3	12
10354	Inflammatory bowel disease: Therapeutic limitations and prospective of the stem cell therapy. World Journal of Stem Cells, 2020, 12, 1050-1066.	1.3	22
10355	Isolation and characterization of mesenchymal stem cells in orthopaedics and the emergence of compact bone mesenchymal stem cells as a promising surgical adjunct. World Journal of Stem Cells, 2020, 12, 1341-1353.	1.3	4
10356	Immunophenotypic characteristics of multipotent mesenchymal stromal cells that affect the efficacy of their use in the prevention of acute graft vs host disease. World Journal of Stem Cells, 2020, 12, 1377-1395.	1.3	5
10357	Prospects for the therapeutic development of umbilical cord blood-derived mesenchymal stem cells. World Journal of Stem Cells, 2020, 12, 1511-1528.	1.3	19
10358	Influence of donor age on the differentiation and division capacity of human adipose-derived stem cells. World Journal of Stem Cells, 2020, 12, 1640-1651.	1.3	14

#	ARTICLE	IF	CITATIONS
10359	Mesenchymal stem cells from different sources and their derived exosomes: A pre-clinical perspective. World Journal of Stem Cells, 2020, 12, 100-109.	1.3	50
10360	Efficient differentiation of vascular smooth muscle cells from Wharton's Jelly mesenchymal stromal cells using human platelet lysate: A potential cell source for small blood vessel engineering. World Journal of Stem Cells, 2020, 12, 203-221.	1.3	8
10361	Bone marrow-derived products: A classification proposal " bone marrow aspirate, bone marrow aspirate concentrate or hybrid?. World Journal of Stem Cells, 2020, 12, 241-250.	1.3	14
10362	Current and future uses of skeletal stem cells for bone regeneration. World Journal of Stem Cells, 2020, 12, 339-350.	1.3	7
10363	Recent advances of single-cell RNA sequencing technology in mesenchymal stem cell research. World Journal of Stem Cells, 2020, 12, 438-447.	1.3	10
10364	Human hair follicle-derived mesenchymal stem cells: Isolation, expansion, and differentiation. World Journal of Stem Cells, 2020, 12, 462-470.	1.3	25
10365	Mesenchymal stem cells and mesenchymal stem cell-derived extracellular vesicles: Potential roles in rheumatic diseases. World Journal of Stem Cells, 2020, 12, 688-705.	1.3	16
10366	Mesenchymal stromal cells as potential immunomodulatory players in severe acute respiratory distress syndrome induced by SARS-CoV-2 infection. World Journal of Stem Cells, 2020, 12, 731-751.	1.3	21
10367	Mesenchymal stem cell-derived exosomes: Toward cell-free therapeutic strategies in regenerative medicine. World Journal of Stem Cells, 2020, 12, 814-840.	1.3	52
10368	Human mesenchymal stem cells derived from umbilical cord and bone marrow exert immunomodulatory effects in different mechanisms. World Journal of Stem Cells, 2020, 12, 1032-1049.	1.3	18
10369	Inflammatory niche: Mesenchymal stromal cell priming by soluble mediators. World Journal of Stem Cells, 2020, 12, 922-937.	1.3	10
10370	Mechanotransduction of stem cells for tendon repair. World Journal of Stem Cells, 2020, 12, 952-965.	1.3	13
10371	Senescent mesenchymal stem/stromal cells and restoring their cellular functions. World Journal of Stem Cells, 2020, 12, 966-985.	1.3	23
10372	Mechanisms of action of neuropeptide Y on stem cells and its potential applications in orthopaedic disorders. World Journal of Stem Cells, 2020, 12, 986-1000.	1.3	13
10373	Immune regulatory properties of multipotent mesenchymal stromal cells: Where do we stand?. World Journal of Stem Cells, 2011, 3, 1.	1.3	77
10374	Regenerative medicine based applications to combat stress urinary incontinence. World Journal of Stem Cells, 2013, 5, 112.	1.3	13
10375	Molecular mechanisms of mesenchymal stem cell differentiation towards osteoblasts. World Journal of Stem Cells, 2013, 5, 136.	1.3	199
10376	Purinergic receptors and nucleotide processing ectoenzymes: Their roles in regulating mesenchymal stem cell functions. World Journal of Stem Cells, 2014, 6, 153.	1.3	27

#	ARTICLE	IF	CITATIONS
10377	Mesenchymal stem cells help pancreatic islet transplantation to control type 1 diabetes. World Journal of Stem Cells, 2014, 6, 163.	1.3	50
10378	Ins and Outs of mesenchymal stem cell osteogenesis in regenerative medicine. World Journal of Stem Cells, 2014, 6, 94.	1.3	23
10379	Mesenchymal stem cells for treatment of aortic aneurysms. World Journal of Stem Cells, 2014, 6, 278.	1.3	27
10380	Mesenchymal stem cells: Potential role in corneal wound repair and transplantation. World Journal of Stem Cells, 2014, 6, 296.	1.3	44
10381	Multiple myeloma mesenchymal stromal cells: Contribution to myeloma bone disease and therapeutics. World Journal of Stem Cells, 2014, 6, 322.	1.3	36
10382	Umbilical cord fibroblasts: Could they be considered as mesenchymal stem cells?. World Journal of Stem Cells, 2014, 6, 367.	1.3	5
10383	Arterial calcification: Finger-pointing at resident and circulating stem cells. World Journal of Stem Cells, 2014, 6, 540.	1.3	21
10384	Early gestation chorionic villi-derived stromal cells for fetal tissue engineering. World Journal of Stem Cells, 2015, 7, 195.	1.3	39
10385	Hematopoietic stem cell-derived adipocytes and fibroblasts in the tumor microenvironment. World Journal of Stem Cells, 2015, 7, 253.	1.3	39
10386	Tooth-derived stem cells: Update and perspectives. World Journal of Stem Cells, 2015, 7, 399.	1.3	78
10387	Evaluation of biodegradable electric conductive tube-guides and mesenchymal stem cells. World Journal of Stem Cells, 2015, 7, 956.	1.3	20
10388	Allogenic banking of dental pulp stem cells for innovative therapeutics. World Journal of Stem Cells, 2015, 7, 1010-21.	1.3	40
10389	Easily-handled method to isolate mesenchymal stem cells from coagulated human bone marrow samples. World Journal of Stem Cells, 2015, 7, 1137.	1.3	7
10390	Stem/progenitor cells and obstructive sleep apnea syndrome - new insights for clinical applications. World Journal of Stem Cells, 2016, 8, 332.	1.3	2
10391	Role of aryl hydrocarbon receptor in mesenchymal stromal cell activation: A minireview. World Journal of Stem Cells, 2017, 9, 152-158.	1.3	6
10392	Anti-inflammatory Role of Mesenchymal Stem Cells in an Acute Lung Injury Mouse Model. Acute and Critical Care, 2018, 33, 154-161.	0.6	10
10393	The Effect of Bone Marrow Mesenchymal Stem Cells on the Granulocytic Differentiation of HL-60 Cells. Turkish Journal of Haematology, 2018, 35, 42-48.	0.2	4
10394	Mesenchymal stem cells and innate tolerance: biology and clinical applications. Swiss Medical Weekly, 2010, 140, w13121.	0.8	31

#	ARTICLE	IF	CITATIONS
10395	Mesenchymal stem cells: myths and reality. Swiss Medical Weekly, 2015, 145, w14229.	0.8	14
10396	Effects of umbilical cord tissue mesenchymal stem cells (UCX ^Â) on rat sciatic nerve regeneration after neurotmesis injuries. Journal of Stem Cells and Regenerative Medicine, 2014, 10, 14-26.	2.2	33
10397	Human mesenchymal stem cells stimulate EaHy926 endothelial cell migration: combined proteomic and in vitro analysis of the influence of donor-donor variability. Journal of Stem Cells and Regenerative Medicine, 2015, 11, 18-24.	2.2	20
10398	Compatibility of Porous Chitosan Scaffold with the Attachment and Proliferation of human Adipose-Derived Stem Cells In Vitro. Journal of Stem Cells and Regenerative Medicine, 2016, 12, 79-86.	2.2	10
10399	Comparative study of the methods of extracting mesenchymal stem cells from cryopreserved Wharton's Jelly. Journal of Stem Cells and Regenerative Medicine, 2017, 13, 29-32.	2.2	1
10400	Post-natal "mesenchymal" stem cells: the assayable skeletal potency. Journal of Stem Cells and Regenerative Medicine, 2019, 15, 12-15.	2.2	5
10401	Human adipose-derived stromal vascular fraction: characterization, safety and therapeutic potential in an experimental mouse model of articular injury. Journal of Stem Cells and Regenerative Medicine, 2020, 16, 16-25.	2.2	9
10402	Injectable platelet-rich fibrin influences the behavior of gingival mesenchymal stem cells. Romanian Journal of Morphology and Embryology, 2020, 61, 189-198.	0.4	10
10403	How do GTR and GBR Differ? A Periodontitis Case Treated Using an Equine-derived, Enzyme-deantigenic, Collagenpreserving Bone Graft, and Collagen Membranes. Journal of Contemporary Dental Practice, 2019, 20, 639-644.	0.2	4
10404	Mesenchymal Stem Cells for the Treatment of Liver Disease: Present and Perspectives. Gut and Liver, 2020, 14, 306-315.	1.4	47
10405	Human Stromal (Mesenchymal) Stem Cells: Basic Biology and Current Clinical Use for Tissue Regeneration. Annals of Saudi Medicine, 2012, 32, 68-77.	0.5	51
10406	Differentiation potentials of two stroma-resident tissue-specific stem cells. Niche Journal, 2012, 1, 1-7.	0.4	1
10407	Umbilical cord as a mesenchymal stem cell source for treating joint pathologies. World Journal of Orthopedics, 2011, 2, 43.	0.8	18
10408	Differential Potential of Stem Cells Following Their Origin - Subacromial Bursa, Bone Marrow, Umbilical Cord Blood -. Clinics in Shoulder and Elbow, 2012, 15, 65-72.	0.5	2
10409	Attachment and Proliferation of Human-Adipose-Tissue-Derived Stem Cells on Bioactive Glass/PVA Hybrid Scaffolds. ISRN Materials Science, 2011, 2011, 1-7.	1.0	3
10410	Structural plasticity and isolation of umbilical cord progenitor cells of agouti (Dasyprocta) Tj ETQq1 1 0.784314 rgBT ₁ /Overlock 10 Tf 50	0.1	1
10411	Plasma Rich in Growth Factors Stimulates Proliferation and Mineralization in Mesenchymal Stem Cells from Human Bone Marrow . International Journal of Oral-Medical Sciences, 2017, 16, 1-7.	0.2	3
10412	Comparison with human amniotic membrane- and adipose tissue-derived mesenchymal stem cells. Korean Journal of Obstetrics & Gynecology, 2011, 54, 674.	0.1	3

#	ARTICLE	IF	CITATIONS
10413	Global knockdown of microRNAs affects the expression of growth factors and cytokines in human adipose-derived mesenchymal stem cells. <i>BMB Reports</i> , 2014, 47, 469-474.	1.1	3
10414	Force-mediated proinvasive matrix remodeling driven by tumor-associated mesenchymal stem-like cells in glioblastoma. <i>BMB Reports</i> , 2018, 51, 182-187.	1.1	20
10415	The effect of nano-scale topography on osteogenic differentiation of mesenchymal stem cells. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 005-016.	0.2	23
10416	Towards an ideal source of mesenchymal stem cell isolation for possible therapeutic application in regenerative medicine. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 356-360.	0.2	8
10417	Mesenchymal stem cells as the near future of cardiology medicine - truth or wish?. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2019, 163, 8-18.	0.2	8
10418	Human umbilical cord expresses several vasoactive peptides involved in the local regulation of vascular tone: protein and gene expression of Orphanin, Oxytocin, ANP, eNOS and iNOS. <i>Folia Histochemica Et Cytobiologica</i> , 2011, 49, 211-218.	0.6	9
10419	Effects of maternal age on the expression of mesenchymal stem cell markers in the components of human umbilical cord. <i>Folia Histochemica Et Cytobiologica</i> , 2015, 53, 259-271.	0.6	9
10420	The effect of basic fibroblast growth factor and adipose tissue-derived mesenchymal stem cells on wound healing, epithelization and angiogenesis in a tracheal resection and end-to-end anastomosis rat model. <i>Turkish Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 21, 1010-1019.	0.2	3
10421	Mesenchymal stem cells for restoration of ovarian function. <i>Clinical and Experimental Reproductive Medicine</i> , 2019, 46, 1-7.	0.5	39
10422	Adult stem cell-based apexogenesis. <i>World Journal of Methodology</i> , 2014, 4, 99.	1.1	4
10423	Mesenchymal stem cells: new aspect in cell-based regenerative therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 433-7.	0.6	41
10424	Immunomodulatory nature and site specific affinity of mesenchymal stem cells: a hope in cell therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 5-13.	0.6	50
10425	Subpopulations of miniature pig mesenchymal stromal cells with different differentiation potentials differ in the expression of octamer-binding transcription factor 4 and sex determining region Y-box 2. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 515-524.	2.4	2
10426	Skeletal and Adipose Tissue Engineering with Adipose-Derived Stromal Cells. , 0, , .		1
10427	Tooth Organ Engineering: Biological Constraints Specifying Experimental Approaches. , 0, , .		5
10428	Regenerative Medicine and Tissue Engineering - Cells and Biomaterials. , 2011, , .		27
10429	Development of Human Fetal Mesenchymal Stem Cell Mediated Tissue Engineering Bone Grafts. , 0, , .		3
10430	Intra-Articular Injection of Bone Marrow-Derived Mesenchymal Stem Cells Leading to Better Clinical Outcomes without Difference in MRI Outcomes from Baseline in Patients with Knee Osteoarthritis. <i>Knee Surgery and Related Research</i> , 2018, 30, 206-214.	1.8	30

#	ARTICLE	IF	CITATIONS
10431	The Current State of Clinical Cell Transplantation Trials in Iran: A Survey in 2011. Archives of Neuroscience, 2013, 1, 7-14.	0.1	1
10432	Literature Review of Adipose-derived Mesenchymal Cells from History to Approaches. Iranian Red Crescent Medical Journal, 2016, 19, .	0.5	2
10433	Adipose Tissue Derived Multipotent Mesenchymal Stromal Cells Can Be Isolated Using Serum-free Media. Iranian Red Crescent Medical Journal, 2013, 15, 324-9.	0.5	15
10434	Platelet-Rich Plasma Accelerates Bone Differentiation in Human Adipose-Derived Mesenchymal Stromal Cells: An Experimental Study. Iranian Red Crescent Medical Journal, 2018, In Press, .	0.5	1
10435	Dermal regeneration with MilliGraft® Kit of nanofat: The micrograft of adipose tissue: A clinical assessment study. Scripta Medica, 2019, 50, 117-121.	0.0	2
10436	Surface markers distinguishing mesenchymal stem cells from fibroblasts. Acta Medica Lituanica, 2012, 19, 75-79.	0.2	38
10437	Combination of bone marrow mesenchymal stem cells and cartilage fragments contribute to enhanced repair of osteochondral defects. Bioinformation, 2017, 13, 196-201.	0.2	5
10438	Evaluation of in vitro chondrocytic differentiation: A stem cell research initiative at the King Abdulaziz University, Kingdom of Saudi Arabia. Bioinformation, 2018, 14, 53-59.	0.2	2
10439	Differentiation of umbilical cord lining membrane-derived mesenchymal stem cells into endothelial-like cells. Iranian Biomedical Journal, 2014, 18, 67-75.	0.4	21
10440	Current view of mesenchymal stem cells biology (brief review). Biopolymers and Cell, 2012, 28, 190-198.	0.1	7
10441	Choice of conditions of human bone marrow stromal cells seeding into polymer macroporus sponges. Biopolymers and Cell, 2008, 24, 399-405.	0.1	5
10442	Comparison of proliferative activity of Wharton jelly mesenchymal stem cells in cultures under various gas conditions. Biopolymers and Cell, 2015, 31, 233-239.	0.1	6
10443	Distribution of transplanted human mesenchymal stem cells from Wharton's Jelly in the central nervous systems of the EAE rats. Biopolymers and Cell, 2015, 31, 371-378.	0.1	2
10444	Morphological characteristics of mesenchymal stem cells from Wharton jelly, cultivated under physiological oxygen tensions, in various gas mixtures. Biopolymers and Cell, 2016, 32, 262-270.	0.1	6
10445	Culture conditions for growth of clinical grade human tissue derived mesenchymal stem cells: comparative study between commercial serum-free media and human product supplemented media. Journal of Regenerative Medicine & Tissue Engineering, 2013, 2, 10.	1.5	9
10446	Comparative global gene expression profile of human limbal stromal cells, bone marrow mesenchymal stromal cells, adipose-derived mesenchymal stromal cells and foreskin fibroblasts. Stem Cell Biology and Research, 2014, 1, 1.	0.4	2
10447	Bone marrow-derived mesenchymal stem cells (MSCs) stimulate neurite outgrowth from differentiating adult hippocampal progenitor cells. Stem Cell Biology and Research, 2016, 3, 3.	0.4	7
10449	Characteristics of Human Endometrial Stem Cells in Tissue and Isolated Cultured Cells: An Immunohistochemical Aspect. Iranian Biomedical Journal, 2016, 20, 109-16.	0.4	16

#	ARTICLE	IF	CITATIONS
10450	Autophagy-Modulated Human Bone Marrow-Derived Mesenchymal Stem Cells Accelerate Liver Restoration in Mouse Models of Acute Liver Failure. Iranian Biomedical Journal, 2016, 20, 135-44.	0.4	17
10451	Increase of circulating IGFBP-4 following genotoxic stress and its implication for senescence. ELife, 2020, 9, .	2.8	22
10452	A molecular classification of human mesenchymal stromal cells. PeerJ, 2016, 4, e1845.	0.9	41
10453	Preliminary study on non-viral transfection of F9 (factor IX) gene by nucleofection in human adipose-derived mesenchymal stem cells. PeerJ, 2016, 4, e1907.	0.9	7
10454	Characterization of adipose tissue macrophages and adipose-derived stem cells in critical wounds. PeerJ, 2017, 5, e2824.	0.9	10
10455	Heterogenic transplantation of bone marrow-derived rhesus macaque mesenchymal stem cells ameliorates liver fibrosis induced by carbon tetrachloride in mouse. PeerJ, 2018, 6, e4336.	0.9	15
10456	Comparison of therapeutic effects of different mesenchymal stem cells on rheumatoid arthritis in mice. PeerJ, 2019, 7, e7023.	0.9	31
10457	Medium-term Electrophysiologic Effects of a Cellularized Scaffold Implanted in Rats After Myocardial Infarction. Cureus, 2018, 10, e2959.	0.2	2
10458	Effect of Hypoxia on Stemness and Differentiation of Dental Pulp Derived Stem Cells. IOSR Journal of Dental and Medical Sciences, 2016, 15, 102-111.	0.0	7
10459	Imaging Stem Cell-Based Myocardial Vasculoprotection. , 2021, , 1-26.		0
10460	Single-cell RNA sequencing deconvolutes the <i>in vivo</i> heterogeneity of human bone marrow-derived mesenchymal stem cells. International Journal of Biological Sciences, 2021, 17, 4192-4206.	2.6	39
10461	Mitochondria and the Tumour Microenvironment in Blood Cancer. Advances in Experimental Medicine and Biology, 2021, 1329, 181-203.	0.8	1
10462	The Failed Rotator Cuff: Diagnosis and Management—New Concepts in Biology of Repair. , 2021, , 23-31.		0
10463	Virology of SARS-CoV-2 and management of nCOVID-19 utilizing Immunomodulation properties of human mesenchymal stem cells—a literature review. Stem Cell Investigation, 2021, 8, 0-0.	1.3	1
10464	Human antigen R promotes angiogenesis of endothelial cells cultured with adipose stem cells derived exosomes via overexpression of vascular endothelial growth factor in vitro. Adipocyte, 2021, 10, 475-482.	1.3	7
10465	Therapeutic Application of Perinatal Stem Cells in Cardiovascular Diseases: Current Progress and Future Prospects. , 2021, , 225-249.		1
10466	Mesenchymal Stem Cell-Based Heart Cell Therapy: The Effect of Route of Cell Delivery in the Clinical Perspective. , 2021, , 151-190.		2
10469	Calcium Oscillations In Differentiating Mesenchymal Stem Cells: Analysis And Control Using Pulsed Electric Fields. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
10470	Combination Therapy of Metadichol Nanogel and Lipocalin-2 Engineered Mesenchymal Stem Cells Improve Wound Healing in Rat Model of Excision Injury. <i>Advanced Pharmaceutical Bulletin</i> , 2022, 12, 550-560.	0.6	3
10471	Efficacy of mesenchymal stromal cells in preclinical models of necrotizing enterocolitis: a systematic review protocol. <i>F1000Research</i> , 0, 10, 1011.	0.8	0
10472	Multipotent stromal cells: One name, multiple identities. <i>Cell Stem Cell</i> , 2021, 28, 1690-1707.	5.2	73
10473	Current knowledge and challenges associated with targeted delivery of neurotrophic factors into the central nervous system: focus on available approaches. <i>Cell and Bioscience</i> , 2021, 11, 181.	2.1	15
10474	Red blood cells and their releasates compromise bone marrow-derived human mesenchymal stem/stromal cell survival in vitro. <i>Stem Cell Research and Therapy</i> , 2021, 12, 547.	2.4	4
10475	Improving the Efficacy of Mesenchymal Stem/Stromal-Based Therapy for Treatment of Inflammatory Bowel Diseases. <i>Biomedicines</i> , 2021, 9, 1507.	1.4	12
10476	Treatment of Chronic Spinal Cord Injury in Dogs Using Amniotic Membrane-Derived Stem Cells: Preliminary Results. <i>Stem Cells and Cloning: Advances and Applications</i> , 2021, Volume 14, 39-49.	2.3	2
10477	Magnetic Nanoparticles and Magnetic Field Exposure Enhances Chondrogenesis of Human Adipose Derived Mesenchymal Stem Cells But Not of Wharton Jelly Mesenchymal Stem Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 737132.	2.0	14
10478	Modifications in Gene Expression in the Process of Osteoblastic Differentiation of Multipotent Bone Marrow-Derived Human Mesenchymal Stem Cells Induced by a Novel Osteoinductive Porous Medical-Grade 3D-Printed Poly(μ -caprolactone)/ β -tricalcium Phosphate Composite. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11216.	1.8	12
10479	Osteogenically differentiated mesenchymal stem cells promote the apoptosis of human umbilical vein endothelial cells in vitro. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	1.4	1
10480	Characterization and evaluation of ascorbic acid-induced cell sheet formation in human periodontal ligament stem cells: An in Vitro study. <i>Journal of Oral Biosciences</i> , 2021, 63, 429-435.	0.8	3
10481	Aspects of In Vitro Biodegradation of Hybrid Fibrin-Collagen Scaffolds. <i>Polymers</i> , 2021, 13, 3470.	2.0	5
10482	The Regenerative Effect of Intra-Articular Injection of Autologous Fat Micro-Graft in Treatment of Chronic Knee Osteoarthritis. , 0, , .		0
10483	Mesenchymal stem cells derived from human induced pluripotent stem cells improve the engraftment of myogenic cells by secreting urokinase-type plasminogen activator receptor (uPAR). <i>Stem Cell Research and Therapy</i> , 2021, 12, 532.	2.4	4
10484	SPION-MSCs enhance therapeutic efficacy in sepsis by regulating MSC-expressed TRAF1-dependent macrophage polarization. <i>Stem Cell Research and Therapy</i> , 2021, 12, 531.	2.4	13
10485	Rho/ROCK Inhibition Promotes TGF- β 3-Induced Tenogenic Differentiation in Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2021, 2021, 1-11.	1.2	10
10486	Dissecting the relationship between antimicrobial peptides and mesenchymal stem cells. , 2022, 233, 108021.		12
10487	Adipose-Derived Stem/Stromal Cells in Kidney Transplantation: Status Quo and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11188.	1.8	6

#	ARTICLE	IF	CITATIONS
10488	Mesenchymal Stem Cell Therapy for Acetaminophen-Related Liver Injury: A Systematic Review and Meta-Analysis of Experimental Studies in Vivo. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, .	0.6	0
10489	Sodium Butyrate Pre-Treatment Enhance Differentiation of Bone Marrow Mesenchymal Stem Cells (BM-MSCs) into Hepatocytes and Improve Liver Injury. <i>Current Molecular Medicine</i> , 2022, 22, 663-674.	0.6	3
10490	Mesenchymal Stromal Cells: an Antimicrobial and Host-Directed Therapy for Complex Infectious Diseases. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0006421.	5.7	13
10491	Regenerative Medicine of Liver: Promises, Advances and Challenges. <i>Biomimetics</i> , 2021, 6, 62.	1.5	5
10493	Establishment of a Pre-vascularized 3D Lung Cancer Model in Fibrin Gel—Influence of Hypoxia and Cancer-Specific Therapeutics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 761846.	2.0	7
10494	Label-free characterization of an extracellular vesicle-based therapeutic. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12156.	5.5	22
10495	A critical review on the potential role of adipose-derived stem cells for future treatment of hypertrophic scars. <i>Journal of Cosmetic Dermatology</i> , 2021, , .	0.8	2
10496	Mesenchymal stem cells seeded onto nanofiber scaffold for myocardial regeneration. <i>Biotechnic and Histochemistry</i> , 2022, 97, 322-333.	0.7	7
10497	Impact of Donor Age on the Osteogenic Supportive Capacity of Mesenchymal Stromal Cell-Derived Extracellular Matrix. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 747521.	1.8	26
10498	Roles of the Mesenchymal Stromal/Stem Cell Marker Meflin/Islr in Cancer Fibrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 749924.	1.8	27
10499	The Current Role of Stem Cell Therapy and iPS Cells. , 2022, , 207-219.		0
10500	Effect of glycyrrhizic acid and 18Î²-glycyrrhetic acid on the differentiation of human umbilical cord-mesenchymal stem cells into hepatocytes. <i>World Journal of Stem Cells</i> , 2021, 13, 1580-1594.	1.3	6
10501	Therapeutic efficacy of mesenchymal stem cells for cardiovascular diseases. <i>Journal of Mind and Medical Sciences</i> , 2021, 8, 179-190.	0.1	2
10502	Human Umbilical Mesenchymal Stromal Cells Mixed with Hyaluronan Transplantation Decreased Cartilage Destruction in a Rabbit Osteoarthritis Model. <i>Stem Cells International</i> , 2021, 2021, 1-12.	1.2	5
10503	Mesenchymal stem cells, exosomes and exosome-mimics as smart drug carriers for targeted cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112163.	2.5	22
10504	Mechanisms of Hydroxyurea-Induced Cellular Senescence: An Oxidative Stress Connection?. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	18
10505	Cellular Complexity of Hemochorial Placenta: Stem Cell Populations, Insights from scRNA-seq, and SARS-CoV-2 Susceptibility. <i>Current Stem Cell Reports</i> , 2021, 7, 185-193.	0.7	1
10506	Characteristics of Mesenchymal Stem Cells Are Independent of Bone Marrow Storage Temperatures. <i>Stem Cells International</i> , 2021, 2021, 1-8.	1.2	0

#	ARTICLE	IF	CITATIONS
10507	In Vivo Micro-Computerized Tomography Tracking of Human Periodontal Ligament Stem Cells Labeled with Gold Nanocomplexes. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101133.	3.9	5
10508	Impact of donor nutritional balance on the growth and development of mesenchymal stem cells from caprine umbilical cord Wharton's jelly. <i>Veterinary Research Communications</i> , 2022, 46, 169-182.	0.6	2
10509	Influence of Dipeptidyl Peptidase-4 (DPP4) on Mesenchymal Stem-Cell (MSC) Biology: Implications for Regenerative Medicine – Review. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 56-76.	1.7	8
10510	Muscle Regeneration of the Tongue: A Review of Current Clinical and Regenerative Research Strategies. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 1022-1034.	2.5	2
10511	Bone Marrow Microenvironment in Light-Chain Amyloidosis: In Vitro Expansion and Characterization of Mesenchymal Stromal Cells. <i>Biomedicines</i> , 2021, 9, 1523.	1.4	0
10512	Establishment of a consensus definition for mesenchymal stromal cells (MSC) and reporting guidelines for clinical trials of MSC therapy: a modified Delphi study protocol. <i>BMJ Open</i> , 2021, 11, e054740.	0.8	6
10513	Characterization and miRNA Profiling of Extracellular Vesicles from Human Osteoarthritic Subchondral Bone Multipotential Stromal Cells (MSCs). <i>Stem Cells International</i> , 2021, 2021, 1-16.	1.2	6
10515	Perspective on Stem Cell Therapy in Organ Fibrosis: Animal Models and Human Studies. <i>Life</i> , 2021, 11, 1068.	1.1	9
10516	Clinical outcomes following intra-articular injection of autologous adipose-derived mesenchymal stem cells for the treatment of osteoarthritis in dogs characterized by weight-bearing asymmetry. <i>Bone and Joint Research</i> , 2021, 10, 650-658.	1.3	14
10517	Mesenchymal Stromal Cells and Extracellular Vesicles. , 2022, , 171-193.		2
10518	Upregulation of CPNE7 in mesenchymal stromal cells promotes oral squamous cell carcinoma metastasis through the NF- κ B pathway. <i>Cell Death Discovery</i> , 2021, 7, 294.	2.0	7
10519	Dental Pulp Stem Cells Derived From Adult Human Third Molar Tooth: A Brief Review. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 717624.	1.8	27
10520	Newer Horizon of Mesenchymal Stem Cell-Based Therapy in the Management of SARS-CoV-2-Associated Mucormycosis: A Safe Hope for Future Medicine. <i>Frontiers in Microbiology</i> , 2021, 12, 738983.	1.5	2
10521	Mesenchymal stem/stromal cell therapy in atopic dermatitis and chronic urticaria: immunological and clinical viewpoints. <i>Stem Cell Research and Therapy</i> , 2021, 12, 539.	2.4	5
10522	Molecular Mechanisms of Mesenchymal Stem Cell-Based Therapy in Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11406.	1.8	7
10523	In Utero Fetal Therapy: Stem Cells, Cell Transplantation, Gene Therapy, and CRISPR-Cas9. <i>Clinical Obstetrics and Gynecology</i> , 2021, 64, 861-875.	0.6	3
10525	Paracrine Regulation of Alveolar Epithelial Damage and Repair Responses by Human Lung-Resident Mesenchymal Stromal Cells. <i>Cells</i> , 2021, 10, 2860.	1.8	10
10526	Adipose-derived stem cells and obesity: The spear and shield relationship. <i>Genes and Diseases</i> , 2023, 10, 175-186.	1.5	4

#	ARTICLE	IF	CITATIONS
10527	From Primary MSC Culture of Adipose Tissue to Immortalized Cell Line Producing Cytokines for Potential Use in Regenerative Medicine Therapy or Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11439.	1.8	7
10528	Hydroxyurea Induces Bone Marrow Mesenchymal Stromal Cells Senescence and Modifies Cell Functionality In Vitro. <i>Journal of Personalized Medicine</i> , 2021, 11, 1048.	1.1	2
10529	Combining systemic and locally applied cellular therapies for the treatment of systemic sclerosis. <i>Bone Marrow Transplantation</i> , 2022, 57, 17-22.	1.3	5
10530	In Vitro Cellular and Molecular Interplay between Human Foreskin-Derived Mesenchymal Stromal/Stem Cells and the Th17 Cell Pathway. <i>Pharmaceutics</i> , 2021, 13, 1736.	2.0	7
10531	Techniques for increasing the yield of stem cell-derived exosomes: what factors may be involved?. <i>Science China Life Sciences</i> , 2022, 65, 1325-1341.	2.3	13
10532	Human adipose-derived stromal cells transplantation prolongs reproductive lifespan on mouse models of mild and severe premature ovarian insufficiency. <i>Stem Cell Research and Therapy</i> , 2021, 12, 537.	2.4	11
10533	Infusion of Allogeneic Mesenchymal Stromal Cells After Liver Transplantation: A 5-Year Follow-Up. <i>Liver Transplantation</i> , 2022, 28, 636-646.	1.3	7
10534	Bovine Fetal Mesenchymal Stem Cells Obtained From Omental Adipose Tissue and Placenta Are More Resistant to Cryoprotectant Exposure Than Those From Bone Marrow. <i>Frontiers in Veterinary Science</i> , 2021, 8, 708972.	0.9	5
10535	Isolation and Expansion of Mesenchymal Stem/Stromal Cells, Functional Assays and Long-Term Culture Associated Alterations of Cellular Properties. <i>Biochemistry</i> , 0, , .	0.8	0
10536	Immunotherapy of multisystem inflammatory syndrome in children (MIS-C) following COVID-19 through mesenchymal stem cells. <i>International Immunopharmacology</i> , 2021, 101, 108217.	1.7	18
10537	Preconditioned human dental pulp stem cells with cerium and yttrium oxide nanoparticles effectively ameliorate diabetic hyperglycemia while combatting hypoxia. <i>Tissue and Cell</i> , 2021, 73, 101661.	1.0	3
10538	Bone Marrow-Derived Stem Cells. , 2004, , 271-281.		2
10539	Stem Cell Biology. , 2004, , 57-65.		0
10540	C�lulas madre mesenquimales: caracter�sticas biol�gicas y aplicaciones cl�nicas.. <i>Nova</i> , 2007, 5, 177.	0.2	3
10541	Stem Cells and Regenerative Medicine. <i>Springer Protocols</i> , 2008, , 905-916.	0.1	0
10542	Cell-Based Therapies for Musculoskeletal Repair. , 2008, , 888-911.		1
10543	Persistence of Human Parvovirus B19 in Multipotent Mesenchymal Stromal Cells Expressing the Erythrocyte P antigen: Implications for Transplantation. <i>Blood</i> , 2008, 112, 4745-4745.	0.6	1
10544	Non-hematopoietic Stem and Progenitor Cells Derived From Human Umbilical Cord Blood. , 2009, , 123-157.		1

#	ARTICLE	IF	CITATIONS
10545	Postnatal Stem Cells in Tissue Engineering. , 2009, , 583-590.		0
10546	Bone Marrow Concentrate: a novel tool for bone repair!. IFMBE Proceedings, 2009, , 116-118.	0.2	0
10547	Stem Cell Transplantation Therapy for Neurological Diseases. , 2009, , 491-511.		0
10548	Preclinical Evidence for Cellular Therapy as a Treatment for Neurological Disease. , 2009, , 561-573.		0
10549	Biological Characteristics of MSCs. Advanced Topics in Science and Technology in China, 2009, , 19-58.	0.0	0
10550	Adult Stem Cells and Pancreatic Differentiation. , 2009, , 81-89.		0
10551	MSCs Identification. Advanced Topics in Science and Technology in China, 2009, , 13-17.	0.0	0
10552	Stammzellen. , 2009, , 443-471.		0
10553	Multipotent Stromal Cells (hMSCs). Human Cell Culture, 2009, , 45-72.	0.1	0
10554	Therapeutic Potential of Mesenchymal Stem Cells in Hematopoietic Stem Cell Transplantation. , 2010, , 477-490.		0
10555	Bone Marrow Stromal Cells for the Treatment of Spinal Cord Injury in Rats. Journal of Biological Sciences, 2009, 10, 53-57.	0.1	2
10556	Mesenchymal Stem Cells for Acute Lung Injury. , 2010, , 121-140.		0
10557	Der Effekt von chronischem und akutem Wundmilieu auf humane Keratinozyten und adulte Stammzellen. Langenbecks Archiv Für Chirurgie Supplement, 2010, , 139-141.	0.0	0
10558	Chapter 11. Mesenchymal Osteogenic Precursors for Bone Repair and Regeneration. , 2010, , 235-247.		0
10559	Chapter 7. Mesenchymal Stromal/Stem Cells from Tissue Repair to Destruction of Tumor Cells. , 2010, , 141-158.		0
10560	Chapter 9. Culturing Non-hematopoietic Mesenchymal Stromal Cells and Requirements of GMP in Stem Cell-based Therapies. , 2010, , 178-202.		0
10561	A General Review of the Current Knowledge of Stem Cell Therapy for Lung Disorders. , 2010, , 1-51.		0
10562	Reponses of Mesenchymal Stem Cells to Varying Oxygen Availability In Vitro and In Vivo. , 2011, , 199-211.		0

#	ARTICLE	IF	CITATIONS
10563	Cells and Vascular Tissue Engineering. , 2011, , 261-295.		0
10564	Targeting novel antigens in the arterial wall in thromboangiitis obliterans.. Folia Histochemica Et Cytobiologica, 2010, 48, 134-41.	0.6	2
10565	Secretion of Indoleamine 2,3-Dioxygenase, an Immunomodulatory Substance, by Adipose-Derived Mesenchymal Stem Cell. Indonesian Journal of Cancer Chemoprevention, 2010, 1, 92.	0.3	2
10566	Therapeutic Applications of Mesenchymal Stem/Multipotent Stromal Cells. Pancreatic Islet Biology, 2011, , 195-218.	0.1	0
10568	Musculoskeletal Stem Cells. , 2011, , 397-417.		0
10569	Use of Non-hematopoietic Stem Cells of Fetal Origin from Cord Blood, Umbilical Cord, and Placenta in Regeneration Medicine. , 2011, , 283-295.		1
10570	Differentiation and Plasticity of Stem Cells for Tissue Engineering. , 2011, , 113-130.		0
10571	Embryonic-Like Stem Cells and the Importance of Human Umbilical Cord Blood for Regenerative Medicine. , 2011, , 271-281.		0
10572	Adult Stem Cells: Sources and Characterization. , 2011, , 83-92.		0
10573	Combination Cellular Therapy for Regenerative Medicine: The Stem Cell Niche. , 2011, , 321-327.		0
10574	Lung. , 2011, , 713-730.		0
10575	Mesenchymal Stromal Cells: An Emerging Cell-Based Pharmaceutical. , 2011, , 127-148.		0
10576	Mesenchymal Stromal Cells Derived from Wharton's Jelly. , 2010, , 267-287.		0
10577	Les cellules Stromales: un futur thérapeutique des maladies ostéo-articulaires. , 2011, , 171-177.		0
10578	The TGF- β 1-Induced Expression of Matrix Metalloproteinases in Mesenchymal Stromal Cells is Influenced by Type of Substrate. Journal of Tissue Science & Engineering, 2011, 02, .	0.2	1
10579	Tissue Engineering: Bone. , 2011, , 236-251.		0
10580	Adipose Stem Cell Engineering: Characterization and Current Application in Neurological Tissue Repair. , 2011, , 155-164.		0
10582	Regulating in Vitro Motility of Human Mesenchymal Stem Cells with Macrophage Migration Inhibitory Factor (MIF) and a Small-Molecule MIF Antagonist. , 2012, , 149-160.		0

#	ARTICLE	IF	CITATIONS
10583	Omentum in the Repair of Injured Tissue: Evidence for Omental Stem Cells. , 2012, , 283-290.		0
10584	Mesenchymal Stem Cells For Cellular Therapies. , 2012, , 179-187.		0
10585	Proteomic Characterization of Mesenchymal Stem Cell-Like Populations Derived from Various Tissue Types. , 2012, , 75-94.		0
10587	Mesenchymal Stem Cells from Bone Marrow. Series in Medical Physics and Biomedical Engineering, 2011, , 31-52.	0.1	0
10588	Perspectives of Cell Therapy in Type 1 Diabetes. , 0, , .		0
10589	A Novel Adult Marrow Stromal Stem Cell Based 3-D Postnatal De Novo Vasculogenesis for Vascular Tissue Engineering. , 0, , .		0
10591	Mesenchymal stem cells: a delivery vehicle for cancer therapy. Academic Journal of Second Military Medical University, 2011, 31, 1030-1034.	0.0	0
10592	Dental Implants Application Using Tissue Engineering Technology. , 2012, , 137-147.		0
10593	Isolation and Characterization of Mesenchymal Stem Cells from Human Fetal Liver; Potential Candidates for Replacement Therapy in Liver Disease. Journal of Liver: Disease & Transplantation, 2012, 01, .	0.0	0
10594	Stem/Progenitor-Cell-Based Approach for Restenosis after Percutaneous Coronary Intervention: Application of Bone Marrow Progenitors and Future Perspectives. Translational Medicine (Sunnyvale,) Tj ETQq1 1 00784314 rgBT /Over		0
10595	Histologic Evaluation of the New Bone Obtained from Directed Bone Enhancement with Mesenchymal Stem Cell Transplantation in Rabbit Calvarium. Turkiye Klinikleri Journal of Medical Sciences, 2012, 32, 659-669.	0.1	0
10596	Stem cells for disc regeneration. , 2012, , 536-562.		0
10598	Advances and Applications in Stem Cell Biology. Journal of Postgraduate Medicine Education and Research, 2012, 46, 75-80.	0.1	0
10599	Development of a Protocol for Human Adipose Stem Cell Culture in CO2 Independent Medium and Perfusion Bioreactor. Journal of Tissue Science & Engineering, 2012, S11, .	0.2	0
10600	Cellules souches mÃ©senchymateuses. , 2012, , 131-137.		0
10601	Advances in Mesenchymal Stromal Cell Properties. Journal of Transplantation Technologies & Research, 2012, 02, .	0.1	0
10602	Mesenchymal Stem Cells: The New Immunosuppressants?. Journal of Postgraduate Medicine Education and Research, 2012, 46, 63-68.	0.1	0
10603	Mesenchymal Stem Cells: Possibilities of New Treatment Options. , 2012, , 59-67.		2

#	ARTICLE	IF	CITATIONS
10604	Cellular Therapies for Immunosuppression. , 0, , .		0
10605	Mesenchymal Stem Cells as Immunomodulators in Transplantation. , 0, , .		0
10606	Oral Tissues as Source for Bone Regeneration in Dental Implantology. , 0, , .		0
10607	Biomarkers, Stem Cells and Esophageal Cancer. , 0, , .		1
10608	Towards Clinical Application of Mesenchymal Stromal Cells: Perspectives and Requirements for Orthopaedic Applications. , 0, , .		1
10609	Therapeutic Application of Allogeneic Fetal Membrane-Derived Mesenchymal Stem Cell Transplantation in Regenerative Medicine. , 0, , .		0
10610	Bone marrow mesenchymal stem cell from chronic hepatitis B patients differentiation into hepatocyte-like cells. African Journal of Microbiology Research, 2012, 6, .	0.4	0
10611	Recent Patents on Biomedical Applications for the Treatment of Atherosclerosis. Recent Patents on Regenerative Medicine, 2012, 2, 75-102.	0.4	3
10612	Potential of Mesenchymal Stem Cells for Liver Regeneration. , 0, , .		0
10613	Clinical Aspects of the Use of Stem Cells and Biomaterials for Bone Repair and Regeneration. , 2012, , 493-520.		0
10615	Adipose-Derived Stem Cells for Future Regenerative System Medicine. Indonesian Biomedical Journal, 2012, 4, 59.	0.2	30
10616	The Immunosuppressive Properties of Adult Stem Cells: Mesenchymal Stem Cells as a Case Study. , 2013, , 175-197.		0
10617	ISOLATION AND IDENTIFICATION OF ADIPOSE TISSUE-DERIVED STEM CELLS. Biochemistry Letters, 2012, 7, 225-231.	0.1	0
10618	MSCs for Treatment of Acute Lung Injury. , 2013, , 561-570.		0
10619	MSCs: Changing Hypotheses, Paradigms, and Controversies on Mechanisms of Action in Repairing Tissues. , 2013, , 17-42.		0
10620	MSCs: The Need to Rethink. , 2013, , 43-57.		0
10621	Experiences with In Utero Transplantation of Mesenchymal Stem Cells. , 2013, , 161-168.		0
10622	Potential Therapeutic Applications of Placental-Derived Stem Cells to Combat Tissue Inflammation and Fibrosis. , 2013, , 141-157.		0

#	ARTICLE	IF	CITATIONS
10623	Do Dermis-Derived Stem Cells Have the Same Characteristics as Bone Marrow- and Adipose Tissue-Derived Stem Cells?. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2013, , 630-634.	0.2	0
10624	Regeneration of Articular Cartilage. Advances in Medical Technologies and Clinical Practice Book Series, 2013, , 137-168.	0.3	0
10625	Dental Tissue Engineering Research and Translational Approaches towards Clinical Application. Advances in Medical Technologies and Clinical Practice Book Series, 2013, , 279-312.	0.3	0
10626	Transplanted Bone Marrow Stromal Cells and Bone Tissue Regeneration. , 2013, , 22-43.		0
10627	Impaired Functions of Bone Marrow Mesenchymal Stromal Cells in Patients with Hematological Malignancies are Partially Improved by Fibroblast Growth Factor. Journal of Stem Cell Research & Therapy, 2013, 03, .	0.3	0
10628	Lung. , 2013, , 861-879.		0
10629	Mesenchymal Stromal/Stem Cell Transplantation: From Tissue Regeneration to Immune Modulation. , 2013, , 391-397.		0
10630	Biology of MSCs Isolated from Different Tissues. , 2013, , 17-32.		0
10631	Mesenchymal stem cells for the treatment of tendon disorders. Journal of Biomedical Science and Engineering, 2013, 06, 14-23.	0.2	0
10632	Musculoskeletal Stem Cells. , 2013, , 433-453.		0
10633	Adipose Tissue-Derived Mesenchymal Stem Cell and Angiogenesis in Ischemic Heart Disease. , 2013, , 285-311.		1
10634	Mesenchymal Stem Cells as Therapy for Graft Versus Host Disease: What Have We Learned?. , 2013, , 173-190.		0
10635	Isolation and Purification Methods for Mesenchymal Stem Cells. , 2013, , 44-63.		0
10636	Increased Adiposity and Endometrial Cancer Risk. , 2013, , 53-69.		0
10637	Clinical Impact of Radiation-Resistant Mesenchymal Stem Cells in Bone Marrow Deduced from Preclinical Studies. Journal of Bone Marrow Research, 2013, 01, .	0.2	0
10638	Pediatric Diseases and Stem Cells: Recent Advances and Challenges. Pancreatic Islet Biology, 2013, , 125-158.	0.1	0
10639	Stem Cells in Inflammatory Bowel Disease: New Potential Therapeutic Target. Intestinal Research, 2013, 11, 79.	1.0	1
10640	Adult Lung Stem Cells. Pancreatic Islet Biology, 2014, , 287-318.	0.1	0

#	ARTICLE	IF	CITATIONS
10641	Bone marrow mesenchymal cells: Promises for use in rheumatic diseases. Nauchno-Prakticheskaya Revmatologiya, 2013, A, 59.	0.2	0
10642	Mesenchymal Stem Cell Therapy for Equine Tendinitis. Recent Patents on Regenerative Medicine, 2013, 3, 103-110.	0.4	2
10645	Cardiac Cell Therapy for Ischemic Heart Disease. , 2013, , 229-257.		0
10646	Stem Cells: Are They Pertinent to My Research?. Success in Academic Surgery, 2014, , 157-170.	0.1	0
10647	Recent Patents Pertaining to Immune Modulation and Musculoskeletal Regeneration with Wharton’s Jelly Cells. Recent Patents on Regenerative Medicine, 2013, 3, 182-192.	0.4	1
10650	Current Strategies to Improve Engraftment in Cord Blood Transplantation. Journal of Stem Cell Research & Therapy, 2014, 04, .	0.3	1
10651	Efficient TRAIL Gene Delivery Using Nucleofection Based Method in Human Adiposed Derived Mesenchymal Stromal Cells. Cell Biology, 2014, 2, 28.	0.2	0
10652	Nitric Oxide Activates Signaling by c-Raf, MEK, p-JNK, p38 MAPK and p53 in Human Mesenchymal Stromal Cells inhibits their Osteogenic Differentiation by Blocking Expression of Runx2. Journal of Stem Cell Research & Therapy, 2014, 04, .	0.3	3
10653	The Effect of Specific Oligonucleotides on the Proliferation of Human Bone-Marrow Mesenchymal Stem Cells. Journal of Hard Tissue Biology, 2014, 23, 343-350.	0.2	0
10654	Adipose Tissue and Progenitor Cells for Cartilage Formation. , 2014, , 1-12.		0
10655	Extensive Characterization of Stem Cells Derived from Skin. , 2014, , 335-342.		0
10656	Establishment of Mesenchymal Stem Cell Banks in India. Pancreatic Islet Biology, 2014, , 111-122.	0.1	0
10657	The Use of SHED in Cellular Therapy and Disease Modeling. JBR Journal of Interdisciplinary Medicine and Dental Science, 2014, 02, .	0.1	0
10658	Considerations for Culturing and Preserving Adult Stem Cells for Therapeutics. , 2014, , 15-30.		0
10659	Stem Cell Therapy for Cardiac Tissue Regeneration Post-myocardial Infarction. , 2014, , 105-115.		0
10660	Next-Generation Cartilage Solutions. , 2014, , 1-19.		0
10661	Sarcomagenesis. , 2014, , 245-261.		0
10662	Pulp Anatomy and Characterization of Pulp Cells. , 2014, , 13-33.		1

#	ARTICLE	IF	CITATIONS
10664	Mesenchymal Stem Cells for Cardiac Repair: Preclinical Models of Disease. , 2014, , 1-19.		0
10665	New Techniques for Cartilage Repair of the Patella. , 2014, , 239-245.		0
10667	Effect of Storage Media and Duration on Pulpal Cell Viability in Exfoliated Deciduous Teeth. The Journal of the Korean Academy of Pedtatric Dentistry, 2014, 41, 1-7.	0.1	1
10668	Treating Osteoarthritic Joints Using Dextrose Prolotherapy and Direct Bone Marrow Aspirate Injection Therapy,. The Open Urology & Nephrology Journal, 2014, 7, 1-9.	0.2	4
10669	Arthroplasty Using Autologous Multipotent Mesenchymal Cells and Collagen Membrane Chondro-Gide. N N Priorov Journal of Traumatology and Orthopedics, 2014, 21, 62-66.	0.1	1
10670	Expression of ido gene in fetal Liver mesenchymal stem cells following cryopreservation. Problems of Cryobiology and Cryomedicine, 2014, 24, 16-27.	0.3	0
10671	Arthroplasty Using Autologous Multipotent Mesenchymal Cells and Collagen Membrane Chondro-Gide. N N Priorov Journal of Traumatology and Orthopedics, 2014, , 62-66.	0.1	1
10673	AISLAMIENTO, CARACTERIZACIÃ“N Y POTENCIAL DE DIFERENCIACIÃ“N DE CÃ“LULAS MADRE MESENQUIMALES CANINAS, DERIVADAS DE TEJIDO ADIPOSO. Revista De La Facultad De Medicina Veterinaria Y De Zootecnia, 2014, 61, 115-133.	0.1	0
10674	IMMUNOMODULATORY ACTIVITY OF MESENCHIMAL STROMAL (STEM) CELLS. Medical Immunology (Russia), 2014, 16, 107.	0.1	1
10675	Existence of Mesenchymal-Like Somatic Stem Cells in the Porcine Uterus. , 2015, , 199-203.		0
10677	Identity of Human Endometrial Tissue: Potent Source of Stem Cells. , 2015, , 25-32.		0
10678	The Role of Microenvironment Stromal Cells in Regenerative Medicine. , 2015, , 17-22.		0
10679	Corneal Stem Cells: A Source of Cell Renewal with Therapeutic Potential. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 99-113.	0.4	0
10681	Mesenchymal Stem Cells in Laryngopharyngeal Cancer. Journal of Clinical Otolaryngology, 2014, 25, 137-141.	0.1	0
10682	Challenges of Cell Therapy for Lung Diseases and Critical Illnesses. Pancreatic Islet Biology, 2015, , 93-112.	0.1	0
10683	Stem Cells in the Treatment of Myocardial Infarction and Cardiomyopathy. Translational Medicine Research, 2015, , 277-316.	0.0	0
10684	Scaffold-Free Endogenous Healing of the Articular Cartilage Lesion. , 2015, , 1913-1926.		0
10685	Therapeutical Comparison of Mesenchymal Stem Cells from Different Tissues of Human Placenta in the Treatment of Mice with Acute Hepatic Failure. Journal of Stem Cell Research & Therapy, 2015, 5, .	0.3	0

#	ARTICLE	IF	CITATIONS
10686	Stem Cell Therapy for GVHD. Translational Medicine Research, 2015, , 361-389.	0.0	1
10687	Human and Dogsâ€™ Gingival Stem Cells are Different. Cell, Stem Cells and Regenerative Medicine, 2015, 1, .	0.1	1
10688	Two-Step Induction of Dopaminergic Neurone Differentiation of Leukapheresis-Derived Mesenchymal Stem Cells. American Journal of Bioscience and Bioengineering, 2015, 3, 7.	0.2	1
10689	Allogenic Mesenchymal Stromal Cell Therapy for Type III Spinal Muscular Atrophy: Case Report. American Journal of Bioscience and Bioengineering, 2015, 3, 30.	0.2	0
10690	Mouse Embryonic Fibroblasts Acquire Sarcomagenesis Potential after Differentiating into Insulin-Producing Cells. Journal of Stem Cell Research & Therapy, 2015, 05, .	0.3	0
10691	Role of the Kynurenine Pathway in Stem Cell Biology. , 2015, , 257-272.		0
10692	Stem Cell. , 2015, , 1-4.		0
10693	In Vitro Differentiation of Human Bone Marrow Stem Cells into Retinal Pigment Epithelium. American Journal of Bioscience and Bioengineering, 2015, 3, 51.	0.2	0
10694	Fibrocytes and Pulmonary Vascular Remodeling: The Good, the Bad, and the Progenitors. Pancreatic Islet Biology, 2015, , 257-276.	0.1	0
10695	Stem Cell Transplantation for Crohnâ€™s Disease. Translational Medicine Research, 2015, , 435-454.	0.0	0
10696	Plastic Surgery Update on the Biology of Fat Cells and Adipose-Derived Stem Cells for Fat Grafting. Open Access Library Journal (oalib), 2015, 02, 1-26.	0.1	0
10697	Adipose Tissue and Progenitor Cells for Cartilage Formation. , 2015, , 1845-1855.		0
10698	Next-Generation Cartilage Solutions. , 2015, , 1877-1893.		0
10700	Application of stem cell based "Cell Sheet Engineering" for periodontal regeneration. Journal of Japanese Society of Periodontology, 2015, 57, 53-60.	0.1	0
10701	Fetal and Perinatal Stem Cells in Regenerative Medicine. , 2015, , 23-45.		0
10702	Is stamceltherapie voor orthopedische aandoeningen bij de hond reeds inzetbaar?. Vlaams Diergeneeskundig Tijdschrift, 2015, 84, .	0.1	0
10703	Modes dâ€™actions paracrine des Cellules Stromales MÃ©senchymateuses. Bulletin De L'Academie Nationale De Medecine, 2015, 199, 501-514.	0.0	0
10704	Therapeutic Effects of CD133+ in the Carbon Tetrachloride (CCl4) Induced Chronic Liver Dysfunction in Rat Model. International Journal of Pharmacology, 2015, 11, 359-365.	0.1	0

#	ARTICLE	IF	CITATIONS
10706	In vitro testing of immunosuppressive effects of mesenchymal stromal cells on lymphocytes stimulated with alloantigens. Biomedical Papers of the Medical Faculty of the University Palacký́, Olomouc, Czechoslovakia, 2015, 159, 215-219.	0.2	2
10707	Monitoring of transplanted human Mesenchymal Stem Cells from Whartonâ€™s Jelly in xenogeneic systems in vivo. Biopolymers and Cell, 2015, 31, 193-199.	0.1	4
10708	CELL-BASED THERAPIES FOR AUTOIMMUNE DISEASES. , 2015, , 61-75.		0
10710	Tumoricidal Property of Normoxia and Hypoxia Cell-Free Lysate of Whartonâ€™s Jelly-Mesenchymal Stem Cells Toward Various Cancer Cells. International Journal of Cancer Research, 2015, 11, 186-196.	0.2	0
10711	Stem Cell-Based Neuroprotective Strategies in Stroke. , 2015, , 371-408.		0
10712	ROLE OF ADIPOSE DERIVED MESENCHYMAL STEM CELLS IN IMPROVING STREPTOZOTOCIN-INDUCED DIABETES MELLITUS IN RATS. Al Azhar Medical Journal = Majallat Al-Tibb Al-Azhar, 2015, 44, 279-293.	0.0	0
10713	Promises and Challenges of Adult Stem Cells in Cancer Therapy. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2015, 15, 138-144.	0.5	0
10716	Comparaci3n de la viabilidad y crecimiento en cultivo de c3lulas madre adultas obtenidas de tejido adiposo pre y post congelamiento. Nova, 2015, 13, 27.	0.2	0
10717	Comparative characteristics cultural properties of adherent cells derived from bone marrow of multiorgan donors and tissues donors. I P Pavlov Russian Medical Biological Herald, 2015, 23, 7.	0.2	0
10718	Mesenchymal Stem Cell as a Vector for Gene and Cell therapy Strategies. Studies on Stem Cells Research and Therapy, 2015, 1, 017-018.	0.0	4
10719	Expression of Mesenchymal Stem Cell Phenotype in Human Nasal Respiratory Epithelial Cells. International Journal of Morphology, 2015, 33, 1476-1482.	0.1	2
10720	Cell Therapy for Cardiac Regeneration. , 2016, , 265-283.		0
10721	Signature of Respondersâ€™Lessons from Clinical Samples. , 2016, , 445-460.		0
10722	Stem Cell. , 2016, , 1822-1826.		0
10723	Musculoskeletal Stem Cells. , 2016, , 315-343.		0
10724	In vitro Osteoinduction Potential of a novel Silica Coated Hydroxyapatite Bioscaffold Seeded with Rabbit Mesenchymal Stem Cell. Journal of Stem Cell Research & Therapeutics, 2016, 1, .	0.1	2
10725	Urogenital Tract. , 2016, , 247-288.		0
10726	Induced Pluripotent Stem Cells Derived from Dental Stem Cells: A New Tool for Cellular Therapy. Pancreatic Islet Biology, 2016, , 125-141.	0.1	0

#	ARTICLE	IF	CITATIONS
10727	Stem Cell Therapy for Neonatal Lung Diseases. , 2016, , 319-357.		0
10728	Mesenchymal Stem Cells as a Potential Source of Hepatocyte like Cells. Journal of Bone Marrow Research, 2016, 04, .	0.2	0
10729	Stem Cells for Amyotrophic Lateral Sclerosis. , 2016, , 227-258.		0
10730	Mesenchymal Stem Cells for Treatment of Peripheral Vascular Disease. , 2016, , 43-70.		0
10731	Marrow-Derived Mesenchymal Stromal Cells in the Treatment of Stroke. , 2016, , 317-334.		1
10732	Sera of Overweight Patients Alter Adipogenesis and Osteogenesis of Bone Marrow Mesenchymal Stromal Cells, a Phenomenon that also Persists in Weight Loss Individuals. Journal of Stem Cell Research & Therapy, 2016, 6, .	0.3	1
10733	Grundlagen der Transplantation. , 2016, , 15-34.		0
10734	Stem/Progenitor Cells in the Human Endometrium. , 2016, , 139-155.		0
10735	Dental Stem Cells for Bone Regeneration. Pancreatic Islet Biology, 2016, , 203-230.	0.1	1
10736	Adjunctive Measures and New Therapies to Optimize Early Return of Urinary Continence. , 2016, , 115-128.		0
10737	Low O2 Concentrations and the Maintenance of Stem Cells Ex Vivo. , 2016, , 39-71.		0
10738	Mesenchymal Stem Cells: A New Old Tool to Improve Hematopoietic Stem Cell Transplant Outcome. Cell Biology: Research & Therapy, 0, s1, .	0.2	0
10739	Immunogenicity and Immunomodulation of Fetal Stem Cells. Pancreatic Islet Biology, 2016, , 57-79.	0.1	0
10741	Basic Research and Clinical Application of Induced Pluripotent Stem Cells. Journal of the Nihon University Medical Association, 2016, 75, 61-66.	0.0	1
10742	Supermacroporous Cryogels as Scaffolds for Pancreatic Islet Transplantation. , 2016, , 281-308.		0
10743	Stem Cell Therapy in Liver Cirrhosis. International Journal of Stem Cell Research and Transplantation, 0, , 153-157.	0.0	0
10745	Mesenchymal Stromal Cells in Cardiovascular Disease. International Journal of Stem Cell Research and Therapy, 2016, 3, .	1.0	0
10746	Membrana amniônica: fonte alternativa de células-tronco mesenquimais em diversas espécies animais. Pesquisa Veterinária Brasileira, 2016, 36, 520-525.	0.5	1

#	ARTICLE	IF	CITATIONS
10748	Identification of compounds from non-polar fractions of <i>Blechnum</i> spp and a multitarget approach involving enzymatic modulation and oxidative stress. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 69, 89-98.	1.2	3
10749	Stem Cell Therapy for Autoimmune Disease. <i>Pancreatic Islet Biology</i> , 2017, , 225-248.	0.1	0
10750	Human Umbilical Cord-Derived Mesenchymal Stem Cells Spontaneously Form 3D Aggregates and Differentiate in an Embryoid Body-Like Manner. <i>Journal of Stem Cell Research & Therapeutics</i> , 2016, 1, .	0.1	0
10751	Stem Cell Therapies in Neurological Disorders. <i>Pancreatic Islet Biology</i> , 2017, , 31-59.	0.1	0
10752	Cell Therapy in Hip Surgery. , 2017, , 949-956.		0
10753	Clinical Studies of Bone Marrow-Derived Stem Cell Therapy in Stroke Patients. , 2017, , 241-259.		1
10754	Mobilization and Homing of Bone Marrow Stem Cells After Stroke. , 2017, , 55-79.		0
10755	9. Cell Sources for Orthopedic Defects. , 2016, , 147-164.		0
10756	Mesenchymal Stromal Cell Recruitment by Gastrointestinal Carcinomas. , 2017, , 215-226.		0
10757	Growth Inhibition of Mesenchymal Stem Cells by Laminarin: Impact on Chondrocyte Differentiation. <i>Anatomy & Physiology: Current Research</i> , 2017, 07, .	0.1	1
10758	Mesenchymal Stem/Stromal Cell Recruitment by Central Nervous System Tumors. , 2017, , 227-251.		0
10759	Dental Tissue Engineering Research and Translational Approaches towards Clinical Application. , 2017, , 186-220.		0
10760	Ex Vivo Organ Repair (Drug and Gene Delivery). , 2017, , 235-259.		0
10762	All Aboard. , 2017, , 475-499.		1
10763	Clinical Orthobiologic Approach to Failure or Delay in Bone Healing. , 2017, , 449-459.		0
10764	Use of Regenerative Tissue for Urinary Diversion. , 2017, , 81-99.		0
10765	Diffuse Low-Grade Glioma Associated Stem Cells. , 2017, , 151-172.		1
10766	Uterine Stem Cells and Their Future Therapeutic Potential in Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2017, , 153-174.	0.1	0

#	ARTICLE	IF	CITATIONS
10767	Mesenchymal Stem Cell Transplantation for Kidney Diseases. <i>Stem Cells in Clinical Applications</i> , 2017, , 169-191.	0.4	0
10768	Mesenchymal Stem/Stromal Cells and the Tumor Immune System. , 2017, , 425-447.		0
10769	Stem Cells and Low-Level Laser Therapy (LLLT): State of the Art and Future Application. <i>Pancreatic Islet Biology</i> , 2017, , 163-178.	0.1	0
10770	MSC Populations for Cartilage Regeneration. , 2017, , 35-57.		2
10772	Differentiation potential of human adipose tissue derived stem cells into photoreceptors through explants culture and enzyme methods. <i>International Journal of Ophthalmology</i> , 2017, 10, 23-29.	0.5	2
10773	Examining the Effectiveness of Stem Cell and Platelet-Rich Plasma Therapies for Treating Osteoarthritis in Dogs. <i>Animal Husbandry Dairy and Veterinary Science</i> , 2017, 1, .	0.2	0
10774	Mesenchymal Stromal Cells to Improve Solid Organ Transplant Outcome. , 2017, , 319-331.		0
10775	Therapeutic Potential of Mesenchymal Stem Cells and miRNAs in Diabetes. <i>Stem Cells in Clinical Applications</i> , 2017, , 107-123.	0.4	0
10776	Regenerative Rehabilitation. , 2017, , 1-20.		0
10777	Clinical Applications of Stem Cell Transplant in Treating Non-Hematologic Conditions. <i>Pancreatic Islet Biology</i> , 2017, , 51-69.	0.1	0
10778	Amazing MSC “phenomenology, problems, solutions and opportunities. <i>Biopolymers and Cell</i> , 2017, 33, 64-76.	0.1	1
10781	Acquisition and Expansion of Adult Rat Bone Marrow Multipotent Mesenchymal Stromal Cells. <i>Folia Veterinaria</i> , 2017, 61, 15-22.	0.2	0
10782	Cellular neuroprotection as a modern treatment approach for optic neuropathy. <i>Vestnik Transplantologii i Iskusstvennykh Organov</i> , 2017, 19, 63-73.	0.1	0
10783	Gingiva as a source of stromal cells with high differentiating and reparative potential. <i>Genes and Cells</i> , 2017, 12, 37-51.	0.2	2
10784	Mesenchymal Stem Cells: Innovative Therapeutic Intervention for Autoimmune Rheumatic Diseases. <i>Hematology & Transfusion International Journal</i> , 2017, 5, .	0.1	0
10786	Application of mesenchymal stem cells in paediatrics. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2017, 30, 123-128.	0.1	0
10787	Cell Technologies. , 2018, , 53-86.		0
10788	The effects of multipotent mesenchymal stromal cells on mouse brain slices at their co-culture in an in vitro model of periventricular leukomalacia. <i>Fiziolohichnyi Zhurnal (Kiev, Ukraine: 1994)</i> , 2017, 63, 3-12.	0.1	0

#	ARTICLE	IF	CITATIONS
10789	Measurement of 3D Deformation Field of ECM Generated by Mesenchymal Stem Cell Using DVC Method. Conference Proceedings of the Society for Experimental Mechanics, 2018, , 9-14.	0.3	0
10790	Osteogenic differentiation of adipose tissue-derived mesenchymal stem cells cultured with different concentrations of prolactin. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2017, 69, 1573-1580.	0.1	1
10791	Extracellular Matrix Molecule-Based Capture of Mesenchymal Stromal Cells Under Flow. Methods in Molecular Biology, 2018, 1722, 249-260.	0.4	0
10792	2017 Yearbook of Neurorestoratology. Journal of Neurorestoratology, 2018, 1, 90-96.	1.1	5
10793	Endometrial stem cells: the clinical application (a review). Russian Journal of Human Reproduction, 2018, 24, 63.	0.1	0
10794	Neurorestorative effect of olfactory ensheathing cells and Schwann cells by intranasal delivery for patients with ischemic stroke: design of a multicenter randomized double-blinded placebo-controlled clinical study. Journal of Neurorestoratology, 2018, 6, 74-80.	1.1	10
10795	Origins of Adult Adipose Progenitors. , 2018, , .		0
10796	Functional Approaches to Oral-Maxillo-facial Restoration. Dentistry (Sunnyvale, Calif), 2018, 08, .	0.1	0
10797	Supportive Methoden zur Knochenheilung. , 2018, , 33-69.		0
10798	Stem Cells and Myocardial Repair. , 2018, , 91-91.		0
10799	Cells for Cartilage Regeneration. , 2018, , 1-67.		0
10802	Laboratory Training Guidelines for Clinicians Undertaking Stem Cell Therapy. Journal of Stem Cell Research & Therapy, 2018, 08, .	0.3	3
10803	Cobblestone Area-forming Cell Assay of Mouse Bone Marrow Hematopoietic Stem Cells. Bio-protocol, 2018, 8, e2824.	0.2	2
10804	COMPARATIVE STUDY OF HIV-POSITIVE HUMAN SERA WITH THIRD- AND FOURTH-GENERATION ENZYME IMMUNOASSAY TEST SYSTEMS. Biotechnologia Acta, 2018, 11, 70-75.	0.3	0
10805	Qualidade dos produtos de terapias avançadas: requisitos de células extensamente manipuladas usadas em terapias celulares e em bioengenharia. Vigilância Sanitária Em Debate: Sociedade, Ciência & Tecnologia, 2018, 6, 84.	0.3	0
10806	Tecnologias celulares avançadas: desafios biotecnológicos e regulatórios. Vigilância Sanitária Em Debate: Sociedade, Ciência & Tecnologia, 2018, 6, 1.	0.3	0
10807	Briefly about Mesenchymal Stem Cells - One of the Main Players in Bone Tissue Engineering. Advances in Cytology & Pathology, 2018, 3, .	0.0	0
10808	ISOLATION OF MULTIPOTENT MESENCHYMAL STROMAL CELLS FROM MINIMAL HUMAN ENDOMETRIUM BIOPSY. Biotechnologia Acta, 2018, 11, 76-81.	0.3	1

#	ARTICLE	IF	CITATIONS
10809	In Vitro Formation of 3D-Spheroids by Human Endometrial Multipotent Mesenchymal Stromal Cells. Problems of Cryobiology and Cryomedicine, 2018, 28, 084-088.	0.3	0
10810	Isolation and Large Scale Expansion of Human Endothelial Progenitor Cells from Peripheral Blood. Problems of Cryobiology and Cryomedicine, 2018, 28, 029-033.	0.3	2
10811	Isolation, Characterization and Osteogenic differentiation potential of periodontal ligament stem cells (in vitro study). Egyptian Dental Journal, 2018, 64, 1245-1254.	0.1	0
10812	Fibroblast growth factor-6 enhances CDK2 and MAKT expression in microvesicles derived from human stem cells extracted from exfoliated deciduous teeth. F1000Research, 2018, 7, 622.	0.8	3
10813	Phenotypic and cytogenetic characterization of expanded adipose derived stem cells. Science and Technology Development Journal, 2018, 21, 32-47.	0.0	0
10814	Characterisation and <i>In Vivo</i> Safety of Canine Adipose-Derived Stem Cells. Proceedings of the Latvian Academy of Sciences, 2018, 72, 160-171.	0.0	1
10815	Regenerative therapy for the nonhealing cutaneous wounds. Biopolymers and Cell, 2018, 34, 171-195.	0.1	0
10817	Tumor necrosis factor- α -activated mesenchymal stem cells accelerate wound healing through vascular endothelial growth factor regulation in rats. Universa Medicina, 2018, 37, 135-142.	0.1	4
10819	New Modalities in Knee Osteoarthritis Treatment Using Autologous Bone Marrow-Derived Mononuclear Cells. Proceedings of the Latvian Academy of Sciences, 2018, 72, 207-215.	0.0	1
10821	New Modalities in Knee Osteoarthritis Treatment Using Autologous Bone Marrow-Derived Mononuclear Cells. Proceedings of the Latvian Academy of Sciences, 2018, 72, 207-215.	0.0	0
10822	Study the Role of Human Umbilical Mesenchymal Stem Cells in Experimental Model of Spinal Cord Injury. International Journal of Scientific and Engineering Research, 2018, 9, 1479-1484.	0.1	0
10823	Modeling of the mesenchymal stem cell microenvironment as a prospective approach to tissue bioengineering and regenerative medicine (a short review). Bulletin of Siberian Medicine, 2018, 17, 217-228.	0.1	3
10825	The Potential of Basal Medium Astemporary Prolong Culture of Umbilical Cord Derived Mesenchymalstem Cells. Biomedical and Pharmacology Journal, 2018, 11, 1851-1855.	0.2	0
10826	Comparative analysis of therapeutic efficacy of stromal cells derived from different sources. Patologicheskaia Fiziologĳia I Eksperimental'naia Terapiia, 2018, , 104-110.	0.1	0
10827	Stem cell-based interventions for the prevention and treatment of germinal matrix-intraventricular haemorrhage in preterm infants. The Cochrane Library, 0, , .	1.5	1
10828	High VEGF Level is Produced by Human Umbilical Cord- Mesenchymal Stem Cells (hUC-MSCs) in Amino Acid-Rich Medium and under Hypoxia Condition. Indonesian Biomedical Journal, 2018, 10, 222-30.	0.2	0
10830	Analysis of ALDH1A1 and ALDH1A3 Gene mRNA Expressions in Adipose-Derived Stem Cells (ASCs) and Umbilical Cord Stem Cells (UCSCs). Indonesian Biomedical Journal, 2018, 10, 290-6.	0.2	0
10831	ABILITY OF THYMIC MSCs AND THEIR DERIVATIVES TO INTERACT WITH THE CELLS OF LYMPHOID ORIGIN. Biotechnologia Acta, 2018, 11, 67-72.	0.3	0

#	ARTICLE	IF	CITATIONS
10832	Postarthroscopic osteonecrosis of femoral and tibial condyles. N N Priorov Journal of Traumatology and Orthopedics, 2018, 25, 113-118.	0.1	0
10833	Hambatan Mesenchymal Stem Cell Terhadap Proliferasi Limfosit T. Jurnal Biosains Pascasarjana, 2019, 20, 212.	0.2	0
10834	Pediatric Diabetes: Review Article. Indian Journal of Public Health Research and Development, 2019, 10, 2641.	0.1	0
10835	Dental Stem Cells in Regenerative Medicine: Emerging Trends and Prospects in the Era of Bioinformatics. , 2019, , 119-150.		0
10836	Extracellular Vesicles Derived from Mesenchymal Stem/Stromal Cells: Current Approaches to Enhance Their Release and Therapeutic Potential. , 2019, , 101-111.		0
10837	Comparison of the Regenerative Potential for Lung Tissue of Mesenchymal Stromal Cells from Different Sources/Locations Within the Body. , 2019, , 35-55.		0
10838	Clinical Application of Stem/Stromal Cells in COPD. , 2019, , 97-118.		0
10840	Nanotechnology-Based Stem Cell Tissue Engineering with a Focus on Regeneration of Cardiovascular Systems. , 2019, , 1-67.		1
10841	State of the art of stem cell therapy for ischaemic cardiomyopathy. Part 2. Angiologia I Sosudistaia Khirurgiia = Angiology and Vascular Surgery, 2019, 25, 7.	0.0	0
10842	Isolation of Multipotent Mesenchymal Stem Cells from Human Extraocular Muscle Tissue. Bio-protocol, 2019, 9, e3167.	0.2	1
10843	Mesenchymal Stem (Stromal) Cell Communications in Their Niche and Beyond: The Role of Extra Cellular Vesicles and Organelle Transfer in Lung Regeneration. , 2019, , 229-229.		0
10844	Clinical Use of Mesenchymal Stem Cells in Bone Regeneration. The Journal of the Korean Orthopaedic Association, 2019, 54, 490.	0.0	0
10845	Minimum criteria for adipose derived stem cells. Clinical and Medical Reports, 2019, 2, .	0.0	0
10846	Fundamentals of Fat Transplantation. , 2019, , 11-32.		0
10848	Mesenchymal Stem Cells as Regulators of Bone, Muscle, and Fat Formation. , 2019, , 29-44.		1
10849	Degenerative Retinal Diseases: Cell Sources for Cell-Based Therapy. Pancreatic Islet Biology, 2019, , 53-80.	0.1	0
10850	Clinical Application of Stem/Stromal Cells in Cystic Fibrosis. , 2019, , 179-198.		0
10851	Stem/Progenitor Cell Populations Resident in the Lung and the Role of Stromal Support in Their Maintenance and Differentiation. , 2019, , 15-34.		0

#	ARTICLE	IF	CITATIONS
10852	Regenerative Therapy for Liver Cirrhosis. , 2019, , 203-215.		0
10856	EXPRESSION OF ESTROGEN AND PROGESTERONE RECEPTORS BY HUMAN ENDOMETRIAL MULTIPOTENT MESENCHYMAL STROMAL/STEM CELLS <i>in vitro</i> UNDER HYPOXIA CONDITIONS. <i>Biotechnologia Acta</i> , 2019, 12, 81-85.	0.3	0
10858	Effects of Cell Seeding Methods on Chondrogenic Differentiation of Rat Mesenchymal Stem Cells in Polyhydroxybutyrate/Chitosan Scaffolds. <i>Folia Veterinaria</i> , 2019, 63, 6-16.	0.2	0
10859	Multipotent mesenchymal stem cells in renal transplantation. <i>Transplantologia</i> , 2019, 11, 21-36.	0.1	0
10860	Expression Level of Caspase-3 Gene in Colorectal Cancer Induced by Dimethylhydrazine and Potential Therapeutic Role Of Mesenchymal Stem Cells and Curcumin.. <i>Egyptian Academic Journal of Biological Sciences C Physiology and Molecular Biology</i> , 2019, 11, 123-132.	0.0	0
10861	Influence of Aging on the Quantity and Quality of Human Cardiac Stem Cells. <i>Yamaguchi Medical Journal</i> , 2019, 68, 13-22.	0.1	0
10862	INFLUENCE OF GROWTH FACTORS ON CRYOPRESERVED MESENCHYMAL STROMAL CELLS. <i>Fiziologichnyi Zhurnal (Kiev, Ukraine: 1994)</i> , 2019, 65, 12-21.	0.1	2
10865	The comparative study of chondrogenic differentiation of mesenchymal stromal cells allocated from different sources. <i>Vestnik Transplantologii I Iskusstvennykh Organov</i> , 2019, 21, 101-112.	0.1	0
10866	TREATMENT OUTCOMES OF THE ALVEOLAR RIDGE REGRESSIVE TRANSFORMATION USING AUTOLOGOUS ADIPOSE-TISSUE DERIVED STROMAL VASCULAR FRACTION. <i>Kuban Scientific Medical Bulletin</i> , 2019, 26, 71-84.	0.1	0
10867	Cancer stem cells and mesenchymal stem cells in pancreatic ductal adenocarcinoma. <i>Patologiya</i> , 2019, .	0.1	0
10869	II. Bone Marrow-derived Mesenchymal Stem Cells. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2019, 108, 1369-1374.	0.0	0
10870	Outcome of safety and efficacy of allogeneic mesenchymal stromal cell derived from umbilical cord for the treatment of osteoarthritis in a randomized blinded placebo-controlled trial. <i>Annals of Translational Medicine</i> , 2019, 7, S154-S154.	0.7	0
10872	Osteoinductive Properties of PLGA/HA/β2-TCP Composite Polymer Scaffolds. , 0, , .		0
10875	Influence of the dose of human umbilical cord mesenchymal stem cells on acute inflammation on the peritonitis model in mice. <i>Faktori Eksperimentalnoi Evolucii Organizmiv</i> , 0, 25, 304-309.	0.0	0
10876	Characterization of Human Dental Pulp Cells from Supernumerary Teeth by Using Flow Cytometry Analysis. <i>The Journal of the Korean Academy of Pediatric Dentistry</i> , 2019, 46, 337-342.	0.1	0
10878	Isolation and characterization of deer-derived mesenchymal stem cells. <i>Journal of Preventive Veterinary Medicine</i> , 2019, 43, 115-122.	0.1	0
10880	Isolation and Characterization of Muscle-Derived Stem Cells from Dystrophic Mouse Models. <i>Methods in Molecular Biology</i> , 2020, 2063, 171-180.	0.4	0
10881	From mesenchymal stem cells and stromal cells - from bench to bedside. <i>Trillium Extracellular Vesicles</i> , 2019, 1, 36-39.	0.1	0

#	ARTICLE	IF	CITATIONS
10882	Characterization of mesenchymal heart cells obtained from patients with tetralogy of Fallot and ventricular septal defect. <i>Translational Medicine</i> , 2019, 6, 16-23.	0.1	0
10887	CHANGES IN STROMAL PROGENITOR CELLS DERIVED FROM BONE MARROW IN PATIENTS WITH CHRONIC MYELOGENOUS LEUKAEMIA AT THE ONSET OF THE DISEASE AND DURING TREATMENT. <i>Gematologiya i Transfuziologiya</i> , 2019, 64, 424-435.	0.1	1
10888	The effects of mesenchymal stem cells on the IDO, HLA-G and PD-L1 expression of breast tumor cells MDA-MB-231 and MCF-7. <i>Archives of Clinical and Experimental Medicine</i> , 2019, 4, 132-137.	0.1	2
10889	<i>Stem Cell Therapy.</i> , 2020, , 1-31.		1
10890	Overview of methods of isolation, cultivation and genetic profiling on human umbilical cord stem cells. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 170-174.	0.2	1
10891	Comparison of the effectiveness of available sources of autologous colony-forming endothelial cells. <i>Genes and Cells</i> , 2019, 14, 35-45.	0.2	0
10892	<i>Stem Cells and Cartilage Regeneration.</i> , 2020, , 746-756.		0
10893	Current Concepts in the Articular Cartilage Repair. <i>Journal of the Korean Fracture Society</i> , 2020, 33, 164.	0.1	0
10894	<i>Stem Cell Therapy in Orthopedics.</i> , 2020, , 565-572.		0
10895	<i>Mesenchymal Stem Cell Isolation, Culture, Characterization and Cryopreservation.</i> , 2020, , 27-46.		1
10896	<i>Equine Mesenchymal Stem Cell Basic Research and Potential Applications.</i> , 2020, , 283-331.		0
10897	Epigenetic control of differentiation of mesenchymal stem cells. Stem cells differentiation in liver. <i>Vestsi Natsyianal' nai Akademii Navuk Belarusi Seryia Biialahichnykh Navuk</i> , 2020, 65, 106-118.	0.2	0
10900	In vitro differentiation of rhesus macaque bone marrow and adipose tissue derived MSCs into hepatocyte-like cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 251-260.	0.8	5
10903	THERAPEUTIC EFFECTS OF MESENCHYMAL STEM CELL AND CONDITIONED MEDIUM ON OVARIAN DAMAGE. <i>Sleyman Demirel Üniversitesi Fakültesi Dergisi</i> , 2021, 28, 179-185.	0.0	1
10906	Direct differentiation of cord blood derived mesenchymal stem cells into keratinocytes without feeder layers and cAMP inducers. <i>Pakistan Journal of Medical Sciences</i> , 2020, 36, 946-951.	0.3	2
10907	Ozone therapy with local cellular immune modulation and disc progenitor cell implant is safe, effective and efficient. <i>Open Journal of Orthopedics and Rheumatology</i> , 2020, 5, 024-033.	0.1	1
10909	Conditioned medium from the human umbilical cord-mesenchymal stem cells stimulate the proliferation of human keratinocytes. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, 32, 51-56.	0.7	6
10910	Obtaining Stem Cell Spheroids from Foreskin Tissue and the Effect of <i>Corchorus olitorius</i> L. on Spheroid Proliferation. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020, 17, 265-270.	0.6	2

#	ARTICLE	IF	CITATIONS
10911	Capacidad ³ⁿ osteog ³ⁿ nica in vitro de c ³ⁿ lulas madre mesenquimales de m ³ⁿ dula ³ⁿ sea para su aplicaci ³ⁿ en resecciones segmentarias de hueso. Revista Espa [±] ola De Cirug ^{3a} Ortop ^{3dica} Y Traumatolog ^{3a} , 2020, 64, 236-243.	0.1	0
10912	Analysis of Expansion Mesenchymal Stromal Cells in patients with low risk myelodysplastic syndrome. Journal of Bone Marrow Transplantation and Cellular Therapy, 2020, 1, 8-14.	0.1	0
10915	Mesenchymal Stem Cells Derived from Human Inflamed Dental Pulp Exhibit Impaired Immunomodulatory Capacity In ³ⁿ vitro. Journal of Endodontics, 2020, 46, 1091-1098.e2.	1.4	9
10916	Effect of Intra-Articular Injection of Chondrocytes Differentiated from Mesenchymal Stem Cells in Monosodium iodoacetate Induced Osteoarthritis in Male Rats. Bulletin of Egyptian Society for Physiological Sciences, 2020, .	0.0	0
10917	Date palm fruit (var. Ajwa) promotes proliferation of human bone marrow mesenchymal stem cells: potential natural booster for endogenous stem cells growth. Fruits, 2020, 75, 161-169.	0.3	0
10919	Off-the-shelf mesenchymal stem cells from human umbilical cord tissue can significantly improve symptoms in COVID-19 patients: An analysis of evidential relations. World Journal of Stem Cells, 2020, 12, 721-730.	1.3	3
10920	THE EXPRESSION OF NESTIN IN THE INDUCED DIFFERENTIATION INTO NEURONS OF RAT BONE MARROW MESENCHYMAL STEM CELLS BY NEUROTROPHIN-3 (NT-3). International Journal of Applied Pharmaceutics, 0, , 44-49.	0.3	1
10921	Expansion and Chondrogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stromal Cells. Methods in Molecular Biology, 2021, 2221, 15-28.	0.4	5
10922	Stem Cells: Prospects and Potential Applications in Tanzania: A review. Tanzania Journal of Health Research, 2020, 21, 1-8.	0.1	1
10923	Clinically relevant preservation conditions for mesenchymal stem/stromal cells derived from perinatal and adult tissue sources. Journal of Cellular and Molecular Medicine, 2021, 25, 10747-10760.	1.6	8
10924	Where Do We Stand in Stem Cell Therapy for the Management of Diabetes Mellitus?â€”A Scientometric Research Trend Analysis from 1990 to 2020. Bioengineering, 2021, 8, 159.	1.6	3
10925	Neuroinflammation in Primary Cultures of the Rat Spinal Dorsal Horn Is Attenuated in the Presence of Adipose Tissueâ€”Derived Medicinal Signalling Cells (AdMSCs) in a Co-cultivation Model. Molecular Neurobiology, 2022, 59, 475-494.	1.9	4
10926	The Cellular Composition of the Uveal Immune Environment. Frontiers in Medicine, 2021, 8, 721953.	1.2	8
10927	SARS-CoV-2 Exposed Mesenchymal Stromal Cell from Congenital Pulmonary Airway Malformations: Transcriptomic Analysis and the Expression of Immunomodulatory Genes. International Journal of Molecular Sciences, 2021, 22, 11814.	1.8	2
10928	Insights of Extracellular Vesicles of Mesenchymal Stem Cells: a Prospective Cell-Free Regenerative Medicine for Neurodegenerative Disorders. Molecular Neurobiology, 2022, 59, 459-474.	1.9	23
10929	Quality control methods in musculoskeletal tissue engineering: from imaging to biosensors. Bone Research, 2021, 9, 46.	5.4	10
10930	Hydroxyapatiteâ€”hybridized doubleâ€”network hydrogel surface enhances differentiation of bone marrowâ€”derived mesenchymal stem cells to osteogenic cells. Journal of Biomedical Materials Research - Part A, 2022, 110, 747-760.	2.1	3
10931	Mesenchymal Stem Cell-Based Therapy for Rheumatoid Arthritis. International Journal of Molecular Sciences, 2021, 22, 11592.	1.8	36

#	ARTICLE	IF	CITATIONS
10932	Morphological landscapes from high content imaging reveal cytokine priming strategies that enhance mesenchymal stromal cell immunosuppression. <i>Biotechnology and Bioengineering</i> , 2022, 119, 361-375.	1.7	11
10933	Mesenchymal Stromal Cell Secretome for the Treatment of Immune-Mediated Inflammatory Diseases: Latest Trends in Isolation, Content Optimization and Delivery Avenues. <i>Pharmaceutics</i> , 2021, 13, 1802.	2.0	30
10934	The Initial Cardiac Tissue Response to Cryopreserved Allogeneic Adipose Tissue-Derived Mesenchymal Stromal Cells in Rats with Chronic Ischemic Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11758.	1.8	5
10935	VAP-PLGA microspheres (VAP-PLGA) promote adipose-derived stem cells (ADSCs)-induced wound healing in chronic skin ulcers in mice via PI3K/Akt/HIF-1 α pathway. <i>Bioengineered</i> , 2021, 12, 10264-10284.	1.4	16
10936	Phenotypic and Functional Responses of Human Decidua Basalis Mesenchymal Stem/Stromal Cells to Lipopolysaccharide of Gram-Negative Bacteria. <i>Stem Cells and Cloning: Advances and Applications</i> , 2021, Volume 14, 51-69.	2.3	2
10937	Development and Investigational New Drug Application of Mesenchymal Stem/Stromal Cells Products in China. <i>Stem Cells Translational Medicine</i> , 2021, 10, S18-S30.	1.6	13
10938	Canine Mesenchymal Stromal Cell-Mediated Bone Regeneration is Enhanced in the Presence of Sub-Therapeutic Concentrations of BMP-2 in a Murine Calvarial Defect Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 764703.	2.0	0
10939	Differential immunomodulation of human mesenchymal stromal cells from various sources in an inflammation mimetic milieu. <i>Cytotherapy</i> , 2022, 24, 110-123.	0.3	3
10940	Evaluation of PEGylated fibrin as a three-dimensional biodegradable scaffold for ovarian tissue engineering. <i>Materials Today Chemistry</i> , 2021, 22, 100626.	1.7	9
10941	Mesenchymal Stem Cell Transplantation for COVID-19. , 2020, 01, .		0
10942	Stem and Progenitor Cells in Synovium. , 2020, , 96-108.		0
10943	Mesenchymal Stem Cells. <i>Learning Materials in Biosciences</i> , 2020, , 21-39.	0.2	4
10944	Homing of adipose stem cells on the human amniotic membrane as a scaffold: A histological study. <i>International Journal of Reproductive BioMedicine</i> , 2019, 18, 21-32.	0.5	1
10945	Therapies for osteoarthritis today and tomorrow: Review. <i>Scripta Medica</i> , 2020, 51, 181-189.	0.0	0
10946	Flow Cytometry Analysis of dog Bone Marrow Stem Cell Surface Protein Expression. <i>Alexandria Journal of Veterinary Sciences</i> , 2020, 66, 62.	0.0	0
10947	The Role of Schwann Cells in Peripheral Nerve Function, Injury, and Repair. , 2020, , 1-22.		0
10948	Cells for Cartilage Regeneration. , 2020, , 33-99.		1
10949	Marrow-derived stromal cells for cardiac regeneration. , 2020, , 193-216.		0

#	ARTICLE	IF	CITATIONS
10950	Stem Cells: Umbilical Cord/Whartonâ€™s Jelly Derived. , 2020, , 237-264.		0
10951	Genetic updating and marks of cellular lines. Vestnik of Russian Military Medical Academy, 2020, 22, 168-175.	0.1	0
10952	qPCR analysis of mesenchymal stem cell marker expression during the long-term culture of canine adipocyte derived stem cells. Medical Journal of Cell Biology (discontinued), 2020, 8, 139-145.	0.2	0
10954	Polymodal Activation and Desensitization of TRPV1 Receptor in Human Odontoblasts-Like Cells with Eugenol. International Journal of Dentistry, 2020, 2020, 1-14.	0.5	1
10956	Mesenchymal stem cell as a novel approach to systemic sclerosis; current status and future perspectives. Cell Regeneration, 2020, 9, 20.	1.1	16
10957	^{99m} Tc-polyphosphonate labelling â€“ Enhancement of a novel method for the quantification of osteogenic differentiation of MSCs in vitro. Injury, 2022, 53, S34-S39.	0.7	5
10958	Differentiation of Human Deceased Donor, Adipose-Derived, Mesenchymal Stem Cells into Functional Beta Cells. Journal of Stem Cells and Regenerative Medicine, 2020, 16, 63-72.	2.2	3
10959	MSC-released TGF- β regulate α -SMA expression of myofibroblast during wound healing. Journal of Stem Cells and Regenerative Medicine, 2020, 16, 73-79.	2.2	19
10960	The influence of osteogenic differentiation on the stem-like properties of adipose derived stem cells â€“ an RT-qPCR study. Medical Journal of Cell Biology (discontinued), 2020, 8, 158-163.	0.2	0
10961	Influence of photobiomodulation and vitamin D on osteoblastic differentiation of human periodontal ligament stem cells and bone-like tissue formation through enzymatic activity and gene expression. Biomolecular Concepts, 2020, 11, 172-181.	1.0	12
10962	The effectiveness of autologous mesenchymal stem cells in the treatment of liver cirrhosis and the method of their visualization in the patientâ€™s body. Vestnik of Russian Military Medical Academy, 2020, 22, 35-40.	0.1	0
10963	Confirmation of differentiation clustersâ€™ and endoglin markers preset in porcine buccal mucosa cells. Medical Journal of Cell Biology (discontinued), 2020, 8, 118-123.	0.2	0
10964	Bisecting GlcNAc Protein <i>N</i> -Glycosylation Is Characteristic of Human Adipogenesis. Journal of Proteome Research, 2021, 20, 1313-1327.	1.8	5
10965	Pluripotent Stem Cell-Derived Mesenchymal Stem Cells Show Comparable Functionality to Their Autologous Origin. Cells, 2021, 10, 33.	1.8	8
10966	Enhanced Suppression of Immune Cells In Vitro by MSC Overexpressing FasL. International Journal of Molecular Sciences, 2021, 22, 348.	1.8	6
10967	Isolation and characterization of exosomes from adipose tissueâ€™derived mesenchymal stem cells. Journal of Anatomy, 2021, 238, 1203-1217.	0.9	16
10968	Mesenchymal Stem Cells for Regenerative Medicine for Duchenne Muscular Dystrophy. , 0, , .		4
10969	Induction of notochordal differentiation of bone marrow mesenchymalâ€™derived stem cells via the stimulation of notochordal cellâ€™rich nucleus pulposus tissue. Molecular Medicine Reports, 2020, 23, .	1.1	5

#	ARTICLE	IF	CITATIONS
10970	Identification of tumorigenic risk genes in human placenta-derived mesenchymal stem cells treated with 3-methylcholanthrene. <i>Biocell</i> , 2022, 46, 479-493.	0.4	1
10971	Human mesenchymal stromal cells maintain their stem cell traits after high-LET particle irradiation – Potential implications for particle radiotherapy and manned space missions. <i>Cancer Letters</i> , 2022, 524, 172-181.	3.2	2
10972	Integrative Studies of Human Cord Blood Derived Mononuclear Cells and Umbilical Cord Derived Mesenchyme Stem Cells in Ameliorating Bronchopulmonary Dysplasia. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
10973	Neural Crest Contributions to Mesenchymal Stem Cells. , 2020, , 62-68.		0
10974	Comparison of senescence progression in mesenchymal cells from human umbilical cord walls measured by immunofluorescence and flow cytometry of p16 and p21. <i>Einstein (Sao Paulo, Brazil)</i> , 2020, 18, eAO5236.	0.3	2
10975	Introduction to Stem Cells. , 2020, , 1-11.		0
10976	The spatiotemporal expression patterns of MSC-associated markers contribute to the identification of progenitor subpopulations in developing limbs. <i>International Journal of Developmental Biology</i> , 2020, 64, 499-506.	0.3	0
10977	Isolation of Bone Marrow and Adipose-Derived Mesenchymal Stromal Cells. <i>Learning Materials in Biosciences</i> , 2020, , 243-264.	0.2	0
10979	Mesenchymal stem cell and hematopoietic stem cell transplantation for vasculitis. <i>Vascular Investigation and Therapy</i> , 2020, 3, 88.	0.3	1
10980	Human-Derived Cells in Chondral or Osteochondral Repair. , 2020, , 391-410.		0
10981	Biological Therapies in Orthopedics and Sports Medicine. , 2020, , 227-253.		0
10982	Human Primary Bone Marrow Stromal Cells – Basic Biology and Isolation Strategies. , 2020, , 26-34.		0
10984	Enrichment and Characterization of Human and Murine Pulmonary Mesenchymal Progenitor Cells (MPC). <i>Methods in Molecular Biology</i> , 2020, 2155, 125-140.	0.4	2
10985	Quality Standards of Stem Cell Sources for Clinical Treatment of Neurodegenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1266, 9-19.	0.8	2
10986	Stem Cell-Secreted Factors in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1277, 115-126.	0.8	2
10987	Stem cells in end-to-side neurorrhaphy. Experimental study in rats. <i>Acta Cirurgica Brasileira</i> , 2020, 35, e351207.	0.3	2
10988	Dog Mesenchymal Stem Cell Basic Research and Potential Applications. , 2020, , 213-282.		1
10990	Biologics: Inherent Challenges. , 2020, , 1-18.		0

#	ARTICLE	IF	CITATIONS
10991	Introduction and Basic Concepts in Stem Cell Research and Therapy: The Facts and the Hype. Learning Materials in Biosciences, 2020, , 1-36.	0.2	0
10992	Adult Stem Cells: Mesenchymal Stromal Cells, Endothelial Progenitor Cells, and Pericytes. Learning Materials in Biosciences, 2020, , 109-149.	0.2	2
10993	Osteoblast Lineage Stem and Progenitor Cells. , 2020, , 383-396.		0
10994	Bone-Marrow-Derived Mesenchymal Stromal Cells: From Basic Biology to Applications in Bone Tissue Engineering and Bone Regeneration. , 2020, , 1-55.		0
10995	Mesenchymal Stem Cells for Cutaneous Wound Healing. Learning Materials in Biosciences, 2020, , 247-267.	0.2	3
10996	The Role of Schwann Cells in Peripheral Nerve Function, Injury, and Repair. , 2020, , 215-236.		0
10997	Sheep Mesenchymal Stem Cell Basic Research and Potential Applications. , 2020, , 99-152.		0
10998	Post-calving umbilical cord tissue offcut: A potential source for the isolation of bovine mesenchymal stem cells. Veterinary World, 2020, 13, 2772-2779.	0.7	5
11000	Tissue-engineered bone used in a rabbit model of lumbar intertransverse process fusion: A comparison of osteogenic capacity between two different stem cells. Experimental and Therapeutic Medicine, 2020, 19, 2570-2578.	0.8	1
11001	Capacidad multipotencial en células madre mesenquimales derivadas de la placenta humana en Panamá; [Multipotent capacity of human placenta-derived mesenchymal stem cells in Panama]. Revista Medica De Panama, 2020, 40, .	0.0	0
11003	Differentiation and Pro-Angiogenic Potential of Infantile Hemangioma Stem Cells. Chinese Journal of Plastic and Reconstructive Surgery, 2020, 2, 25-34.	0.1	0
11004	Bone Marrow-derived Mesenchymal Stem Cells and Chronic Allograft Disease in a Bronchiolitis Obliterans Animal Model. Archivos De Bronconeumologia, 2020, 56, 149-156.	0.4	1
11005	CELL CLASSES AND TYPES WHICH ARE ESSENTIAL DURING SKIN REGENERATION. Black Sea Scientific Journal of Academic Research, 2020, 52, 4-7.	0.0	0
11007	The impact of mesenchymal stem cells on host immunity and disease outcome in bacterial lung infection. Clinical Medicine, 2020, 20, s117-s118.	0.8	1
11009	Astrocytes in Pathogenesis of Multiple Sclerosis and Potential Translation into Clinic. , 0, , .		1
11010	Diabetic Retinopathy and Stem Cell Therapy. , 0, , .		0
11011	Formation of bone extracellular matrix in a rotational bioreactor: Preseeding of human mesenchymal stromal cells on a thin polymer scaffold. Journal of Cellular Biotechnology, 2021, , 1-17.	0.1	0
11012	A New Tool for Safety Evaluation and a Combination of Measures for Efficacy Assessment of Cotransplanting Human Allogenic Neuronal Stem Cells and Mesenchymal Stem Cells for the Treatment of Parkinson Disease: Protocol for an Interventional Study. JMIR Research Protocols, 2021, 10, e29695.	0.5	1

#	ARTICLE	IF	CITATIONS
11013	Sex Differences in Mesenchymal Stem Cell Therapy With Gelatin-Based Microribbon Hydrogels in a Murine Long Bone Critical-Size Defect Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 755964.	2.0	8
11014	Immunomodulatory effects of mesenchymal stem cell-conditioned media on lipopolysaccharide of <i>Vibrio cholerae</i> as a vaccine candidate. <i>Stem Cell Research and Therapy</i> , 2021, 12, 564.	2.4	3
11015	Joint Function and Dysfunction. , 2022, , 1-20.		0
11016	Dexamethasone priming enhances stemness and immunomodulatory property of tissue-specific human mesenchymal stem cells. <i>BMC Developmental Biology</i> , 2021, 21, 16.	2.1	10
11017	Comparative Analysis of Dental Pulp and Periodontal Stem Cells: Differences in Morphology, Functionality, Osteogenic Differentiation and Proteome. <i>Biomedicines</i> , 2021, 9, 1606.	1.4	15
11018	Autologous adipose-derived mesenchymal stem cells and hydroxyapatite for bone defect in rabbits. <i>Veterinari Medicina</i> , 2022, 67, 38-45.	0.2	0
11019	Dental Pulp Stem Cell-Derived Secretome and Its Regenerative Potential. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12018.	1.8	29
11020	Mesenchymal Stem Cells Influence Activation of Hepatic Stellate Cells, and Constitute a Promising Therapy for Liver Fibrosis. <i>Biomedicines</i> , 2021, 9, 1598.	1.4	18
11021	Stem Cell Therapy Enhances Motor Activity of Triceps Surae Muscle in Mice with Hereditary Peripheral Neuropathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12026.	1.8	1
11022	Cell therapy in congenital inherited hepatic disorders. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2021, 56-57, 101772.	1.0	1
11023	Cell Therapy of Stroke: Do the Intra-Arterially Transplanted Mesenchymal Stem Cells Cross the Bloodâ€“Brain Barrier?. <i>Cells</i> , 2021, 10, 2997.	1.8	14
11024	Single-cell RNA-seq of out-of-thaw mesenchymal stromal cells shows tissue-of-origin differences and inter-donor cell-cycle variations. <i>Stem Cell Research and Therapy</i> , 2021, 12, 565.	2.4	16
11025	The Clinical Trials of Mesenchymal Stromal Cells Therapy. <i>Stem Cells International</i> , 2021, 2021, 1-17.	1.2	15
11026	Potential of Human Neural Precursor Cells in Diabetic Retinopathy Therapeutics â€“ Preclinical Model. <i>Current Eye Research</i> , 2022, 47, 450-460.	0.7	0
11027	Bioprinting Scaffolds for Vascular Tissues and Tissue Vascularization. <i>Bioengineering</i> , 2021, 8, 178.	1.6	14
11028	Science-based regulatory considerations for regenerative medicine cellular products. <i>Current Opinion in Biomedical Engineering</i> , 2021, 21, 100361.	1.8	1
11029	Proliferation Pattern of Pediatric Tumor-Derived Mesenchymal Stromal Cells and Role in Cancer Dormancy: A Perspective of Study for Surgical Strategy. <i>Frontiers in Pediatrics</i> , 2021, 9, 766610.	0.9	1
11030	Overview of Orthobiologics and Joint Function. , 2022, , 21-31.		0

#	ARTICLE	IF	CITATIONS
11031	Roles of mesenchymal stromal cells in the head and neck cancer microenvironment. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112269.	2.5	11
11032	Comparison of the biological characteristics of umbilical cord mesenchymal stem cells derived from the human heterosexual twins. <i>Differentiation</i> , 2020, 114, 1-12.	1.0	2
11035	Bone marrow mesenchymal stem cells differentiate into intestinal epithelioid cells through the ERK1/2 pathway. <i>Turkish Journal of Gastroenterology</i> , 2020, 31, 459-465.	0.4	2
11036	Stammzellen. , 2008, , 421-449.		0
11038	Gene Therapy as a Modern Method of Treating Naturally Occurring Tendinitis and Desmitis in Horses. , 0, , .		0
11040	Equine adipose tissue derived stem cells and their multilineage differentiation. <i>Kocatepe Veteriner Dergisi</i> , 0, , .	0.2	0
11041	Tuning Thermal Dosage to Facilitate Mesenchymal Stem Cell Osteogenesis in Pro-Inflammatory Environment. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	0.6	2
11042	Are human dental pulp stem cells the future of neurodegenerative diseases and nerve injury therapy?*. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2020, 74, 426-436.	0.1	0
11045	Efecto inmunomodulador y microbicida de las células mesenquimales estromales obtenidas de médula ósea. <i>Hechos Microbiológicos</i> , 2020, 11, 72-81.	0.1	0
11046	Honey-incorporated nanofibre reduces replicative senescence of umbilical cord-derived mesenchymal stem cells. <i>IET Nanobiotechnology</i> , 2020, 14, 870-880.	1.9	5
11047	Regeneration of critical-sized defects, in a goat model, using a dextrin-based hydrogel associated with granular synthetic bone substitute. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbaa036.	1.9	9
11049	Mesenchymal Stem Cell and Hematopoietic Stem Cell Transplantation for Vasculitis. , 2021, , 221-230.		0
11050	Types and Origin of Stem Cells. , 2021, , 33-68.		1
11051	IDENTIFICATION OF MESENCHYMAL STEM CELLS AND PROLIFERATION PROPERTIES. <i>Journal of Research in Veterinary Medicine</i> , 0, , .	0.1	0
11052	Effects of platelet-rich plasma on mesenchymal stem cells isolated from rat uterus. <i>PeerJ</i> , 2020, 8, e10415.	0.9	4
11053	ATF4, DLX3, FRA1, MSX2, C/EBP- β , and C/EBP- δ Shape the Molecular Basis of Therapeutic Effects of Zoledronic Acid in Bone Disorders. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 2274-2284.	0.9	2
11054	The effects of adipose-derived multipotent mesenchymal stromal cells transplantation on motor activity and function of the sciatic nerve in mice with peripheral neuropathy. <i>Cell and Organ Transplantation</i> , 2020, 8, .	0.2	1
11056	Role of CD146 Enrichment in Purification of Stem Cells Derived from Dental Pulp Polyp. <i>Iranian Endodontic Journal</i> , 2017, 12, 92-97.	0.8	8

#	ARTICLE	IF	CITATIONS
11058	Beneficial Effects of Hypoxic Preconditioning on Human Umbilical Cord Mesenchymal Stem Cells. Chinese Journal of Physiology, 2015, 58, 343-53.	0.4	8
11059	Concepts for the clinical use of stem cells in equine medicine. Canadian Veterinary Journal, 2008, 49, 1009-17.	0.0	30
11060	Current and future regenerative medicine - principles, concepts, and therapeutic use of stem cell therapy and tissue engineering in equine medicine. Canadian Veterinary Journal, 2009, 50, 155-65.	0.0	77
11062	Bone marrow and umbilical cord blood human mesenchymal stem cells: state of the art. International Journal of Clinical and Experimental Medicine, 2010, 3, 248-69.	1.3	174
11063	Stem cell therapeutics: potential in the treatment of inflammatory bowel disease. Clinical and Experimental Gastroenterology, 2010, 3, 1-10.	1.0	10
11065	Cancer associated fibroblasts: the dark side of the coin. American Journal of Cancer Research, 2011, 1, 482-97.	1.4	269
11068	Proteome changes during bone mesenchymal stem cell differentiation into photoreceptor-like cells in vitro. International Journal of Ophthalmology, 2011, 4, 466-73.	0.5	4
11069	Mesenchymal stem cells in tissue growth and repair. Acta Naturae, 2011, 3, 30-7.	1.7	47
11070	Subcutaneous adipocytes may become osteoblasts. Clinical Cases in Mineral and Bone Metabolism, 2012, 9, 28-30.	1.0	3
11071	Stem cells isolated from the human stromal limbus possess immunosuppressant properties. Molecular Vision, 2012, 18, 2087-95.	1.1	31
11072	Enhancement of Glycosaminoglycan-Rich Matrix Production in Human Marrow-Derived Mesenchymal Stem Cell Chondrogenic Culture by Lithium Chloride and SB216763 Treatment. Cell Journal, 2011, 13, 117-26.	0.2	12
11073	Experimental model for adjuvant treatment with mesenchymal stem cells for aortic aneurysm. American Journal of Stem Cells, 2012, 1, 174-81.	0.4	6
11074	Current applications of mesenchymal stem cells for tissue replacement in otolaryngology-head and neck surgery. American Journal of Stem Cells, 2012, 1, 225-38.	0.4	8
11075	Foetal stem cell derivation & characterization for osteogenic lineage. Indian Journal of Medical Research, 2013, 137, 308-15.	0.4	2
11076	Biological properties of mesenchymal Stem Cells from different sources. Muscles, Ligaments and Tendons Journal, 2012, 2, 154-62.	0.1	129
11077	Tendon stem cells: experimental and clinical perspectives in tendon and tendon-bone junction repair. Muscles, Ligaments and Tendons Journal, 2012, 2, 163-8.	0.1	26
11078	Mesenchymal stem cells, aging and regenerative medicine. Muscles, Ligaments and Tendons Journal, 2012, 2, 239-42.	0.1	51
11079	Immunomodulation by mesenchymal stem cells in veterinary species. Comparative Medicine, 2013, 63, 207-17.	0.4	60

#	ARTICLE	IF	CITATIONS
11081	Advances in Single-cell Tracking of Mesenchymal Stem Cells (MSCs) During Musculoskeletal Regeneration. , 2012, 14, 22-28.		3
11082	Isolation and characterization of the progenitor cells from the blastema tissue formed at experimentally-created rabbit ear hole. Iranian Journal of Basic Medical Sciences, 2013, 16, 109-15.	1.0	9
11083	Potential uses for cord blood mesenchymal stem cells. Cell Journal, 2014, 15, 274-81.	0.2	19
11084	In search of mechanisms associated with mesenchymal stem cell-based therapies for acute kidney injury. Clinical Biochemist Reviews, 2013, 34, 131-44.	3.3	47
11086	Human term placental cells: phenotype, properties and new avenues in regenerative medicine. International Journal of Molecular and Cellular Medicine, 2012, 1, 64-74.	1.1	36
11087	Mesenchymal stem cells repair germinal cells of seminiferous tubules of sterile rats. Iranian Journal of Reproductive Medicine, 2013, 11, 537-44.	0.8	31
11088	Comparison of differentiation potential of male mouse adipose tissue and bone marrow derived-mesenchymal stem cells into germ cells. Iranian Journal of Reproductive Medicine, 2013, 11, 965-76.	0.8	10
11089	A comparative study of osteogenic differentiation human induced pluripotent stem cells and adipose tissue derived mesenchymal stem cells. Cell Journal, 2014, 16, 235-44.	0.2	42
11090	Blastema from rabbit ear contains progenitor cells comparable to marrow derived mesenchymal stem cells. Veterinary Research Forum, 2012, 3, 159-65.	0.3	3
11091	Efficient lentiviral transduction of adipose tissue-derived mouse mesenchymal stem cells and assessment of their penetration in female mice cervical tumor model. Iranian Journal of Cancer Prevention, 2014, 7, 225-31.	0.7	6
11092	Transplantation of mesenchymal stem cells, recombinant human BMP-2, and their combination in accelerating the union after osteotomy and increasing, the mechanical strength of extracorporeally irradiated femoral autograft in rat models. Medical Journal of the Islamic Republic of Iran, 2014, 28, 129.	0.9	3
11093	Bone marrow-derived mesenchymal stem cells inhibits hepatocyte apoptosis after acute liver injury. International Journal of Clinical and Experimental Pathology, 2015, 8, 107-16.	0.5	23
11094	Capability of Cartilage Extract to In Vitro Differentiation of Rat Mesenchymal Stem Cells (MSCs) to Chondrocyte Lineage. International Journal of Molecular and Cellular Medicine, 2015, 4, 9-21.	1.1	4
11095	In vitro differentiation of rat mesenchymal stem cells to hepatocyte lineage. Iranian Journal of Basic Medical Sciences, 2015, 18, 89-97.	1.0	22
11096	Potential of Mesenchymal Stem Cell based application in Cancer. International Journal of Hematology-Oncology and Stem Cell Research, 2015, 9, 95-103.	0.3	44
11098	Lithium enhanced cell proliferation and differentiation of mesenchymal stem cells to neural cells in rat spinal cord. International Journal of Clinical and Experimental Pathology, 2015, 8, 2473-83.	0.5	11
11099	Ischemic preconditioning potentiates the protective effect of mesenchymal stem cells on endotoxin-induced acute lung injury in mice through secretion of exosome. International Journal of Clinical and Experimental Medicine, 2015, 8, 3825-32.	1.3	34
11100	The ability to form cartilage of NPMSC and BMSC in SD rats. International Journal of Clinical and Experimental Medicine, 2015, 8, 4989-96.	1.3	13

#	ARTICLE	IF	CITATIONS
11101	Bone marrow-derived mesenchymal stem cell transplantation ameliorates oxidative stress and restores intestinal mucosal permeability in chemically induced colitis in mice. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 891-901.	0.0	28
11102	Icariside II promotes osteogenic differentiation of bone marrow stromal cells in beagle canine. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4367-77.	0.5	12
11103	Elimination of allogeneic multipotent stromal cells by host macrophages in different models of regeneration. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4469-80.	0.5	8
11104	Bone marrow mesenchymal stem cells ameliorate neurological deficits and blood-brain barrier dysfunction after intracerebral hemorrhage in spontaneously hypertensive rats. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4715-24.	0.5	37
11105	Isolation and characterization of CD105+/CD90+ subpopulation in breast cancer MDA-MB-231 cell line. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 5105-12.	0.5	19
11106	Retinoic Acid as the Stimulating Factor for Differentiation of Wharton's Jelly-Mesenchymal Stem Cells into Hepatocyte-like Cells. <i>Avicenna Journal of Medical Biotechnology</i> , 2015, 7, 106-12.	0.2	16
11107	Electrophysiological and histopathological effects of mesenchymal stem cells in treatment of experimental rat model of sciatic nerve injury. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 8776-84.	1.3	7
11108	Defective proliferative potential of MSCs from pediatric myelodysplastic syndrome patients is associated with cell senescence. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 13059-66.	0.5	9
11109	MESENCHYMAL STROMAL CELLS AND THEIR ORTHOPAEDIC APPLICATIONS. <i>Case Orthopaedic Journal</i> , 2012, 9, 60-65.	0.0	0
11110	Current Status and Perspectives in Stem Cell Therapy for Heart. <i>Acta Cardiologica Sinica</i> , 2014, 30, 382-94.	0.1	0
11111	Mesenchymal Stem Cell Derived Exosomes: A New Hope for the Treatment of Cardiovascular Disease?. <i>Acta Cardiologica Sinica</i> , 2014, 30, 395-400.	0.1	17
11112	The Effect of Bone Marrow Mesenchymal Stem Cells on Vitamin D3 Induced Monocytic Differentiation of U937 Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 23-9.	0.6	5
11113	Altered function in cartilage derived mesenchymal stem cell leads to OA-related cartilage erosion. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 433-46.	0.0	16
11115	Comparison of stem cell therapies for acute kidney injury. <i>American Journal of Stem Cells</i> , 2016, 5, 1-10.	0.4	19
11116	Bone morphogenetic protein 9 (BMP9) induces effective bone formation from reversibly immortalized multipotent adipose-derived (iMAD) mesenchymal stem cells. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 3710-3730.	0.0	39
11117	Evaluation of adipose-derived stromal vascular fraction from the lateral tailhead, inguinal region, and mesentery of horses. <i>Canadian Journal of Veterinary Research</i> , 2016, 80, 294-301.	0.2	5
11118	Sertoli cell condition medium can induce germ like cells from bone marrow derived mesenchymal stem cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1186-1192.	1.0	7
11119	The Effect of 1 α ,25(OH) $_2$ D $_3$ on Osteogenic Differentiation of Stem Cells from Dental Pulp of Exfoliated Deciduous Teeth. <i>Journal of Dentistry</i> , 2016, 17, 348-353.	0.1	5

#	ARTICLE	IF	CITATIONS
11120	Characterization and therapeutic application of canine adipose mesenchymal stem cells to treat elbow osteoarthritis. Canadian Journal of Veterinary Research, 2017, 81, 73-78.	0.2	24
11121	Mesenchymal stem cells as potential therapeutic approaches in celiac disease. Gastroenterology and Hepatology From Bed To Bench, 2016, 9, S1-S7.	0.6	3
11122	Molecular and Cellular Interactions of Allogenic and Autologous Mesenchymal Stem Cells with Innate and Acquired Immunity and Their Role in Regenerative Medicine. International Journal of Hematology-Oncology and Stem Cell Research, 2017, 11, 63-77.	0.3	6
11123	Therapeutic effects of human amnion-derived mesenchymal stem cell transplantation and conditioned medium enema in rats with trinitrobenzene sulfonic acid-induced colitis. American Journal of Translational Research (discontinued), 2017, 9, 940-952.	0.0	22
11124	Mesenchymal stem cells inhibited development of lung cancer induced by chemical carcinogens in a rat model. American Journal of Translational Research (discontinued), 2017, 9, 2891-2900.	0.0	11
11126	Leukemia inhibitory factor increases the proliferation of human endometrial stromal cells and expression of genes related to pluripotency. International Journal of Reproductive BioMedicine, 2017, 15, 209-216.	0.5	3
11127	Isolation, differentiation, and characterization of mesenchymal stem cells from human bone marrow. Gastroenterology and Hepatology From Bed To Bench, 2017, 10, 208-213.	0.6	49
11128	Inhibitory effects of thalidomide on bleomycin-induced pulmonary fibrosis in rats via regulation of thioredoxin reductase and inflammations. American Journal of Translational Research (discontinued), 2017, 9, 4390-4401.	0.0	7
11129	Role of cord blood and bone marrow mesenchymal stem cells in recent deep burn: a case-control prospective study. American Journal of Stem Cells, 2017, 6, 23-35.	0.4	23
11130	Umbilical cord mesenchymal stem cell transplantation in the treatment of multiple sclerosis. American Journal of Translational Research (discontinued), 2018, 10, 212-223.	0.0	18
11131	Cytotoxicity assessment of polyhydroxybutyrate/chitosan/nano- bioglass nanofiber scaffolds by stem cells from human exfoliated deciduous teeth stem cells from dental pulp of exfoliated deciduous tooth. Dental Research Journal, 2018, 15, 136-145.	0.2	4
11133	Comparing stemness gene expression between stem cell subpopulations from peripheral blood and adipose tissue. American Journal of Stem Cells, 2018, 7, 38-47.	0.4	7
11134	Discovery of a stem-like multipotent cell fate. American Journal of Stem Cells, 2018, 7, 25-37.	0.4	1
11135	Apoptosis of Adipose-Derived Stem Cells Induced by Liposomal Soybean Phosphatidylcholine Extract. Avicenna Journal of Medical Biotechnology, 2018, 10, 126-133.	0.2	1
11136	Effects of human amnion-derived mesenchymal stem cells and conditioned medium in rats with sclerosing cholangitis. American Journal of Translational Research (discontinued), 2018, 10, 2102-2114.	0.0	7
11137	Stem cell therapy in chronic obstructive pulmonary disease. How far is it to the clinic?. American Journal of Stem Cells, 2018, 7, 56-71.	0.4	10
11138	Considerations on the harvesting site and donor derivation for mesenchymal stem cells-based strategies for diabetes. CellR4, 2017, 5, .	0.5	8
11139	Cultured Cells Isolated from CNS Indolent B-Cell Lymphoma Have Characteristics of Mesenchymal Stem Cells: A Clinical Case and Scientific Research. International Journal of Hematology-Oncology and Stem Cell Research, 2018, 12, 169-174.	0.3	0

#	ARTICLE	IF	CITATIONS
11140	Impact of donor characteristics on the quality of bone marrow as a source of mesenchymal stromal cells. <i>American Journal of Stem Cells</i> , 2018, 7, 114-120.	0.4	6
11141	Combination of kartogenin and transforming growth factor- β 23 supports synovial fluid-derived mesenchymal stem cell-based cartilage regeneration. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 2056-2069.	0.0	7
11142	Histopathological evaluation of mesenchymal stem cells in the healing of anastomosed carotid arteries. <i>American Journal of Stem Cells</i> , 2019, 8, 19-27.	0.4	1
11143	MSC: immunoregulatory effects, roles on neutrophils and evolving clinical potentials. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 3890-3904.	0.0	26
11144	Mechanisms supporting potential use of bone marrow-derived mesenchymal stem cells in psychocardiology. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 6717-6738.	0.0	0
11145	Mesenchymal stem cells were affected by up-regulation of miRNA-21 in vitro. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 27-37.	0.5	1
11146	Platelet-derived growth factor and stromal cell-derived factor-1 promote the skin wound repairing effect of bone mesenchymal stem cells: a key role of matrix metalloproteinase 1 and collagens. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 8253-8262.	0.5	1
11147	Effects of icariin on osteogenic differentiation of bone marrow stromal cells in beagle canine. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 8957-8967.	0.5	0
11148	Differentiation Potential of Nestin (+) and Nestin (-) Cells Derived from Human Bone Marrow Mesenchymal Stem Cells into Functional Insulin Producing Cells. <i>International Journal of Molecular and Cellular Medicine</i> , 2019, 8, 1-13.	1.1	13
11149	PAST, CURRENT AND FUTURE INTERVENTIONAL ORTHOBIOLOGICS TECHNIQUES AND HOW THEY RELATE TO REGENERATIVE REHABILITATION: A CLINICAL COMMENTARY. <i>International Journal of Sports Physical Therapy</i> , 2020, 15, 301-325.	0.5	4
11150	The effect of human wharton's jelly-derived mesenchymal stem cells on MC4R, NPY, and LEPR gene expression levels in rats with streptozotocin-induced diabetes. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 214-223.	1.0	3
11151	Proliferation and osteogenic differentiation of bone marrow-derived mesenchymal stem cell after exposure to red flesh dragon fruit extract. <i>Dental Research Journal</i> , 2020, 17, 107-113.	0.2	0
11152	Senolytic controls bone marrow mesenchymal stem cells fate improving bone formation. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 3078-3088.	0.0	6
11154	Mesenchymal or Maintenance Stem Cell & Understanding Their Role in Osteoarthritis of the Knee Joint: A Review Article. <i>Archives of Bone and Joint Surgery</i> , 2020, 8, 560-569.	0.1	2
11155	Potential application of amniotic stem cells in veterinary medicine. <i>Animal Reproduction</i> , 2020, 16, 24-30.	0.4	2
11156	Hemovac blood after total knee arthroplasty as a source of stem cells. <i>Annals of Translational Medicine</i> , 2020, 8, 1406.	0.7	1
11157	Fibulin 5, a human Wharton's jelly-derived mesenchymal stem cells-secreted paracrine factor, attenuates peripheral nervous system myelination defects through the Integrin-RAC1 signaling axis. <i>Stem Cells</i> , 2020, , .	1.4	4
11158	Proteomics Analyses Reveal Functional Differences between Exosomes of Mesenchymal Stem Cells Derived from The Umbilical Cord and Those Derived from The Adipose Tissue. <i>Cell Journal</i> , 2021, 23, 75-84.	0.2	2

#	ARTICLE	IF	CITATIONS
11159	Identification and biological characteristics of clear cell renal cell carcinoma associated urine-derived stem cells. American Journal of Translational Research (discontinued), 2021, 13, 2143-2162.	0.0	2
11161	Xeno-Free Human Wharton's Jelly Mesenchymal Stromal Cells Maintain Their Characteristic Properties after Long-Term Cryopreservation. Cell Journal, 2021, 23, 145-153.	0.2	0
11163	Efficacy of Combination Therapy with Apigenin and Synovial Membrane-Derived Mesenchymal Stem Cells on Knee Joint Osteoarthritis in a Rat Model. Iranian Journal of Medical Sciences, 2021, 46, 383-394.	0.3	1
11164	Technological Advances of 3D Scaffold-Based Stem Cell/Exosome Therapy in Tissues and Organs. Frontiers in Cell and Developmental Biology, 2021, 9, 709204.	1.8	1
11166	Dental Mesenchymal Stem/Progenitor Cells: A New Prospect in Regenerative Medicine. , 2021, , 135-156.		1
11167	Induced pluripotent stem cells-derived chondrocyte progenitors. , 2022, , 159-176.		3
11168	Induced pluripotent stem cells-derived craniofacial mesenchymal progenitor cells. , 2022, , 19-43.		0
11169	Stem cell technology: Application in animal health and livestock production. , 2022, , 449-472.		1
11170	Induced pluripotent stem cells-derived dental pulp stem cells. , 2022, , 177-200.		0
11171	Ligament Lesions: Cell Therapy. , 2022, , 245-255.		1
11172	Bone Marrow as a Source of Cells for Musculoskeletal Cellular Therapies. , 2022, , 29-45.		0
11173	Induced pluripotent stem cell-derived bone progenitors. , 2022, , 133-158.		0
11174	Adipose-Derived Stem/Stromal Cells, Stromal Vascular Fraction, and Microfragmented Adipose Tissue. , 2022, , 47-61.		0
11175	Injections of Synovial Mesenchymal Stromal Cells. , 2022, , 63-74.		0
11176	Rotator Cuff Tendinopathy: Cell Therapy. , 2022, , 169-179.		0
11179	Technological Advances of 3D Scaffold-Based Stem Cell/Exosome Therapy in Tissues and Organs. Frontiers in Cell and Developmental Biology, 2021, 9, 709204.	1.8	23
11180	Long term expansion profile of mesenchymal stromal cells at protein nanosheet-stabilised bioemulsions for next generation cell culture microcarriers. Materials Today Bio, 2021, 12, 100159.	2.6	21
11181	Novel immortalization approach defers senescence of cultured canine adipose-derived mesenchymal stromal cells. GeroScience, 2022, 44, 1301-1323.	2.1	3

#	ARTICLE	IF	CITATIONS
11182	The biology of mesenchymal stem/stromal cells in the treatment of osteoarthritis. <i>Journal of Cartilage & Joint Preservation</i> , 2021, , 100035.	0.2	1
11183	Stem Cell Rejuvenation by Restoration of Youthful Metabolic Compartmentalization. <i>Rejuvenation Research</i> , 2021, 24, 470-474.	0.9	1
11184	Cardiomyogenic Differentiation Potential of Human Dilated Myocardium-Derived Mesenchymal Stem/Stromal Cells: The Impact of HDAC Inhibitor SAHA and Biomimetic Matrices. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12702.	1.8	7
11185	Bone morphogenetic protein 9 enhances osteogenic and angiogenic responses of human amniotic mesenchymal stem cells cocultured with umbilical vein endothelial cells through the PI3K/AKT/m-TOR signaling pathway. <i>Aging</i> , 2021, 13, 24829-24849.	1.4	10
11186	Regulation of the mesenchymal stem cell fate by interleukin-17: Implications in osteogenic differentiation. <i>World Journal of Stem Cells</i> , 2021, 13, 1696-1713.	1.3	4
11187	Behind the scenes of extracellular vesicle therapy for skin injuries and disorders. <i>Advances in Wound Care</i> , 2021, , .	2.6	1
11188	Isolation, Culture, Expansion and Characterization of Cord Blood-Derived Mesenchymal Stem Cells. <i>Egyptian Academic Journal of Biological Sciences C Physiology and Molecular Biology</i> , 2021, 13, 143-153.	0.0	0
11189	Ascorbic Acid/Retinol and/or Inflammatory Stimuli's Effect on Proliferation/Differentiation Properties and Transcriptomics of Gingival Stem/Progenitor Cells. <i>Cells</i> , 2021, 10, 3310.	1.8	7
11190	Stem Cell Secretome for Spinal Cord Repair: Is It More than Just a Random Baseline Set of Factors?. <i>Cells</i> , 2021, 10, 3214.	1.8	12
11191	Fetal Immunomodulatory Environment Following Cartilage Injury "The Key to CARTILAGE Regeneration?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12969.	1.8	3
11192	Recent strategies for enhancing the therapeutic efficacy of stem cells in wound healing. <i>Stem Cell Research and Therapy</i> , 2021, 12, 588.	2.4	10
11193	Endothelial nitric oxide synthase-engineered mesenchymal stromal cells induce anti-inflammation in experimental immune models. <i>Cytotherapy</i> , 2021, , .	0.3	1
11195	Priming strategies for controlling stem cell fate: Applications and challenges in dental tissue regeneration. <i>World Journal of Stem Cells</i> , 2021, 13, 1628-1649.	1.3	0
11196	The Potential of Mesenchymal Stem Cells for the Treatment of Cytokine Storm due to COVID-19. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	2
11197	The Role of Mesenchymal Stromal Cells in Tissue Repair and Fibrosis. <i>Advances in Wound Care</i> , 2022, 11, 561-574.	2.6	4
11198	3D spheroids of human placenta-derived mesenchymal stem cells attenuate spinal cord injury in mice. <i>Cell Death and Disease</i> , 2021, 12, 1096.	2.7	28
11199	Immunomodulatory and Anti-fibrotic Effects Following the Infusion of Umbilical Cord Mesenchymal Stromal Cells in a Critically Ill Patient With COVID-19 Presenting Lung Fibrosis: A Case Report. <i>Frontiers in Medicine</i> , 2021, 8, 767291.	1.2	3
11200	Therapeutics effect of mesenchymal stromal cells in reactive oxygen species-induced damages. <i>Human Cell</i> , 2022, 35, 37-50.	1.2	7

#	ARTICLE	IF	CITATIONS
11201	Bone Scaffolds: An Incorporation of Biomaterials, Cells, and Biofactors. ACS Biomaterials Science and Engineering, 2021, 7, 5397-5431.	2.6	41
11202	Non-Clinical Assessment of Safety, Biodistribution and Tumorigenicity of Human Mesenchymal Stromal Cells. Toxicology Reports, 2021, 8, 1960-1969.	1.6	7
11203	Demystifying the long noncoding RNA landscape of small EVs derived from human mesenchymal stromal cells. Journal of Advanced Research, 2022, 39, 73-88.	4.4	6
11204	Bilirubin induces discoloration and hypodontia on tooth. Pediatric Dental Journal, 2021, , .	0.3	0
11205	Current Introduction of the Biological Agent Derived from Adipose Tissue to the Treatment of Knee Osteoarthritis. , 2022, , 437-450.		0
11206	Age-related changes in the energy of human mesenchymal stem cells. Journal of Cellular Physiology, 2022, 237, 1753-1767.	2.0	10
11207	Mesenchymal Stem/Stromal Cells and Fibroblasts: Their Roles in Tissue Injury and Regeneration, and Age-Related Degeneration. Biochemistry, 0, , .	0.8	6
11208	Secretome effect of adipose tissue-derived stem cells cultured two-dimensionally and three-dimensionally in mice with streptozocin induced type 1 diabetes. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100069.	1.7	5
11209	Adipose-derived mesenchymal stem cells (AD-MSCs) in the treatment for psoriasis: results of a single-arm pilot trial. Annals of Translational Medicine, 2021, 9, 1653-1653.	0.7	4
11210	IFN-Gamma and TNF-Alpha as a Priming Strategy to Enhance the Immunomodulatory Capacity of Secretomes from Menstrual Blood-Derived Stromal Cells. International Journal of Molecular Sciences, 2021, 22, 12177.	1.8	13
11211	Ectopic Bone Tissue Engineering in Mice Using Human Gingiva or Bone Marrow-Derived Stromal/Progenitor Cells in Scaffold-Hydrogel Constructs. Frontiers in Bioengineering and Biotechnology, 2021, 9, 783468.	2.0	10
11212	Application of Human Epineural Conduit Supported with Human Mesenchymal Stem Cells as a Novel Therapy for Enhancement of Nerve Gap Regeneration. Stem Cell Reviews and Reports, 2021, , 1.	1.7	6
11213	Canine Mesenchymal Cell Lyosecretome Production and Safety Evaluation after Allogenic Intraarticular Injection in Osteoarthritic Dogs. Animals, 2021, 11, 3271.	1.0	9
11214	Classification and Characteristics of Mesenchymal Stem Cells and Its Potential Therapeutic Mechanisms and Applications against Ischemic Stroke. Stem Cells International, 2021, 2021, 1-13.	1.2	5
11215	Progenitor Cells in Healthy and Osteoarthritic Human Cartilage Have Extensive Culture Expansion Capacity while Retaining Chondrogenic Properties. Cartilage, 2021, 13, 129S-142S.	1.4	4
11216	New Horizons in Paediatric Hepatology: A Glimpse of the Future. , 2022, , 1063-1069.		0
11217	Cell Therapy: Types, Regulation, and Clinical Benefits. Frontiers in Medicine, 2021, 8, 756029.	1.2	61
11218	Pneumosclerotic changes in lung tissues as a sign of tumor transformation in workers of the main professions of coal mines. Meditsina Truda I Promyshlennaia Ekologiia, 2021, 61, 647-654.	0.1	0

#	ARTICLE	IF	CITATIONS
11219	MSC Secretome as a Promising Tool for Neuroprotection and Neuroregeneration in a Model of Intracerebral Hemorrhage. <i>Pharmaceutics</i> , 2021, 13, 2031.	2.0	10
11220	CD271 antibody-functionalized microspheres capable of selective recruitment of reparative endogenous stem cells for in situ bone regeneration. <i>Biomaterials</i> , 2022, 280, 121243.	5.7	15
11221	Cell-Based Neuroprotection of Retinal Ganglion Cells in Animal Models of Optic Neuropathies. <i>Biology</i> , 2021, 10, 1181.	1.3	1
11223	Efficacy and cost-effectiveness of Stem Cell injections for symptomatic relief and structural improvement in people with Tibiofemoral knee Osteoarthritis: protocol for a randomised placebo-controlled trial (the SCULPTOR trial). <i>BMJ Open</i> , 2021, 11, e056382.	0.8	10
11224	Priming strategies for controlling stem cell fate: Applications and challenges in dental tissue regeneration. <i>World Journal of Stem Cells</i> , 2021, 13, 1625-1646.	1.3	6
11225	A Collagen Basketweave from the Giant Squid Mantle as a Robust Scaffold for Tissue Engineering. <i>Marine Drugs</i> , 2021, 19, 679.	2.2	4
11226	Dexamethasone-mediated inhibition of Notch signalling blocks the interaction of leukaemia and mesenchymal stromal cells. <i>British Journal of Haematology</i> , 2022, 196, 995-1006.	1.2	10
11227	INVESTIGATION OF 3D CULTURE OF HUMAN ADIPOSE TISSUE-DERIVED MESENCHYMAL STEM CELLS IN A MICROFLUIDIC PLATFORM. <i>Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering</i> , 0, , .	0.4	1
11228	Role of the Microenvironment in Mesenchymal Stem Cell-Based Strategies for Treating Human Liver Diseases. <i>Stem Cells International</i> , 2021, 2021, 1-15.	1.2	2
11229	To B (Bone Morphogenic Protein-2) or Not to B (Bone Morphogenic Protein-2): Mesenchymal Stem Cells May Explain the Protein's Role in Osteosarcomagenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 740783.	1.8	2
11230	Culturing and Scaling up Stem Cells of Dental Pulp Origin Using Microcarriers. <i>Polymers</i> , 2021, 13, 3951.	2.0	2
11231	Deciphering Tumor Niches: Lessons From Solid and Hematological Malignancies. <i>Frontiers in Immunology</i> , 2021, 12, 766275.	2.2	13
11232	Curcumin and Mesenchymal Stem Cells Ameliorate Ankle, Testis, and Ovary Deleterious Histological Changes in Arthritic Rats via Suppression of Oxidative Stress and Inflammation. <i>Stem Cells International</i> , 2021, 2021, 1-20.	1.2	11
11233	Regulation of the mesenchymal stem cell fate by interleukin-17: Implications in osteogenic differentiation. <i>World Journal of Stem Cells</i> , 2021, 13, 1699-1716.	1.3	0
11234	Novel Insights into the Stemness and Immune Privilege of Mesenchymal Stem Cells from Human Wharton Jelly by Single-Cell RNA Sequencing. <i>Medical Science Monitor</i> , 2022, 28, e934660.	0.5	2
11235	Stem Cell-Based Therapies: What Interventional Radiologists Need to Know. <i>Seminars in Interventional Radiology</i> , 2021, 38, 523-534.	0.3	0
11236	Preclinical Assessment of Mesenchymal-Stem-Cell-Based Therapies in Spinocerebellar Ataxia Type 3. <i>Biomedicines</i> , 2021, 9, 1754.	1.4	5
11237	Prologue: Oro-Dental-Derived Stromal Cells for Cranio-Maxillo-Facial Tissue Engineering - Past, Present and Future. , 0, , .		0

#	ARTICLE	IF	CITATIONS
11238	KIF26B Silencing Prevents Osseous Transdifferentiation of Progenitor/Stem Cells and Attenuates Ectopic Calcification in a Murine Model. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 349-368.	3.1	4
11239	Banking of AT-MSC and its Influence on Their Application to Clinical Procedures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 773123.	2.0	2
11240	Long Non-Coding RNAs Associated with Ribosomes in Human Adipose-Derived Stem Cells: From RNAs to Microproteins. <i>Biomolecules</i> , 2021, 11, 1673.	1.8	5
11241	IL-10 mRNA Engineered MSCs Demonstrate Enhanced Anti-Inflammation in an Acute GvHD Model. <i>Cells</i> , 2021, 10, 3101.	1.8	18
11242	Effect of biomolecules derived from human platelet-rich plasma on the ex vivo expansion of human adipose-derived mesenchymal stem cells for clinical applications. <i>Biologicals</i> , 2021, 75, 37-37.	0.5	1
11243	Hyaluronic Acid <i>In Vitro</i> Response: Viability and Proliferation Profile of Human Chondrocytes in 3D-Based Culture. <i>Cartilage</i> , 2021, 13, 1077S-1087S.	1.4	5
11244	Cell transplantation and secretome based approaches in spinal cord injury regenerative medicine. <i>Medicinal Research Reviews</i> , 2022, 42, 850-896.	5.0	11
11245	Mesenchymal Stem/Stromal Cells Derived from Human and Animal Perinatal Tissues—Origins, Characteristics, Signaling Pathways, and Clinical Trials. <i>Cells</i> , 2021, 10, 3278.	1.8	24
11246	Mesenchymal Stromal Cells for the Treatment of Interstitial Lung Disease in Children: A Look from Pediatric and Pediatric Surgeon Viewpoints. <i>Cells</i> , 2021, 10, 3270.	1.8	7
11247	Mesenchymal stem cell-based nanoparticles and scaffolds in regenerative medicine. <i>European Journal of Pharmacology</i> , 2022, 918, 174657.	1.7	32
11248	Understanding menstrual blood-derived stromal/stem cells: Definition and properties. Are we rushing into their therapeutic applications?. <i>IScience</i> , 2021, 24, 103501.	1.9	12
11249	Secretome of Mesenchymal Bone Marrow Stem Cells: Is It Immunosuppressive or Proinflammatory?. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 172, 250-253.	0.3	13
11250	Phospholipid Profiles for Phenotypic Characterization of Adipose-Derived Multipotent Mesenchymal Stromal Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 784405.	1.8	2
11251	Adipose tissue-derived mesenchymal stem cells reduce endometriosis cellular proliferation through their anti-inflammatory effects. <i>Clinical and Experimental Reproductive Medicine</i> , 2021, 48, 322-336.	0.5	8
11252	Stem Cell-Based Tissue Engineering for Functional Enamel and Dentin/Pulp Complex: A Potential Alternative to the Restorative Therapies. , 2021, , 157-174.		0
11253	Mesenchymal Stem/Stromal Cells Overexpressing CXCR4 ^{R334X} Revealed Enhanced Migration: A Lesson Learned from the Pathogenesis of WHIM Syndrome. <i>Cell Transplantation</i> , 2021, 30, 096368972110544.	1.2	4
11254	Progress in Research of Biological Characteristics of Mesenchymal Stem Cells from Different Placental Structures. <i>Advances in Clinical Medicine</i> , 2021, 11, 5767-5777.	0.0	0
11255	Exploring the Potential of Stem Cell-Based Therapy for Aesthetic and Plastic Surgery. <i>IEEE Reviews in Biomedical Engineering</i> , 2023, 16, 386-402.	13.1	9

#	ARTICLE	IF	CITATIONS
11256	Skeletal Stem Cells as the Developmental Origin of Cellular Niches for Hematopoietic Stem and Progenitor Cells. <i>Current Topics in Microbiology and Immunology</i> , 2021, 434, 1-31.	0.7	3
11257	Stem-Cell-Based Cardiac Regeneration: Is There a Place For Optimism in the Future?. , 2021, , 119-134.		1
11258	The Study on the Regulation of Th Cells by Mesenchymal Stem Cells Through the JAK-STAT Signaling Pathway to Protect Naturally Aged Sepsis Rats. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
11259	Interleukin-17 modulates uPA and MMP2 expression in human periodontal ligament mesenchymal stem cells: Involvement of the ERK1/2 MAPK pathway. <i>Archives of Biological Sciences</i> , 2022, 74, 15-24.	0.2	1
11261	BM-MS-C-derived small extracellular vesicles (sEV) from trained animals presented nephroprotective potential in unilateral ureteral obstruction model. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200187.	0.8	0
11262	Definition and Characteristics of Mesenchymal Stromal Cells in Preclinical and Clinical Studies: A Scoping Review. <i>Stem Cells Translational Medicine</i> , 2022, 11, 44-54.	1.6	16
11263	Improved MSC Minimal Criteria to Maximize Patient Safety: A Call to Embrace Tissue Factor and Hemocompatibility Assessment of MSC Products. <i>Stem Cells Translational Medicine</i> , 2022, 11, 2-13.	1.6	74
11264	Blood Vessel Resident Human Stem Cells in Health and Disease. <i>Stem Cells Translational Medicine</i> , 2022, 11, 35-43.	1.6	14
11265	Overexpression of NMNAT3 improves mitochondrial function and enhances antioxidative stress capacity of bone marrow mesenchymal stem cells via the NAD ⁺ -Sirt3 pathway. <i>Bioscience Reports</i> , 2022, 42, .	1.1	9
11266	The Crosstalk Between Adipose-Derived Stem or Stromal Cells (ASC) and Cancer Cells and ASC-Mediated Effects on Cancer Formation and Progressionâ€”ASCs: Safety Hazard or Harmless Source of Tropism?. <i>Stem Cells Translational Medicine</i> , 2022, 11, 394-406.	1.6	10
11267	Stalling SARS-CoV2 infection with stem cells: can regenerating perinatal tissue mesenchymal stem cells offer a multi-tiered therapeutic approach to COVID-19?. <i>Placenta</i> , 2022, 117, 161-168.	0.7	3
11268	Three-dimensional cell culture (3DCC) improves secretion of signaling molecules of mesenchymal stem cells (MSCs). <i>Biotechnology Letters</i> , 2022, 44, 143-155.	1.1	6
11269	Safety and preliminary efficacy of allogeneic bone marrow-derived multipotent mesenchymal stromal cells for systemic sclerosis: a single-centre, open-label, dose-escalation, proof-of-concept, phase 1/2 study. <i>Lancet Rheumatology</i> , The, 2022, 4, e91-e104.	2.2	14
11270	Dental Pulp Stem Cell Heterogeneity: Finding Superior Quality â€œNeedlesâ€”in a Dental Pulpal â€œHaystackâ€” for Regenerative Medicine-Based Applications. <i>Stem Cells International</i> , 2022, 2022, 1-20.	1.2	13
11271	Robust In Vitro and In Vivo Immunosuppressive and Anti-inflammatory Properties of Inducible Caspase-9-mediated Apoptotic Mesenchymal Stromal/Stem Cell. <i>Stem Cells Translational Medicine</i> , 2022, 11, 88-96.	1.6	4
11272	Bone Marrow Mesenchymal Stromal Cells: Identification, Classification, and Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 787118.	1.8	40
11273	Hypes and Hopes of Stem Cell Therapies in Dentistry: a Review. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1294-1308.	1.7	11
11274	Optimization of human umbilical cord blood-derived mesenchymal stem cell isolation and culture methods in serum- and xeno-free conditions. <i>Stem Cell Research and Therapy</i> , 2022, 13, 15.	2.4	15

#	ARTICLE	IF	CITATIONS
11275	The osteogenic effects of porous Tantalum and Titanium alloy scaffolds with different unit cell structure. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 210, 112229.	2.5	24
11276	Practical considerations in transforming MSC therapy for neurological diseases from cell to EV. <i>Experimental Neurology</i> , 2022, 349, 113953.	2.0	9
11277	Phenotypic and functional properties of dedifferentiated fat cells derived from infrapatellar fat pad. <i>Regenerative Therapy</i> , 2022, 19, 35-46.	1.4	5
11278	Yields of mesenchymal stromal cells from synovial fluid reflect those from synovium in patients with rheumatoid arthritis. <i>Tissue and Cell</i> , 2022, 75, 101727.	1.0	3
11279	Enzymatically functionalized RGD-gelatin scaffolds that recruit host mesenchymal stem cells in vivo and promote bone regeneration. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 377-391.	5.0	9
11280	Allogeneic adipose-derived mesenchymal stromal cell transplantation for refractory lupus nephritis: Results of a phase I clinical trial. <i>Current Research in Translational Medicine</i> , 2022, 70, 103324.	1.2	8
11281	18 Mesenchymal stem cells as a carrier for tumor-targeting therapeutics. , 2013, , 353-380.		1
11282	Comparative Study of Expansion and Proliferation of Adult Mice Mesenchymal Stem Cells Derived from Bone Marrow and Adipose Tissue. <i>Journal of Biotechnology Research Center</i> , 2021, 10, 39-46.	0.1	0
11283	Role of Stem Cells in Autistic Spectrum Disorder (ASD); Can it Change the Future?. <i>International Journal of Science and Research Methodology</i> , 2020, 16, 78-106.	0.0	0
11284	Adipose Stem Cell Effect on Renal Oxidative Stress in Chronic Nephropathy Rat Model. <i>Suez Canal University Medical Journal</i> , 2020, 23, 201-213.	0.0	0
11285	Cell regeneration medicine in case of salih myopathy and hypoxic encephalopathyhy. <i>International Journal of Pregnancy & Child Birth</i> , 2020, 6, 133-135.	0.0	0
11286	Fibulin 5, a human Wharton's jelly-derived mesenchymal stem cells-secreted paracrine factor, attenuates peripheral nervous system myelination defects through the Integrin-RAC1 signaling axis. <i>Stem Cells</i> , 2020, 38, 1578-1593.	1.4	9
11287	Expression and role of fibroblast activation protein $\hat{\pm}$ in acute myeloid leukemia. <i>Oncology Reports</i> , 2020, 45, 641-651.	1.2	7
11288	Hemovac blood after total knee arthroplasty as a source of stem cells. <i>Annals of Translational Medicine</i> , 2020, 8, 1406-1406.	0.7	1
11289	Perspectives on Stem Cell-Based Regenerative Medicine with a Particular Emphasis on Mesenchymal Stem Cell Therapy. <i>JMA Journal</i> , 2021, 5, 36-43.	0.6	7
11290	The therapeutic potential of MSC-EVs as a bioactive material for wound healing. <i>Engineered Regeneration</i> , 2021, 2, 182-194.	3.0	15
11291	Facilitation of mouse skin-derived precursor growth and yield by optimizing plating density. <i>Open Life Sciences</i> , 2021, 16, 1293-1302.	0.6	1
11292	A Simple Method to Produce Engineered Cartilage from Human Adipose-Derived Mesenchymal Stem Cells and Poly $\hat{\mu}$ -Caprolactone Scaffolds. <i>Advances in Experimental Medicine and Biology</i> , 2021, , .	0.8	2

#	ARTICLE	IF	CITATIONS
11293	Culture and Differentiation of Human Umbilical Cord-Derived Mesenchymal Stem Cells on Growth Factor-Rich Fibrin Scaffolds to Produce Engineered Cartilages. <i>Advances in Experimental Medicine and Biology</i> , 2021, , .	0.8	2
11294	Mesenchymal Stem Cell Therapy for Osteoarthritis: Practice and Possible Promises. <i>Advances in Experimental Medicine and Biology</i> , 2021, , 107-125.	0.8	4
11295	Preventive Vaccination with Mesenchymal Stem Cells Protects Mice from Lethal Infection Caused by Herpes Simplex Virus 1. <i>Molecular Biology</i> , 2021, 55, 413-423.	0.4	2
11296	miR-351-3p Promotes Rat Amniotic Fluid-Derived Mesenchymal Stromal Cell Proliferation via Targeting the Coding Sequence of Abca4. <i>Stem Cells</i> , 2021, 39, 1192-1206.	1.4	3
11297	Implantation of stem cells on synthetic or biological scaffolds: an overview of bone regeneration. <i>Biotechnology and Genetic Engineering Reviews</i> , 2021, 37, 238-268.	2.4	15
11298	Human umbilical cord mesenchymal stem cells express cholinergic neuron markers during co-culture with amniotic membrane cells and retinoic acid induction. <i>Medical Journal of the Islamic Republic of Iran</i> , 2021, 35, 129.	0.9	3
11299	Dedifferentiation of Human Adipocytes After Fat Transplantation. <i>Aesthetic Surgery Journal</i> , 2022, 42, NP423-NP431.	0.9	6
11300	Conditioned Medium from Bone Marrow Mesenchymal Stem Cells Restored Oxidative Stress-Related Impaired Osteogenic Differentiation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13458.	1.8	12
11301	Phenotypic, trophic, and regenerative properties of mesenchymal stem cells from different osseous tissues. <i>Cell and Tissue Research</i> , 2022, , 1.	1.5	4
11302	BMP-2 Delivery through Liposomes in Bone Regeneration. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1373.	1.3	9
11303	Therapeutic Mesenchymal Stem/Stromal Cells: Value, Challenges and Optimization. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 716853.	1.8	28
11304	Culture Condition of Bone Marrow Stromal Cells Affects Quantity and Quality of the Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1017.	1.8	5
11305	Mesenchymal Stem Cell-Derived Exosomes as a Novel Strategy for the Treatment of Intervertebral Disc Degeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 770510.	1.8	6
11306	Whartonâ€™s jellyâ€™derived stromal cells and their cell therapy applications in allogeneic haematopoietic stem cell transplantation. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1339-1350.	1.6	11
11307	Megakaryocyteâ€™stromal cell interactions: Effect on megakaryocyte proliferation, proplatelet production, and survival. <i>Experimental Hematology</i> , 2022, 107, 24-37.	0.2	3
11308	The clinical potential of articular cartilage-derived progenitor cells: a systematic review. <i>Npj Regenerative Medicine</i> , 2022, 7, 2.	2.5	24
11309	Adipose Stem Cell-Based Treatments for Wound Healing. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 821652.	1.8	11
11310	Single-Cell RNA Profiling of Human Skin Reveals Age-Related Loss of Dermal Sheath Cells and Their Contribution to a Juvenile Phenotype. <i>Frontiers in Genetics</i> , 2021, 12, 797747.	1.1	14

#	ARTICLE	IF	CITATIONS
11311	Mesenchymal Stromal Cells: a Possible Reservoir for HIV-1?. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1253.	1.7	8
11312	Site-Specific Integration of <i>TRAIL</i> in iPSC-Derived Mesenchymal Stem Cells for Targeted Cancer Therapy. <i>Stem Cells Translational Medicine</i> , 2022, 11, 297-309.	1.6	16
11313	Stem Cell and Exosome Therapy in Pulmonary Hypertension. <i>Korean Circulation Journal</i> , 2022, 52, 110.	0.7	10
11314	Non-viral siRNA transfection of primary mesenchymal stromal cells (MSCs): Assessment of tyrosine-modified PEI and PPI efficacy and biocompatibility. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121359.	2.6	3
11315	The Role of N6-Methyladenosine (m6A) Methylation Modifications in Hematological Malignancies. <i>Cancers</i> , 2022, 14, 332.	1.7	12
11316	Pulmonary Mesenchymal Stem Cells in Mild Cases of COVID-19 Are Dedicated to Proliferation; In Severe Cases, They Control Inflammation, Make Cell Dispersion, and Tissue Regeneration. <i>Frontiers in Immunology</i> , 2021, 12, 780900.	2.2	8
11317	Use of Adipose Stem Cells Against Hypertrophic Scarring or Keloid. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 823694.	1.8	10
11318	Exosomes in Pathogenesis, Diagnosis, and Treatment of Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 793432.	1.3	13
11319	Mesenchymal Stem Cells in the Treatment of Human Spinal Cord Injury: The Effect on Individual Values of pNF-H, GFAP, S100 Proteins and Selected Growth Factors, Cytokines and Chemokines. <i>Current Issues in Molecular Biology</i> , 2022, 44, 578-596.	1.0	3
11320	Hyaline cartilage differentiation of fibroblasts in regeneration and regenerative medicine. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	9
11321	Neural Differentiation of Human Dental Mesenchymal Stem Cells Induced by ATRA and UDP-4: A Comparative Study. <i>Biomolecules</i> , 2022, 12, 218.	1.8	6
11322	Bioengineering Human Cartilageâ€œBone Tissues for Modeling of Osteoarthritis. <i>Stem Cells and Development</i> , 2022, 31, 399-405.	1.1	3
11323	Urine-Derived Stem Cells for Regenerative Medicine: Basic Biology, Applications, and Challenges. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 978-994.	2.5	9
11324	Endometrial Stem/Progenitor Cellsâ€œTheir Role in Endometrial Repair and Regeneration. <i>Frontiers in Reproductive Health</i> , 2022, 3, .	0.6	14
11325	State of the Art: The Immunomodulatory Role of MSCs for Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1618.	1.8	29
11326	State of the art of bone biomaterials and their interactions with stem cells: Current state and future directions. <i>Biotechnology Journal</i> , 2022, 17, e2100074.	1.8	3
11327	Normal ex vivo mesenchymal stem cell function combined with abnormal immune profiles sets the stage for informative cell therapy trials in idiopathic pulmonary fibrosis patients. <i>Stem Cell Research and Therapy</i> , 2022, 13, 45.	2.4	1
11328	The role of mesenchymal stem cells in the treatment of osteochondral lesions and osteoarthritis of the ankle. <i>Minerva Orthopedics</i> , 2022, 72, .	0.1	2

#	ARTICLE	IF	CITATIONS
11329	Stem cells in tendon regeneration and factors governing tenogenesis. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, .	0.6	1
11330	Characterization of mesenchymal stem cells isolated from Wharton's jelly of the human umbilical cord. <i>Egyptian Liver Journal</i> , 2022, 12, .	0.3	2
11331	Histone deacetylase inhibitors attenuated interleukin-1 β -induced chondrogenesis inhibition in synovium-derived mesenchymal stem cells of the temporomandibular joint. <i>Bone and Joint Research</i> , 2022, 11, 40-48.	1.3	3
11332	Mesenchymal stem cell (MSC)-derived exosomes as novel vehicles for delivery of miRNAs in cancer therapy. <i>Cancer Gene Therapy</i> , 2022, 29, 1105-1116.	2.2	36
11333	Scrapie-Responsive Gene 1 Promotes Chondrogenic Differentiation of Umbilical Cord Mesenchymal Stem Cells via Wnt5a. <i>Stem Cells International</i> , 2022, 2022, 1-15.	1.2	2
11334	The opportunity of stem cells application in kidney transplantation: clinical studies (review). <i>PoÅki</i> , 2021, 10, 229-236.	0.1	1
11335	Human Hair Follicle-Derived Mesenchymal Stromal Cells from the Lower Dermal Sheath as a Competitive Alternative for Immunomodulation. <i>Biomedicines</i> , 2022, 10, 253.	1.4	7
11336	Stem cells from human exfoliated deciduous teeth (SHED) have mitochondrial transfer ability in stromal-derived inducing activity (SDIA) co-culture system. <i>Neuroscience Letters</i> , 2022, 769, 136392.	1.0	0
11337	Study on the Umbilical Cord-Mesenchymal Stem Cell Manufacturing Using Clinical-Grade Culture Medium. <i>Tissue Engineering - Part C: Methods</i> , 2022, 28, 23-33.	1.1	2
11338	Wnt/ β -Catenin Participates in the Repair of Acute Respiratory Distress Syndrome-Associated Early Pulmonary Fibrosis via Mesenchymal Stem Cell Microvesicles. <i>Drug Design, Development and Therapy</i> , 2022, Volume 16, 237-247.	2.0	5
11339	MSCs in Space: Mesenchymal Stromal Cell Therapeutics as Enabling Technology for Long-Distance Manned Space Travel. <i>Current Stem Cell Reports</i> , 2022, 8, 1-13.	0.7	6
11340	Mesenchymal Stem Cell-Based Therapy as a New Approach for the Treatment of Systemic Sclerosis. <i>Clinical Reviews in Allergy and Immunology</i> , 2022, , 1.	2.9	15
11341	Nuclear magnetic resonance footprint of Wharton Jelly mesenchymal stem cells death mechanisms and distinctive in-cell biophysical properties in vitro. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1501-1514.	1.6	6
11342	Overexpression of miR-200b-3p in Menstrual Blood-Derived Mesenchymal Stem Cells from Endometriosis Women. <i>Reproductive Sciences</i> , 2022, 29, 734-742.	1.1	7
11343	Research progress of the application of mesenchymal stem cells in chronic inflammatory systemic diseases. <i>Stem Cell Research and Therapy</i> , 2022, 13, 1.	2.4	59
11344	Synovial membrane mesenchymal stem cells for cartilaginous tissues repair. <i>Molecular Biology Reports</i> , 2022, 49, 2503-2517.	1.0	3
11345	Molecular changes in adipocyte-derived stem cells during their interplay with cervical cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2022, 45, 85-101.	2.1	6
11346	A comparative study of pathogen inactivation technologies in human platelet lysate and its optimal efficiency in human placenta-derived stem cells culture. <i>Journal of Virological Methods</i> , 2022, 302, 114478.	1.0	1

#	ARTICLE	IF	CITATIONS
11347	A Review of Antimicrobial Activity of Dental Mesenchymal Stromal Cells: Is There Any Potential?. <i>Frontiers in Oral Health</i> , 2021, 2, 832976.	1.2	5
11348	The roles and therapeutic approaches of MSC-derived exosomes in colorectal cancer. <i>Clinical and Translational Oncology</i> , 2022, 24, 959-967.	1.2	7
11349	Neuroprotection and gliosis attenuation by intravenous application of human mesenchymal stem cells (hMSC) following ventral root crush in mice. <i>Molecular and Cellular Neurosciences</i> , 2022, 118, 103694.	1.0	1
11350	Sources, Characteristics, and Therapeutic Applications of Mesenchymal Cells in Tissue Engineering. <i>Tissue Engineering and Regenerative Medicine</i> , 2022, 19, 325-361.	1.6	16
11351	Conventional and Recent Trends of Scaffolds Fabrication: A Superior Mode for Tissue Engineering. <i>Pharmaceutics</i> , 2022, 14, 306.	2.0	37
11352	An Optimized Method for Adipose Stromal Vascular Fraction Isolation and its Application in Fat Grafting. <i>Aesthetic Plastic Surgery</i> , 2022, 46, 2500-2508.	0.5	5
11353	Mesenchymal Stem Cell Therapy in Diabetic Cardiomyopathy. <i>Cells</i> , 2022, 11, 240.	1.8	11
11354	Umbilical Cord-derived Mesenchymal Stem Cells with Surfactant Protein B Alleviates Inflammatory Response in Acute Respiratory Distress Syndrome by Regulating Macrophage Polarization. <i>Balkan Medical Journal</i> , 2022, 39, 130-139.	0.3	3
11355	Protective Effect of Mesenchymal Stem Cells on Isolated Islets Survival and Against Hypoxia Associated With the HIF-1 α /PFKFB3 Pathway. <i>Cell Transplantation</i> , 2022, 31, 096368972110731.	1.2	3
11356	Epigenetic regulation by long noncoding RNAs in osteo/adipogenic differentiation of mesenchymal stromal cells and degenerative bone diseases. <i>World Journal of Stem Cells</i> , 2022, 14, 92-103.	1.3	7
11357	Effective Label-Free Sorting of Multipotent Mesenchymal Stem Cells from Clinical Bone Marrow Samples. <i>Bioengineering</i> , 2022, 9, 49.	1.6	8
11358	Research applications of induced pluripotent stem cells for treatment and modeling of spinal cord injury. , 2022, , 245-268.		0
11359	Effect of intrabronchial administration of autologous adipose-derived mesenchymal stem cells on severe equine asthma. <i>Stem Cell Research and Therapy</i> , 2022, 13, 23.	2.4	7
11360	Mesenchymal Stem Cells From Mouse Hair Follicles Reduce Hypertrophic Scarring in a Murine Wound Healing Model. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2028-2044.	1.7	11
11361	Dental tissue engineering. , 2022, , 493-529.		1
11362	Therapeutic Potential of Human Fetal Mesenchymal Stem Cells in Musculoskeletal Disorders: A Narrative Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1439.	1.8	4
11363	A critical review of <i>in vitro</i> research methodologies used to study mineralization in human dental pulp cell cultures. <i>International Endodontic Journal</i> , 2022, 55, 3-13.	2.3	15
11364	Mesenchymal Stem/Stromal Cell Senescence: Hallmarks, Mechanisms, and Combating Strategies. <i>Stem Cells Translational Medicine</i> , 2022, 11, 356-371.	1.6	62

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11365	Fully Synthetic 3D Fibrous Scaffolds for Stromal Tissuesâ€”Replacement of Animalâ€”Derived Scaffold Materials Demonstrated by Multilayered Skin. <i>Advanced Materials</i> , 2022, 34, e2106780.	11.1	9
11366	Switching Roles: Beneficial Effects of Adipose Tissue-Derived Mesenchymal Stem Cells on Microglia and Their Implication in Neurodegenerative Diseases. <i>Biomolecules</i> , 2022, 12, 219.	1.8	5
11367	Decellularization and Recellularization Methods for Avian Lungs: An Alternative Approach for Use in Pulmonary Therapeutics. <i>Methods in Molecular Biology</i> , 2022, 2394, 617-649.	0.4	1
11368	Sa12b Improves Biological Activity of Human Degenerative Nucleus Pulposus Mesenchymal Stem Cells in a Severe Acid Environment by Inhibiting Acid-Sensitive Ion Channels. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 816362.	2.0	4
11369	The versatility of mesenchymal stem cells: From regenerative medicine to COVID, what is next?. <i>Biocell</i> , 2022, 46, 913-922.	0.4	5
11370	Direct comparison of different therapeutic cell types susceptibility to inflammatory cytokines associated with COVID-19 acute lung injury. <i>Stem Cell Research and Therapy</i> , 2022, 13, 20.	2.4	7
11371	Endothelial Cells Promote Osteogenesis by Establishing a Functional and Metabolic Coupling With Human Mesenchymal Stem Cells. <i>Frontiers in Physiology</i> , 2021, 12, 813547.	1.3	3
11372	MSC Pretreatment for Improved Transplantation Viability Results in Improved Ventricular Function in Infarcted Hearts. <i>International Journal of Molecular Sciences</i> , 2022, 23, 694.	1.8	2
11373	A Comprehensive Review of the Therapeutic Value of Urine-Derived Stem Cells. <i>Frontiers in Genetics</i> , 2021, 12, 781597.	1.1	6
11374	Human Mesenchymal Stem/Stromal Cells in Immune Regulation and Therapy. <i>Stem Cells Translational Medicine</i> , 2022, 11, 114-134.	1.6	20
11375	Biodegradable Poly- μ -Caprolactone Scaffolds with ECFCs and iMSCs for Tissue-Engineered Heart Valves. <i>International Journal of Molecular Sciences</i> , 2022, 23, 527.	1.8	9
11376	Using adiposeâ€”derived mesenchymal stem cells to fight the metabolic complications of obesity: Where do we stand?. <i>Obesity Reviews</i> , 2022, 23, .	3.1	20
11377	Rheumatoid arthritis: From synovium biology to cell-based therapy. <i>Cytotherapy</i> , 2022, 24, 365-375.	0.3	12
11378	Modified mesenchymal stem cells in cancer therapy: A smart weapon requiring upgrades for wider clinical applications. <i>World Journal of Stem Cells</i> , 2022, 14, 54-75.	1.3	14
11379	Mesenchymal Stem/Stromal Cells and Hydrogel Scaffolds for Tissue Engineering. , 0, , .		0
11380	Influence of age on stem cells depends on the sex of the bone marrow donor. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1594-1605.	1.6	13
11381	Induction of PLXNA4 Gene during Neural Differentiation in Human Umbilical-Cord-Derived Mesenchymal Stem Cells by Low-Intensity Sub-Sonic Vibration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1522.	1.8	2
11382	The immunomodulation of osteoblasts and chondroblasts differentiated from programmed death-ligand 1-positive mesenchymal stem cells. <i>Minerva Biotechnology and Biomolecular Research</i> , 2022, 33, .	0.3	0

#	ARTICLE	IF	CITATIONS
11383	MSC therapy in livestock models. <i>Translational Animal Science</i> , 2022, 6, txac012.	0.4	4
11384	Insight into generation of induced mesenchymal stem cells from induced pluripotent cells. <i>World Journal of Stem Cells</i> , 2022, 14, 142-145.	1.3	0
11385	Stem cell therapy applied for digestive anastomosis: Current state and future perspectives. <i>World Journal of Stem Cells</i> , 2022, 14, 117-141.	1.3	3
11387	Review: Neuronal Differentiation Protocols of Mesenchymal Stem Cells. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2022, 13, 15-71.	0.3	6
11388	Extracellular Vesicles of Mesenchymal Stromal Cells Can be Taken Up by Microglial Cells and Partially Prevent the Stimulation Induced by β -amyloid. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1113-1126.	1.7	13
11389	Endometrial Regenerative Cell-Derived Conditioned Medium Alleviates Experimental Colitis. <i>Stem Cells International</i> , 2022, 2022, 1-13.	1.2	3
11390	Sustained release of naringin from silk-fibroin-nanohydroxyapatite scaffold for the enhancement of bone regeneration. <i>Materials Today Bio</i> , 2022, 13, 100206.	2.6	19
11391	Single-cell Transcriptomic Analysis Reveals the Cellular Heterogeneity of Mesenchymal Stem Cells. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 70-86.	3.0	27
11392	Tissue Engineering and Cell Therapy for Cartilage Repair: Preclinical Evaluation Methods. <i>Tissue Engineering - Part C: Methods</i> , 2022, 28, 73-82.	1.1	4
11393	Combination of ultra-purified stem cells with an in situ-forming bioresorbable gel enhances intervertebral disc regeneration. <i>EBioMedicine</i> , 2022, 76, 103845.	2.7	12
11394	Adipose-Derived Stem Cells from Type 2 Diabetic Rats Retain Positive Effects in a Rat Model of Erectile Dysfunction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1692.	1.8	8
11395	Upregulation of CD14 in mesenchymal stromal cells accelerates lipopolysaccharide-induced response and enhances antibacterial properties. <i>IScience</i> , 2022, 25, 103759.	1.9	5
11396	The effect of polycaprolactone/graphene oxide electrospun scaffolds on the neurogenic behavior of adipose stem cells. <i>European Polymer Journal</i> , 2022, 165, 111000.	2.6	11
11397	Extracellular vesicle and soluble fractions of adipose tissue-derived mesenchymal stem cells secretome induce inflammatory cytokines modulation in an in vitro model of discogenic pain. <i>Spine Journal</i> , 2022, 22, 1222-1234.	0.6	12
11398	Update on the effects of energy metabolism in bone marrow mesenchymal stem cells differentiation. <i>Molecular Metabolism</i> , 2022, 58, 101450.	3.0	25
11399	Noncoding RNAs from tissue-derived small extracellular vesicles: Roles in diabetes and diabetic complications. <i>Molecular Metabolism</i> , 2022, 58, 101453.	3.0	12
11400	Resistance to H ₂ O ₂ -induced oxidative stress in human cells of different phenotypes. <i>Redox Biology</i> , 2022, 50, 102245.	3.9	14
11401	The fate of human SUSD2+ endometrial mesenchymal stem cells during decidualization. <i>Stem Cell Research</i> , 2022, 60, 102671.	0.3	5

#	ARTICLE	IF	CITATIONS
11402	Infiltration of the Hoffa's fat pad with stromal vascular fraction in patients with osteoarthritis of the knee -Results after one year of follow-up-. Bone Reports, 2022, 16, 101168.	0.2	7
11403	Sources and Therapeutic Strategies of Mesenchymal Stem Cells in Regenerative Medicine. , 2022, , 1-28.		16
11404	Isolation and characterization mesenchymal stem cells from red panda (<i>Ailurus fulgens styani</i>) endometrium. , 2022, 10, coac004.		4
11405	Precise tissue bioengineering and niches of mesenchymal stem cells: Their size and hierarchy matter. Biocell, 2022, 46, 1365-1373.	0.4	1
11406	Advances, Opportunities, and Challenges in Stem Cell-Based Therapy. , 2022, , 1-25.		1
11407	Alzheimer's Disease: From Pathogenesis to Mesenchymal Stem Cell Therapy – Bridging the Missing Link. Frontiers in Cellular Neuroscience, 2021, 15, 811852.	1.8	11
11408	Leveraging interacting signaling pathways to robustly improve the quality and yield of human pluripotent stem cell-derived hepatoblasts and hepatocytes. Stem Cell Reports, 2022, 17, 584-598.	2.3	13
11409	Bioactive Scaffolds Based on Amine-Functionalized Gellan Gum for the Osteogenic Differentiation of Gingival Mesenchymal Stem Cells. ACS Applied Polymer Materials, 2022, 4, 1805-1815.	2.0	1
11410	Ibuprofen in Therapeutic Concentrations Affects the Secretion of Human Bone Marrow Mesenchymal Stromal Cells, but Not Their Proliferative and Migratory Capacity. Biomolecules, 2022, 12, 287.	1.8	5
11411	A Novel Xeno-Free Method to Isolate Human Endometrial Mesenchymal Stromal Cells (E-MSCs) in Good Manufacturing Practice (GMP) Conditions. International Journal of Molecular Sciences, 2022, 23, 1931.	1.8	0
11412	Cardiac regeneration following myocardial infarction: the need for regeneration and a review of cardiac stromal cell populations used for transplantation. Biochemical Society Transactions, 2022, , .	1.6	8
11413	Genetically engineered mesenchymal stromal cells as a new trend for treatment of severe acute graft-versus-host disease. Clinical and Experimental Immunology, 2022, 208, 12-24.	1.1	3
11414	Superoxide dismutase and catalase significantly improve the osteogenic differentiation potential of osteogenetically compromised human adipose tissue-derived stromal cells in vitro. Stem Cell Research, 2022, 60, 102708.	0.3	4
11415	Infrapatellar fat pad adipose-derived stem cells co-cultured with articular chondrocytes from osteoarthritis patients exhibit increased chondrogenic gene expression. Cell Communication and Signaling, 2022, 20, 17.	2.7	6
11416	The Study on the Regulation of Th Cells by Mesenchymal Stem Cells Through the JAK-STAT Signaling Pathway to Protect Naturally Aged Sepsis Model Rats. Frontiers in Immunology, 2022, 13, 820685.	2.2	11
11417	The horizon of bone organoid: A perspective on construction and application. Bioactive Materials, 2022, 18, 15-25.	8.6	78
11418	Valproic Acid-Induced CCN1 Promotes Osteogenic Differentiation by Increasing CCN1 Protein Stability through HDAC1 Inhibition in Tonsil-Derived Mesenchymal Stem Cells. Cells, 2022, 11, 534.	1.8	10
11419	Mesenchymal Stem/Stromal Cells and Their Paracrine Activity – Immunomodulation Mechanisms and How to Influence the Therapeutic Potential. Pharmaceutics, 2022, 14, 381.	2.0	46

#	ARTICLE	IF	CITATIONS
11420	Osteogenic differentiation of mesenchymal stem cells promotes c-Jun-dependent secretion of interleukin 8 and mediates the migration and differentiation of CD4+ T cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, 58.	2.4	12
11421	Multipotent Mesenchymal Stromal Cells Interact and Support Islet of Langerhans Viability and Function. <i>Frontiers in Endocrinology</i> , 2022, 13, 822191.	1.5	6
11422	Smad4 and β -secretase knock-down effect on osteogenic differentiation mediated via Runx2 in canine mesenchymal stem cells. <i>Research in Veterinary Science</i> , 2022, 145, 116-124.	0.9	1
11423	Intravenous infusion of small umbilical cord mesenchymal stem cells could enhance safety and delay retinal degeneration in RCS rats. <i>BMC Ophthalmology</i> , 2022, 22, 67.	0.6	5
11424	Vasculogenic Potency of Bone Marrow- and Adipose Tissue-Derived Mesenchymal Stem/Stromal Cells Results in Differing Vascular Network Phenotypes in a Microfluidic Chip. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 764237.	2.0	11
11425	Chloride intracellular channel 1 activity is not required for glioblastoma development but its inhibition dictates glioma stem cell responsivity to novel biguanide derivatives. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 53.	3.5	15
11427	Meniscus Regeneration With Multipotent Stromal Cell Therapies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 796408.	2.0	5
11428	Bio-fabrication of stem-cell-incorporated corneal epithelial and stromal equivalents from silk fibroin and gelatin-based biomaterial for canine corneal regeneration. <i>PLoS ONE</i> , 2022, 17, e0263141.	1.1	3
11429	The promising role of autologous and allogeneic mesenchymal stromal cells in managing knee osteoarthritis. What is beyond Mesenchymal stromal cells?. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2022, 26, 101804.	0.6	3
11430	Quinagolide Treatment Reduces Invasive and Angiogenic Properties of Endometrial Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1775.	1.8	3
11432	BMP-2 and asporin expression regulate 5-aza-dC-mediated osteoblast/cementoblast differentiation of periodontal dental ligament mesenchymal progenitor cells. <i>Differentiation</i> , 2022, 124, 17-27.	1.0	5
11433	Culture and characterization of various porcine integumentary-connective tissue-derived mesenchymal stromal cells to facilitate tissue adhesion to percutaneous metal implants. <i>Stem Cell Research and Therapy</i> , 2021, 12, 604.	2.4	1
11434	Effect of Hydroxyapatite Microspheres, Amoxicillin-“Hydroxyapatite and Collagen”-Hydroxyapatite Composites on Human Dental Pulp-Derived Mesenchymal Stem Cells. <i>Materials</i> , 2021, 14, 7515.	1.3	5
11435	Dental mesenchymal stromal/stem cells in different microenvironments” implications in regenerative therapy. <i>World Journal of Stem Cells</i> , 2021, 13, 1863-1880.	1.3	4
11437	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). <i>European Journal of Immunology</i> , 2021, 51, 2708-3145.	1.6	198
11440	Antimicrobial and Regenerative Effects of Placental Multipotent Mesenchymal Stromal Cell Secretome-Based Chitosan Gel on Infected Burns in Rats. <i>Pharmaceuticals</i> , 2021, 14, 1263.	1.7	12
11442	Process Design for Human Mesenchymal Stem Cell Products in Stirred-Tank Bioreactors. <i>Cell Engineering</i> , 2021, , 307-333.	0.4	2
11446	Translational perspective. , 2022, , 537-573.		0

#	ARTICLE	IF	CITATIONS
11447	Articulation inspired by nature: a review of biomimetic and biologically active 3D printed scaffolds for cartilage tissue engineering. <i>Biomaterials Science</i> , 2022, 10, 2462-2483.	2.6	19
11448	Regenerative Medicine Application of Mesenchymal Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 25-42.	0.8	1
11450	Toll-Like Receptor 3. , 2022, , 1-24.		2
11451	Regenerative Medicine Applied to the Treatment of Musculoskeletal Pathologies. , 2022, , 1-36.		0
11452	Mesenchymal Stem Cell (MSCs) Therapy for Ischemic Heart Disease: A Promising Frontier. <i>Global Heart</i> , 2022, 17, 19.	0.9	16
11453	Stromal Vascular Fraction and Mesenchymal Stem Cells from Human Adipose Tissue: A Comparison of Immune Modulation and Angiogenic Potential. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 47-61.	0.8	2
11454	Umbilical Cord-Derived Mesenchymal Stem Cells Improve TGF- β and α -SMA and Collagen on Erectile Dysfunction in Streptozotocin-Induced Diabetic Rats. <i>Medicinski Arhiv = Medical Archives = Archives De Médecine</i> , 2022, 76, 4.	0.4	5
11455	Optimal Delivery Route of Mesenchymal Stem Cells for Cardiac Repair: The Path to Good Clinical Practice. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 1.	0.8	1
11456	Menstrual Blood-Derived Mesenchymal Stromal Cells as a Resource for Regenerative Medicine. <i>Biology Bulletin Reviews</i> , 2022, 12, 41-48.	0.3	1
11457	Amniotic Membrane: A Unique Combination of Stem-Like Cells, Extracellular Matrix with Indispensable Potential for Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2022, , 289-323.	0.1	1
11458	Mesenchymal stem cells surpass the capacity of bone marrow aspirate concentrate for periodontal regeneration. <i>Journal of Applied Oral Science</i> , 2022, 30, e20210359.	0.7	3
11462	The Long-Term Efficacy Study of Multiple Allogeneic Canine Adipose Tissue-Derived Mesenchymal Stem Cells Transplantations Combined With Surgery in Four Dogs With Lumbosacral Spinal Cord Injury. <i>Cell Transplantation</i> , 2022, 31, 096368972210814.	1.2	5
11463	Mesenchymal Stem Cells. , 2022, , 1-37.		24
11465	Production and Application of Mesenchymal Stem Cell Spheroids for Cartilage and Bone Regeneration. <i>Pancreatic Islet Biology</i> , 2022, , 137-153.	0.1	1
11466	Update on the role of extracellular vesicles in rheumatoid arthritis. <i>Expert Reviews in Molecular Medicine</i> , 2022, 24, e12.	1.6	14
11468	Recent Advances in Cell Therapeutics for Systemic Autoimmune Diseases. <i>Immune Network</i> , 2022, 22, e10.	1.6	9
11469	Stem Cell Therapies for Human Infertility: Advantages and Challenges. <i>Cell Transplantation</i> , 2022, 31, 096368972210832.	1.2	9
11470	Stem Cell Therapy: Significance and Applications of Stem Cell Products in Tissue Engineering and Regenerative Medicine. , 2022, , 1-21.		0

#	ARTICLE	IF	CITATIONS
11472	Development of a decellularized hypopharynx with vascular pedicle scaffold for use in reconstructing hypopharynx. <i>Artificial Organs</i> , 2022, 46, 1268-1280.	1.0	1
11473	Vitamin D3 Stimulates Proliferation Capacity, Expression of Pluripotency Markers, and Osteogenesis of Human Bone Marrow Mesenchymal Stromal/Stem Cells, Partly through SIRT1 Signaling. <i>Biomolecules</i> , 2022, 12, 323.	1.8	15
11474	Cellular and Humoral Immunogenicity Investigation of Single and Repeated Allogeneic Tenogenic Primed Mesenchymal Stem Cell Treatments in Horses Suffering From Tendon Injuries. <i>Frontiers in Veterinary Science</i> , 2021, 8, 789293.	0.9	5
11475	Efficacy of Arthroscopic Shavers for the Retrieval and Processing of Connective Tissue Progenitor Cells from Subacromial Bursal Tissue. <i>Journal of Clinical Medicine</i> , 2022, 11, 1272.	1.0	0
11476	Human Mesenchymal Stem Cells as a Carrier for a Cell-Mediated Drug Delivery. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 796111.	2.0	14
11477	Treatment of Chronic Kidney Disease with Extracellular Vesicles from Mesenchymal Stem Cells and CD133+ Expanded Cells: A Comparative Preclinical Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2521.	1.8	9
11478	Mesenchymal Stem Cells Exposed to Persistently High Glucocorticoid Levels Develop Insulin-Resistance and Altered Lipolysis: A Promising In Vitro Model to Study Cushing's Syndrome. <i>Frontiers in Endocrinology</i> , 2022, 13, 816229.	1.5	4
11479	Rescuing SLAMF3 Expression Restores Sorafenib Response in Hepatocellular Carcinoma Cells through the Induction of Mesenchymal-to-Epithelial Transition. <i>Cancers</i> , 2022, 14, 910.	1.7	5
11480	The role of mesenchymal stem cells in liver injury. <i>Cell Biology International</i> , 2022, 46, 501-511.	1.4	9
11481	Mesenchymal Stromal Cells Preconditioning: A New Strategy to Improve Neuroprotective Properties. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2088.	1.8	4
11482	Recent Advances in Enhancement Strategies for Osteogenic Differentiation of Mesenchymal Stem Cells in Bone Tissue Engineering. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 824812.	1.8	14
11483	Examination of the Quality of Particulate and Filtered Mandibular Bone Chips for Oral Implants: An In Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2031.	1.3	2
11484	The Role of Synovial Membrane in the Development of a Potential In Vitro Model of Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2475.	1.8	1
11485	The HIF 1α -Stabilizing Drug Roxadustat Increases the Number of Renal Epo-Producing Sca-1+ Cells. <i>Cells</i> , 2022, 11, 753.	1.8	3
11486	Strontium Functionalization of Biomaterials for Bone Tissue Engineering Purposes: A Biological Point of View. <i>Materials</i> , 2022, 15, 1724.	1.3	23
11487	Effect of Multiple Sclerosis Cerebrospinal Fluid and Oligodendroglia Cell Line Environment on Human Wharton's Jelly Mesenchymal Stem Cells Secretome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2177.	1.8	1
11488	Stem cells in neonatal diseases: An overview. <i>Seminars in Fetal and Neonatal Medicine</i> , 2022, 27, 101325.	1.1	3
11489	Aberrant DNA methylation impacts HOX genes expression in bone marrow mesenchymal stromal cells of myelodysplastic syndromes and de novo acute myeloid leukemia. <i>Cancer Gene Therapy</i> , 2022, 29, 1263-1275.	2.2	4

#	ARTICLE	IF	CITATIONS
11490	Endogenous Controls for the Evaluation of Osteoarthritis-Related miRNAs in Extracellular Vesicles from Bone-Marrow-Derived Mesenchymal Stromal Cells and the Impact of Osteoarthritis Synovial Fluid. <i>Biomolecules</i> , 2022, 12, 316.	1.8	1
11491	The Active Compound Thymoquinone Alters Chondrogenic Differentiation of Human Mesenchymal Stem Cells via Modulation of Intracellular Signaling. <i>Medeniyet Medical Journal</i> , 2022, 37, 1-12.	0.4	0
11492	Mesenchymal Stem Cells and PRP Therapy Favorize Leak Closure After Sleeve Gastrectomy in Zucker Rats. <i>Obesity Surgery</i> , 2022, 32, 1251-1260.	1.1	2
11493	p53 deficiency promotes bone regeneration by functional regulation of mesenchymal stromal cells and osteoblasts. <i>Journal of Bone and Mineral Metabolism</i> , 2022, 40, 434-447.	1.3	1
11494	Adipose Tissue-Derived Mesenchymal Stem/Stromal Cells and Their Contribution to Angiogenic Processes in Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2425.	1.8	29
11496	Mesenchymal stem cell-based treatments for COVID-19: status and future perspectives for clinical applications. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 142.	2.4	24
11497	Current Development, Obstacle and Futural Direction of Induced Pluripotent Stem Cell and Mesenchymal Stem Cell Treatment in Degenerative Retinal Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2529.	1.8	5
11498	A systematic approach to enhance transparency in mesenchymal stromal cell research. <i>Cytotherapy</i> , 2022, 24, 674-675.	0.3	1
11499	Protein Expression of AEBP1, MCM4, and FABP4 Differentiate Osteogenic, Adipogenic, and Mesenchymal Stromal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2568.	1.8	5
11500	New Perspectives to Improve Mesenchymal Stem Cell Therapies for Drug-Induced Liver Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2669.	1.8	7
11502	CD34+THY1+ synovial fibroblast subset in arthritic joints has high osteoblastic and chondrogenic potentials in vitro. <i>Arthritis Research and Therapy</i> , 2022, 24, 45.	1.6	7
11503	Dichotomy in hypoxia-induced mitochondrial fission in placental mesenchymal cells during development and preeclampsia: consequences for trophoblast mitochondrial homeostasis. <i>Cell Death and Disease</i> , 2022, 13, 191.	2.7	7
11504	Osteo/odontogenic differentiation analysis of dental stem cells from tooth germ, apical papilla, and dental follicle. <i>Oral Science International</i> , 2022, 19, 180-192.	0.3	1
11505	Case Report: Repeated Intralesional Injections of Autologous Mesenchymal Stem Cells Combined With Platelet-Rich Plasma for Superficial Digital Flexor Tendon Healing in a Show Jumping Horse. <i>Frontiers in Veterinary Science</i> , 2022, 9, 843131.	0.9	3
11506	Myogenic commitment of human stem cells by myoblasts Co-culture: a static vs. a dynamic approach. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2022, 50, 49-58.	1.9	7
11507	Characterizing human mesenchymal stromal cells' immune-modulatory potency using targeted lipidomic profiling of sphingolipids. <i>Cytotherapy</i> , 2022, 24, 608-618.	0.3	10
11508	Molecular Biological Comparison of Dental Pulp- and Apical Papilla-Derived Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2615.	1.8	11
11509	Intravenous administration of human mesenchymal stem cells derived from adipose tissue and umbilical cord improves neuropathic pain via suppression of neuronal damage and anti-inflammatory actions in rats. <i>PLoS ONE</i> , 2022, 17, e0262892.	1.1	14

#	ARTICLE	IF	CITATIONS
11510	Strategies to enhance immunomodulatory properties and reduce heterogeneity in mesenchymal stromal cells during ex vivo expansion. <i>Cytotherapy</i> , 2022, 24, 456-472.	0.3	16
11511	Biocompatible Gas Plasma Treatment Affects Secretion Profiles but Not Osteogenic Differentiation in Patient-Derived Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2038.	1.8	7
11512	Bone Marrow Mesenchymal Stem Cells and Their Derived Extracellular Vesicles Attenuate Non-Alcoholic Steatohepatitis-Induced Cardiotoxicity via Modulating Cardiac Mechanisms. <i>Life</i> , 2022, 12, 355.	1.1	1
11513	Sa12b-Modified Functional Self-Assembling Peptide Hydrogel Enhances the Biological Activity of Nucleus Pulposus Mesenchymal Stem Cells by Inhibiting Acid-Sensing Ion Channels. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 822501.	1.8	10
11514	Transcriptomic analysis and biological evaluation reveals that LMO3 regulates the osteogenic differentiation of human adipose derived stem cells via PI3K/Akt signaling pathway. <i>Journal of Molecular Histology</i> , 2022, , 1.	1.0	2
11515	Single-cell RNA sequencing reveals PDGFR α ⁺ stromal cell subpopulations that promote proacinar cell differentiation in embryonic salivary gland organoids. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	12
11516	Spidroin striped micropattern promotes chondrogenic differentiation of human Wharton's jelly mesenchymal stem cells. <i>Scientific Reports</i> , 2022, 12, 4837.	1.6	0
11517	Hexon modification of human adenovirus type 5 vectors enables efficient transduction of human multipotent mesenchymal stromal cells. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 25, 96-110.	1.8	2
11518	Rapid Stem Cell Extraction and Culture Device for Regenerative Therapy Using Biodegradable Nonwoven Fabrics with Strongly Oriented Fibers. <i>Advanced Materials Interfaces</i> , 0, , 2101776.	1.9	0
11519	Single-cell analysis of cultured bone marrow stromal cells reveals high similarity to fibroblasts in situ. <i>Experimental Hematology</i> , 2022, 110, 28-33.	0.2	4
11520	Insight in Hypoxia-Mimetic Agents as Potential Tools for Mesenchymal Stem Cell Priming in Regenerative Medicine. <i>Stem Cells International</i> , 2022, 2022, 1-24.	1.2	12
11521	Mesenchymal stem/stromal cell therapy for COVID-19 pneumonia: potential mechanisms, current clinical evidence, and future perspectives. <i>Stem Cell Research and Therapy</i> , 2022, 13, 124.	2.4	17
11522	The Icarus Flight of Perinatal Stem and Renal Progenitor Cells Within Immune System. <i>Frontiers in Immunology</i> , 2022, 13, 840146.	2.2	2
11523	Using extracellular vesicles derived from human umbilical cord mesenchymal stem cells for a topical coating promotes oral mucositis healing in rats. <i>Annals of Translational Medicine</i> , 2022, 10, 290-290.	0.7	2
11524	MicroRNA-30a contributes to pre-eclampsia through regulating the proliferation, apoptosis, and angiogenesis modulation potential of mesenchymal stem cells by targeting AVEN. <i>Bioengineered</i> , 2022, 13, 8724-8734.	1.4	2
11525	Dynamically Bioresponsive DNA Hydrogel Incorporated with Dual-Functional Stem Cells from Apical Papilla-Derived Exosomes Promotes Diabetic Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16082-16099.	4.0	39
11526	Batch Effects during Human Bone Marrow Stromal Cell Propagation Prevail Donor Variation and Culture Duration: Impact on Genotype, Phenotype and Function. <i>Cells</i> , 2022, 11, 946.	1.8	12
11528	Shining the light on clinical application of mesenchymal stem cell therapy in autoimmune diseases. <i>Stem Cell Research and Therapy</i> , 2022, 13, 101.	2.4	28

#	ARTICLE	IF	CITATIONS
11529	Functional and Immune Modulatory Characteristics of Bone Marrow Mesenchymal Stromal Cells in Patients With Aplastic Anemia: A Systematic Review. <i>Frontiers in Immunology</i> , 2022, 13, 859668.	2.2	5
11530	Safety study of allogeneic mesenchymal stem cell therapy in animal model. <i>Regenerative Therapy</i> , 2022, 19, 158-165.	1.4	6
11531	Generation of a BAC transgenic mouse strain that expresses CreERT and a fluorescent protein under the transcriptional control of the Fzd5 locus. <i>Inflammation and Regeneration</i> , 2022, 42, 6.	1.5	0
11532	Recent Stem Cell Research on Hemorrhagic Stroke : An Update. <i>Journal of Korean Neurosurgical Society</i> , 2022, 65, 161-172.	0.5	4
11533	Proline-based solution maintains cell viability and stemness of canine adipose-derived mesenchymal stem cells after hypothermic storage. <i>PLoS ONE</i> , 2022, 17, e0264773.	1.1	1
11534	A Review of In Vivo and Clinical Studies Applying Scaffolds and Cell Sheet Technology for Periodontal Ligament Regeneration. <i>Biomolecules</i> , 2022, 12, 435.	1.8	16
11535	Mesenchymal Stromal Cells from Healthy and Inflamed Human Gingiva Respond Differently to <i>Porphyromonas gingivalis</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 3510.	1.8	6
11536	3D Tissue-Engineered Vascular Drug Screening Platforms: Promise and Considerations. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 847554.	1.1	20
11537	Inhaled Placental Mesenchymal Stromal Cell Secretome from Two- and Three-Dimensional Cell Cultures Promotes Survival and Regeneration in Acute Lung Injury Model in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3417.	1.8	7
11538	Development of a novel feeding regime for large scale production of human umbilical cord mesenchymal stem/stromal cells. <i>Cytotechnology</i> , 2022, 74, 351-369.	0.7	5
11539	Xenotransplantation of neonatal porcine bone marrow-derived mesenchymal stem cells improves diabetic wound healing by promoting angiogenesis and lymphangiogenesis. <i>Xenotransplantation</i> , 2022, 29, e12739.	1.6	5
11540	Knee and Peri-Knee Tissues of Post Mortem Donors Are Strategic Sources of Mesenchymal Stem/Stromal Cells for Regenerative Procedures. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3170.	1.8	2
11541	Inflammation-stimulated MSC-Derived Small Extracellular Vesicle miR-27b-3p Regulates Macrophages by Targeting CSF-1 to Promote Temporomandibular Joint Condylar Regeneration. <i>Small</i> , 2022, 18, e2107354.	5.2	28
11542	Transforming Growth Factor-Beta Orchestrates Tumour and Bystander Cells in B-Cell Non-Hodgkin Lymphoma. <i>Cancers</i> , 2022, 14, 1772.	1.7	7
11543	Enamel matrix derivative expedites osteogenic differentiation of BMSCs via Wnt/ β -catenin pathway in high glucose microenvironment. <i>Journal of Bone and Mineral Metabolism</i> , 2022, , 1.	1.3	2
11544	Mesenchymal stem cells and natural killer cells interaction mechanisms and potential clinical applications. <i>Stem Cell Research and Therapy</i> , 2022, 13, 97.	2.4	16
11545	Human infrapatellar fat pad mesenchymal stem cells show immunomodulatory exosomal signatures. <i>Scientific Reports</i> , 2022, 12, 3609.	1.6	12
11546	Advancing Regenerative Cellular Therapies in Non-Scarring Alopecia. <i>Pharmaceutics</i> , 2022, 14, 612.	2.0	12

#	ARTICLE	IF	CITATIONS
11547	Clinical Application of Adipose Derived Stem Cells for the Treatment of Aseptic Non-Unions: Current Stage and Future Perspectives”Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3057.	1.8	11
11548	Spinal Cord Injury: A Systematic Review and Network Meta-Analysis of Therapeutic Strategies Based on 15 Types of Stem Cells in Animal Models. <i>Frontiers in Pharmacology</i> , 2022, 13, 819861.	1.6	13
11549	Activated and nonactivated MSCs increase survival in humanized mice after acute liver injury through alcohol binging. <i>Hepatology Communications</i> , 2022, 6, 1549-1560.	2.0	4
11550	An In Vitro Study of the Effects of Mechanical and Enzymatic Isolation of Stromal Vascular Fraction on Wound Healing. <i>Annals of Plastic Surgery</i> , 2022, 88, S13-S21.	0.5	2
11551	The Research Progress of Exosomes in Osteoarthritis, With Particular Emphasis on the Therapeutic Effect. <i>Frontiers in Pharmacology</i> , 2022, 13, 731756.	1.6	3
11552	Human periodontal ligament stem cells with distinct osteogenic potential”induce bone formation in rat calvaria defects. <i>Regenerative Medicine</i> , 2022, 17, 341-353.	0.8	6
11553	Combined Treatment of Levetiracetam and Mesenchymal Stem Cells Reverses the Biochemical Aberrations in the Acute Phase of Epilepsy Induced by Pilocarpine in Rats. <i>Biomedical and Pharmacology Journal</i> , 2022, 15, 91-115.	0.2	1
11554	Amniotic membrane mesenchymal stem cells”based therapy improves Bmi”deficient mandible osteoporosis through stimulating osteoblastic bone formation and inhibiting osteoclastic bone resorption. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 538-549.	1.3	2
11555	Advances in Cellular and Cell-Free Therapy Medicinal Products for Huntington Disease Treatment. , 0, , .		3
11556	Clinical Trials Using Mesenchymal Stem Cells for Spinal Cord Injury: Challenges in Generating Evidence. <i>Cells</i> , 2022, 11, 1019.	1.8	12
11557	Clinical implications of differential functional capacity between tissue”specific human mesenchymal stromal/stem cells. <i>FEBS Journal</i> , 2023, 290, 2833-2844.	2.2	7
11558	Sodium alginate microencapsulation of human mesenchymal stromal cells modulates paracrine signaling response and enhances efficacy for treatment of established osteoarthritis. <i>Acta Biomaterialia</i> , 2022, 141, 315-332.	4.1	13
11559	1,25(OH)2D3 Mitigates Oxidative Stress-Induced Damage to Nucleus Pulposus-Derived Mesenchymal Stem Cells through PI3K/Akt Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-22.	1.9	6
11560	Osteogenic Commitment of Human Periodontal Ligament Cells Is Predetermined by Methylation, Chromatin Accessibility and Expression of Key Transcription Factors. <i>Cells</i> , 2022, 11, 1126.	1.8	7
11561	Exendin”4 enhances osteogenic differentiation of adipose tissue mesenchymal stem cells through the receptor activator of nuclear factor”kappa B and osteoprotegerin signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 906-920.	1.2	6
11562	Acute Myeloid Leukemia Cells Educate Mesenchymal Stromal Cells toward an Adipogenic Differentiation Propensity with Leukemia Promotion Capabilities. <i>Advanced Science</i> , 2022, 9, e2105811.	5.6	18
11563	Evolution of Mesenchymal Stem Cell Therapy as an Advanced Therapeutic Medicinal Product (ATMP)”An Indian Perspective. <i>Bioengineering</i> , 2022, 9, 111.	1.6	9
11564	Minimum criteria for defining induced mesenchymal stem cells. <i>Cell Biology International</i> , 2022, 46, 986-989.	1.4	13

#	ARTICLE	IF	CITATIONS
11565	Human Amnion Epithelial Cells: A Potential Cell Source for Pulp Regeneration?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2830.	1.8	3
11566	Electrospun/3D-printed PCL bioactive scaffold for bone regeneration. <i>Polymer Bulletin</i> , 2023, 80, 2533-2552.	1.7	4
11567	A New Method of Bone Stromal Cell Characterization by Flow Cytometry. <i>Current Protocols</i> , 2022, 2, e400.	1.3	5
11568	Potential role of dental pulp stem cells conditioned medium for odontoblastic differentiation. <i>Biological Research</i> , 2022, 55, 11.	1.5	3
11569	Evolutionary insights into primate skeletal gene regulation using a comparative cell culture model. <i>PLoS Genetics</i> , 2022, 18, e1010073.	1.5	10
11570	Store-Operated Ca ²⁺ Entry Contributes to Piezo1-Induced Ca ²⁺ Increase in Human Endometrial Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3763.	1.8	9
11571	Senescence-Associated Cell Transition and Interaction (SACTAI): A Proposed Mechanism for Tissue Aging, Repair, and Degeneration. <i>Cells</i> , 2022, 11, 1089.	1.8	7
11572	Autoclavable Polydopamine-Gelatin-Modified Polyethylene Terephthalate Microfibrous Carriers Regulate the Proliferation and Paracrine Signaling of Mesenchymal Stem Cells. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3711-3725.	2.0	1
11573	Stem Cell Transplantation in the Treatment of Type 1 Diabetes Mellitus: From Insulin Replacement to Beta-Cell Replacement. <i>Frontiers in Endocrinology</i> , 2022, 13, 859638.	1.5	17
11574	Effects of BMAL1 on dentinogenic differentiation of dental pulp stem cells via PI3K/Akt/mTOR pathway. <i>International Endodontic Journal</i> , 2022, 55, 505-516.	2.3	7
11575	Characterizing gene expression in an <i>in vitro</i> biomechanical strain model of joint health. <i>F1000Research</i> , 0, 11, 296.	0.8	1
11576	Characterization of Biological Properties of Dental Pulp Stem Cells Grown on an Electrospun Poly(l-lactide-co-caprolactone) Scaffold. <i>Materials</i> , 2022, 15, 1900.	1.3	7
11577	Mesenchymal Stem Cell-Derived Extracellular Vesicles in Liver Immunity and Therapy. <i>Frontiers in Immunology</i> , 2022, 13, 833878.	2.2	22
11578	Influence of Periodontal Ligament Stem Cell-Derived Conditioned Medium on Osteoblasts. <i>Pharmaceutics</i> , 2022, 14, 729.	2.0	7
11579	Mesenchymal Stem Cell-Derived Exosomes: Toward Cell-Free Therapeutic Strategies in Chronic Kidney Disease. <i>Frontiers in Medicine</i> , 2022, 9, 816656.	1.2	14
11580	Therapeutic Effect of Rapamycin-Loaded Small Extracellular Vesicles Derived from Mesenchymal Stem Cells on Experimental Autoimmune Uveitis. <i>Frontiers in Immunology</i> , 2022, 13, 864956.	2.2	14
11581	Defects in Long-Term APC Repopulation Ability of Adult Human Bone Marrow Hematopoietic Stem Cells (HSCs) Compared with Fetal Liver HSCs. <i>Journal of Immunology</i> , 2022, 208, 1652-1663.	0.4	3
11582	Ageing attenuates bone healing by mesenchymal stem cells in a microribbon hydrogel with a murine long bone critical-size defect model. <i>Immunity and Ageing</i> , 2022, 19, 14.	1.8	6

#	ARTICLE	IF	CITATIONS
11583	Single-Cell Transcriptome Integration Analysis Reveals the Correlation Between Mesenchymal Stromal Cells and Fibroblasts. <i>Frontiers in Genetics</i> , 2022, 13, 798331.	1.1	6
11584	Mesenchymal Stem Cells Alleviate Inflammatory Bowel Disease Via Tr1 Cells. <i>Stem Cell Reviews and Reports</i> , 2022, , 1.	1.7	4
11585	Signaling Pathways Impact on Induction of Corneal Epithelial-like Cells Derived from Human Wharton's Jelly Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3078.	1.8	3
11586	Periosteal Skeletal Stem Cells and Their Response to Bone Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 812094.	1.8	10
11587	MSCs as Tumor-Specific Vectors for the Delivery of Anticancer Agents—A Potential Therapeutic Strategy in Cancer Diseases: Perspectives for Quinazoline Derivatives. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2745.	1.8	6
11588	Mesenchymal Stromal Cell-Derived Extracellular Vesicles for Neonatal Lung Disease: Tiny Particles, Major Promise, Rigorous Requirements for Clinical Translation. <i>Cells</i> , 2022, 11, 1176.	1.8	9
11589	Fast assay to predict multipotent mesenchymal stromal cell's replicative senescence dynamics. <i>BioTechniques</i> , 2022, 72, 90-99.	0.8	0
11590	Position Statement: Minimal Criteria for Reporting Veterinary and Animal Medicine Research for Mesenchymal Stromal/Stem Cells in Orthopedic Applications. <i>Frontiers in Veterinary Science</i> , 2022, 9, 817041.	0.9	12
11591	Systemic and local innate immune responses to surgical co-transplantation of mesenchymal stromal cells and biphasic calcium phosphate for bone regeneration. <i>Acta Biomaterialia</i> , 2022, 141, 440-453.	4.1	12
11592	Arthroscopic Rotator Cuff Repair Augmentation With Autologous Microfragmented Lipoaspirate Tissue Is Safe and Effectively Improves Short-term Clinical and Functional Results: A Prospective Randomized Controlled Trial With 24-Month Follow-up. <i>American Journal of Sports Medicine</i> , 2022, 50, 1344-1357.	1.9	12
11593	Extraembryonic Mesenchymal Stromal/Stem Cells in Liver Diseases: A Critical Revision of Promising Advanced Therapy Medicinal Products. <i>Cells</i> , 2022, 11, 1074.	1.8	3
11594	Gene Network Analysis for Osteoporosis, Sarcopenia, Diabetes, and Obesity in Human Mesenchymal Stromal Cells. <i>Genes</i> , 2022, 13, 459.	1.0	3
11595	Cell Therapy Based on Gingiva-Derived Mesenchymal Stem Cells Seeded in a Xenogeneic Collagen Matrix for Root Coverage of RT1 Gingival Lesions: An In Vivo Experimental Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3248.	1.8	1
11596	Patellar Tendinopathy: Critical Analysis Review of Current Nonoperative Treatments. <i>JBJS Reviews</i> , 2022, 10, .	0.8	4
11597	A Brief Overview of Global Trends in MSC-Based Cell Therapy. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1525-1545.	1.7	66
11598	Generation of Complex Syngeneic Liver Organoids from Induced Pluripotent Stem Cells to Model Human Liver Pathophysiology. <i>Current Protocols</i> , 2022, 2, e389.	1.3	1
11599	Safety and long-term improvement of mesenchymal stromal cell infusion in critically COVID-19 patients: a randomized clinical trial. <i>Stem Cell Research and Therapy</i> , 2022, 13, 122.	2.4	29
11600	Rapid and robust derivation of mesenchymal stem cells from human pluripotent stem cells via temporal induction of neuralized ectoderm. <i>Cell and Bioscience</i> , 2022, 12, 31.	2.1	1

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11601	A New Human Platelet Lysate for Mesenchymal Stem Cell Production Compliant with Good Manufacturing Practice Conditions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3234.	1.8	6
11602	Developing standards to support cell technology applications. <i>Cell Proliferation</i> , 2022, 55, e13210.	2.4	0
11603	The secretion profile of mesenchymal stem cells and potential applications in treating human diseases. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 92.	7.1	155
11604	Periodontal Wound Healing and Regeneration: Insights for Engineering New Therapeutic Approaches. <i>Frontiers in Dental Medicine</i> , 2022, 3, .	0.5	15
11606	Stem Cell-Derived Extracellular Vesicles as Potential Therapeutic Approach for Acute Kidney Injury. <i>Frontiers in Immunology</i> , 2022, 13, 849891.	2.2	9
11607	Müller glia fused with adult stem cells undergo neural differentiation in human retinal models. <i>EBioMedicine</i> , 2022, 77, 103914.	2.7	3
11608	Endo- and Exometabolome Crosstalk in Mesenchymal Stem Cells Undergoing Osteogenic Differentiation. <i>Cells</i> , 2022, 11, 1257.	1.8	6
11610	Comparing the Efficacy and Safety of Cell Transplantation for Spinal Cord Injury: A Systematic Review and Bayesian Network Meta-Analysis. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 860131.	1.8	6
11611	A Narrative Review: Gingival Stem Cells as a Limitless Reservoir for Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4135.	1.8	15
11612	Single-cell RNA sequencing analysis of human bone-marrow-derived mesenchymal stem cells and functional subpopulation identification. <i>Experimental and Molecular Medicine</i> , 2022, 54, 483-492.	3.2	23
11613	Poly(I:C) enhances mesenchymal stem cell control of myeloid cells from COVID-19 patients. <i>IScience</i> , 2022, 25, 104188.	1.9	6
11614	Senescence State in Mesenchymal Stem Cells at Low Passages: Implications in Clinical Use. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 858996.	1.8	9
11615	A Comparison of Mesenchymal Stem Cell-derived Hepatocyte-like Cells and HepG2 Cells for Use in Drug-Induced Liver Injury Studies. <i>ATLA Alternatives To Laboratory Animals</i> , 2022, 50, 146-155.	0.7	3
11616	Editorial Commentary: Subacromial Bursa May Possess Mesenchymal Progenitor Cells. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 1124-1125.	1.3	1
11617	Glioblastoma microenvironment: The stromal interactions. <i>Pathology Research and Practice</i> , 2022, 232, 153813.	1.0	6
11618	Mesenchymal Stem/Stromal Cells in Organ Transplantation. <i>Pharmaceutics</i> , 2022, 14, 791.	2.0	9
11619	Equilibrium among Inflammatory Factors Determines Human MSC-Mediated Immunosuppressive Effect. <i>Cells</i> , 2022, 11, 1210.	1.8	12
11620	A novel glaucoma approach: Stem cell regeneration of the trabecular meshwork. <i>Progress in Retinal and Eye Research</i> , 2022, 90, 101063.	7.3	19

#	ARTICLE	IF	CITATIONS
11621	Mesenchymal stromal cells promote the proliferation of basal stem cells and efficient epithelization in organotypic models of wound healing. <i>Microscopy Research and Technique</i> , 2022, 85, 2752-2756.	1.2	5
11622	Hydrogel Encapsulation: Taking the Therapy of Mesenchymal Stem Cells and Their Derived Secretome to the Next Level. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 859927.	2.0	11
11623	Integrative Single-Cell RNA-Seq and ATAC-Seq Analysis of Mesenchymal Stem/Stromal Cells Derived from Human Placenta. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 836887.	1.8	4
11624	Efficiency assessment of irrigation as an alternative method for improving the regenerative potential of nonhealing wounds. <i>Wound Repair and Regeneration</i> , 2022, , .	1.5	3
11625	Autophagy Reprogramming Stem Cell Pluripotency and Multiple-lineage Differentiation. <i>Journal of the Chinese Medical Association</i> , 2022, Publish Ahead of Print, .	0.6	1
11626	Incorporating Insulin Growth Factor-1 into Regenerative and Personalized Medicine for Cardiovascular Disease: A Systematic Review. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 202-215.	0.6	2
11627	Stem-Cell Therapy for Bronchopulmonary Dysplasia (BPD) in Newborns. <i>Cells</i> , 2022, 11, 1275.	1.8	18
11628	Bioactive functional scaffolds for stem cells delivery in wound healing and skin regeneration. <i>Reactive and Functional Polymers</i> , 2022, 174, 105233.	2.0	12
11629	Assessment of the inherent chondrogenic potential of human articular cartilage-derived chondroprogenitors in pellet culture using a novel whole pellet processing approach. <i>Journal of Orthopaedics</i> , 2022, 31, 45-51.	0.6	0
11630	Advanced cell therapy with low tissue factor loaded product NestaCell® does not confer thrombogenic risk for critically ill COVID-19 heparin-treated patients. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112920.	2.5	7
11631	TNF- α stimulation enhances the neuroprotective effects of gingival MSCs derived exosomes in retinal ischemia-reperfusion injury via the MEG3/miR-21a-5p axis. <i>Biomaterials</i> , 2022, 284, 121484.	5.7	47
11632	P62/SQSTM1 enhances osteogenesis and attenuates inflammatory signals in bone marrow microenvironment. <i>General and Comparative Endocrinology</i> , 2022, 320, 114009.	0.8	2
11633	Comparative evaluation of fracture healing potential of differentiated and undifferentiated guinea pig and canine bone marrow-derived mesenchymal stem cells in a guinea pig model. <i>Tissue and Cell</i> , 2022, 76, 101768.	1.0	8
11634	Mechanical signals induces reprogramming of mature adipocytes through the YAP/TAZ-binding motif. <i>Experimental Cell Research</i> , 2022, 415, 113109.	1.2	5
11635	COVID-19 immunotherapy: Treatment based on the immune cell-mediated approaches. <i>International Immunopharmacology</i> , 2022, 107, 108655.	1.7	8
11636	Immunotherapy of inflammatory bowel disease (IBD) through mesenchymal stem cells. <i>International Immunopharmacology</i> , 2022, 107, 108698.	1.7	23
11637	Comparative analysis of mouse embryonic palatal mesenchymal cells isolated by two primary culture methods. <i>Tissue and Cell</i> , 2022, 76, 101783.	1.0	3
11638	Substrate topography regulates extracellular matrix component secretion by bone marrow-derived mesenchymal stem cells. <i>Journal of Science: Advanced Materials and Devices</i> , 2022, 7, 100437.	1.5	2

#	ARTICLE	IF	CITATIONS
11639	Immunotherapy by mesenchymal stromal cell delivery of oncolytic viruses for treating metastatic tumors. <i>Molecular Therapy - Oncolytics</i> , 2022, 25, 78-97.	2.0	9
11640	Metabolic reprogramming of synovial fibroblasts in osteoarthritis by inhibition of pathologically overexpressed pyruvate dehydrogenase kinases. <i>Metabolic Engineering</i> , 2022, 72, 116-132.	3.6	8
11641	Selegiline Induces Adipose tissue-derived Stem Cells into Neuron-like cells through MAPK Signaling Pathway. <i>Physiology and Pharmacology</i> , 2021, .	0.1	0
11642	Isolation and phenotyping of cardiac-derived progenitor cells from neonatal mice. <i>Cell and Organ Transplantation</i> , 2021, 9, .	0.2	0
11643	Cytogenetic Characteristics of Diploid Lines of Mesenchymal Multipotent Stromal Cells. <i>Cell and Tissue Biology</i> , 2021, 15, 604-615.	0.2	0
11644	Photobiomodulation therapy upregulates the growth kinetics and multilineage differentiation potential of human dental pulp stem cellsâ€”an in vitro Study. <i>Lasers in Medical Science</i> , 2022, 37, 1993-2003.	1.0	2
11645	Diamond Concept as Principle for the Development of Spinal Cord Scaffold: A Literature Review. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2021, 9, 754-769.	0.1	0
11646	Chemical characterization of extracellular vesicles of mesenchymal stromal cells: TOF-SIMS and BCARS approach. <i>Journal of Physics: Conference Series</i> , 2021, 2086, 012107.	0.3	1
11647	Dental Mesenchymal Stem Cell Secretome: An Intriguing Approach for Neuroprotection and Neuroregeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 456.	1.8	21
11648	The Role of Mesenchymal Stromal Cells-Derived Small Extracellular Vesicles in Diabetes and Its Chronic Complications. <i>Frontiers in Endocrinology</i> , 2021, 12, 780974.	1.5	12
11649	Low-Level Laser Irradiation Promotes Proliferation and Differentiation on Apical Papilla Stem Cells. <i>Journal of Lasers in Medical Sciences</i> , 2021, 12, e75-e75.	0.4	9
11650	Human mesenchymal stem cells. <i>Cell Proliferation</i> , 2022, 55, e13141.	2.4	14
11651	Klotho and Mesenchymal Stem Cells: A Review on Cell and Gene Therapy for Chronic Kidney Disease and Acute Kidney Disease. <i>Pharmaceutics</i> , 2022, 14, 11.	2.0	11
11652	The angiogenic properties of human amniotic membrane stem cells are enhanced in gestational diabetes and associate with fetal adiposity. <i>Stem Cell Research and Therapy</i> , 2021, 12, 608.	2.4	3
11653	Ex-vivo Kidney Machine Perfusion: Therapeutic Potential. <i>Frontiers in Medicine</i> , 2021, 8, 808719.	1.2	28
11654	The Effect of Diabetes Mellitus on IGF Axis and Stem Cell Mediated Regeneration of the Periodontium. <i>Bioengineering</i> , 2021, 8, 202.	1.6	0
11655	Diversity of Vascular Niches in Bones and Joints During Homeostasis, Ageing, and Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 798211.	2.2	7
11656	Cell-Based Therapy for the Treatment of Glioblastoma: An Update from Preclinical to Clinical Studies. <i>Cells</i> , 2022, 11, 116.	1.8	9

#	ARTICLE	IF	CITATIONS
11657	Phenolic-rich extract of avocado (<i>Persea americana</i> (var. Colined) peel blunts paraquat/maneb-induced apoptosis through blocking phosphorylation of LRRK2 kinase in human nerve-like cells. <i>Environmental Toxicology</i> , 2022, 37, 660-676.	2.1	5
11658	Small Extracellular Vesicles Derived from Human Chorionic MSCs as Modern Perspective towards Cell-Free Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13581.	1.8	10
11659	Nucleofection of Adipose Mesenchymal Stem/Stromal Cells: Improved Transfection Efficiency for GMP Grade Applications. <i>Cells</i> , 2021, 10, 3412.	1.8	2
11660	Evaluation of bone marrow-derived cell-based therapies in the hindlimb ischaemia model: a protocol for a systematic review and meta-analysis. <i>BMJ Open Science</i> , 2021, 5, e100209.	0.8	0
11662	Small Ruminant Models for Articular Cartilage Regeneration by Scaffold-Based Tissue Engineering. <i>Stem Cells International</i> , 2021, 2021, 1-14.	1.2	0
11663	Mechanism of Action of Mesenchymal Stem Cells (MSCs): impact of delivery method. <i>Expert Opinion on Biological Therapy</i> , 2022, 22, 449-463.	1.4	8
11664	Adipose Tissue-Derived Mesenchymal Stem Cells as a Potential Restorative Treatment for Cartilage Defects: A PRISMA Review and Meta-Analysis. <i>Pharmaceuticals</i> , 2021, 14, 1280.	1.7	14
11665	Making More Womb: Clinical Perspectives Supporting the Development and Utilization of Mesenchymal Stem Cell Therapy for Endometrial Regeneration and Infertility. <i>Journal of Personalized Medicine</i> , 2021, 11, 1364.	1.1	14
11666	Mesenchymal Stem Cell Exosomes and Cancer: Controversies and Prospects. <i>Advanced Biology</i> , 2022, 6, e2101050.	1.4	10
11667	Stem Cell Therapies for Cerebral Palsy and Autism Spectrum Disorder—A Systematic Review. <i>Brain Sciences</i> , 2021, 11, 1606.	1.1	8
11668	Mesenchymal stem cell transplantation after acute myocardial infarction: a meta-analysis of clinical trials. <i>Stem Cell Research and Therapy</i> , 2021, 12, 600.	2.4	34
11669	Cross-Tissue Characterization of Heterogeneities of Mesenchymal Stem Cells and Their Differentiation Potentials. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 781021.	1.8	13
11670	New Perspectives in the Treatment of Anal Fistulas. <i>Coloproctology</i> , 2022, , 1-13.	0.1	0
11671	Characterization and differentiation potential of mesenchymal stem cells isolated from multiple canine adipose tissue sources. <i>BMC Veterinary Research</i> , 2021, 17, 388.	0.7	16
11672	Kanser hücresinin mikrovasküler sitokin yanıtı ve etkileri: Meme kanseri ve dental pulpa kanserleri arasındaki etkileşim. <i>Ege Tıp Dergisi</i> , 0, , 314-323.	0.1	0
11673	Method Categorization of Stem Cell Therapy for Degenerative Osteoarthritis of the Knee: A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13323.	1.8	6
11674	Evaluation of Human Bone Marrow Mesenchymal Stromal Cell (MSC) Functions on a Biomimetic Rattan-Wood-Derived Scaffold: A Comparison between Cultured and Uncultured MSCs. <i>Bioengineering</i> , 2022, 9, 1.	1.6	10
11675	Effect of Allogeneic Oral Mucosa Mesenchymal Stromal Cells on Equine Wound Repair. <i>Veterinary Medicine International</i> , 2021, 2021, 1-10.	0.6	4

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11676	Application of Mesenchymal Stem Cells During Machine Perfusion: An Emerging Novel Strategy for Organ Preservation. <i>Frontiers in Immunology</i> , 2021, 12, 713920.	2.2	11
11677	Development and evaluation of IL-6 overexpressing mesenchymal stem cells (MSCs). <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 244-253.	1.3	4
11678	Mesenchymal Stem Cell Senescence and Osteogenesis. <i>Medicina (Lithuania)</i> , 2022, 58, 61.	0.8	7
11679	Polychromatic Flow Cytometric Analysis of Stromal Vascular Fraction from Lipoaspirate and Microfragmented Counterparts Reveals Sex-Related Immunophenotype Differences. <i>Genes</i> , 2021, 12, 1999.	1.0	4
11680	Impact of injectable chitosan cryogel microspherescaffolds on differentiation and proliferation of adiposederived mesenchymal stem cells into fat cells. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1335-1345.	1.2	2
11681	Heterogeneity and Hierarchy of Tissue Stem Cells in the Human Vocal Fold Mucosa. <i>Koutou (the) Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.1	0
11682	Cadaveric Stem Cells: Their Research Potential and Limitations. <i>Frontiers in Genetics</i> , 2021, 12, 798161.	1.1	6
11683	Bone marrow-derived mesenchymal stem cell-derived extracellular vesicles affect proliferation and apoptosis of leukemia cells <i>in vitro</i> . <i>FEBS Open Bio</i> , 2022, 12, 470-479.	1.0	13
11684	Migratory chondroprogenitors retain superior intrinsic chondrogenic potential for regenerative cartilage repair as compared to human fibronectin derived chondroprogenitors. <i>Scientific Reports</i> , 2021, 11, 23685.	1.6	11
11686	Proteogenomic Analysis Reveals Proteins Involved in the First Step of Adipogenesis in Human Adipose-Derived Stem Cells. <i>Stem Cells International</i> , 2021, 2021, 1-14.	1.2	5
11687	Stem Cells from Human Exfoliated Deciduous Teeth and their Promise as Preventive and Therapeutic Strategies for Neurological Diseases and Injuries. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 527-536.	0.6	2
11688	Biocompatibility of mesoporous SBA-16/hydroxyapatite nanocomposite and dentin demineralized particles on human dental pulp stem cells. <i>Microscopy Research and Technique</i> , 2022, 85, 1557-1567.	1.2	3
11689	Therapeutic Potential of Dental Pulp Stem Cells According to Different Transplant Types. <i>Molecules</i> , 2021, 26, 7423.	1.7	18
11690	Autologous Infusion of Bone Marrow and Mesenchymal Stromal Cells in Patients with Chronic Obstructive Pulmonary Disease: Phase I Randomized Clinical Trial. <i>International Journal of COPD</i> , 2021, Volume 16, 3561-3574.	0.9	9
11691	Plasma Electrolytic Oxidation (PEO) Coated CP-Ti: Wear Performance on Reciprocating Mode and Chondrogenic/Osteogenic Differentiation. <i>Journal of Bio- and Tribo-Corrosion</i> , 2022, 8, 1.	1.2	6
11692	Mesenchymal-Stromal Cell-like Melanoma-Associated Fibroblasts Increase IL-10 Production by Macrophages in a Cyclooxygenase/Indoleamine 2,3-Dioxygenase-Dependent Manner. <i>Cancers</i> , 2021, 13, 6173.	1.7	5
11693	Three-Dimensional Porous Scaffolds Derived from Bovine Cancellous Bone Matrix Promote Osteoinduction, Osteoconduction, and Osteogenesis. <i>Polymers</i> , 2021, 13, 4390.	2.0	2
11694	Mesenchymal Stem Cells Versus Covid-19. Can They Win the Battle?. <i>Serbian Journal of Experimental and Clinical Research</i> , 2021, .	0.2	0

#	ARTICLE	IF	CITATIONS
11695	Reduced Osteogenic Differentiation Potential <i>In Vivo</i> in Acute Myeloid Leukaemia Patients Correlates with Decreased <i>BMP4</i> Expression in Mesenchymal Stromal Cells. <i>International Journal of Stem Cells</i> , 2022, 15, 227-232.	0.8	2
11696	Developmental principles informing human pluripotent stem cell differentiation to cartilage and bone. <i>Seminars in Cell and Developmental Biology</i> , 2022, 127, 17-36.	2.3	11
11697	Therapeutic Potential of Mesenchymal Stem Cells (MSCs) and MSC-Derived Extracellular Vesicles for the Treatment of Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13672.	1.8	29
11698	DÄ°Åž HEKÄ°MLÄ°ÄžÄ°NDE OROMAKSÄ°LLOFASÄ°YAL BOLGEDEN ALINABÄ°LEN MEZENKÄ°MAL KÄ-K HÄœCRELER. , 0, , . 0		0
11699	Intra-Individual Variability of Human Dental Pulp Stem Cell Features Isolated from the Same Donor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13515.	1.8	5
11700	Augmentation of Rotator Cuff Healing With Orthobiologics. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2022, 30, e508-e516.	1.1	13
11702	Treatment of Inflammatory Bowel Disease: A Comprehensive Review. <i>Frontiers in Medicine</i> , 2021, 8, 765474.	1.2	131
11703	Mesenchymal Stromal Cells Mediate Clinically Unpromising but Favourable Immune Responses in Kidney Transplant Patients. <i>Stem Cells International</i> , 2022, 2022, 1-17.	1.2	3
11704	Stem cells and fundamental problems of classical histology. <i>Morfologija (Saint Petersburg, Russia)</i> , 2020, 158, 139-150.	0.0	0
11705	CD106/VCAM-1 distinguishes a fibroblast subpopulation with high colony-forming capacity and distinct protein expression from the uterosacral ligament. <i>Annals of Translational Medicine</i> , 2022, 10, 511-511.	0.7	1
11706	Generation and characterization of human mesenchymal stem/stromal cells for cell therapy applications. <i>Methods in Cell Biology</i> , 2022, , .	0.5	1
11707	The endogenous progenitor response following traumatic brain injury: a target for cell therapy paradigms. <i>Neural Regeneration Research</i> , 2022, 17, 2351.	1.6	2
11708	Current Good Manufacturing Practice (cGMP) Facility and Production of Stem Cell. , 2022, , 37-68.		2
11710	Human umbilical cord-derived mesenchymal stem cells promote repair of neonatal brain injury caused by hypoxia/ischemia in rats. <i>Neural Regeneration Research</i> , 2022, 17, 2518.	1.6	11
11711	The Efficacy and Safety of Intrathecal Autologous Bone Marrow-Derived Mesenchymal Stromal Cells in Amyotrophic Lateral Sclerosis: A Pilot study. <i>Advanced Pharmaceutical Bulletin</i> , 2022, , .	0.6	0
11712	Mesenchymal Stem Cells From a Hypoxic Culture Can Improve Rotator Cuff Tear Repair. <i>Cell Transplantation</i> , 2022, 31, 096368972210896.	1.2	7
11713	Human Bone Marrow Mesenchymal Stromal/Stem Cells Regulate the Proinflammatory Response of Monocytes and Myeloid Dendritic Cells from Patients with Rheumatoid Arthritis. <i>Pharmaceutics</i> , 2022, 14, 404.	2.0	5
11714	IRX5 promotes adipogenesis of hMSCs by repressing glycolysis. <i>Cell Death Discovery</i> , 2022, 8, 204.	2.0	1

#	ARTICLE	IF	CITATIONS
11715	Histological Profiling of the Human Umbilical Cord: A Potential Alternative Cell Source in Tissue Engineering. <i>Journal of Personalized Medicine</i> , 2022, 12, 648.	1.1	4
11716	Immortalized Mesenchymal Stem Cells: A Safe Cell Source for Cellular or Cell Membrane-Based Treatment of Glioma. <i>Stem Cells International</i> , 2022, 2022, 1-15.	1.2	6
11717	A comparison of isolation and culture protocols for human amniotic mesenchymal stem cells. <i>Cell Cycle</i> , 2022, 21, 1543-1556.	1.3	5
11718	Cardiac Mesenchymal Stem Cells Promote Fibrosis and Remodeling in Heart Failure. <i>JACC Basic To Translational Science</i> , 2022, 7, 465-483.	1.9	8
11720	A New Human Platelet Lysate for Mesenchymal Stem Cell Production Compliant with Good Manufacturing Practice Conditions Preserves the Chemical Characteristics and Biological Activity of Lyo-Secretome Isolated by Ultrafiltration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4318.	1.8	3
11721	Equine Mesenchymal Stem Cells Influence the Proliferative Response of Lymphocytes: Effect of Inflammation, Differentiation and MHC-Compatibility. <i>Animals</i> , 2022, 12, 984.	1.0	3
11722	Real-world evidence of mesenchymal stem cell therapy in knee osteoarthritis: a large prospective two-year case series. <i>Regenerative Medicine</i> , 2022, 17, 355-373.	0.8	11
11723	Expression of inflammatory cytokines in mesenchymal stem cells derived from proximal humerus fractures. <i>Stem Cell Investigation</i> , 2022, 9, 3-3.	1.3	2
11724	Exosomes From Human Umbilical Cord Mesenchymal Stem Cells Treat Corneal Injury via Autophagy Activation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 879192.	2.0	9
11725	The impact of housing conditions on porcine mesenchymal stromal/stem cell populations differ between adipose tissue and skeletal muscle. , 0, 2, .		1
11726	HLA-A2 Promotes the Therapeutic Effect of Umbilical Cord Blood-Derived Mesenchymal Stem Cells in Hyperoxic Lung Injury. <i>Bioengineering</i> , 2022, 9, 177.	1.6	0
11727	Targeted Therapy for Inflammatory Diseases with Mesenchymal Stem Cells and Their Derived Exosomes: From Basic to Clinics. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1757-1781.	3.3	37
11728	Periodontal Stem Cells Synthesize Maresin Conjugate in Tissue Regeneration 3. <i>Journal of Dental Research</i> , 2022, , 002203452210908.	2.5	7
11729	Mesenchymal Stromal Cell-Derived Extracellular Vesicles as Biological Carriers for Drug Delivery in Cancer Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 882545.	2.0	4
11730	Low-dose mesenchymal stem cell therapy for discogenic pain: safety and efficacy results from a 1-year feasibility study. <i>Future Science OA</i> , 2022, 8, .	0.9	6
11731	Human umbilical cord blood mesenchymal stem cells as a potential therapy for schistosomal hepatic fibrosis: an experimental study. <i>Pathogens and Global Health</i> , 2023, 117, 190-202.	1.0	1
11732	Interleukins Profiling in Umbilical Cord Mesenchymal Stem Cell-Derived Secretome. <i>Stem Cells and Cloning: Advances and Applications</i> , 2022, Volume 15, 1-9.	2.3	2
11733	Clinical Potential of Dental Pulp Stem Cells in Pulp Regeneration: Current Endodontic Progress and Future Perspectives. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 857066.	1.8	22

#	ARTICLE	IF	CITATIONS
11734	Biodistribution of ⁸⁹ Zr-oxine-labeled human bone marrow-derived mesenchymal stem cells by micro-PET/computed tomography imaging in Sprague-Dawley rats. <i>Nuclear Medicine Communications</i> , 2022, Publish Ahead of Print, .	0.5	3
11735	The first reported generation of footprint-free human induced pluripotent stem cell line (SCIKFi001-A) in Indonesia from cGMP grade umbilical cord-derived mesenchymal stem cells (UC-MSCs) using synthetic self-replicating RNA. <i>Stem Cell Research</i> , 2022, 62, 102790.	0.3	0
11858	Human Umbilical Cord Mesenchymal Stem Cell-Based <i>in vitro</i> Model for Neurotoxicity Testing. <i>Current Protocols</i> , 2022, 2, e423.	1.3	4
11859	Administration of mesenchymal stem cells in diabetic kidney disease: mechanisms, signaling pathways, and preclinical evidence. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 2073-2092.	1.4	3
11860	Rho kinase inhibitor induced human dental pulp stem cells to differentiate into neurons. <i>Life Sciences</i> , 2022, 300, 120566.	2.0	3
11861	Microbial-stem cell interactions in periodontal disease. <i>Journal of Medical Microbiology</i> , 2022, 71, .	0.7	1
11862	Regenerative Approaches for Chronic Wounds. <i>Annual Review of Biomedical Engineering</i> , 2022, 24, 61-83.	5.7	17
11864	HIPGEN: a randomized, multicentre phase III study using intramuscular PLacenta-eXpanded stromal cells therapy for recovery following hip fracture arthroplasty. <i>Bone & Joint Open</i> , 2022, 3, 340-347.	1.1	2
11866	Evaluation of two human dental pulp stem cell cryopreservation methods. <i>Acta Odontologica Latinoamericana: AOL</i> , 2015, 28, 114-21.	0.1	3
11868	MicroRNAs as a Novel Player for Differentiation of Mesenchymal Stem Cells into Cardiomyocytes. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 27-34.	0.6	1
11871	A study of the transformation of umbilical cord mesenchymal stem cells by interferon-gamma.. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 1203-1210.	1.0	0
11872	Effect of using different co-ligands during Tc-labeling of J18 peptide on SK-MES-1 cell binding and tumor targeting.. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 1240-1246.	1.0	0
11873	Suppressive effects of dental pulp stem cells and its conditioned medium on development and migration of colorectal cancer cells through MAPKinase pathways.. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 1292-1300.	1.0	4
11877	Stem Cells from Dental Pulp of Human Exfoliated Teeth: Current Understanding and Future Challenges in Dental Tissue Engineering. <i>Chinese journal of dental research: the official journal of the Scientific Section of the Chinese Stomatological Association (CSA), The</i> , 2021, 24, 9-20.	0.1	3
11878	The Laminin Receptors Basal Cell Adhesion Molecule/Lutheran and Integrin $\alpha 7 \beta 1$ on Human Hematopoietic Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 675240.	1.8	7
11880	Mesenchymal stromal cell delivery as a potential therapeutic strategy against COVID-19: Promising evidence from <i>in vitro</i> results. <i>World Journal of Biological Chemistry</i> , 2022, 13, 47-65.	1.7	6
11881	Characterization of porcine mesenchymal stromal cells and their proliferative and osteogenic potential in long-term culture. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2021, 17, 49-55.	2.2	1
11882	Recent research on the mechanism of mesenchymal stem cells in the treatment of bronchopulmonary dysplasia.. <i>Chinese Journal of Contemporary Pediatrics</i> , 2022, 24, 108-114.	0.2	0

#	ARTICLE	IF	CITATIONS
11887	Mesenchymal stem cell therapy for COVID-19.. American Journal of Stem Cells, 2021, 10, 79-89.	0.4	0
11888	Defects in energy metabolism are associated with functional exhaustion of bone marrow mesenchymal stem cells in cirrhosis.. American Journal of Stem Cells, 2022, 11, 12-27.	0.4	0
11889	Cytokine storm and stem cell activation in unveiling potential targets for diagnosis and therapy. , 2022, , 59-70.		0
11892	New Perspectives in the Treatment of Anal Fistulas. Coloproctology, 2022, , 553-565.	0.1	1
11893	Advances and prospects of cell therapy for spinal cord injury patients. Journal of Neurorestoratology, 2022, 10, 13-30.	1.1	19
11894	Local injection of bone-marrow derived mesenchymal stromal cells alters a molecular expression profile of a contact frostbite injury wound and improves healing in a rat model. Burns, 2023, 49, 432-443.	1.1	4
11895	Human Adipose-Derived Stem Cell-Conditioned Medium Promotes Vascularization of Nanostructured Scaffold Transplanted into Nude Mice. Nanomaterials, 2022, 12, 1521.	1.9	3
11896	Lateral Mesoderm-Derived Mesenchymal Stem Cells With Robust Osteochondrogenic Potential and Hematopoiesis-Supporting Ability. Frontiers in Molecular Biosciences, 2022, 9, 767536.	1.6	3
11897	A Single-Cell Raman Spectroscopy Analysis of Bone Marrow Mesenchymal Stem/Stromal Cells to Identify Inter-Individual Diversity. International Journal of Molecular Sciences, 2022, 23, 4915.	1.8	6
11898	Mesenchymal stem cells and cancer-associated fibroblasts as a therapeutic strategy for breast cancer. British Journal of Pharmacology, 2024, 181, 238-256.	2.7	7
11899	Journey of mesenchymal stem cells in biomedical research: Current aspects and scenario. NeuroPharmac Journal, 0, , 325-335.	0.1	0
11900	Thymoquinone-Mediated Modulation of Toll-like Receptors and Pluripotency Factors in Gingival Mesenchymal Stem/Progenitor Cells. Cells, 2022, 11, 1452.	1.8	3
11901	Glucose and lipid metabolism abnormalities in <sc>C</sc>ushing's syndrome. Journal of Neuroendocrinology, 2022, 34, .	1.2	24
11902	Effects of Changes in Osmolarity on the Biological Activity of Human Normal Nucleus Pulposus Mesenchymal Stem Cells. Stem Cells International, 2022, 2022, 1-15.	1.2	0
11903	The Potential Clinical Use of Stem/Progenitor Cells and Organoids in Liver Diseases. Cells, 2022, 11, 1410.	1.8	10
11904	Human Immature Dental Pulp Stem Cells Did Not Graft into a Preexisting Human Lung Adenocarcinoma. Case Reports in Oncology, 2022, 15, 413-422.	0.3	5
11905	Osteoblast Attachment on Titanium Coated with Hydroxyapatite by Atomic Layer Deposition. Biomolecules, 2022, 12, 654.	1.8	9
11906	An Outstanding Role of Adipose Tissue in Canine Stem Cell Therapy. Animals, 2022, 12, 1088.	1.0	6

#	ARTICLE	IF	CITATIONS
11907	Inflammatory cytokine interleukin-6 (IL-6) promotes the proangiogenic ability of adipose stem cells from obese subjects via the IL-6 signaling pathway. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, .	0.6	0
11908	Improved symptoms and signs of refractory interstitial cystitis in women after intravesical Nanofat plus platelet-rich plasma grafting: A pilot study. <i>Journal of the Chinese Medical Association</i> , 2022, 85, 730-735.	0.6	6
11909	Treatment of Inherited Retinal Dystrophies with Somatic Cell Therapy Medicinal Product: A Review. <i>Life</i> , 2022, 12, 708.	1.1	3
11910	Deminerlized Cortical Bone Matrix Augmented With Peripheral Blood-Derived Mesenchymal Stem Cells for Rabbit Medial Meniscal Reconstruction. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 855103.	2.0	4
11911	Identification and functional characterization of imbalanced osteoarthritis-associated fibronectin splice variants. <i>Rheumatology</i> , 2023, 62, 894-904.	0.9	3
11912	Immunomodulatory Activities of Periodontal Ligament Stem Cells in Orthodontic Forces-Induced Inflammatory Processes: Current Views and Future Perspectives. <i>Frontiers in Oral Health</i> , 2022, 3, .	1.2	3
11913	Musculoskeletal tissue engineering: Adipose derived stromal cell implementation for the treatment of osteoarthritis. <i>Biomaterials</i> , 2022, 286, 121544.	5.7	14
11914	The Proliferation and Stemness of Peripheral Blood-Derived Mesenchymal Stromal Cells Were Enhanced by Hypoxia. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	5
11915	Type 2 Diabetes Mellitus Facilitates Shift of Adipose-Derived Stem Cells Ex Vivo Differentiation toward Osteogenesis among Patients with Obesity. <i>Life</i> , 2022, 12, 688.	1.1	4
11916	Therapeutic role of mesenchymal stem cell-derived exosomes in respiratory disease. <i>Stem Cell Research and Therapy</i> , 2022, 13, 194.	2.4	15
11917	Immunomodulation via MyD88-NF κ B Signaling Pathway from Human Umbilical Cord-Derived Mesenchymal Stem Cells in Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5295.	1.8	6
11918	Cell Based Treatment of Autoimmune Diseases in Children. <i>Frontiers in Pediatrics</i> , 2022, 10, .	0.9	0
11919	Adipose-derived stem cells in the treatment of hepatobiliary diseases and sepsis. <i>World Journal of Clinical Cases</i> , 2022, 10, 4348-4356.	0.3	3
11920	A Review of Fetal Bovine Serum in the Culture of Mesenchymal Stromal Cells and Potential Alternatives for Veterinary Medicine. <i>Frontiers in Veterinary Science</i> , 2022, 9, 859025.	0.9	17
11921	Mesenchymal Stem Cell-based Therapy and Female Infertility: Limitations and Advances. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 322-338.	0.6	3
11922	Non-canonical Wnt signaling participates in Jagged1-induced osteo/odontogenic differentiation in human dental pulp stem cells. <i>Scientific Reports</i> , 2022, 12, 7583.	1.6	9
11923	Shifting the Soil: Metformin Treatment Decreases the Protumorigenic Tumor Microenvironment in Epithelial Ovarian Cancer. <i>Cancers</i> , 2022, 14, 2298.	1.7	4
11924	Small Extracellular Vesicles Containing miR-34c Derived from Bone Marrow Mesenchymal Stem Cells Regulates Epithelial Sodium Channel via Targeting MARCKS. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5196.	1.8	7

#	ARTICLE	IF	CITATIONS
11925	Use of buccal fat pad-derived stem cells cultured on bioceramics for repair of critical-sized mandibular defects in healthy and osteoporotic rats. <i>Clinical Oral Investigations</i> , 2022, 26, 5389-5408.	1.4	4
11926	Temporomandibular Joint Fibrocartilage Contains CD105 Positive Mouse Mesenchymal Stem/Progenitor Cells with Increased Chondrogenic Potential. <i>Journal of Maxillofacial and Oral Surgery</i> , 0, , .	0.6	2
11927	Mesenchymal stem cell treatment for enteric neuropathy in the Winnie mouse model of spontaneous chronic colitis. <i>Cell and Tissue Research</i> , 2022, , 1.	1.5	3
11928	The Role of Endometrial Stem/Progenitor Cells in Recurrent Reproductive Failure. <i>Journal of Personalized Medicine</i> , 2022, 12, 775.	1.1	4
11929	Mesenchymal Stem Cells: New Alternatives for Nervous System Disorders. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 299-321.	0.6	1
11930	Osteogenic differentiation: a universal cell program of heterogeneous mesenchymal cells or a similar extracellular matrix mineralizing phenotype?. <i>Biological Communications</i> , 2022, 67, .	0.4	4
11931	Epigenetic lockdown of <i>CDKN1A</i> (p21) and <i>CDKN2A</i> (p16) characterises the neoplastic spindle cell component of giant cell tumours of bone. <i>Journal of Pathology</i> , 2022, 257, 687-696.	2.1	4
11932	Ultrasound-guided intra-articular injection of expanded umbilical cord mesenchymal stem cells in knee osteoarthritis: a safety/efficacy study with MRI data. <i>Regenerative Medicine</i> , 2022, 17, 299-312.	0.8	9
11933	Mesenchymal stromal cells-derived secretome protects Neuro-2a cells from oxidative stress-induced loss of neurogenesis. <i>Experimental Neurology</i> , 2022, 354, 114107.	2.0	6
11934	Three-Dimensional Bioprinted Controlled Release Scaffold Containing Mesenchymal Stem/Stromal Lyosecretome for Bone Regeneration: Sterile Manufacturing and In Vitro Biological Efficacy. <i>Biomedicine</i> , 2022, 10, 1063.	1.4	7
11935	The crucial mechanism and therapeutic implication of RNA methylation in bone pathophysiology. <i>Ageing Research Reviews</i> , 2022, 79, 101641.	5.0	16
11936	3D bioprinting of multilayered scaffolds with spatially differentiated ADMSCs for rotator cuff tendon-to-bone interface regeneration. <i>Applied Materials Today</i> , 2022, 27, 101510.	2.3	13
11937	Zuogui Wan slowed senescence of bone marrow mesenchymal stem cells by suppressing Wnt/ β -catenin signaling. <i>Journal of Ethnopharmacology</i> , 2022, 294, 115323.	2.0	12
11938	Dental applications of induced pluripotent stem cells and their derivatives. <i>Japanese Dental Science Review</i> , 2022, 58, 162-171.	2.0	2
11940	Role of mesenchymal stromal/stem cells in regulation of hemostasis in 3D &in vitro culture. <i>Russian Journal of Immunology: RJL: Official Journal of Russian Society of Immunology</i> , 2021, 24, 153-160.	0.2	0
11941	Dental pulp stem cells as a therapy for congenital entero-neuropathy. <i>Scientific Reports</i> , 2022, 12, 6990.	1.6	3
11942	Enhanced Repair of Enthesis Using Tenogenically Differentiated Adipose-Derived Stem Cells in a Murine Rotator Cuff Injury Model. <i>Stem Cells International</i> , 2022, 2022, 1-10.	1.2	1
11943	Preconditioning and Engineering Strategies for Improving the Efficacy of Mesenchymal Stem Cell-Derived Exosomes in Cell-Free Therapy. <i>Stem Cells International</i> , 2022, 2022, 1-18.	1.2	38

#	ARTICLE	IF	CITATIONS
11944	Light-controlled scaffold and serum-free hard palatal-derived mesenchymal stem cell aggregates for bone regeneration. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	2
11945	GMP compliant clinical grade and xenofree manufacturing of human Wharton's jelly derived mesenchymal stem cell from pooled donors. <i>Biochemical Engineering Journal</i> , 2022, 184, 108470.	1.8	2
11946	Repair of acute respiratory distress syndrome by stromal cell administration (REALIST): a structured study protocol for an open-label dose-escalation phase 1 trial followed by a randomised, triple-blind, allocation concealed, placebo-controlled phase 2 trial. <i>Trials</i> , 2022, 23, 401.	0.7	3
11947	Dental Pulp Fibroblast: A Star Cell. <i>Journal of Endodontics</i> , 2022, 48, 1005-1019.	1.4	10
11948	High-Intensity Red Light-Emitting Diode Irradiation Suppresses the Inflammatory Response of Human Periodontal Ligament Stem Cells by Promoting Intracellular ATP Synthesis. <i>Life</i> , 2022, 12, 736.	1.1	2
11949	Comparative analysis of dental pulp stem cells and stem cells from human exfoliated teeth in terms of growth kinetics, immunophenotype, self-renewal and multi lineage differentiation potential for future perspective of calcified tissue regeneration. <i>Pakistan Journal of Medical Sciences</i> , 2022, 38, .	0.3	7
11951	Mesenchymal Stem Cells for Cardiac Repair. , 2022, , 1-53.		20
11952	Opportunities and challenges: mesenchymal stem cells in the treatment of multiple sclerosis. <i>International Journal of Neuroscience</i> , 2023, 133, 1031-1044.	0.8	2
11953	Human integrin $\alpha 1$ -selected mesenchymal stem cells home to cartilage defects in the rabbit knee and assume a chondrocyte-like phenotype. <i>Stem Cell Research and Therapy</i> , 2022, 13, 206.	2.4	8
11954	Periodontal tissue regeneration by transplantation of autologous adipose tissue-derived multi-lineage progenitor cells. <i>Scientific Reports</i> , 2022, 12, 8126.	1.6	7
11955	Immune-based Therapeutic Approaches in COVID-19. <i>Biomedicine and Pharmacotherapy</i> , 2022, , 113107.	2.5	4
11956	Periodontal tissue stem cells and mesenchymal stem cells in the periodontal ligament. <i>Japanese Dental Science Review</i> , 2022, 58, 172-178.	2.0	13
11957	Tissue-specific melt electrowritten polymeric scaffolds for coordinated regeneration of soft and hard periodontal tissues. <i>Bioactive Materials</i> , 2023, 19, 268-281.	8.6	28
11958	Enhanced osteoarthritis therapy by nanoengineered mesenchymal stem cells using biomimetic CuS nanoparticles loaded with plasmid DNA encoding TGF- $\beta 1$. <i>Bioactive Materials</i> , 2023, 19, 444-457.	8.6	17
11959	Carcinoma-Associated Mesenchymal Stem/Stromal Cells: Architects of the Pro-tumorigenic Tumor Microenvironment. <i>Stem Cells</i> , 2022, 40, 705-715.	1.4	35
11960	Efficacy and safety of Lenzestrocet (Neuronata-R [®] inj.) in patients with amyotrophic lateral sclerosis (ALSUMMIT study): study protocol for a multicentre, randomized, double-blind, parallel-group, sham procedure-controlled, phase III trial. <i>Trials</i> , 2022, 23, 415.	0.7	3
11961	Posology and Serum-/Xeno-Free Engineered Adipose Stromal Cells Cell Sheets. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 873603.	1.8	0
11962	Comparing the chondrogenic potential of rabbit mesenchymal stem cells derived from the infrapatellar fat pad, periosteum & bone marrow. <i>Indian Journal of Medical Research</i> , 2021, 154, 732.	0.4	4

#	ARTICLE	IF	CITATIONS
11963	Biodistribution of mesenchymal stem cells (MSCs) in animal models and implied role of exosomes following systemic delivery of MSCs: a systematic review.. American Journal of Translational Research (discontinued), 2022, 14, 2147-2161.	0.0	0
11965	The RhoA nuclear localization changes in replicative senescence: New evidence from in vitro human mesenchymal stem cells studies. Biocell, 2022, 46, 2053-2058.	0.4	2
11966	Heterogeneity of In Vitro Expanded Mesenchymal Stromal Cells and Strategies to Improve Their Therapeutic Actions. Pharmaceuticals, 2022, 14, 1112.	2.0	19
11967	Restoration of BDNF, DARPP32, and D2R Expression Following Intravenous Infusion of Human Immature Dental Pulp Stem Cells in Huntingtonâ€™s Disease 3-NP Rat Model. Cells, 2022, 11, 1664.	1.8	13
11968	Short cytoplasmic isoform of IL1R1/CD121a mediates IL1 β induced proliferation of synovium-derived mesenchymal stem/stromal cells through ERK1/2 pathway. Heliyon, 2022, 8, e09476.	1.4	0
11969	CD146+ Pericytes Subset Isolated from Human Micro-Fragmented Fat Tissue Display a Strong Interaction with Endothelial Cells: A Potential Cell Target for Therapeutic Angiogenesis. International Journal of Molecular Sciences, 2022, 23, 5806.	1.8	7
11971	Myoglobin expression by alternative transcript in different mesenchymal stem cells compartments. Stem Cell Research and Therapy, 2022, 13, .	2.4	2
11972	Differentiation Capacity of Human Urine-Derived Stem Cells to Retain Telomerase Activity. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	10
11973	Standard toxicity study of clinical-grade allogeneic human bone marrow-derived clonal mesenchymal stromal cells. Stem Cell Research and Therapy, 2022, 13, .	2.4	8
11974	Effect of Type 2 Diabetes Mellitus Patientâ€™s Serum as Preconditioning on Umbilical Cord Mesenchymalâ€™Derived Secretome Production. Regenerative Engineering and Translational Medicine, 0, , .	1.6	0
11975	Epigallocatechine-3-gallate Inhibits the Adipogenesis of Human Mesenchymal Stem Cells via the Regulation of Protein Phosphatase-2A and Myosin Phosphatase. Cells, 2022, 11, 1704.	1.8	2
11976	Antioxidants Attenuate Heat Shock Induced Premature Senescence of Bovine Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2022, 23, 5750.	1.8	7
11977	Anti-rheumatoid drugs advancements: New insights into the molecular treatment of rheumatoid arthritis. Biomedicine and Pharmacotherapy, 2022, 151, 113126.	2.5	35
11978	Basic points to consider regarding the preparation of extracellular vesicles and their clinical applications in Japan. Regenerative Therapy, 2022, 21, 19-24.	1.4	7
11979	Quality assessment of a serum and xenofree medium for the expansion of human GMP-grade mesenchymal stromal cells. PeerJ, 0, 10, e13391.	0.9	3
11980	A Descriptive Study of the Physical Direct Interaction between Adipose Tissue-Mesenchymal Stem Cells and Colo 205 Cells: Impact on Cancer Cells Stemness, and Intracellular Reactive Oxygen Species Levels. Asian Pacific Journal of Cancer Prevention, 2022, 23, 1635-1645.	0.5	1
11981	Safety and Clinical Efficacy of Mesenchymal Stem Cell Treatment in Traumatic Spinal Cord Injury, Multiple Sclerosis and Ischemic Stroke â€™ A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2022, 13, .	1.1	13
11982	Dynamic Epicardial Contribution to Cardiac Interstitial c-Kit and Sca1 Cellular Fractions. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	0

#	ARTICLE	IF	CITATIONS
11983	The Hunt Is On! In Pursuit of the Ideal Stem Cell Population for Cartilage Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	2.0	6
11984	Relationship of HIF-1 α expression with apoptosis and cell cycle in bone marrow mesenchymal stem cells from patients with myelodysplastic syndrome. <i>Molecular Medicine Reports</i> , 2022, 26, .	1.1	1
11985	Urinary metals, arsenic, and polycyclic aromatic hydrocarbon exposure and risk of chronic bronchitis in the US adult population. <i>Environmental Science and Pollution Research</i> , 2022, 29, 73480-73491.	2.7	11
11986	Isolation and Characterization of Cat Olfactory Ecto-Mesenchymal Stem Cells. <i>Animals</i> , 2022, 12, 1284.	1.0	1
11987	Effects of ginsenoside Rg1 on proliferation and directed differentiation of human umbilical cord mesenchymal stem cells into neural stem cells. <i>NeuroReport</i> , 0, Publish Ahead of Print, .	0.6	4
11988	A Comparative In Vitro and In Vivo Study of Osteogenicity by Using Two Biomaterials and Two Human Mesenchymal Stem Cell Subtypes. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	1
11989	Extracellular Vesicles Released from Stem Cells as a New Therapeutic Strategy for Primary and Secondary Glomerulonephritis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5760.	1.8	4
11990	Enhancing the Therapeutic Potential of Mesenchymal Stromal Cell-Based Therapies with an Anti-Fibrotic Agent for the Treatment of Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6035.	1.8	5
11992	Umbilical cord mesenchymal stem cell-derived exosomes reverse endometrial fibrosis by the miR-145-5p/ZEB2 axis in intrauterine adhesions. <i>Reproductive BioMedicine Online</i> , 2023, 46, 234-243.	1.1	3
11993	Living Biointerfaces for the Maintenance of Mesenchymal Stem Cell Phenotypes. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	4
11994	Treatment and application of stem cells from different sources for cartilage injury: a literature review. <i>Annals of Translational Medicine</i> , 2022, 10, 610-610.	0.7	1
11995	Mechanisms of Regenerative Potential Activation in Cardiac Mesenchymal Cells. <i>Biomedicines</i> , 2022, 10, 1283.	1.4	5
11996	Secretory Profile of Adipose-Tissue-Derived Mesenchymal Stem Cells from Cats with Calicivirus-Positive Severe Chronic Gingivostomatitis. <i>Viruses</i> , 2022, 14, 1146.	1.5	3
11997	Mesenchymal stem cells derived from different perinatal tissues donated by same donors manifest variant performance on the acute liver failure model in mouse. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	4
11998	Mesenchymal Stromal Cell Therapy in Spinal Cord Injury: Mechanisms and Prospects. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	6
11999	Effects of Different Basal Cell Culture Media upon the Osteogenic Response of hMSCs Evaluated by ^{99m} Tc-HDP Labeling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6288.	1.8	5
12000	Synergy effects of copper and L-arginine on osteogenic, angiogenic, and antibacterial activities. <i>Tissue and Cell</i> , 2022, 77, 101849.	1.0	6
12001	In vitro generation of transplantable insulin-producing cells from canine adipose-derived mesenchymal stem cells. <i>Scientific Reports</i> , 2022, 12, .	1.6	8

#	ARTICLE	IF	CITATIONS
12002	Mesenchymal Stem/Stromal Cells in Progressive Fibrogenic Involvement and Anti-Fibrosis Therapeutic Properties. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	0
12003	Bisphenol A and 2,3,7,8-tetrachlorodibenzo-p-dioxin at non-cytotoxic doses alter the differentiation potential and cell function of rat adipose stem cells. <i>Environmental Toxicology</i> , 2022, 37, 2314-2323.	2.1	5
12004	Significance of Placental Mesenchymal Stem Cell in Placenta Development and Implications for Preeclampsia. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
12005	Adipose-derived stromal/stem cells are verified to be potential seed candidates for bio-root regeneration in three-dimensional culture. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	10
12006	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Modulate Hematopoietic Stem and Progenitor Cell Viability and the Expression of Cell Cycle Regulators in an Age-dependent Manner. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	2.0	9
12007	Scaffold-free 3D culturing enhance pluripotency, immunomodulatory factors, and differentiation potential of Wharton's jelly-mesenchymal stem cells. <i>European Journal of Cell Biology</i> , 2022, 101, 151245.	1.6	8
12012	PERİODONTAL TEDAVİDE Kİ-Kİ HİCRE UYGULAMALARI. Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, 0, 1-1.	0.0	0
12014	Mesenchymal stem cells, the secretome and biomaterials: Regenerative medicine application. <i>Biocell</i> , 2022, 46, 2201-2208.	0.4	0
12016	Articular Cartilage Regeneration in Veterinary Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 23-55.	0.8	3
12018	Endometrial Cancer-Infiltrating Mesenchymal Stem Cells Exhibit Immunosuppressive Effects. <i>Cell Transplantation</i> , 2022, 31, 096368972211044.	1.2	2
12020	Polythiophene-mediated light modulation of membrane potential and calcium signalling in human adipose-derived stem/stromal cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9823-9833.	2.7	4
12022	Stem Cell Therapeutics in veterinary medicine in India. <i>Indian Journal of Animal Sciences</i> , 2022, 92, .	0.1	1
12023	Resveratrol maintain Human Iliac Bone Marrow Mesenchymal Stem Cells Stemness through Sirtuin 1 Mediated Regulation of SRY-Box Transcription Factor 2: an in vitro and in silico study. <i>Research Journal of Pharmacy and Technology</i> , 2022, , 2313-2319.	0.2	0
12024	Manufacturing Mesenchymal Stromal Cells for the Treatment of Osteoarthritis in Canine Patients: Challenges and Recommendations. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	12
12025	Comparison of Biological Features of Wild European Rabbit Mesenchymal Stem Cells Derived from Different Tissues. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6420.	1.8	3
12026	Matrix-bound Cyr61/CCN1 is required to retain the properties of the bone marrow mesenchymal stem cell niche but is depleted with aging. <i>Matrix Biology</i> , 2022, 111, 108-132.	1.5	9
12027	Therapeutic Potential of Mesenchymal Stem Cells versus Omega n 3 Polyunsaturated Fatty Acids on Gentamicin-Induced Cardiac Degeneration. <i>Pharmaceutics</i> , 2022, 14, 1322.	2.0	5
12028	Sugar-Assisted Cryopreservation of Stem Cell-Laden Gellan Gum-Collagen Interpenetrating Network Hydrogels. <i>Biomacromolecules</i> , 2022, 23, 2803-2813.	2.6	6

#	ARTICLE	IF	CITATIONS
12029	Optimization of Mesenchymal Stromal Cell (MSC) Manufacturing Processes for a Better Therapeutic Outcome. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	24
12030	Optimization of Multimodal Nanoparticles Internalization Process in Mesenchymal Stem Cells for Cell Therapy Studies. <i>Pharmaceutics</i> , 2022, 14, 1249.	2.0	4
12032	Effects of Olfactory Mucosa Stem/Stromal Cell and Olfactory Ensheathing Cells Secretome on Peripheral Nerve Regeneration. <i>Biomolecules</i> , 2022, 12, 818.	1.8	1
12033	Current Status of Mesenchymal Stem/Stromal Cells for Treatment of Neurological Diseases. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	8
12034	Adipose tissue in bone regeneration - stem cell source and beyond. <i>World Journal of Stem Cells</i> , 2022, 14, 372-392.	1.3	2
12035	Altered differentiation of endometrial mesenchymal stromal fibroblasts is associated with endometriosis susceptibility. <i>Communications Biology</i> , 2022, 5, .	2.0	4
12036	Different Sources of Mesenchymal Stem Cells for Tissue Regeneration: A Guide to Identifying the Most Favorable One in Orthopedics and Dentistry Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6356.	1.8	34
12037	Differences in the stemness characteristics and molecular markers of distinct human oral tissue neural crest-derived multilineage cells. <i>Cell Proliferation</i> , 2022, 55, .	2.4	2
12038	A long-term anti-inflammation markedly alleviated high-fat diet-induced obesity by repeated administrations of overexpressing IL10 human umbilical cord-derived mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	11
12039	Bone Marrow Derived Mesenchymal Stromal Cells Promote Vascularization and Ciliation in Airway Mucosa Tri-Culture Models in Vitro. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	3
12040	Human umbilical cord mesenchymal stem cell-derived treatment of severe pulmonary arterial hypertension. , 2022, 1, 568-576.		6
12041	Secondary Lymphoid Organs in Mesenchymal Stromal Cell Therapy: More Than Just a Filter. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
12042	Effects of platelet-rich fibrin on osteogenic differentiation of Schneiderian membrane derived mesenchymal stem cells and bone formation in maxillary sinus. <i>Cell Communication and Signaling</i> , 2022, 20, .	2.7	11
12043	Serum-Free Cultures: Could They Be a Future Direction to Improve Neuronal Differentiation of Mesenchymal Stromal Cells?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6391.	1.8	7
12044	Topical applications of allogeneic adipose-derived mesenchymal stem cells ameliorate the canine keratoconjunctivitis sicca. <i>BMC Veterinary Research</i> , 2022, 18, .	0.7	3
12045	Effect of the Combination of Everolimus and Mesenchymal Stromal Cells on Regulatory T Cells Levels and in a Liver Transplant Rejection Model in Rats. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
12046	Characterization of an Innovative Biomaterial Derived From Human Wharton's Jelly as a New Promising Coating for Tissue Engineering Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
12047	N-methyl-D-aspartate receptor blockers attenuate bleomycin-induced pulmonary fibrosis by inhibiting endogenous mesenchymal stem cells senescence. <i>Annals of Translational Medicine</i> , 2022, 10, 642-642.	0.7	2

#	ARTICLE	IF	CITATIONS
12048	Phenotypic and Functional Characterizations of Mesenchymal Stem/Stromal Cells Isolated From Human Cranial Bone Marrow. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
12049	Modulated nanowire scaffold for highly efficient differentiation of mesenchymal stem cells. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	6
12050	Bone regeneration in critical-sized mandibular symphysis defects using bioceramics with or without bone marrow mesenchymal stem cells in healthy, diabetic, osteoporotic, and diabetic-osteoporotic rats. <i>Dental Materials</i> , 2022, 38, 1283-1300.	1.6	3
12051	Mesenchymal stem cell transplantation in newly diagnosed type-1 diabetes patients: a phase I/II randomized placebo-controlled clinical trial. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	28
12052	Single-cell RNA sequencing of subcutaneous adipose tissues identifies therapeutic targets for cancer-associated lymphedema. <i>Cell Discovery</i> , 2022, 8, .	3.1	7
12053	Safety of Lavender Oil-Loaded Niosomes for In Vitro Culture and Biomedical Applications. <i>Nanomaterials</i> , 2022, 12, 1999.	1.9	9
12054	Mesenchymal stromal cells cultured in physiological conditions sustain citrate secretion with glutamate anaplerosis. <i>Molecular Metabolism</i> , 2022, , 101532.	3.0	3
12055	Clinical Application of Induced Hepatocyte-like Cells Produced from Mesenchymal Stromal Cells: A Literature Review. <i>Cells</i> , 2022, 11, 1998.	1.8	2
12056	Bone Marrow Stromal Cell Regeneration Profile in Treated B-Cell Precursor Acute Lymphoblastic Leukemia Patients: Association with MRD Status and Patient Outcome. <i>Cancers</i> , 2022, 14, 3088.	1.7	3
12058	RGD-Functionalized Hydrogel Supports the Chondrogenic Commitment of Adipose Mesenchymal Stromal Cells. <i>Gels</i> , 2022, 8, 382.	2.1	8
12059	In Vitro Characterization of the Human Skeletal Stem Cell-like Properties of Primary Bone-Derived Mesenchymal Stem/Stromal Cells in Patients with Late and Early Hip Osteoarthritis. <i>Life</i> , 2022, 12, 899.	1.1	2
12060	Chronic obstructive pulmonary disease and asthma: mesenchymal stem cells and their extracellular vesicles as potential therapeutic tools. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	23
12061	Feline Adipose Derived Multipotent Stromal Cell Transdifferentiation Into Functional Insulin Producing Cell Clusters. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
12062	Comparison of CD146 ⁺ /CD133 ⁺ mesenchymal stem cells in improving premature ovarian failure. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	10
12063	Effect of spheroid size on gene expression profiles of a mouse mesenchymal stem cell line in spheroid culture. <i>Bio-Medical Materials and Engineering</i> , 2022, , 1-10.	0.4	1
12064	Guideline of clinical neurorestorative treatment for brain trauma (2022 China version). <i>Journal of Neurorestoratology</i> , 2022, 10, 100005.	1.1	6
12065	A Comparative Study of Canine Mesenchymal Stem Cells Isolated from Different Sources. <i>Animals</i> , 2022, 12, 1502.	1.0	9
12066	Mesenchymal Stem Cell Therapy: A Potential Treatment Targeting Pathological Manifestations of Traumatic Brain Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-11.	1.9	3

#	ARTICLE	IF	CITATIONS
12067	Myogenic Determination and Differentiation of Chicken Bone Marrow-Derived Mesenchymal Stem Cells under Different Inductive Agents. <i>Animals</i> , 2022, 12, 1531.	1.0	0
12068	Collagen Membrane Derived from Fish Scales for Application in Bone Tissue Engineering. <i>Polymers</i> , 2022, 14, 2532.	2.0	10
12069	Pressure Overload Activates DNA-Damage Response in Cardiac Stromal Cells: A Novel Mechanism Behind Heart Failure With Preserved Ejection Fraction?. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	1
12070	Opportunities and challenges in stem cell therapy in cardiovascular diseases: Position standing in 2022. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 1360-1371.	1.2	4
12071	Human umbilical cord-derived mesenchymal stem cells not only ameliorate blood glucose but also protect vascular endothelium from diabetic damage through a paracrine mechanism mediated by MAPK/ERK signaling. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	17
12072	CD317-Positive Immune Stromal Cells in Human "Mesenchymal Stem Cell" Populations. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
12073	A Possible Cause for the Differential Expression of a Subset of miRNAs in Mesenchymal Stem Cells Derived from Myometrium and Leiomyoma. <i>Genes</i> , 2022, 13, 1106.	1.0	2
12074	An Overview of Current Research on Mesenchymal Stem Cell-Derived Extracellular Vesicles: A Bibliometric Analysis From 2009 to 2021. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	17
12075	Role and Function of Mesenchymal Stem Cells on Fibroblast in Cutaneous Wound Healing. <i>Biomedicines</i> , 2022, 10, 1391.	1.4	6
12076	<i>S</i> -allylmercapto- <i>N</i> -acetylcysteine protects bone cells from oxidation and improves femur microarchitecture in healthy and diabetic mice. <i>Experimental Biology and Medicine</i> , 2022, 247, 1489-1500.	1.1	1
12077	Identification, discrimination and heterogeneity of fibroblasts. <i>Nature Communications</i> , 2022, 13, .	5.8	43
12078	3D-Printed PLA-Bioglass Scaffolds with Controllable Calcium Release and MSC Adhesion for Bone Tissue Engineering. <i>Polymers</i> , 2022, 14, 2389.	2.0	18
12079	Effects of mesenchymal stem cell transplantation on spinal cord injury patients. <i>Cell and Tissue Research</i> , 2022, 389, 373-384.	1.5	10
12080	Adipose-Derived Mesenchymal Stem Cells Reprogram M1 Macrophage Metabolism via PHD2/HIF-1 \pm Pathway in Colitis Mice. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
12081	Mesenchymal stromal/stem cells spheroid culture effect on the therapeutic efficacy of these cells and their exosomes: A new strategy to overcome cell therapy limitations. <i>Biomedicine and Pharmacotherapy</i> , 2022, 152, 113211.	2.5	17
12082	Mesenchymal stem cell application for treatment of neuroinflammation-induced cognitive impairment in mice. <i>Regenerative Medicine</i> , 2022, 17, 533-546.	0.8	7
12083	Tailoring Cu ²⁺ -loaded electrospun membranes with antibacterial ability for guided bone regeneration. , 2022, 139, 212976.		7
12084	Single ion channel recording in 3D culture of stem cells using patch-clamp technique. <i>Biochemical and Biophysical Research Communications</i> , 2022, 619, 22-26.	1.0	2

#	ARTICLE	IF	CITATIONS
12085	Methods to isolate adipose tissue-derived stem cells. <i>Methods in Cell Biology</i> , 2022, , 215-228.	0.5	6
12086	Biomaterials for angiogenesis applications in an orthopedic context. , 2022, , 415-438.		0
12087	Well-orchestrated physico-chemical and biological factors for enhanced secretion of osteogenic and angiogenic extracellular vesicles by mesenchymal stem cells in a 3D culture format. <i>Biomaterials Science</i> , 0, , .	2.6	4
12088	Human Umbilical Cord Mesenchymal Stem Cells for Severe Neurological Sequelae due to Anti-N-Methyl-Aspartate Receptor Encephalitis: First Case Report. <i>Cell Transplantation</i> , 2022, 31, 096368972211108.	1.2	2
12089	Steering the multipotent mesenchymal cells towards an anti-inflammatory and osteogenic bias via photobiomodulation therapy: How to kill two birds with one stone. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142211101.	2.3	11
12091	Stem Cell Technology in Medical Biotechnology. , 2022, , 233-267.		1
12093	Delivery Strategy of Magnetically Targeted Nanoparticles Based on Umbilical Cord Mesenchymal Stem Cells. <i>Science of Advanced Materials</i> , 2022, 14, 603-611.	0.1	0
12094	Morphofunctional characteristics of adipose-derived multipotent mesenchymal stromal cells from CBA/Ca mice of different ages in cell culture in vitro. <i>Cell and Organ Transplantation</i> , 2022, 10, .	0.2	0
12095	The effects of transplanted adipose-derived multipotent mesenchymal stromal cells from mice of different age or from aging donors in combination with melatonin at experimental parkinsonism. <i>Cell and Organ Transplantation</i> , 2022, 10, .	0.2	2
12096	Gene Therapy in Orthopaedics: Progress and Challenges in Pre-Clinical Development and Translation. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	9
12097	Application of stem cells and exosomes in the treatment of intracerebral hemorrhage: an update. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	8
12098	Universal or Personalized Mesenchymal Stem Cell Therapies: Impact of Age, Sex, and Biological Source. <i>Cells</i> , 2022, 11, 2077.	1.8	11
12099	Proteomic analysis of MSC-derived apoptotic vesicles identifies Fas inheritance to ameliorate haemophilia a via activating platelet functions. <i>Journal of Extracellular Vesicles</i> , 2022, 11, .	5.5	28
12100	Improved osteogenic differentiation by extremely low electromagnetic field exposure: possible application for bone engineering. <i>Histochemistry and Cell Biology</i> , 0, , .	0.8	1
12101	Mining the Mesenchymal Stromal Cell Secretome in Patients with Chronic Left Ventricular Dysfunction. <i>Cells</i> , 2022, 11, 2092.	1.8	1
12102	A three-dimensional (3D), serum-free, Collagen Type I system for chondrogenesis of canine bone marrow-derived multipotent stromal cells (cMSCs). <i>PLoS ONE</i> , 2022, 17, e0269571.	1.1	0
12103	Application of cells of cord blood and umbilical cord: achievements, challenges and perspectives. <i>Innovative Medicine of Kuban</i> , 2022, , 67-76.	0.0	0
12104	Preclinical study of human umbilical cord mesenchymal stem cell sheets for the recovery of ischemic heart tissue. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	16

#	ARTICLE	IF	CITATIONS
12106	Strategies for Regenerative Vascular Tissue Engineering. <i>Advanced Biology</i> , 2023, 7, .	1.4	4
12107	The Effects of Mesenchymal Stem Cells on Oral Cancer and Possible Therapy Regime. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	2
12108	Mesenchymal Stem Cell Exosomes as Nanotherapeutic Agents for Neurodegenerative Diseases. , 0, 2, 7-14.		0
12109	Cytostatic Effects of Polyethyleneimine Surfaces on the Mesenchymal Stromal Cell Cycle. <i>Polymers</i> , 2022, 14, 2643.	2.0	3
12110	An Appearance Data-Driven Model Visualizes Cell State and Predicts Mesenchymal Stem Cell Regenerative Capacity. <i>Small Methods</i> , 0, , 2200087.	4.6	1
12111	3D biomaterial P scaffolds carrying umbilical cord mesenchymal stem cells improve biointegration of keratoprosthesis. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 055004.	1.7	1
12112	Comprehensive proteomic analysis of exosome mimetic vesicles and exosomes derived from human umbilical cord mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	25
12113	Mesenchymal stem cell-derived extracellular vesicles for immunomodulation and regeneration: a next generation therapeutic tool?. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	114
12114	Possible Effect of the use of Mesenchymal Stromal Cells in the Treatment of Autism Spectrum Disorders: A Review. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	1
12115	Therapy with mesenchymal stem cell transplantation in multiple sclerosis ready for prime time: Commentary. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1328-1329.	1.4	2
12116	Adult Stem Cell Research in Light of the Bovine Mammary Gland Regenerative Medicine. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 740-749.	0.6	1
12117	Mesenchymal stem cells and prostate cancer: A concise review of therapeutic potentials and biological aspects. <i>Stem Cell Research</i> , 2022, 63, 102864.	0.3	4
12118	Human Mesenchymal Stromal Cells Do Not Cause Radioprotection of Head-and-Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7689.	1.8	2
12119	Micro/nano-topography promotes osteogenic differentiation of bone marrow stem cells by regulating periostin expression. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 218, 112700.	2.5	8
12120	Osteogenic growth peptide enhances osteogenic differentiation of human periodontal ligament stem cells. <i>Heliyon</i> , 2022, 8, e09936.	1.4	3
12121	The Mesenchymal Niche in Myelodysplastic Syndromes. <i>Diagnostics</i> , 2022, 12, 1639.	1.3	2
12122	Cytokine Activation Reveals Tissue-Imprinted Gene Profiles of Mesenchymal Stromal Cells. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
12123	Genome-Wide Screening of Differentially Expressed Genes and their Potential Associations with Aging Dental Pulp Stem Cells. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2023, 26, 1337-1350.	0.6	3

#	ARTICLE	IF	CITATIONS
12124	Human Adipose-Derived Stem Cells Delay Muscular Atrophy after Peripheral Nerve Injury in Rats. <i>Cell Biochemistry and Biophysics</i> , 2022, 80, 555-562.	0.9	5
12125	Clinical Safety and Effectiveness of Adipose-Derived Stromal Cell vs Stromal Vascular Fraction Injection for Treatment of Knee Osteoarthritis: 2-Year Results of Parallel Single-Arm Trials. <i>American Journal of Sports Medicine</i> , 2022, 50, 2659-2668.	1.9	10
12126	Robust coupling of angiogenesis and osteogenesis by VEGF-decorated matrices for bone regeneration. <i>Acta Biomaterialia</i> , 2022, 149, 111-125.	4.1	26
12127	Mesenchymal Stem Cells Proliferation on Konjac Glucomannan Microcarriers: Effect of Rigidity. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022, 40, 1080-1089.	2.0	3
12128	Adipose-derived mesenchymal stem cell-derived HCAR1 regulates immune response in the attenuation of sepsis. <i>Molecular Medicine Reports</i> , 2022, 26, .	1.1	2
12129	A Three-Dimensional Printed Polycaprolactone-Biphasic-Calcium-Phosphate Scaffold Combined with Adipose-Derived Stem Cells Cultured in Xenogeneic Serum-Free Media for the Treatment of Bone Defects. <i>Journal of Functional Biomaterials</i> , 2022, 13, 93.	1.8	5
12130	Single-Cell Transcriptome Analysis Reveals Mesenchymal Stem Cells in Cavernous Hemangioma. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	4
12131	Editorial: Mesenchymal Stromal Cells: Preclinical and Clinical Challenges. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	0
12132	Stromal Co-Cultivation for Modeling Breast Cancer Dormancy in the Bone Marrow. <i>Cancers</i> , 2022, 14, 3344.	1.7	4
12133	Determinants of Dental Pulp Stem Cell Heterogeneity. <i>Journal of Endodontics</i> , 2022, 48, 1232-1240.	1.4	4
12134	Enhancing Mesenchymal Stromal Cell Potency: Inflammatory Licensing via Mechanotransduction. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
12135	Anti-inflammatory effect of mesenchymal stem cells on hepatocellular carcinoma in the xenograft mice model. <i>Veterinary Medicine and Science</i> , 2022, 8, 2086-2091.	0.6	1
12136	Differences in chemotaxis of human mesenchymal stem cells and cervical cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022, 27, 840-851.	2.2	1
12137	Metformin combats high glucose-induced damage to the osteogenic differentiation of human periodontal ligament stem cells via inhibition of the NPR3-mediated MAPK pathway. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	10
12138	Role of mesenchymal stromal cells derivatives in diabetic foot ulcers: a controlled randomized phase 1/2 clinical trial. <i>Cytotherapy</i> , 2022, 24, 1035-1048.	0.3	6
12139	Sources of mesenchymal stem cells and its potential. <i>IP International Journal of Orthopaedic Rheumatology</i> , 2022, 8, 4-8.	0.1	0
12140	Osteoporosis treatment by mesenchymal stromal/stem cells and their exosomes: Emphasis on signaling pathways and mechanisms. <i>Life Sciences</i> , 2022, 306, 120717.	2.0	5
12141	Periosteal Skeletal Stem and Progenitor Cells in Bone Regeneration. <i>Current Osteoporosis Reports</i> , 2022, 20, 334-343.	1.5	14

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12142	Vascular injury of immature epiphyses impair stem cell engraftment in cartilage defects. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
12143	Preclinical Development of a Therapy for Chronic Traumatic Spinal Cord Injury in Rats Using Human Wharton's Jelly Mesenchymal Stromal Cells: Proof of Concept and Regulatory Compliance. <i>Cells</i> , 2022, 11, 2153.	1.8	1
12144	Labial Mucosa Stem Cells: Isolation, Characterization, and Their Potential for Corneal Epithelial Reconstruction. , 2022, 63, 16.		3
12145	Human umbilical cord blood-derived MSCs trans-differentiate into endometrial cells and regulate Th17/Treg balance through NF- κ B signaling in rabbit intrauterine adhesions endometrium. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	4
12146	Safety, immunological effects and clinical response in a phase I trial of umbilical cord mesenchymal stromal cells in patients with treatment refractory SLE. <i>Lupus Science and Medicine</i> , 2022, 9, e000704.	1.1	9
12147	Decreased differentiation capacity and altered expression of extracellular matrix components in irradiation-mediated senescent human breast adipose-derived stem cells. <i>IUBMB Life</i> , 2022, 74, 969-981.	1.5	2
12148	Mesenchymal stromal cells: promising treatment for liver cirrhosis. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	12
12149	The Effects of Transforming Growth Factor- β 21 on the Differentiation of Cell Organoids Composed of Gingiva-Derived Stem Cells. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	1
12150	Uterus: A Unique Stem Cell Reservoir Able to Support Cardiac Repair via Crosstalk among Uterus, Heart, and Bone Marrow. <i>Cells</i> , 2022, 11, 2182.	1.8	0
12151	Exploring the Immunomodulatory Aspect of Mesenchymal Stem Cells for Treatment of Severe Coronavirus Disease 19. <i>Cells</i> , 2022, 11, 2175.	1.8	7
12152	Effect of Pre-Processing Storage Condition of Cell Culture-Conditioned Medium on Extracellular Vesicles Derived from Human Umbilical Cord-Derived Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7716.	1.8	3
12153	Can a Scaffold Enriched with Mesenchymal Stem Cells Be a Good Treatment for Spinal Cord Injury?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7545.	1.8	7
12154	Biophysical evaluation of treating adipose tissue-derived stem cells using non-thermal atmospheric pressure plasma. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
12155	Chemokine CXCL12 drives pericyte accumulation and airway remodeling in allergic airway disease. <i>Respiratory Research</i> , 2022, 23, .	1.4	5
12156	Emerging Anti-Inflammatory Pharmacotherapy and Cell-Based Therapy for Lymphedema. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7614.	1.8	8
12157	Non-homologous use of adipose-derived cell and tissue therapies: Osteoarthritis as a case study. <i>Bone Reports</i> , 2022, 17, 101601.	0.2	5
12158	Mesenchymal Stem Cell-Derived Extracellular Vesicles as an Advanced Therapy for Chronic Wounds. <i>Cold Spring Harbor Perspectives in Biology</i> , 2022, 14, a041227.	2.3	9
12159	Cellular Heterogeneity Facilitates the Functional Differences Between Hair Follicle Dermal Sheath Cells and Dermal Papilla Cells: A New Classification System for Mesenchymal Cells within the Hair Follicle Niche. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2016-2027.	1.7	3

#	ARTICLE	IF	CITATIONS
12160	S100A6 as a Constituent and Potential Marker of Adult and Cancer Stem Cells. <i>Stem Cell Reviews and Reports</i> , 0, , .	1.7	2
12161	Specific features of obese patients significantly influence the functional cell properties of adipose-derived stromal cells. <i>Journal of Cellular and Molecular Medicine</i> , 0, , .	1.6	2
12162	Macrophage bioassay standardization to assess the anti-inflammatory activity of mesenchymal stromal cell-derived small extracellular vesicles. <i>Cytotherapy</i> , 2022, 24, 999-1012.	0.3	11
12163	In vitro evaluation of pediatric restorative materials on human dental pulp stem cells. <i>Tissue and Cell</i> , 2022, 77, 101871.	1.0	0
12164	Neutrophils in the tumor microenvironment and their functional modulation by mesenchymal stromal cells. <i>Cellular Immunology</i> , 2022, 379, 104576.	1.4	4
12165	Gclc overexpression inhibits apoptosis of bone marrow mesenchymal stem cells through the PI3K/AKT/Foxo1 pathway to alleviate inflammation in acute lung injury. <i>International Immunopharmacology</i> , 2022, 110, 109017.	1.7	5
12166	Scientific zero to one: Some common properties of highly-influential papers. <i>Malaysian Journal of Library and Information Science</i> , 2021, 26, 1-32.	0.3	0
12167	Use of Multiple Wharton Jelly Mesenchymal Stem Cell Transplants in Treatment of Incomplete Spinal Cord Injury: A Case Report. <i>Experimental and Clinical Transplantation</i> , 2022, 20, 878-882.	0.2	1
12168	A Review on the Application of Stem Cell Secretome in the Protection and Regeneration of Retinal Ganglion Cells; a Clinical Prospect in the Treatment of Optic Neuropathies. <i>Current Eye Research</i> , 2022, 47, 1463-1471.	0.7	3
12169	Potential Cell-Based and Cell-Free Therapy for Patients with COVID-19. <i>Cells</i> , 2022, 11, 2319.	1.8	9
12170	Role of hypoxia preconditioning in therapeutic potential of mesenchymal stem-cell-derived extracellular vesicles. <i>World Journal of Stem Cells</i> , 2022, 14, 453-472.	1.3	25
12171	Focus on the tumor microenvironment: A seedbed for neuroendocrine prostate cancer. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	7
12172	Stem cells for treatment of liver fibrosis/cirrhosis: clinical progress and therapeutic potential. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	22
12173	Pretreatment of nucleus pulposus mesenchymal stem cells with appropriate concentration of H2O2 enhances their ability to treat intervertebral disc degeneration. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	8
12174	Chemokine Assay Matrix Defines the Potency of Human Bone Marrow Mesenchymal Stromal Cells. <i>Stem Cells Translational Medicine</i> , 2022, 11, 971-986.	1.6	11
12175	Mesenchymal Stem Cell-Derived Antimicrobial Peptides as Potential Anti-Neoplastic Agents: New Insight into Anticancer Mechanisms of Stem Cells and Exosomes. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	13
12176	Treatment of knee cartilage by cultured stem cells and three dimensional scaffold: a phase I/IIa clinical trial. <i>International Orthopaedics</i> , 2023, 47, 2375-2382.	0.9	3
12177	Immunomodulation of Mesenchymal Stem Cells in Acute Lung Injury: From Preclinical Animal Models to Treatment of Severe COVID-19. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8196.	1.8	9

#	ARTICLE	IF	CITATIONS
12178	Transcriptomic Profiling of Human Limbus-Derived Stromal/Mesenchymal Stem Cells—Novel Mechanistic Insights into the Pathways Involved in Corneal Wound Healing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8226.	1.8	5
12179	Novel approaches for long-term lung transplant survival. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
12180	Evaluation of a Novel Thiol—Norborene-Functionalized Gelatin Hydrogel for Bioprinting of Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7939.	1.8	7
12181	Single-cell RNA sequencing reveals the potential mechanism of heterogeneity of immunomodulatory properties of foreskin and umbilical cord mesenchymal stromal cells. <i>Cell and Bioscience</i> , 2022, 12, .	2.1	5
12182	Mesenchymal stromal cells as a tool to unravel the developmental origins of disease. <i>Trends in Endocrinology and Metabolism</i> , 2022, 33, 614-627.	3.1	5
12183	Bone marrow mesenchymal stromal cells for diabetes therapy: touch, fuse, and fix?. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	6
12184	Mesenchymal Stromal Cells (MSCs): An Ally of B-Cell Acute Lymphoblastic Leukemia (B-ALL) Cells in Disease Maintenance and Progression within the Bone Marrow Hematopoietic Niche. <i>Cancers</i> , 2022, 14, 3303.	1.7	11
12185	Site-specific characteristics of bone and progenitor cells in control and ovariectomized rats. <i>Bone</i> , 2022, 163, 116501.	1.4	2
12186	Stem Cells: A Promising Therapeutic Target for COVID-19. <i>Stem Cell Discovery</i> , 2022, 12, 1-27.	0.5	1
12187	Restoring the Angiogenic Capacity of the Human Diabetic Adipose Derived Stem Cells Primed with Deferoxamine as a Hypoxia Mimetic Agent: Role of HIF-1 α . <i>Advanced Pharmaceutical Bulletin</i> , 0, , .	0.6	0
12188	REGENERATIVE EFFECTS OF MOUSE ADIPOSE-DERIVED MULTIPOTENT STROMAL CELLS IN A MICROMASS GRAFT FOR THE TREATMENT OF BONE INJURY MODEL. , 2022, 1, 73-84.		1
12189	Advances in cell therapies using stem cells/progenitors as a novel approach for neurovascular repair of the diabetic retina. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	5
12190	Processing methods for human amniotic membrane as scaffold for tissue engineering with mesenchymal stromal human cells. <i>Cell and Tissue Banking</i> , 2024, 25, 269-283.	0.5	2
12191	Mesenchymal stem cells in fibrotic diseases—the two sides of the same coin. <i>Acta Pharmacologica Sinica</i> , 2023, 44, 268-287.	2.8	19
12192	Interaction between Mesenchymal Stem Cells and the Immune System in Rheumatoid Arthritis. <i>Pharmaceuticals</i> , 2022, 15, 941.	1.7	6
12193	CD26 is a senescence marker associated with reduced immunopotency of human adipose tissue-derived multipotent mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	5
12194	Mesenchymal stem cells for critical limb ischemia: their function, mechanism, and therapeutic potential. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	14
12195	Paracrine Factors Released by Stem Cells of Mesenchymal Origin and their Effects in Cardiovascular Disease: A Systematic Review of Pre-clinical Studies. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2606-2628.	1.7	20

#	ARTICLE	IF	CITATIONS
12196	Therapeutic Potential of Human Immature Dental Pulp Stem Cells Observed in Mouse Model for Acquired Aplastic Anemia. <i>Cells</i> , 2022, 11, 2252.	1.8	6
12197	Mesenchymal stem cell therapy in perinatal arterial ischemic stroke: systematic review of preclinical studies. <i>Pediatric Research</i> , 2024, 95, 18-33.	1.1	10
12198	Chondroinductive bTPE-Based Functionalized Scaffolds for Application in Cartilage Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	4
12199	Stem Cell-Based Therapies for Inflammatory Bowel Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8494.	1.8	18
12200	Co-culture pellet of human Wharton's jelly mesenchymal stem cells and rat costal chondrocytes as a candidate for articular cartilage regeneration: in vitro and in vivo study. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	9
12201	Review old bone, new tricks. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 727-742.	1.7	3
12202	Organ-Specific Differentiation of Human Adipose-Derived Stem Cells in Various Organs of Xenotransplanted Rats: A Pilot Study. <i>Life</i> , 2022, 12, 1116.	1.1	0
12203	Perivascular Mesenchymal Stem/Stromal Cells, an Immune Privileged Niche for Viruses?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8038.	1.8	9
12204	Mesenchymal/stromal stem cells: necessary factors in tumour progression. <i>Cell Death Discovery</i> , 2022, 8, .	2.0	8
12205	Magnesium Ions Promote In Vitro Rat Bone Marrow Stromal Cell Angiogenesis Through Notch Signaling. <i>Biological Trace Element Research</i> , 2023, 201, 2823-2842.	1.9	7
12206	Cytocompatibility and bioactive potential of <sc>AH</sc> Plus Bioceramic Sealer: An <i>in vitro</i> study. <i>International Endodontic Journal</i> , 2022, 55, 1066-1080.	2.3	25
12207	Comparison of Sources and Methods for the Isolation of Equine Adipose Tissue-Derived Stromal/Stem Cells and Preliminary Results on Their Reaction to Incubation with 5-Azacytidine. <i>Animals</i> , 2022, 12, 2049.	1.0	3
12208	Paracrine Effects of Mesenchymal Stem Cells in Ischemic Stroke: Opportunities and Challenges. <i>Molecular Neurobiology</i> , 2022, 59, 6281-6306.	1.9	15
12209	Full spectrum flow cytometry reveals mesenchymal heterogeneity in first trimester placentae and phenotypic convergence in culture, providing insight into the origins of placental mesenchymal stromal cells. <i>ELife</i> , 0, 11, .	2.8	8
12210	How mesenchymal stem cell cotransplantation with hematopoietic stem cells can improve engraftment in animal models. <i>World Journal of Stem Cells</i> , 2022, 14, 658-679.	1.3	2
12211	Mesenchymal stem/stromal cells in the pathogenesis and regenerative therapy of inflammatory bowel diseases. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
12212	Cytokine Mixtures Mimicking the Local Milieu in Patients with Inflammatory Bowel Disease Impact Phenotype and Function of Mesenchymal Stromal Cells. <i>Stem Cells Translational Medicine</i> , 0, , .	1.6	6
12213	The soluble CD83 protein prevents bone destruction by inhibiting the formation of osteoclasts and inducing resolution of inflammation in arthritis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4

#	ARTICLE	IF	CITATIONS
12214	Aging of mesenchymal stem cell: machinery, markers, and strategies of fighting. Cellular and Molecular Biology Letters, 2022, 27, .	2.7	32
12215	Advances in mesenchymal stromal cell therapy for acute lung injury/acute respiratory distress syndrome. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	2
12216	Comparison of therapeutic effects of mesenchymal stem cells from umbilical cord and bone marrow in the treatment of type 1 diabetes. Stem Cell Research and Therapy, 2022, 13, .	2.4	9
12217	Generation of an Immortalized Human Adipose-Derived Mesenchymal Stromal Cell Line Suitable for Wound Healing Therapy. International Journal of Molecular Sciences, 2022, 23, 8925.	1.8	3
12218	Dynamic Culture of Mesenchymal Stromal/Stem Cell Spheroids and Secretion of Paracrine Factors. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	10
12219	Stem cell-based therapy for human diseases. Signal Transduction and Targeted Therapy, 2022, 7, .	7.1	209
12220	Mesenchymal stem cells and their derived small extracellular vesicles for COVID-19 treatment. Stem Cell Research and Therapy, 2022, 13, .	2.4	4
12221	Mesenchymal stromal cells improve the transplantation outcome of CRISPR-Cas9 gene-edited human HSPCs. Molecular Therapy, 2023, 31, 230-248.	3.7	2
12222	A Comparative Study on Two Types of Porcine Acellular Dermal Matrix Sponges Prepared by Thermal Crosslinking and Thermal-Glutaraldehyde Crosslinking Matrix Microparticles. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	2
12224	Pathophysiology of Sepsis and Genesis of Septic Shock: The Critical Role of Mesenchymal Stem Cells (MSCs). International Journal of Molecular Sciences, 2022, 23, 9274.	1.8	11
12225	Clinical Outcomes After Arthroscopic Rotator Cuff Repair With a Fibrin Scaffold Containing Growth Factors and Autologous Progenitor Cells Derived from cBMA. Arthroscopy, Sports Medicine, and Rehabilitation, 2022, , .	0.8	1
12226	Stromal cells of the endometrium and decidua: in search of a name and an identity. Biology of Reproduction, 0, , .	1.2	3
12227	In Vivo Bone Tissue Engineering Strategies: Advances and Prospects. Polymers, 2022, 14, 3222.	2.0	17
12228	Shipping Temperature, Time and Media Effects on Equine Wharton's Jelly and Adipose Tissue Derived Mesenchymal Stromal Cells Characteristics. Animals, 2022, 12, 1967.	1.0	2
12229	Mesenchymal (Stem) Stromal Cells Based as New Therapeutic Alternative in Inflammatory Bowel Disease: Basic Mechanisms, Experimental and Clinical Evidence, and Challenges. International Journal of Molecular Sciences, 2022, 23, 8905.	1.8	19
12230	Ganoderic acid D prevents oxidative stress-induced senescence by targeting 14-3-3 μ to activate CaMKII α /NRF2 signaling pathway in mesenchymal stem cells. Aging Cell, 2022, 21, .	3.0	19
12231	Cobalt Ferrite Magnetic Nanoparticles for Tracing Mesenchymal Stem Cells in Tissue: A Preliminary Study. International Journal of Molecular Sciences, 2022, 23, 8738.	1.8	0
12232	Recent advances in the therapeutic efficacy of hepatocyte growth factor gene-modified mesenchymal stem cells in multiple disease settings. Journal of Cellular and Molecular Medicine, 2022, 26, 4745-4755.	1.6	6

#	ARTICLE	IF	CITATIONS
12233	Mesenchymal Stem Cells Profile in Adult Atopic Dermatitis and Effect of IL4-IL13 Inflammatory Pathway Inhibition In Vivo: Prospective Case-Control Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 4759.	1.0	4
12234	Novel Potency Assay for MSC Secretome-Based Treatment of Idiopathic Male Infertility Employed Leydig Cells and Revealed Vascular Endothelial Growth Factor as a Promising Potency Marker. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9414.	1.8	4
12235	Human adult, pediatric and microtia auricular cartilage harbor fibronectin-adhering progenitor cells with regenerative ear reconstruction potential. <i>IScience</i> , 2022, 25, 104979.	1.9	5
12238	PDGFR [±] /Sca-1 Sorted Mesenchymal Stromal Cells Reduce Liver Injury in Murine Models of Hepatic Ischemia-Reperfusion Injury. <i>Stem Cells</i> , 2022, 40, 1056-1070.	1.4	3
12239	Transcriptomic heterogeneity of cultured ADSCs corresponds to embolic risk in the host. <i>IScience</i> , 2022, 25, 104822.	1.9	4
12240	Pooled human bone marrow-derived mesenchymal stromal cells with defined trophic factors cargo promote dermal wound healing in diabetic rats by improved vascularization and dynamic recruitment of M2-like macrophages. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	11
12241	Preclinical Evaluation of the Tumorigenic and Immunomodulatory Properties of Human Bone Marrow Mesenchymal Stromal Cell Populations with Clonal Trisomy 5. <i>Stem Cells International</i> , 2022, 2022, 1-10.	1.2	1
12242	Human dental pulp cells modulate CD8+ T cell proliferation and efficiently degrade extracellular ATP to adenosine in vitro. <i>Cellular Immunology</i> , 2022, 380, 104589.	1.4	2
12243	Diverse stem cells for periodontal tissue formation and regeneration. <i>Genesis</i> , 2022, 60, .	0.8	6
12244	6-Bromoindirubin-3-oxime Regulates Colony Formation, Apoptosis, and Odonto/Osteogenic Differentiation in Human Dental Pulp Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8676.	1.8	2
12245	The synovial fluid fibroblast-like synoviocyte: A long-neglected piece in the puzzle of rheumatoid arthritis pathogenesis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	16
12246	Strategies for the induction of anti-inflammatory mesenchymal stem cells and their application in the treatment of immune-related nephropathy. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	1
12247	Functional properties of equine adipose-derived mesenchymal stromal cells cultured with equine platelet lysate. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	1
12248	Global scientific trends on the immunomodulation of mesenchymal stem cells in the 21st century: A bibliometric and visualized analysis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
12249	Dimethyl sulfoxide-free cryopreservation solution containing trehalose, dextran 40, and propylene glycol for therapy with human adipose tissue-derived mesenchymal stromal cells. <i>Cytotechnology</i> , 2022, 74, 515-529.	0.7	3
12250	Mesenchymal Stem Cell Use in Acute Tendon Injury: In Vitro Tenogenic Potential vs. In Vivo Dose Response. <i>Bioengineering</i> , 2022, 9, 407.	1.6	1
12251	Wharton Jelly Derived Mesenchymal Stem Cell's Exosomes Demonstrate Significant Antileishmanial and Wound Healing Effects in Combination with Aloe-Emodin: An in Vitro Study. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 3232-3242.	1.6	7
12252	Carbon Quantum Dots for Stem Cell Imaging and Deciding the Fate of Stem Cell Differentiation. <i>ACS Omega</i> , 2022, 7, 28685-28693.	1.6	11

#	ARTICLE	IF	CITATIONS
12253	Rosmarinic and chlorogenic acid, isolated from ferns, suppress stem cell damage induced by hydrogen peroxide. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 1609-1617.	1.2	2
12254	The Effects of Hypoxic Preconditioned Murine Mesenchymal Stem Cells on Post-Infarct Arrhythmias in the Mouse Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8843.	1.8	2
12255	Mesenchymal Stem Cells: History, Characteristics and an Overview of Their Therapeutic Administration. <i>Turkish Journal of Immunology</i> , 2022, 10, 56-68.	0.1	0
12256	Cancer-Associated Fibroblasts: Tumorigenicity and Targeting for Cancer Therapy. <i>Cancers</i> , 2022, 14, 3906.	1.7	52
12257	Engineering naturally-derived human connective tissues for clinical applications using a serum-free production system. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 055011.	1.7	3
12258	A chemically defined biomimetic surface for enhanced isolation efficiency of high-quality human mesenchymal stromal cells under xenogeneic/serum-free conditions. <i>Cytotherapy</i> , 2022, 24, 1049-1059.	0.3	4
12260	Marrow changes and reduced proliferative capacity of mesenchymal stromal cells from patients with acute limb ischemia; observations on feasibility of the autologous approach from a clinical trial. <i>Cytotherapy</i> , 2022, , .	0.3	0
12261	First clinical application of cord blood mesenchymal stromal cells in children with multi-drug resistant nephrotic syndrome. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	4
12262	Mesenchymal stromal cells isolated from chicken peripheral blood secrete bioactive factors with antimicrobial and regenerative properties. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	2
12263	Biomaterials directed activation of a cryostable therapeutic secretome in induced pluripotent stem cell derived mesenchymal stromal cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 1008-1018.	1.3	4
12264	Combination of mesenchymal stem cells and three-dimensional collagen scaffold preserves ventricular remodeling in rat myocardial infarction model. <i>World Journal of Stem Cells</i> , 2022, 14, 633-657.	1.3	2
12265	Characterization of mesenchymal stromal cells physical properties using acoustic radiation force. <i>Frontiers in Physics</i> , 0, 10, .	1.0	5
12266	Three-Dimensional Printing of Customized Scaffolds with Polycaprolactone/Silk Fibroin Composites and Integration of Gingival Tissue-Derived Stem Cells for Personalized Bone Therapy. <i>ACS Applied Bio Materials</i> , 2022, 5, 4465-4479.	2.3	2
12267	Mesenchymal Stem/Stromal Cells May Decrease Success of Cancer Treatment by Inducing Resistance to Chemotherapy in Cancer Cells. <i>Cancers</i> , 2022, 14, 3761.	1.7	5
12268	An Update on Applications of Cattle Mesenchymal Stromal Cells. <i>Animals</i> , 2022, 12, 1956.	1.0	3
12269	Needle to needle robot-assisted manufacture of cell therapy products. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	3.9	5
12270	Practical Considerations for Translating Mesenchymal Stromal Cell-Derived Extracellular Vesicles from Bench to Bed. <i>Pharmaceutics</i> , 2022, 14, 1684.	2.0	10
12271	Mesenchymal stromal cells-derived extracellular vesicles reprogramme macrophages in ARDS models through the miR-181a-5p-PTEN-pSTAT5-SOCS1 axis. <i>Thorax</i> , 2023, 78, 617-630.	2.7	11

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12272	Trend of Bioactive Molecules and Biomaterial Coating in Promoting Tendonâ€™ Bone Healing. <i>Coatings</i> , 2022, 12, 1143.	1.2	0
12273	Differentiation of Equine Mesenchymal Stem Cells into Cells of Osteochondral Lineage: Potential for Osteochondral Tissue Engineering. <i>Biomedical Materials (Bristol)</i> , 0, , .	1.7	1
12274	Transplantation of IGF-1-induced BMSC-derived NPCs promotes tissue repair and motor recovery in a rat spinal cord injury model. <i>Heliyon</i> , 2022, 8, e10384.	1.4	0
12275	Stem Cells from Healthy and Tendinopathic Human Tendons: Morphology, Collagen and Cytokines Expression and Their Response to T3 Thyroid Hormone. <i>Cells</i> , 2022, 11, 2545.	1.8	5
12276	Clinical cell therapy guidelines for neurorestoration (IANR/CANR 2022). <i>Journal of Neurorestoratology</i> , 2022, 10, 100015.	1.1	6
12277	Effect of cell culture media on extracellular vesicle secretion from mesenchymal stromal cells and neurons. <i>European Journal of Cell Biology</i> , 2022, 101, 151270.	1.6	4
12278	Improved biological performance of human cartilage-derived progenitors in platelet lysate xenofree media in comparison to fetal bovine serum media. <i>Current Research in Translational Medicine</i> , 2022, 70, 103353.	1.2	3
12279	Production of extracellular vesicles from equine embryo-derived mesenchymal stromal cells. <i>Reproduction</i> , 2022, 164, 143-154.	1.1	4
12280	Impact of microcarrier concentration on mesenchymal stem cell growth and death: Experiments and modeling. <i>Biotechnology and Bioengineering</i> , 2022, 119, 3537-3548.	1.7	4
12281	Topical and intravenous administration of human umbilical cord mesenchymal stem cells in patients with diabetic foot ulcer and peripheral arterial disease: a phase I pilot study with a 3-year follow-up. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	13
12282	Research trends of mesenchymal stem cells application in orthopedics: A bibliometric analysis of the past 2 decades. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	1
12283	Nestin-GFP transgene labels immunoprivileged bone marrow mesenchymal stem cells in the model of ectopic foci formation. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	2
12284	Bone marrow mesenchymal stromal cell-derived extracellular matrix displays altered glycosaminoglycan structure and impaired functionality in Myelodysplastic Syndromes. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
12285	A chimeric feeder comprising transforming growth factor beta 1 and basic fibroblast growth factor primed bone marrow derived mesenchymal stromal cells suppresses the expansion of hematopoietic stem and progenitor cells. <i>Cell Biology International</i> , 0, , .	1.4	1
12286	Discovery and characterization of heterogeneous and multipotent fibroblast populations isolated from excised cleft lip tissue. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	2
12287	Expression Profile of New Gene Markers Involved in Differentiation of Canine Adipose-Derived Stem Cells into Chondrocytes. <i>Genes</i> , 2022, 13, 1664.	1.0	0
12289	Osseointegration of 3D-printed titanium implants with surface and structure modifications. <i>Dental Materials</i> , 2022, 38, 1648-1660.	1.6	13
12290	A concise review on implications of silver nanoparticles in bone tissue engineering. , 2022, 141, 213099.		10

#	ARTICLE	IF	CITATIONS
12291	Optimisation of processing methods to improve success in the derivation of human multipotent mesenchymal stromal cells from cryopreserved umbilical cord tissue fragments. <i>Cryobiology</i> , 2022, 108, 34-41.	0.3	5
12292	Mesenchymal stem/stromal cells in breast cancer development and management. <i>Seminars in Cancer Biology</i> , 2022, 86, 81-92.	4.3	13
12293	A new protocol for validation of Chondro, Adipo and Osteo differentiation kit of Cultured Adipose-Derived Stem Cells (ADSC) by real-time rt-QPCR. <i>Tissue and Cell</i> , 2022, 79, 101923.	1.0	0
12294	Bio-engineering of 3-D cell sheets for diabetic rats: Interaction between mesenchymal stem cells and beta cells in functional islet regeneration system. <i>Tissue and Cell</i> , 2022, 79, 101919.	1.0	3
12295	Stem cells, fitness, and aging. , 2023, , 385-405.		0
12296	Bone Marrow-Derived Mesenchymal Stem Cells from Different Species of Animals. <i>Springer Protocols</i> , 2022, , 345-362.	0.1	0
12297	Comparative characterization and analysis of telomere length in stem cells derived from deciduous and permanent teeth. <i>Dental Research Journal</i> , 2022, 19, 64.	0.2	0
12298	Adult Stem Cell Therapy as Regenerative Medicine for End-Stage Liver Disease. <i>Advances in Experimental Medicine and Biology</i> , 2022, , .	0.8	0
12299	Preservation and Storage of Cells for Therapy: Current Applications and Protocols. <i>Reference Series in Biomedical Engineering</i> , 2022, , 1-69.	0.1	2
12300	Therapeutic Perspectives for the Clinical Application of Umbilical Cord Hematopoietic and Mesenchymal Stem Cells: Overcoming Complications Arising After Allogeneic Hematopoietic Stem Cell Transplantation. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 111-126.	0.8	1
12301	Surgical Technique: Bone Marrow Aspirate Concentrate. , 2022, , 1729-1737.		0
12302	Regenerative Medicine Procedures Under Ultrasound Guidance. , 2022, , 287-342.		2
12303	Role of mesenchymal stem cells in tumor microenvironment. , 2022, , 87-111.		2
12304	Mesenchymal Stem Cell-Mediated Suicide Gene Therapy. , 2022, , 2191-2206.		0
12305	Diversified Treatment Options of Adult Stem Cells for Optic Neuropathies. <i>Cell Transplantation</i> , 2022, 31, 096368972211235.	1.2	6
12306	Isolation, Characteristics, Differentiation and Exploitation of Human Amnion Mesenchymal Stem Cells. <i>BIO Integration</i> , 2022, 3, .	0.9	0
12307	Therapeutic Strategies for ROS-Dependent Tumor Angiogenesis Using Vascular Stem Cells. , 2022, , 2179-2189.		0
12308	A One-Step, Monolayer Culture and Chemical-Based Approach to Generate Insulin-Producing Cells From Human Adipose-Derived Stem Cells to Mitigate Hyperglycemia in STZ-Induced Diabetic Rats. <i>Cell Transplantation</i> , 2022, 31, 096368972211069.	1.2	3

#	ARTICLE	IF	CITATIONS
12309	Mesenchymal Stem Cells Therapeutic Applications in Integumentary System Disorders. , 2022, , 341-374.		0
12310	Efficacy and safety of small extracellular vesicle interventions in wound healing and skin regeneration: A systematic review and meta-analysis of animal studies. <i>Theranostics</i> , 2022, 12, 6455-6508.	4.6	16
12311	Leucine rich repeat containing 32 accelerates tenogenic differentiation of tendon-derived stem cells and promotes Achilles tendon repair in rats. <i>Experimental Animals</i> , 2023, 72, 9-18.	0.7	1
12312	Stromal vascular fraction therapy for knee osteoarthritis: a systematic review. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2022, 14, 1759720X2211178.	1.2	8
12313	The cryoprotecting effects of trehalose and dimethyl sulfoxide on alginate-chitosan encapsulated mesenchymal stem cells. <i>AIP Conference Proceedings</i> , 2022, , .	0.3	0
12314	Role of cancer-associated mesenchymal stem cells in the tumor microenvironment: A review. <i>Tzu Chi Medical Journal</i> , 2022, .	0.4	1
12315	Characteristics of Changes in Serum IL-6 and IL-10 Levels in Patients with COVID-19 and Their Relationship with Disease Progression: A Possible Hypothesis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
12316	Bone Marrow-Derived Stem Cells and Their Application in Pain Medicine. , 2023, , 37-47.		0
12317	è»ÿé«ç°èfž, é–“è%ç³»á11ç°èfž, iPS ç°èfžã,'ç””ã,ãÿæ°–ç@jã–%èè»ÿé«à†ç”ÿç”ç©¶ã®ç³/4çŠ¶. Nihon Jibi Inkokø.Tøkeibu Œeka Gakkø.		
12318	Biofabrication of a tri-layered 3D-bioprinted CSC-based malignant melanoma model for personalized cancer treatment. <i>Biofabrication</i> , 2023, 15, 035016.	3.7	9
12319	A STAT5-Smad3 dyad regulates adipogenic plasticity of visceral adipose mesenchymal stromal cells during chronic inflammation. <i>Npj Regenerative Medicine</i> , 2022, 7, .	2.5	0
12320	Identification of Biomarkers That Modulate Osteogenic Differentiation in Mesenchymal Stem Cells Related to Inflammation and Immunity: A Bioinformatics-Based Comprehensive Study. <i>Pharmaceuticals</i> , 2022, 15, 1094.	1.7	3
12321	Biomolecules resveratrol + coenzyme Q10 recover the cell state of human mesenchymal stem cells after 1-methyl-4-phenylpyridinium-induced damage and improve proliferation and neural differentiation. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
12322	Challenges in Mesenchymal Stromal Cell-based Therapies. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 937-946.	0.6	0
12323	Neonatal Hypoxicâ€“Ischemic Encephalopathy: Perspectives of Neuroprotective and Neuroregenerative Treatments. <i>Neuropediatrics</i> , 2022, 53, 402-417.	0.3	5
12324	Potential Therapeutic Role of Mesenchymal-Derived Stem Cells as an Alternative Therapy to Combat COVID-19 through Cytokines Storm. <i>Cells</i> , 2022, 11, 2686.	1.8	1
12325	The combinatory effect of scaffold topography and culture condition: an approach to nucleus pulposus tissue engineering. <i>Future Science OA</i> , 2022, 8, .	0.9	3
12326	Mesenchymal Stromal/Stem Cell Extracellular Vesicles and Perinatal Injury: One Formula for Many Diseases. <i>Stem Cells</i> , 2022, 40, 991-1007.	1.4	6

#	ARTICLE	IF	CITATIONS
12327	Cannabidiol (CBD) Protects Adipose-Derived Mesenchymal Stem Cells (ASCs) against Endoplasmic Reticulum Stress Development and Its Complications. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 10864.	1.2	4
12329	Prostate Cancer Tumor Stroma: Responsibility in Tumor Biology, Diagnosis and Treatment. <i>Cancers</i> , 2022, 14, 4412.	1.7	4
12330	Perinatal derivatives: How to best validate their immunomodulatory functions. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	9
12331	The Neural Multilineage Differentiation Capacity of Human Neural Precursors from the Umbilical Cordâ€”Ready to Bench for Clinical Trials. <i>Membranes</i> , 2022, 12, 873.	1.4	1
12332	Induction of functional xeno-free MSCs from human iPSCs via a neural crest cell lineage. <i>Npj Regenerative Medicine</i> , 2022, 7, .	2.5	10
12333	Comparative characteristics of human stem cells. <i>Morfologija (Saint Petersburg, Russia)</i> , 0, , .	0.0	0
12334	Hydrogel nanosheets confined 2D rhombic ice: a new platform enhancing chondrogenesis. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 065004.	1.7	2
12335	Strategies to Convert Cells into Hyaline Cartilage: Magic Spells for Adult Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11169.	1.8	8
12336	Mesenchymal stem cell-derived exosomes as new tools for delivery of miRNAs in the treatment of cancer. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	14
12337	Integrated analysis of the tumor microenvironment using a reconfigurable microfluidic cell culture platform. <i>FASEB Journal</i> , 2022, 36, .	0.2	3
12338	TNFAIP6 defines the MSC subpopulation with enhanced immune suppression activities. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	8
12339	Small extracellular vesicles of hypoxic endothelial cells regulate the therapeutic potential of adipose-derived mesenchymal stem cells via miR-486-5p/PTEN in a limb ischemia model. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	5
12340	Cellular Aging Secretes: a Comparison of Bone-Marrow-Derived and Induced Mesenchymal Stem Cells and Their Secretome Over Long-Term Culture. <i>Stem Cell Reviews and Reports</i> , 2023, 19, 248-263.	1.7	5
12341	Building a tissue: Mesenchymal and epithelial cell spheroids mechanical properties at micro- and nanoscale. <i>Acta Biomaterialia</i> , 2023, 165, 140-152.	4.1	8
12342	The effect of uterine-derived mesenchymal stromal cells for the treatment of canine atopic dermatitis: A pilot study. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	1
12343	Bone marrowâ€derived extracellular vesicles modulate the abundance of infiltrating immune cells in the brain and exert an antiviral effect against the Japanese encephalitis virus. <i>FASEB BioAdvances</i> , 2022, 4, 798-815.	1.3	1
12344	Extracellular vesicles derived from bone marrow mesenchymal stem cells loaded on magnetic nanoparticles delay the progression of diabetic osteoporosis via delivery of miR-150-5p. <i>Cell Biology and Toxicology</i> , 2023, 39, 1257-1274.	2.4	4
12345	Mesenchymal stromal cells induced regulatory B cells are enriched in extracellular matrix genes and IL-10 independent modulators. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4

#	ARTICLE	IF	CITATIONS
12346	Manufacture and Quality Control of Human Umbilical Cord-Derived Mesenchymal Stem Cell Sheets for Clinical Use. <i>Cells</i> , 2022, 11, 2732.	1.8	8
12347	Involvement of Inflammation and Its Resolution in Disease and Therapeutics. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10719.	1.8	11
12348	Alzheimer's disease: Pathophysiology and dental pulp stem cells therapeutic prospects. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	1
12349	Stem Cell Therapy Improves Human Islet Graft Survival in Mice via Regulation of Macrophages. <i>Diabetes</i> , 2022, 71, 2642-2655.	0.3	5
12350	Recent Advances in Extracellular Vesicle-Based Therapies Using Induced Pluripotent Stem Cell-Derived Mesenchymal Stromal Cells. <i>Biomedicines</i> , 2022, 10, 2281.	1.4	7
12351	Comparative chemical properties, bioactivity, and cytotoxicity of resin-modified calcium silicate-based pulp capping materials on human dental pulp stem cells. <i>Clinical Oral Investigations</i> , 2022, 26, 6839-6853.	1.4	5
12353	Overexpression of PYGO1 promotes early cardiac lineage development in human umbilical cord mesenchymal stromal/stem cells by activating the Wnt/ β -catenin pathway. <i>Human Cell</i> , 2022, 35, 1722-1735.	1.2	3
12354	Pre-Administration of PLX-R18 Cells Protects Mice from Radiation-Induced Hematopoietic Failure and Lethality. <i>Genes</i> , 2022, 13, 1756.	1.0	2
12355	Synovial membrane-derived mesenchymal progenitor cells from osteoarthritic joints in dogs possess lower chondrogenic-, and higher osteogenic capacity compared to normal joints. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	4
12356	Stem Cells in Regenerative Medicine. <i>Journal of Clinical Medicine</i> , 2022, 11, 5460.	1.0	1
12357	Environmental oxygen affects ex vivo growth and proliferation of mesenchymal progenitors by modulating mitogen-activated protein kinase and mammalian target of rapamycin signaling. <i>Cytotherapy</i> , 2022, , .	0.3	0
12358	Efficacy of Human Embryonic Stem Cells Compared to Adipose Tissue-Derived Human Mesenchymal Stem/Stromal Cells for Repair of Murine Post-Stenotic Kidneys. <i>Stem Cell Reviews and Reports</i> , 2023, 19, 491-502.	1.7	1
12359	Novel Therapy for Acquired Tracheomalacia with a Tissue-Engineered Extraluminal Tracheal Splint and Autologous Mesenchymal-Derived Chondrocytes. <i>International Archives of Otorhinolaryngology</i> , 0, , .	0.3	0
12360	Human Primary Odontoblast-like Cell Cultures—A Focused Review Regarding Cell Characterization. <i>Journal of Clinical Medicine</i> , 2022, 11, 5296.	1.0	0
12361	HOX genes in stem cells: Maintaining cellular identity and regulation of differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	8
12362	Differential glycosylation of tissue non-specific alkaline phosphatase in mesenchymal stromal cells differentiated into either an osteoblastic or adipocytic phenotype. <i>Experimental Cell Research</i> , 2022, 421, 113372.	1.2	1
12363	Characterizing gene expression in an <i>in vitro</i> biomechanical strain model of joint health. <i>F1000Research</i> , 0, 11, 296.	0.8	1
12364	Dyslipidemia induced by lipid diet in late gestation donor impact on growth kinetics and <i>in vitro</i> potential differentiation of umbilical cord Wharton's Jelly mesenchymal stem cells in goats. <i>Veterinary Research Communications</i> , 2022, 46, 1259-1270.	0.6	1

#	ARTICLE	IF	CITATIONS
12365	Adipose tissue-to-breast cancer crosstalk: Comprehensive insights. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188800.	3.3	10
12366	Extracellular Vesicles of Mesenchymal Stem Cells Are More Effectively Accessed through Polyethylene Glycol-Based Precipitation than by Ultracentrifugation. <i>Stem Cells International</i> , 2022, 2022, 1-12.	1.2	4
12367	Liver mesenchymal stem cells are superior inhibitors of NK cell functions through differences in their secretome compared to other mesenchymal stem cells. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
12368	Optimization of differentiation protocols of dental tissues stem cells to pancreatic β -cells. <i>BMC Molecular and Cell Biology</i> , 2022, 23, .	1.0	1
12369	Skeletal Stem Cells: A Game Changer of Skeletal Biology and Regenerative Medicine?. , 0, , .		2
12370	Current approaches for the regeneration and reconstruction of ocular surface in dry eye. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	1
12372	Modified nanofat grafting: Stromal vascular fraction simple and efficient mechanical isolation technique and perspectives in clinical recellularization applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	6
12373	Multimodal Repair of Spinal Cord Injury With Mesenchymal Stem Cells. <i>Neurospine</i> , 2022, 19, 616-629.	1.1	6
12374	Adult Stem Cells as a Biomarker in Diabetes. <i>Biomarkers in Disease</i> , 2023, , 559-573.	0.0	0
12375	Molecular determinants of intrinsic cellular stiffness in health and disease. <i>Biophysical Reviews</i> , 0, , .	1.5	4
12376	Cryopreservation of Human Bone Marrow Derived Mesenchymal Stem Cells at High Concentration Is Feasible. <i>Biopreservation and Biobanking</i> , 0, , .	0.5	2
12377	Alpinetin alleviates osteoporosis by promoting osteogenic differentiation in <sc>BMSCs</sc> by triggering autophagy via <sc>PKA</sc>/<sc>mTOR</sc>/<sc>ULK1</sc> signaling. <i>Phytotherapy Research</i> , 2023, 37, 252-270.	2.8	7
12378	What Do the Transcriptome and Proteome of Menstrual Blood-Derived Mesenchymal Stem Cells Tell Us about Endometriosis?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11515.	1.8	5
12379	Therapeutic Benefits of Mesenchymal Stem Cells in Acute Respiratory Distress Syndrome: Potential Mechanisms and Challenges. <i>Journal of Inflammation Research</i> , 0, Volume 15, 5235-5246.	1.6	3
12380	Construction of tandem diabody (IL-6/CD20)-secreting human umbilical cord mesenchymal stem cells and its experimental treatment on diffuse large B cell lymphoma. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	1
12381	Regenerative Effect of Umbilical Cord-Derived Mesenchymal Stromal Cells in a Rat Model of Established Limb Ischemia. <i>Circulation Journal</i> , 2023, 87, 412-420.	0.7	2
12382	Challenges and perspectives of tendon-derived cell therapy for tendinopathy: from bench to bedside. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	7
12383	Cell-based experimental strategies for myelin repair in multiple sclerosis. <i>Journal of Neuroscience Research</i> , 2023, 101, 86-111.	1.3	0

#	ARTICLE	IF	CITATIONS
12384	Overexpression of GATA binding protein 4 and myocyte enhancer factor 2C induces differentiation of mesenchymal stem cells into cardiac-like cells. <i>World Journal of Stem Cells</i> , 0, 14, 700-713.	1.3	6
12386	Regenerative mesenchymal stem cell-derived extracellular vesicles: A potential alternative to cell-based therapy in viral infection and disease damage control. <i>WIREs Mechanisms of Disease</i> , 2022, 14, .	1.5	2
12387	Autologous adipose-derived stromal vascular fraction and platelet concentrates for the treatment of complex perianal fistulas. <i>Techniques in Coloproctology</i> , 2023, 27, 135-143.	0.8	2
12389	The Characteristics and Survival Potential Under Sub-lethal Stress of Mesenchymal Stromal/Stem Cells Isolated from the Human Vascular Wall. <i>Stem Cells</i> , 0, , .	1.4	1
12390	Mesenchymal stem cells: A new therapeutic tool for chronic kidney disease. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	5
12391	Effect of CD44 signal axis in the gain of mesenchymal stem cell surface antigens from synovial fibroblasts in vitro. <i>Heliyon</i> , 2022, 8, e10739.	1.4	0
12392	Preclinical Study of Human Bone Marrow-Derived Mesenchymal Stem Cells Using a 3-Dimensional Manufacturing Setting for Enhancing Spinal Fusion. <i>Stem Cells Translational Medicine</i> , 2022, 11, 1072-1088.	1.6	3
12393	Human synovial mesenchymal stem cells show time-dependent morphological changes and increased adhesion to degenerated porcine cartilage. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
12394	Peripheral blood monocytes as a therapeutic target for marrow stromal cells in stroke patients. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
12395	Mesenchymal stromal cells for the treatment of Alzheimer's disease: Strategies and limitations. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	7
12396	Antiproliferative effects of dried <i>Moringa oleifera</i> leaf extract on human Wharton's Jelly mesenchymal stem cells. <i>PLoS ONE</i> , 2022, 17, e0274814.	1.1	3
12397	Betaine promotes osteogenic differentiation in immortalized human dental pulp-derived cells. <i>BDJ Open</i> , 2022, 8, .	0.8	2
12398	The Role of Cartilage Stem/Progenitor Cells in Cartilage Repair in Osteoarthritis. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 892-903.	0.6	0
12399	The mitochondrial calcium uniporter of pulmonary type 2 cells determines severity of acute lung injury. <i>Nature Communications</i> , 2022, 13, .	5.8	7
12400	Synovial fluid mesenchymal progenitor cells from patients with juvenile idiopathic arthritis demonstrate limited self-renewal and chondrogenesis. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
12401	General consensus on multimodal functions and validation analysis of perinatal derivatives for regenerative medicine applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	6
12402	Aberrant lncRNA-mRNA expression profile and function networks during the adipogenesis of mesenchymal stem cells from patients with ankylosing spondylitis. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
12403	Co-delivery of tauroursodeoxycholic acid and dexamethasone using electrospun ultrafine fibers to induce early coupled angiogenesis and osteogenic differentiation. <i>Journal of Applied Polymer Science</i> , 0, , .	1.3	0

#	ARTICLE	IF	CITATIONS
12404	Randomized control trial of mesenchymal stem cells versus hyaluronic acid in patients with knee osteoarthritis – A Hong Kong pilot study. <i>Journal of Orthopaedic Translation</i> , 2022, 37, 69-77.	1.9	2
12405	Regenerative Medicine for Musculoskeletal Diseases. <i>The Journal of the Korean Orthopaedic Association</i> , 2022, 57, 363.	0.0	0
12406	Stem Cells: Use in Nephrology. , 2022, , 29-67.		0
12407	The Inhibition of Adipose-Derived Stem Cells on the Invasion of Keloid Fibroblasts. <i>International Journal of Medical Sciences</i> , 2022, 19, 1796-1805.	1.1	0
12408	CD73 activity of mesenchymal stromal cell-derived extracellular vesicle preparations is detergent-resistant and does not correlate with immunomodulatory capabilities. <i>Cytotherapy</i> , 2023, 25, 138-147.	0.3	11
12409	New perspectives on treatment of gastrointestinal diseases: therapeutic potential of mesenchymal stromal cells. <i>Biological Communications</i> , 2022, 67, .	0.4	0
12410	Influence of a Calcium Phosphate Coating (BONITÂ®) on the Proliferation and Differentiation Potential of Human Mesenchymal Stroma Cells in the Early Phase of Bone Healing. <i>Journal of Functional Biomaterials</i> , 2022, 13, 176.	1.8	1
12411	Systematic review and meta-analysis of randomized controlled trials of mesenchymal stromal cells to treat coronavirus disease 2019: is it too late?. <i>Cytotherapy</i> , 2023, 25, 341-352.	0.3	11
12412	Angiogenic Potential of Human Adipose-Derived Mesenchymal Stromal Cells in Nanofibrillated Cellulose Hydrogel. <i>Biomedicines</i> , 2022, 10, 2584.	1.4	2
12413	Characterization of a Stemness-Optimized Purification Method for Human Dental-Pulp Stem Cells: An Approach to Standardization. <i>Cells</i> , 2022, 11, 3204.	1.8	2
12414	Chondrogenic Differentiation of Human Mesenchymal Stem Cells via SOX9 Delivery in Cationic Niosomes. <i>Pharmaceutics</i> , 2022, 14, 2327.	2.0	6
12415	Influence of donor age and comorbidities on transduced human adipose-derived stem cell in vitro osteogenic potential. <i>Gene Therapy</i> , 2023, 30, 369-376.	2.3	4
12416	The composition of cell-based therapies obtained from point-of-care devices/systems which mechanically dissociate lipoaspirate: a scoping review of the literature. <i>Journal of Experimental Orthopaedics</i> , 2022, 9, .	0.8	0
12417	Chronic Kidney Disease: Challenges in Translational Medicine. <i>Methods in Molecular Biology</i> , 2023, , 61-75.	0.4	1
12418	hUC-MSCs Attenuate Acute Graft-Versus-Host Disease through Chi3l1 Repression of Th17 Differentiation. <i>Stem Cells International</i> , 2022, 2022, 1-19.	1.2	7
12420	The role of BMP4 in adipose-derived stem cell differentiation: A minireview. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	8
12421	Engineering human mini-bones for the standardized modeling of healthy hematopoiesis, leukemia, and solid tumor metastasis. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	7
12422	Head and neck squamous cancer cells enhance the differentiation of human mesenchymal stem cells to adipogenic and osteogenic linages <i>in vitro</i> . <i>Oncology Letters</i> , 2022, 24, .	0.8	0

#	ARTICLE	IF	CITATIONS
12423	Role of glycosphingolipid SSEA3 and FGF2 in the stemness and lineage commitment of multilineage differentiating stress enduring (MUSE) cells. <i>Cell Proliferation</i> , 2023, 56, .	2.4	5
12424	The Analgesic Efficacy of Intradiscal Injection of Bone Marrow Aspirate Concentrate and Culture-Expanded Bone Marrow Mesenchymal Stromal Cells in Discogenic Pain: A Systematic Review. <i>Journal of Pain Research</i> , 0, Volume 15, 3299-3318.	0.8	3
12425	Periosteum and fascia lata: Are they so different?. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	1
12426	Assessment of mesenchymal stem/stromal cell-based therapy in K/BxN serum transfer-induced arthritis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
12427	Reciprocal Alterations in Osteoprogenitor and Immune Cell Populations in Rheumatoid Synovia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12379.	1.8	1
12428	Evaluation of human adipose-derived mesenchymal stromal cell Toll-like receptor priming and effects on interaction with prostate cancer cells. <i>Cytotherapy</i> , 2023, 25, 33-45.	0.3	5
12429	Umbilical cord mesenchymal stromal cells—from bench to bedside. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	8
12430	Effectiveness and safety of human umbilical cord-mesenchymal stem cells for treating type 2 diabetes mellitus. <i>World Journal of Diabetes</i> , 0, 13, 877-887.	1.3	6
12431	Ginsenoside Rg1 Reduces Oxidative Stress Via Nrf2 Activation to Regulate Age-Related Mesenchymal Stem Cells Fate Switch Between Osteoblasts and Adipocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-17.	0.5	2
12432	Potential of Mesenchymal Stem Cell-Based Therapies for Pulmonary Fibrosis. <i>DNA and Cell Biology</i> , 2022, 41, 951-965.	0.9	6
12433	Stem cell homing in periodontal tissue regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	10
12434	Annexin A2 Improves the Osteogenic Differentiation of Mesenchymal Stem Cells Exposed to High-Glucose Conditions through Lessening the Senescence. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12521.	1.8	3
12435	Mesenchymal stem cell bioenergetics and apoptosis are associated with risk for bronchopulmonary dysplasia in extremely low birth weight infants. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
12436	Formulation of secretome derived from mesenchymal stem cells for inflammatory skin diseases. <i>Journal of Pharmaceutical Investigation</i> , 2023, 53, 235-248.	2.7	3
12437	Stem Cell and Oxidative Stress-Inflammation Cycle. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 641-652.	0.6	7
12439	Enhanced osteogenesis by addition of cancellous bone chips at xenogenic bone augmentation: In vitro and in vivo experiments. <i>Clinical Oral Implants Research</i> , 2023, 34, 42-55.	1.9	2
12440	Complete Blood Count-Derived Inflammatory Markers Changes in Dogs with Chronic Inflammatory Enteropathy Treated with Adipose-Derived Mesenchymal Stem Cells. <i>Animals</i> , 2022, 12, 2798.	1.0	5
12442	Role of Mesenchymal Stem Cells and Their Paracrine Mediators in Macrophage Polarization: An Approach to Reduce Inflammation in Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13016.	1.8	11

#	ARTICLE	IF	CITATIONS
12443	Magnetically Activated Piezoelectric 3D Platform Based on Poly(Vinylidene) Fluoride Microspheres for Osteogenic Differentiation of Mesenchymal Stem Cells. <i>Gels</i> , 2022, 8, 680.	2.1	4
12444	Human Mesenchymal Stem Cell Transplantation Improved Functional Outcomes Following Spinal Cord Injury Concomitantly with Neuroblast Regeneration. <i>Advanced Pharmaceutical Bulletin</i> , 0, , .	0.6	0
12445	Analysis of DYRK1B, PPARC, and CEBPB Expression Patterns in Adipose-Derived Stem Cells from Patients Carrying DYRK1B R102C and Healthy Individuals During Adipogenesis. <i>Metabolic Syndrome and Related Disorders</i> , 2022, 20, 576-583.	0.5	1
12446	Mini Review: Molecular Interpretation of the IGF/IGF-1R Axis in Cancer Treatment and Stem Cells-Based Therapy in Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11781.	1.8	4
12447	Decoding Distinct Ganglioside Patterns of Native and Differentiated Mesenchymal Stem Cells by a Novel Glycolipidomics Profiling Strategy. <i>Jacs Au</i> , 0, , .	3.6	4
12448	Cellular-Based Therapies in Systemic Sclerosis: From Hematopoietic Stem Cell Transplant to Innovative Approaches. <i>Cells</i> , 2022, 11, 3346.	1.8	4
12449	Bone marrow mesenchymal stem cells in premature ovarian failure: Mechanisms and prospects. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
12450	Novel Therapeutic Mechanism of Adipose-Derived Mesenchymal Stem Cells in Osteoarthritis via Upregulation of BTG2. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	3
12451	Combined Transplantation of Human MSCs and ECFCs Improves Cardiac Function and Decrease Cardiomyocyte Apoptosis After Acute Myocardial Infarction. <i>Stem Cell Reviews and Reports</i> , 2023, 19, 573-577.	1.7	7
12452	Mitochondrial Transport from Mesenchymal Stromal Cells to Chondrocytes Increases DNA Content and Proteoglycan Deposition <i><i>In Vitro</i></i> in 3D Cultures. <i>Cartilage</i> , 2022, 13, 133-147.	1.4	6
12453	Endometriosis-Associated Mesenchymal Stem Cells Support Ovarian Clear Cell Carcinoma through Iron Regulation. <i>Cancer Research</i> , 2022, 82, 4680-4693.	0.4	11
12454	Cellular and Biochemical Characterization of Mesenchymal Stem Cells from Killian Nasal Polyp. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13214.	1.8	6
12455	Mesenchymal stem cell aggregation mediated by integrin $\alpha 4$ /VCAM-1 after intrathecal transplantation in MCAO rats. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	2
12456	Electrical Stimulation of Human Adipose-Derived Mesenchymal Stem Cells on O ₂ Plasma-Treated ITO Glass Promotes Osteogenic Differentiation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12490.	1.8	2
12458	Phenotypic characterization of regional human meniscus progenitor cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	4
12459	Insights into skeletal stem cells. <i>Bone Research</i> , 2022, 10, .	5.4	17
12460	Oxidative Stress Response in Adipose Tissue-Derived Mesenchymal Stem/Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13435.	1.8	7
12461	Challenges of Periodontal Tissue Engineering: Increasing Biomimicry through 3D Printing and Controlled Dynamic Environment. <i>Nanomaterials</i> , 2022, 12, 3878.	1.9	10

#	ARTICLE	IF	CITATIONS
12463	A novel type of mesenchymal stem cells derived from bovine metanephric mesenchyme. <i>Tissue and Cell</i> , 2022, 79, 101970.	1.0	2
12464	Single-cell RNA sequencing reveals different signatures of mesenchymal stromal cell pluripotent-like and multipotent populations. <i>IScience</i> , 2022, 25, 105395.	1.9	5
12465	Systematic review of articular cartilage derived chondroprogenitors for cartilage repair in animal models. <i>Journal of Orthopaedics</i> , 2023, 35, 43-53.	0.6	2
12466	Senotherapeutics for mesenchymal stem cell senescence and rejuvenation. <i>Drug Discovery Today</i> , 2023, 28, 103424.	3.2	4
12467	Bioprinted living tissue constructs with layer-specific, growth factor-loaded microspheres for improved enthesis healing of a rotator cuff. <i>Acta Biomaterialia</i> , 2022, 154, 275-289.	4.1	8
12468	MSCs vs. iPSCs: Potential in therapeutic applications. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	16
12469	Generation of Functional Immortalized Human Corneal Stromal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13399.	1.8	1
12470	A microfluidic demonstration of "cluster-sprout-infiltrating" mode for hypoxic mesenchymal stem cell guided cancer cell migration. <i>Biomaterials</i> , 2022, 290, 121848.	5.7	4
12471	Mesenchymal stem cells for subchondral bone marrow lesions: From bench to bedside. <i>Bone Reports</i> , 2022, 17, 101630.	0.2	5
12472	Characterization of mesenchymal stem cells with augmented internalization of magnetic nanoparticles: The implication of therapeutic potential. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 564, 170060.	1.0	0
12473	CRISPR/Cas9 and AAV mediated insertion of $\beta 2$ microglobulin-HLA-G fusion gene protects mesenchymal stromal cells from allogeneic rejection and potentiates the use for off-the-shelf cell therapy. <i>Regenerative Therapy</i> , 2022, 21, 442-452.	1.4	3
12474	Inhibition of LDL receptor-related protein 3 suppresses chondrogenesis of stem cells, inhibits proliferation, and promotes apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2022, 635, 77-83.	1.0	0
12475	Ethical considerations for the use of stem cell-derived therapies. , 2023, , 339-349.		0
12476	Biologic Foundations for Skeletal Tissue Engineering. <i>Synthesis Lectures on Tissue Engineering</i> , 2011, , .	0.3	4
12477	Sources and Therapeutic Strategies of Mesenchymal Stem Cells in Regenerative Medicine. , 2022, , 23-49.		0
12478	Stem Cells in Wound Healing and Scarring. , 2022, , 103-126.		0
12479	Mesenchymal Stem Cell Secretome: A Potential Biopharmaceutical Component to Regenerative Medicine. , 2022, , 973-1005.		0
12480	Toll-Like Receptor 3. , 2022, , 1279-1302.		0

#	ARTICLE	IF	CITATIONS
12481	Mesenchymal Stem Cells for Cardiac Repair. , 2022, , 269-321.		1
12482	Can intranasal administration of adipose-derived stem cells reach and affect the histological structure of distant organs of aged wistar rat?. Journal of Microscopy and Ultrastructure, 2022, ,	0.1	0
12483	Current Trends and Future Outlooks of Dental Stem-Cell-Derived Secretome/Conditioned Medium in Regenerative Medicine. , 2022, , 1035-1070.		0
12484	Therapeutic Effects of Mesenchymal Stem Cells on Cognitive Deficits. , 2022, , 413-436.		0
12485	Secretion pattern of canine amniotic stem cells derived extracellular vesicles. Animal Reproduction, 2022, 19, .	0.4	1
12486	Human Stem Cell Differentiation In Vivo in Large Animals. , 2022, , 921-944.		0
12487	Mesenchymal Stem Cells. , 2022, , 127-162.		0
12488	Cellular therapies in no-option critical limb ischemia: present status and future directions. Postepy W Kardiologii Interwencyjnej, 2022, 18, 340-349.	0.1	1
12489	Advances, Opportunities, and Challenges in Stem Cell-Based Therapy. , 2022, , 1229-1253.		0
12490	Adipose Tissue-Derived Regenerative Cell-Based Therapies: Current Optimization Strategies for Effective Treatment in Aesthetic Surgery. , 2022, , 691-723.		0
12491	Regenerative Medicine Applied to the Treatment of Musculoskeletal Pathologies. , 2022, , 1123-1158.		1
12492	An improved methodology for efficient isolation of mesenchymal stem cells from Caprine bone marrow. Indian Journal of Animal Sciences, 2022, 91, .	0.1	0
12493	A New Cell Stem Concept for Pelvic Floor Disorders Prevention and Treatment. Endometrial Mesenchymal Stem Cells. Biochemistry, 0, , .	0.8	0
12494	Isolation and In Vitro Chondrogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stromal Cells. Methods in Molecular Biology, 2023, , 65-73.	0.4	6
12495	A pilot study to demonstrate the paracrine effect of equine, adult allogenic mesenchymal stem cells in vitro, with a potential for healing of experimentally-created, equine thoracic wounds in vivo. Frontiers in Veterinary Science, 0, 9, .	0.9	2
12496	Effective and Easy Techniques of Collagen Deposition onto Polylactide Films: DC-Discharge Plasma Treatment vs. Chemical Entrapment. Polymers, 2022, 14, 4886.	2.0	1
12498	Effervescent Atomizer as Novel Cell Spray Technology to Decrease the Gas-to-Liquid Ratio. Pharmaceutics, 2022, 14, 2421.	2.0	3
12499	Spongy-like hydrogels prevascularization with the adipose tissue vascular fraction delays cutaneous wound healing by sustaining inflammatory cell influx. Materials Today Bio, 2022, 17, 100496.	2.6	0

#	ARTICLE	IF	CITATIONS
12500	Current Perspectives on Adult Mesenchymal Stromal Cell-Derived Extracellular Vesicles: Biological Features and Clinical Indications. <i>Biomedicines</i> , 2022, 10, 2822.	1.4	8
12501	The crosstalk between macrophages and bone marrow mesenchymal stem cells in bone healing. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	9
12502	Human Mesenchymal Stem Cell Secretome Driven T Cell Immunomodulation Is IL-10 Dependent. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13596.	1.8	17
12503	Mesenchymal stem cell therapy for ischemic stroke: Novel insight into the crosstalk with immune cells. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	5
12504	Effect of human mesenchymal stem cell secretome administration on morphine self-administration and relapse in two animal models of opioid dependence. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	3
12507	Altered Immunomodulatory Responses in the CX3CL1/CX3CR1 Axis Mediated by hMSCs in an Early In Vitro SOD1G93A Model of ALS. <i>Biomedicines</i> , 2022, 10, 2916.	1.4	1
12508	Mesenchymal Stem Cells and MSCs-Derived Extracellular Vesicles in Infectious Diseases: From Basic Research to Clinical Practice. <i>Bioengineering</i> , 2022, 9, 662.	1.6	13
12509	Articular Tissue-Mimicking Organoids Derived from Mesenchymal Stem Cells and Induced Pluripotent Stem Cells. <i>Organoids</i> , 2022, 1, 135-148.	1.8	6
12510	Osteogenic differentiation and proliferation potentials of human bone marrow and umbilical cord-derived mesenchymal stem cells on the 3D-printed hydroxyapatite scaffolds. <i>Scientific Reports</i> , 2022, 12, .	1.6	18
12511	Therapeutic potential of mesenchymal stem cells for refractory inflammatory and immune skin diseases. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, .	1.4	1
12512	The role of mesenchymal stem cell transplantation for ischemic stroke and recent research developments. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
12513	Dissecting Heterogeneity Reveals a Unique BAMBI ^{high} MFGE8 ^{high} Subpopulation of Human UCâ€MSCs. <i>Advanced Science</i> , 2023, 10, .	5.6	5
12514	Cryopreservation does not change the performance and characteristics of allogenic mesenchymal stem cells highly over-expressing a cytoplasmic therapeutic transgene for cancer treatment. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	3
12515	Articular Cartilage Chondroprogenitors: Isolation and Directed Differentiation. <i>Methods in Molecular Biology</i> , 2023, , 29-44.	0.4	0
12516	Role of macrophage polarization in osteoarthritis (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	8
12517	Human Mesenchymal Stem Cells Derived from the Placenta and Chorion Suppress the Proliferation while Enhancing the Migration of Human Breast Cancer Cells. <i>Stem Cells International</i> , 2022, 2022, 1-18.	1.2	2
12518	TLR-activated mesenchymal stromal cell therapy and antibiotics to treat multi-drug resistant Staphylococcal septic arthritis in an equine model. <i>Annals of Translational Medicine</i> , 2022, 10, 1157-1157.	0.7	6
12519	Are Endodontic Solvents Cytotoxic? An In Vitro Study on Human Periodontal Ligament Stem Cells. <i>Pharmaceutics</i> , 2022, 14, 2415.	2.0	1

#	ARTICLE	IF	CITATIONS
12520	How do we assess batch-to-batch consistency between extracellular vesicle products?. <i>Transfusion</i> , 0, , .	0.8	0
12522	Autophagy in Mesenchymal Stem Cell-Based Therapy. <i>Pancreatic Islet Biology</i> , 2023, , 219-234.	0.1	0
12523	Dynamic Balance between PTH1R-Dependent Signal Cascades Determines Its Pro- or Anti-Osteogenic Effects on MSC. <i>Cells</i> , 2022, 11, 3519.	1.8	4
12524	Differentiation and Maturation of Muscle and Fat Cells in Cultivated Seafood: Lessons from Developmental Biology. <i>Marine Biotechnology</i> , 2023, 25, 1-29.	1.1	4
12525	A human kidney and liver organoid-based multi-organ-on-a-chip model to study the therapeutic effects and biodistribution of mesenchymal stromal cell-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2022, 11, .	5.5	19
12526	Extracellular Vesicles as Biomarkers and Therapeutics for Inflammatory Eye Diseases. <i>Molecular Pharmaceutics</i> , 0, , .	2.3	1
12527	Bioactivated gellan gum hydrogels affect cellular rearrangement and cell response in vascular co-culture and subcutaneous implant models. , 2022, 143, 213185.		3
12528	Allograft Tissues. , 2022, , 89-101.		0
12530	Extracellular Hemoglobin: Modulation of Cellular Functions and Pathophysiological Effects. <i>Biomolecules</i> , 2022, 12, 1708.	1.8	8
12532	Surgical and nutritional interventions for endometrial receptivity: A case report and review of literature. <i>World Journal of Clinical Cases</i> , 0, 10, 12295-12304.	0.3	0
12534	Isolation and characterization of farm pig adipose tissue-derived mesenchymal stromal/stem cells. <i>Brazilian Journal of Medical and Biological Research</i> , 0, 55, .	0.7	3
12535	Biologic effects of biosynthesized Oroxylin indicum/silver nanoparticles on human periodontal ligament stem cells. <i>OpenNano</i> , 2023, 9, 100117.	1.8	3
12536	Mesenchymal stem cell- and extracellular vesicle-based therapies for Alzheimer's disease: progress, advantages, and challenges. <i>Neural Regeneration Research</i> , 2023, .	1.6	2
12537	Bone marrow-derived mesenchymal stem cells: A promising therapeutic option for the treatment of diabetic foot ulcers. <i>Diabetes Research and Clinical Practice</i> , 2023, 195, 110201.	1.1	7
12538	The role of embryonic stem cells, transcription and growth factors in mammals: A review. <i>Tissue and Cell</i> , 2023, 80, 102002.	1.0	0
12539	Mesenchymal stem cells attenuate the proinflammatory cytokine pattern in a guinea pig model of chronic cigarette smoke exposure. <i>Cytokine</i> , 2023, 162, 156104.	1.4	1
12540	pH-driven continuous stem cell production with enhanced regenerative capacity from polyamide/chitosan surfaces. <i>Materials Today Bio</i> , 2023, 18, 100514.	2.6	0
12541	Versatility of mesenchymal stem cell-derived extracellular vesicles in tissue repair and regenerative applications. <i>Biochimie</i> , 2023, 207, 33-48.	1.3	10

#	ARTICLE	IF	CITATIONS
12542	Renal Regeneration: Stem Cell-Based Therapies to Battle Kidney Disease. , 0 , 54-64.		2
12543	Autologous Orthobiologics. , 2022, , 70-88.		0
12544	Acute myocardial infarction reparation/regeneration strategy using Whartonâ€™s jelly multipotent stem cells as an â€œunlimitedâ€™ therapeutic agent: 3-year outcomes in a pilot cohort of the CIRCULATE-AMI trial. Postepy W Kardiologii Interwencyjnej, 0 , .	0.1	0
12545	Mesenchymal Stromal Cellâ€‘Based Therapy for Dry Eye: Current Status and Future Perspectives. Cell Transplantation, 2022, 31, 096368972211338.	1.2	9
12546	Stem cell therapy for single ventricle congenital heart disease â€‘ current state and future directions. Postepy W Kardiologii Interwencyjnej, 0 , .	0.1	0
12548	High-Quality Lipoaspirate Following 1470-nm Radial Emitting Laser-Assisted Liposuction. Annals of Plastic Surgery, 2022, 89, e60-e68.	0.5	2
12549	MiR-145 inhibits the differentiation and proliferation of bone marrow stromal mesenchymal stem cells by GABARAPL1 in steroid-induced femoral head necrosis. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	0
12550	Paracrine and Autocrine Effects of VEGF Are Enhanced in Human eMSC Spheroids. International Journal of Molecular Sciences, 2022, 23, 14324.	1.8	3
12551	Autophagy Is a Crucial Path in Chondrogenesis of Adipose-Derived Mesenchymal Stromal Cells Laden in Hydrogel. Gels, 2022, 8, 766.	2.1	4
12552	Enhancement of keratinocyte growth factor potential in inducing adiposeâ€‘derived stem cells differentiation into keratinocytes by collagenâ€‘targeting. Journal of Cellular and Molecular Medicine, 2022, 26, 5929-5942.	1.6	1
12553	The Use of Mesenchymal Stem Cells in the Complex Treatment of Kidney Tuberculosis (Experimental) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	4
12554	Formyl peptide receptors in bone research. Connective Tissue Research, 0 , , 1-9.	1.1	0
12555	Assessment of 3D-Printed Polycaprolactone, Hydroxyapatite Nanoparticles and Diacrylate Poly(ethylene glycol) Scaffolds for Bone Regeneration. Pharmaceutics, 2022, 14, 2643.	2.0	4
12556	Regulatory T-Cell Enhancement, Expression of Adhesion Molecules, and Production of Anti-Inflammatory Factors Are Differentially Modulated by Spheroid-Cultured Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2022, 23, 14349.	1.8	1
12557	Comparative Study of the Osteogenic Differentiation Potential of Adipose Tissue-Derived Stromal Cells and Dedifferentiated Adipose Cells of the Same Tissue Origin under Pro and Antioxidant Conditions. Biomedicines, 2022, 10, 3071.	1.4	1
12558	Evaluation of osteogenic induction potency of miR-27a-3p in adipose tissue-derived human mesenchymal stem cells (AD-hMSCs). Molecular Biology Reports, 2023, 50, 1281-1291.	1.0	3
12559	Aging and Mesenchymal Stem Cells: Basic Concepts, Challenges and Strategies. Biology, 2022, 11, 1678.	1.3	11
12560	An Intracellular Metabolic Signature as a Potential Donor-Independent Marker of the Osteogenic Differentiation of Adipose Tissue Mesenchymal Stem Cells. Cells, 2022, 11, 3745.	1.8	1

#	ARTICLE	IF	CITATIONS
12561	Optimal Intravenous Administration Procedure for Efficient Delivery of Canine Adipose-Derived Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14681.	1.8	0
12562	2D and 3D cultured human umbilical cord-derived mesenchymal stem cell-conditioned medium has a dual effect in type 1 diabetes model in rats: immunomodulation and beta-cell regeneration. <i>Inflammation and Regeneration</i> , 2022, 42, .	1.5	10
12563	Regenerative medicine applications: An overview of clinical trials. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	8
12564	Putative critical quality attribute matrix identifies mesenchymal stromal cells with potent immunomodulatory and angiogenic "fitness" ranges in response to culture process parameters. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
12565	The Molecular Signature of Human Testicular Peritubular Cells Revealed by Single-Cell Analysis. <i>Cells</i> , 2022, 11, 3685.	1.8	3
12566	Mesenchymal Stem Cell Identification After Delayed Cord Clamping. <i>Reproductive Sciences</i> , 0, , .	1.1	0
12567	Enhancement of Immunosuppressive Activity of Mesenchymal Stromal Cells by Platelet-Derived Factors is Accompanied by Apoptotic Priming. <i>Stem Cell Reviews and Reports</i> , 2023, 19, 713-733.	1.7	3
12568	The Inhibition of the Inducible Nitric Oxide Synthase Enhances the DPSC Mineralization under LPS-Induced Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14560.	1.8	4
12569	Mesenchymal stem cells suppressed skin and lung inflammation and fibrosis in topoisomerase I-induced systemic sclerosis associated with lung disease mouse model. <i>Cell and Tissue Research</i> , 2023, 391, 323-337.	1.5	5
12570	Integrated transcriptome-proteome analyses of human stem cells reveal source-dependent differences in their regenerative signature. <i>Stem Cell Reports</i> , 2022, , .	2.3	4
12571	Biocompatibility and mineralization activity of modified glass ionomer cement in human dental pulp stem cells. <i>Journal of Dental Sciences</i> , 2022, , .	1.2	0
12572	Decellularization of cartilage microparticles: Effects of temperature, supercritical carbon dioxide and ultrasound on biochemical, mechanical, and biological properties. <i>Journal of Biomedical Materials Research - Part A</i> , 2023, 111, 543-555.	2.1	9
12573	Cell therapy for the treatment of reproductive diseases and infertility: an overview from the mechanism to the clinic alongside diagnostic methods. <i>Frontiers of Medicine</i> , 0, , .	1.5	0
12574	New Approach to Identify the Physiological State of Bone Cells at the Surface of Hydroxyapatite Bioceramics. <i>Solid State Phenomena</i> , 0, 340, 131-136.	0.3	0
12575	A distinct M2 macrophage infiltrate and transcriptomic profile decisively influence adipocyte differentiation in lipedema. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
12576	Isolation and Identification of Bone Marrow Mesenchymal Stem Cells from Forest Musk Deer. <i>Animals</i> , 2023, 13, 17.	1.0	1
12577	Do Mesenchymal Stem Cells Influence Keloid Recurrence?. <i>Stem Cells and Cloning: Advances and Applications</i> , 0, Volume 15, 77-84.	2.3	2
12578	3D scaffolds of caprolactone/chitosan/polyvinyl alcohol/hydroxyapatite stabilized by physical bonds seeded with swine dental pulp stem cell for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2022, 33, .	1.7	4

#	ARTICLE	IF	CITATIONS
12579	Autologous bone marrow-derived MSCs engineered to express oFVIII-FLAG engraft in adult sheep and produce an effective increase in plasma FVIII levels. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
12580	Comparative analysis of proliferative and multilineage differentiation potential of human periodontal ligament stem cells from maxillary and mandibular molars. <i>Journal of Periodontology</i> , 2023, 94, 882-895.	1.7	3
12581	Time course and mechanistic analysis of human umbilical cord perivascular cell mitigation of lipopolysaccharide-induced systemic and neurological inflammation. <i>Cytotherapy</i> , 2022, , .	0.3	3
12582	Towards a New Concept of Regenerative Endodontics Based on Mesenchymal Stem Cell-Derived Secretomes Products. <i>Bioengineering</i> , 2023, 10, 4.	1.6	8
12583	Mesenchymal Stem Cells in Radiation-Induced Pulmonary Fibrosis: Future Prospects. <i>Cells</i> , 2023, 12, 6.	1.8	3
12584	Heterogeneous pHPMA hydrogel promotes neuronal differentiation of bone marrow derived stromal cells in vitro and in vivo. <i>Biomedical Materials (Bristol)</i> , 2023, 18, 015027.	1.7	1
12585	Skin-Derived ABCB5+ Mesenchymal Stem Cells for High-Medical-Need Inflammatory Diseases: From Discovery to Entering Clinical Routine. <i>International Journal of Molecular Sciences</i> , 2023, 24, 66.	1.8	5
12586	Small Extracellular Vesicles Released from Bioglass/Hydrogel Scaffold Promote Vascularized Bone Regeneration by Transferring miR-23a-3p. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 6201-6220.	3.3	14
12587	A Pilot Study of Aptamer-Conjugated Silk Ligament with MSCs Recruitment Ability for ACL Reconstruction. <i>Journal of Natural Fibers</i> , 2023, 20, .	1.7	0
12588	GMP-compliant manufacturing of biologically active cell-derived vesicles produced by extrusion technology. , 2022, 1, .		6
12589	Adipose and amnion-derived mesenchymal stem cells: Extracellular vesicles characterization and implication for reproductive biotechnology. <i>Theriogenology</i> , 2023, 198, 264-272.	0.9	1
12590	Recent Emerging Trend in Stem Cell Therapy Risk Factors. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 1076-1089.	0.6	2
12591	circ-lqsec1 induces bone marrow-derived mesenchymal stem cell (BMSC) osteogenic differentiation through the miR-187-3p/Satb2 signaling pathway. <i>Arthritis Research and Therapy</i> , 2022, 24, .	1.6	2
12592	State-of-the-Art and Future Directions in Organ Regeneration with Mesenchymal Stem Cells and Derived Products during Dynamic Liver Preservation. <i>Medicina (Lithuania)</i> , 2022, 58, 1826.	0.8	2
12593	Secretome of Young Mesenchymal Stromal Cells Rejuvenates Aged Mesenchymal Stromal Cells by Normalizing Their Phenotype and Restoring Their Differentiation Profile. <i>Stem Cells and Development</i> , 2023, 32, 12-24.	1.1	3
12594	Molecular Features of the Mesenchymal and Osteoblastic Cells in Multiple Myeloma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15448.	1.8	2
12595	Cardiac Mesenchymal Stem Cell-like Cells Derived from a Young Patient with Bicuspid Aortic Valve Disease Have a Prematurely Aged Phenotype. <i>Biomedicines</i> , 2022, 10, 3143.	1.4	0
12596	Single-Cell and Spatial Transcriptomics Decodes Wharton's Jelly-Derived Mesenchymal Stem Cells Heterogeneity and a Subpopulation with Wound Repair Signatures. <i>Advanced Science</i> , 2023, 10, .	5.6	8

#	ARTICLE	IF	CITATIONS
12597	Medium supplementation can influence the human ovarian cells in vitro. <i>Journal of Ovarian Research</i> , 2022, 15, .	1.3	2
12598	Isolation, characterization and differentiation of dermal papilla cells from Small-tail Han sheep. <i>Animal Biotechnology</i> , 0, , 1-8.	0.7	1
12600	PROX1 transcription factor controls rhabdomyosarcoma growth, stemness, myogenic properties and therapeutic targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	1
12601	Effects of dedifferentiated fat cells on neurogenic differentiation and cell proliferation in neuroblastoma cells. <i>Pediatric Surgery International</i> , 2023, 39, .	0.6	0
12602	Comparison of adhesion of thawed and cultured synovial mesenchymal stem cells to the porcine meniscus and the relevance of cell surface microspikes. <i>BMC Molecular and Cell Biology</i> , 2022, 23, .	1.0	0
12603	Neural Regeneration in Regenerative Endodontic Treatment: An Overview and Current Trends. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15492.	1.8	3
12604	Cryoresistance of Cells Isolated from Human Subcutaneous Adipose Tissue with Phenotype Similar to That of Mesenchymal Stem Cells. <i>Cell and Tissue Biology</i> , 2022, 16, 582-588.	0.2	0
12605	Evaluating the Effect of Hypoxia on Human Adult Mesenchymal Stromal Cell Chondrogenesis In Vitro: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15210.	1.8	2
12606	Supplementation of mitochondria from endometrial mesenchymal stem cells improves oocyte quality in aged mice. <i>Cell Proliferation</i> , 2023, 56, .	2.4	5
12607	Experimental Transplantation of Mesenchymal Stromal Cells as an Approach to Studying Their Differentiation In Vivo (Review). <i>Biology Bulletin</i> , 2022, 49, 569-579.	0.1	0
12608	Mesenchymal Stem/Stromal Cells in Cancer: from Initiation to Metastasis. <i>Archives of Medical Research</i> , 2022, 53, 785-793.	1.5	2
12609	Development of Allogeneic Stem Cell-Based Platform for Delivery and Potentiation of Oncolytic Virotherapy. <i>Cancers</i> , 2022, 14, 6136.	1.7	1
12611	^{99m} Tc-HDP Labelingâ€”A Non-Destructive Method for Real-Time Surveillance of the Osteogenic Differentiation Potential of hMSC during Ongoing Cell Cultures. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15874.	1.8	2
12613	Comparison of the yields and properties of dedifferentiated fat cells and mesenchymal stem cells derived from infrapatellar fat pads. <i>Regenerative Therapy</i> , 2022, 21, 611-619.	1.4	1
12614	ALK5 INHIBITORS FOR EFFICIENT DERIVATION OF MESENCHYMAL STEM CELLS FROM HUMAN EMBRYONIC STEM CELLS. <i>Tissue Engineering - Part A</i> , 0, , .	1.6	0
12616	Gangliosides and Their Role in Multilineage Differentiation of Mesenchymal Stem Cells. <i>Biomedicines</i> , 2022, 10, 3112.	1.4	8
12617	Cardiac Transcription Regulators Differentiate Human Umbilical Cord Mesenchymal Stem Cells into Cardiac Cells. <i>ATLA Alternatives To Laboratory Animals</i> , 2023, 51, 12-29.	0.7	2
12618	Cartilaginous Organoids: Advances, Applications, and Perspectives. <i>Advanced NanoBiomed Research</i> , 2023, 3, .	1.7	1

#	ARTICLE	IF	CITATIONS
12619	Feline umbilical cord mesenchymal stem cells: Isolation and inÂvitro characterization from distinct parts of the umbilical cord. <i>Theriogenology</i> , 2023, 201, 116-125.	0.9	2
12620	Bone marrow mesenchymal stem cells alleviate stress-induced hyperalgesia via restoring gut microbiota and inhibiting neuroinflammation in the spinal cord by targeting the AMPK/NF- κ B signaling pathway. <i>Life Sciences</i> , 2023, 314, 121318.	2.0	2
12621	Impairment of FOXM1 expression in mesenchymal cells from patients with myeloid neoplasms, de novo and therapy-related, may compromise their ability to support hematopoiesis. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
12622	Therapeutic Potential of Mesenchymal Stem Cells in the Treatment of Epilepsy and Their Interaction with Antiseizure Medications. <i>Cells</i> , 2022, 11, 4129.	1.8	2
12623	Cellular expansion of <sc>MSCs</sc>: Shifting the regenerative potential. <i>Aging Cell</i> , 2023, 22, .	3.0	11
12624	Comprehensive narrative review on the analysis of outcomes from cell transplantation clinical trials for discogenic low back pain. <i>North American Spine Society Journal (NASSJ)</i> , 2023, 13, 100195.	0.3	4
12625	The Composition of Adipose-Derived Regenerative Cells Isolated from Lipoaspirate Using a Point of Care System Does Not Depend on the Subjectâ€™s Individual Age, Sex, Body Mass Index and Ethnicity. <i>Cells</i> , 2023, 12, 30.	1.8	6
12626	The Role of Extracellular Matrix and Hydrogels in Mesenchymal Stem Cell Chondrogenesis and Cartilage Regeneration. <i>Life</i> , 2022, 12, 2066.	1.1	2
12627	Mesenchymal Stromal Cells Laden in Hydrogels for Osteoarthritis Cartilage Regeneration: A Systematic Review from In Vitro Studies to Clinical Applications. <i>Cells</i> , 2022, 11, 3969.	1.8	6
12628	Hypothermic Preservation of Adipose-Derived Mesenchymal Stromal Cells as a Viable Solution for the Storage and Distribution of Cell Therapy Products. <i>Bioengineering</i> , 2022, 9, 805.	1.6	2
12629	Epigenetic regulation of mesenchymal stem cell aging through histone modifications. <i>Genes and Diseases</i> , 2022, , .	1.5	2
12630	Analysis of Possible Mechanisms of Endometrial Stem Cell Migration Suppression by Selective Chemical Activation of Piezo1 Mechanosensitive Channels. <i>Cell and Tissue Biology</i> , 2022, 16, 599-607.	0.2	0
12631	State of the Art and Future of Stem Cell Therapy in Ischemic Stroke: Why Donâ€™t We Focus on Their Administration?. <i>Bioengineering</i> , 2023, 10, 118.	1.6	1
12632	Bone marrow mesenchymal stem cellsâ€™ osteogenic potential: superiority or non-superiority to other sources of mesenchymal stem cells?. <i>Cell and Tissue Banking</i> , 0, , .	0.5	1
12633	Eltrombopag increases the hematopoietic supporting ability of mesenchymal stem/stromal cells. <i>Therapeutic Advances in Hematology</i> , 2022, 13, 204062072211421.	1.1	0
12634	Protective effects of conditioned media of immortalized stem cells from human exfoliated deciduous teeth on pressure ulcer formation. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
12635	Coâ€initiators of polymerization can modulate the inflammatory cytokine release without major cytotoxic effects in human dental pulp cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 0, , .	1.6	0
12636	Heat Shock Protein 27 Is Involved in the Bioactive Glass Induced Osteogenic Response of Human Mesenchymal Stem Cells. <i>Cells</i> , 2023, 12, 224.	1.8	1

#	ARTICLE	IF	CITATIONS
12637	Therapeutic delivery of microRNA-125a-5p oligonucleotides improves recovery from myocardial ischemia/reperfusion injury in mice and swine. <i>Theranostics</i> , 2023, 13, 685-703.	4.6	26
12638	Review: cellularity in bone marrow autografts for bone and fracture healing. <i>American Journal of Physiology - Cell Physiology</i> , 2023, 324, C517-C531.	2.1	1
12639	Secretome of Mesenchymal Stromal Cells as a Possible Innovative Therapeutic Tool in Facial Nerve Injury Treatment. <i>BioMed Research International</i> , 2023, 2023, 1-7.	0.9	2
12641	Evaluation of Human Mesenchymal Stromal Cells as Carriers for the Delivery of Oncolytic HAdV-5 to Head and Neck Squamous Cell Carcinomas. <i>Viruses</i> , 2023, 15, 218.	1.5	0
12642	Mesenchymal stem cell-based therapy for female stress urinary incontinence. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	0
12644	Autologous Human Mesenchymal Stem Cell-Based Therapy in Infertility: New Strategies and Future Perspectives. <i>Biology</i> , 2023, 12, 108.	1.3	1
12645	CNTNAP4 signaling regulates osteosarcoma disease progression. <i>Npj Precision Oncology</i> , 2023, 7, .	2.3	0
12647	Role of Mesenchymal Stem/Stromal Cells in Cancer Development. , 2023, , .		0
12648	Stem Cells for Cancer Therapy: Translating the Uncertainties and Possibilities of Stem Cell Properties into Opportunities for Effective Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1012.	1.8	2
12649	Mesenchymal stromal cell senescence in haematological malignancies. <i>Cancer and Metastasis Reviews</i> , 2023, 42, 277-296.	2.7	11
12650	Mesenchymal Stromal Cell Therapy Reverses Detrusor Hypoactivity in a Chronic Kidney Patient. <i>Biomedicines</i> , 2023, 11, 218.	1.4	1
12651	Synovial Fluid Derived from Human Knee Osteoarthritis Increases the Viability of Human Adipose-Derived Stem Cells through Upregulation of FOSL1. <i>Cells</i> , 2023, 12, 330.	1.8	1
12652	Evaluation of the Potential of Umbilical Cord Mesenchymal Stromal Cell-Derived Small Extracellular Vesicles to Improve Rotator Cuff Healing: A Pilot Ovine Study. <i>American Journal of Sports Medicine</i> , 2023, 51, 331-342.	1.9	7
12653	Peripheral blood mononuclear cells contribute to myogenesis in a 3D bioengineered system of bone marrow mesenchymal stem cells and myoblasts. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	3
12654	Stromal bone marrow fibroblasts and mesenchymal stem cells support acute myeloid leukaemia cells and promote therapy resistance. <i>British Journal of Pharmacology</i> , 2024, 181, 216-237.	2.7	4
12655	Dental Stem Cells SV40, a new cell line developed <i>in vitro</i> from human stem cells of the apical papilla. <i>International Endodontic Journal</i> , 2023, 56, 502-513.	2.3	1
12656	A Response to Article "Do Mesenchymal Stem Cells Influence Keloid Recurrence?" [Letter]. <i>Stem Cells and Cloning: Advances and Applications</i> , 0, Volume 16, 1-2.	2.3	1
12657	AMPK Regulates DNA Methylation of PGC-1 α and Myogenic Differentiation in Human Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2023, 32, 131-139.	1.1	2

#	ARTICLE	IF	CITATIONS
12658	Hypoxia and Hypoxia Mimetic Agents As Potential Priming Approaches to Empower Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2024, 19, 33-54.	0.6	1
12659	Biologic Adjuvants for Rotator Cuff Augmentation. <i>Operative Techniques in Sports Medicine</i> , 2023, , 150988.	0.2	0
12661	Combining Bone Collagen Material with hUC-MSCs for Application to Spina Bifida in a Rabbit Model. <i>Stem Cell Reviews and Reports</i> , 0, , .	1.7	0
12662	Toxicity Impacts on Human Adipose Mesenchymal Stem/Stromal Cells Acutely Exposed to Aroclor and Non-Aroclor Mixtures of Polychlorinated Biphenyl. <i>Environmental Science & Technology</i> , 2023, 57, 1731-1742.	4.6	5
12663	Electric field-directed migration of mesenchymal stem cells enhances their therapeutic potential on cisplatin-induced acute nephrotoxicity in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2023, 396, 1077-1093.	1.4	2
12664	Comparative Analysis of the Potential for Germ Cell (GC) Differentiation of Bovine Peripheral Blood Derived-Mesenchymal Stem Cells (PB-MSC) and Spermatogonial Stem Cells (SSC) in Co-Culture System with Sertoli Cells (SC). <i>Animals</i> , 2023, 13, 318.	1.0	2
12665	Human platelet lysate enhances proliferation but not chondrogenic differentiation of pediatric mesenchymal progenitors. <i>Cytotherapy</i> , 2023, , .	0.3	2
12666	Comparing the Therapeutic Mechanism and Immune Response of Human and Mouse Mesenchymal Stem Cells in Immunocompetent Mice With Acute Liver Failure. <i>Stem Cells Translational Medicine</i> , 2023, 12, 39-53.	1.6	2
12667	Multipotent Mesenchymal Stromal Cells from Porcine Bone Marrow, Implanted under the Kidney Capsule, form an Ectopic Focus Containing Bone, Hematopoietic Stromal Microenvironment, and Muscles. <i>Cells</i> , 2023, 12, 268.	1.8	1
12668	Mesenchymal stromal cell therapy for patients with rheumatoid arthritis. <i>Experimental Cell Research</i> , 2023, 423, 113468.	1.2	1
12669	Human dental pulp stem cell monolayer and spheroid therapy after spinal motor root avulsion in adult rats. <i>Brain Research</i> , 2023, 1802, 148229.	1.1	2
12670	Effect of Mesenchymal Stem Cells in Autoimmune Arthritis. <i>European Medical Journal Rheumatology</i> , 0, , 130-137.	0.0	0
12671	Signaling pathways of adipose stem cell-derived exosomes promoting muscle regeneration. <i>Chinese Medical Journal</i> , 2022, 135, 2525-2534.	0.9	5
12672	Hamstring Injuries: Critical Analysis Review of Current Nonoperative Treatments. <i>JBJS Reviews</i> , 2022, 10, .	0.8	0
12673	Native and engineered exosomes for inflammatory disease. <i>Nano Research</i> , 2023, 16, 6991-7006.	5.8	10
12674	A comparison study of dental pulp stem cells derived from healthy and orthodontically intruded human permanent teeth for mesenchymal stem cell characterisation. <i>PLoS ONE</i> , 2022, 17, e0279129.	1.1	1
12675	Creation, working principles, development of applied and fundamental scientific activities of the Collection of Cell Cultures of Vertebrates. <i>Biological Communications</i> , 2022, 67, .	0.4	1
12676	Isolation and Cultivation of Adipose-Derived Mesenchymal Stem Cells Originating from the Infrapatellar Fat Pad Differentiated with Blood Products: Method and Protocol. <i>Methods and Protocols</i> , 2023, 6, 3.	0.9	0

#	ARTICLE	IF	CITATIONS
12677	Age effect on mesenchymal stem cell properties: a concise review. <i>Aging Pathobiology and Therapeutics</i> , 2022, 4, 109-118.	0.3	0
12678	Microcapsule-Based Dose-Dependent Regulation of the Lifespan and Behavior of Adipose-Derived MSCs as a Cell-Mediated Delivery System: In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2023, 24, 292.	1.8	1
12679	Efficacious Restoration of Intractable Trauma by Administration of Mesenchymal Stem/Stromal Cells and Hydrogel Composite: A Case Series. <i>Current Chinese Science</i> , 2023, 3, 106-116.	0.2	0
12680	In Vitro Evidence of Differential Immunoregulatory Response between MDA-MB-231 and BT-474 Breast Cancer Cells Induced by Bone Marrow-Derived Mesenchymal Stromal Cells Conditioned Medium. <i>Current Issues in Molecular Biology</i> , 2023, 45, 268-285.	1.0	1
12681	Activation and Metabolic Shifting: An Essential Process to Mesenchymal Stromal Cells Function. <i>Biochemistry</i> , 0, , .	0.8	0
12682	Comprehensive analysis of M2 macrophage-derived exosomes facilitating osteogenic differentiation of human periodontal ligament stem cells. <i>BMC Oral Health</i> , 2022, 22, .	0.8	8
12683	Cultivo de células troncales de médula ósea de ratas para uso en regeneración de tejidos. <i>Universitas Odontologica: Revista Científica De La Facultad De Odontologica</i> , 0, 41, .	0.2	0
12684	The role of process systems engineering in applying quality by design (QbD) in mesenchymal stem cell production. <i>Computers and Chemical Engineering</i> , 2023, 172, 108144.	2.0	0
12685	Human adipose-derived stem cells can optimize the filling material in rats. <i>Bio-Medical Materials and Engineering</i> , 2023, , 1-11.	0.4	0
12686	Exosomes derived from mesenchymal stem cells: A promising cell-free therapeutic tool for cutaneous wound healing. <i>Biochimie</i> , 2023, 209, 73-84.	1.3	4
12687	Gene expression profiles in mesenchymal stromal cells from bone marrow, adipose tissue and lung tissue of COPD patients and controls. <i>Respiratory Research</i> , 2023, 24, .	1.4	4
12688	Differential chondrogenic differentiation between iPSC derived from healthy and OA cartilage is associated with changes in epigenetic regulation and metabolic transcriptomic signatures. <i>ELife</i> , 0, 12, .	2.8	9
12689	The mesenchymal compartment in myelodysplastic syndrome: Its role in the pathogenesis of the disorder and its therapeutic targeting. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	0
12690	Alterations of mesenchymal stem cells on regulating Th17 and Treg differentiation in severe aplastic anemia. <i>Aging</i> , 2022, 15, 553-566.	1.4	3
12691	Scaffold Guided Bone Regeneration for the Treatment of Large Segmental Defects in Long Bones. <i>Biomedicine</i> , 2023, 11, 325.	1.4	6
12693	25-hydroxyvitamin D3 generates immunomodulatory plasticity in human periodontal ligament-derived mesenchymal stromal cells that is inflammatory context-dependent. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	1
12694	Immortalized Canine Adipose-Derived Mesenchymal Stem Cells as a Novel Candidate Cell Source for Mesenchymal Stem Cell Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2250.	1.8	4
12695	Adipose and Bone Marrow Derived-Mesenchymal Stromal Cells Express Similar Tenogenic Expression Levels when Subjected to Mechanical Uniaxial Stretching In Vitro. <i>Stem Cells International</i> , 2023, 2023, 1-13.	1.2	0

#	ARTICLE	IF	CITATIONS
12697	Oncolytic virus-based hepatocellular carcinoma treatment: Current status, intravenous delivery strategies, and emerging combination therapeutic solutions. <i>Asian Journal of Pharmaceutical Sciences</i> , 2023, 18, 100771.	4.3	6
12698	A novel approach for large-scale manufacturing of small extracellular vesicles from bone marrow-derived mesenchymal stromal cells using a hollow fiber bioreactor. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	5
12699	miR-126 mitigates the osteogenic differentiation of human bone marrow-derived mesenchymal stem cells by targeting the ERK1/2 and Bcl-2 pathways. <i>Acta Biochimica Et Biophysica Sinica</i> , 2023, 55, 449-459.	0.9	1
12700	A New Osteogenic Membrane to Enhance Bone Healing: At the Crossroads between the Periosteum, the Induced Membrane, and the Diamond Concept. <i>Bioengineering</i> , 2023, 10, 143.	1.6	3
12701	Stem cells, organoids, and cellular therapy. , 2023, , 233-263.		0
12702	Cancer-educated mammary adipose tissue-derived stromal/stem cells in obesity and breast cancer: spatial regulation and function. <i>Journal of Experimental and Clinical Cancer Research</i> , 2023, 42, .	3.5	9
12703	Strontiumâ€modified titanium substrate promotes osteogenic differentiation of <scp>MSCs</scp> and implant osseointegration via upregulating <scp>CDH2</scp>. <i>Clinical Oral Implants Research</i> , 2023, 34, 297-311.	1.9	4
12704	Stem Cell-Based Therapeutic Approaches in Genetic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2023, , .	0.8	0
12705	Modulatory effects of mesenchymal stem cells on microglia in ischemic stroke. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
12706	Cancer Stem Cells and Their Therapeutic Usage. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 69-85.	0.8	2
12707	Investigating the Effects of Indirect Coculture of Human Mesenchymal Stem Cells on the Migration of Breast Cancer Cells: A Systematic Review and Meta-Analysis. <i>Breast Cancer: Basic and Clinical Research</i> , 2023, 17, 117822342211453.	0.6	0
12709	The Wisdom in Teeth: Neuronal Differentiation of Dental Pulp Cells. <i>Cellular Reprogramming</i> , 0, , .	0.5	4
12710	A multifunctional sateen woven dressings for treatment of skin injuries. <i>Colloids and Surfaces B: Biointerfaces</i> , 2023, 224, 113197.	2.5	1
12711	Extracellular Vesicles from Mesenchymal Stem Cells: Towards Novel Therapeutic Strategies for Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2917.	1.8	7
12712	The Role of Lung Resident Mesenchymal Stromal Cells in the Pathogenesis and Repair of Chronic Lung Disease. <i>Stem Cells</i> , 2023, 41, 431-443.	1.4	7
12713	Mesenchymal stromal cells for bone trauma, defects, and disease: Considerations for manufacturing, clinical translation, and effective treatments. <i>Bone Reports</i> , 2023, 18, 101656.	0.2	1
12714	Study of the interaction between macrophages and human umbilical cord MSCs in vivo on the model of peritonitis in mice. <i>Biopolymers and Cell</i> , 2022, 38, 231-241.	0.1	1
12715	Reduced proliferation of bone marrow MSC after allogeneic stem cell transplantation is associated with clinical outcome. <i>Blood Advances</i> , 0, , .	2.5	0

#	ARTICLE	IF	CITATIONS
12716	A Three-Dimensional Xeno-Free Culture Condition for Whartonâ€™s Jelly-Mesenchymal Stem Cells: The Pros and Cons. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3745.	1.8	1
12717	Selective vulnerability of human-induced pluripotent stem cells to dihydroorotate dehydrogenase inhibition during mesenchymal stem/stromal cell purification. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	3
12718	Implication of Cellular Senescence in Osteoarthritis: A Study on Equine Synovial Fluid Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3109.	1.8	0
12719	Small Molecule GSK-3 Inhibitors Safely Promote the Proliferation and Viability of Human Dental Pulp Stem Cellsâ€™ In Vitro. <i>Biomedicines</i> , 2023, 11, 542.	1.4	2
12720	The enhancer landscape predetermines the skeletal regeneration capacity of stromal cells. <i>Science Translational Medicine</i> , 2023, 15, .	5.8	7
12721	Isolation and cultivation as well as in situ identification of MSCs from equine dental pulp and periodontal ligament. <i>Frontiers in Veterinary Science</i> , 0, 10, .	0.9	0
12722	Enhanced bioprocess control to advance the manufacture of mesenchymal stromal cellâ€™derived extracellular vesicles in stirredâ€™tank bioreactors. <i>Biotechnology and Bioengineering</i> , 2023, 120, 2725-2741.	1.7	6
12723	Novel Potential Markers of Myofibroblast Differentiation Revealed by Single-Cell RNA Sequencing Analysis of Mesenchymal Stromal Cells in Profibrotic and Adipogenic Conditions. <i>Biomedicines</i> , 2023, 11, 840.	1.4	2
12724	Immunomodulatory Functions of Adipose Mesenchymal Stromal/Stem Cell Derived From Donors With Type 2 Diabetes and Obesity on CD4 T Cells. <i>Stem Cells</i> , 2023, 41, 505-519.	1.4	2
12725	Cytokines in equine platelet lysate and related blood products. <i>Frontiers in Veterinary Science</i> , 0, 10, .	0.9	1
12726	Challenges and strategies: Scalable and efficient production of mesenchymal stem cells-derived exosomes for cell-free therapy. <i>Life Sciences</i> , 2023, 319, 121524.	2.0	11
12727	Evaluation of amniotic fluid treatment effect on placental stem cells immunomodulatory activity. <i>Journal of King Saud University - Science</i> , 2023, 35, 102648.	1.6	0
12728	Progression of pre-rheumatoid arthritis to clinical disease of joints: Potential role of mesenchymal stem cells. <i>Life Sciences</i> , 2023, 321, 121641.	2.0	4
12729	Biofabrication of engineered dento-alveolar tissue. , 2023, 148, 213371.		4
12730	Biophysical cues to improve the immunomodulatory capacity of mesenchymal stem cells: The progress and mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114655.	2.5	3
12731	Clinical results of neurorestorative cell therapies and therapeutic indications according to cellular bio-properties. <i>Regenerative Therapy</i> , 2023, 23, 52-59.	1.4	1
12732	Effect of the injectable alginate/ nano-hydroxyapatite and the silica/ nano-hydroxyapatite composites on the stem cells: a comparative study. <i>Journal of Non-Crystalline Solids</i> , 2023, 610, 122327.	1.5	6
12733	3D printed pore morphology mediates bone marrow stem cell behaviors via RhoA/ROCK2 signaling pathway for accelerating bone regeneration. <i>Bioactive Materials</i> , 2023, 26, 413-424.	8.6	6

#	ARTICLE	IF	CITATIONS
12734	Patient-Specific iPSC-Derived Models Link Aberrant Endoplasmic Reticulum Stress Sensing and Response to Juvenile Osteochondritis Dissecans Etiology. <i>Stem Cells Translational Medicine</i> , 2023, 12, 293-306.	1.6	1
12736	Lyophilized human platelet lysate as a supplementation in the culture of umbilical cord derived mesenchymal stem cells. <i>Tissue and Cell</i> , 2023, 82, 102092.	1.0	0
12737	Impact of borosilicate bioactive glass scaffold processing and reactivity on in-vitro dissolution properties. <i>Materials Today Communications</i> , 2023, 35, 105984.	0.9	0
12743	Administration of stem cells against cardiovascular diseases with a focus on molecular mechanisms: Current knowledge and prospects. <i>Tissue and Cell</i> , 2023, 81, 102030.	1.0	2
12744	Effect of Multipotent Mesenchymal Stromal Cells on Functional Activity of Monocyte-Derived Macrophages under Short-Term Hypoxic Stress in Vitro. <i>Human Physiology</i> , 2022, 48, 899-905.	0.1	0
12745	Mesenchymal Stem Cells as A New Approach for the Treatment of Multiple Sclerosis: A Literature Review. <i>Galen</i> , 0, 11, .	0.6	0
12746	SOCS7-Derived BC-Box Motif Peptide Mediated Cholinergic Differentiation of Human Adipose-Derived Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2786.	1.8	1
12747	Improved efficacy of mesenchymal stromal cells stably expressing CXCR4 and IL-10 in a xenogeneic graft versus host disease mouse model. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	1
12748	Mesenchymal stem cell-based therapy for non-healing wounds due to chronic limb-threatening ischemia: A review of preclinical and clinical studies. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	10
12749	Infusion of Some but Not All Types of Human Perinatal Stromal Cells Prevent Organ Fibrosis in a Humanized Graft versus Host Disease Murine Model. <i>Biomedicines</i> , 2023, 11, 415.	1.4	0
12750	Combining single-cell transcriptomics and CellTagging to identify differentiation trajectories of human adipose-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	3
12751	Identification of a Novel Wnt Antagonist Based Therapeutic and Diagnostic Target for Alzheimer's Disease Using a Stem Cell-Derived Model. <i>Bioengineering</i> , 2023, 10, 192.	1.6	4
12753	Regulatory Mechanism between Ferritin and Mitochondrial Reactive Oxygen Species in Spinal Ligament-Derived Cells from Ossification of Posterior Longitudinal Ligament Patient. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2872.	1.8	1
12754	Age-associated declining of the regeneration potential of skeletal stem/progenitor cells. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	5
12755	Mesenchymal stem cells in the treatment of osteogenesis imperfecta. <i>Cell Regeneration</i> , 2023, 12, .	1.1	3
12756	Prophylactic Administration of Mesenchymal Stromal Cells Does Not Prevent Arrested Lung Development in Extremely Premature-Born Non-Human Primates. <i>Stem Cells Translational Medicine</i> , 2023, 12, 97-111.	1.6	2
12757	Isolation and cultivation of MSC-like population from the rabbit amniotic membrane. <i>Biopolymers and Cell</i> , 2022, 38, 224-230.	0.1	0
12758	Advances in Mesenchymal Stem Cell Therapy for Osteoarthritis: From Preclinical and Clinical Perspectives. <i>Bioengineering</i> , 2023, 10, 195.	1.6	13

#	ARTICLE	IF	CITATIONS
12760	The Role of COX-2 and PGE2 in the Regulation of Immunomodulation and Other Functions of Mesenchymal Stromal Cells. <i>Biomedicines</i> , 2023, 11, 445.	1.4	21
12761	The Role of Various Factors in Neural Differentiation of Human Umbilical Cord Mesenchymal Stem Cells with a Special Focus on the Physical Stimulants. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, .	0.6	1
12762	Advances in tooth agenesis and tooth regeneration. <i>Regenerative Therapy</i> , 2023, 22, 160-168.	1.4	3
12765	Hydrogels from TEMPO-Oxidized Nanofibrillated Cellulose Support <i>In Vitro</i> Cultivation of Encapsulated Human Mesenchymal Stem Cells. <i>ACS Applied Bio Materials</i> , 2023, 6, 543-551.	2.3	1
12766	The effects of mesenchymal stem cells on the chemotherapy of colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2023, 160, 114373.	2.5	2
12767	Deciphering the Heterogeneity Landscape of Mesenchymal Stem/Stromal Cell-Derived Extracellular Vesicles for Precise Selection in Translational Medicine. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	2
12768	Manufacture of extracellular vesicles derived from mesenchymal stromal cells. <i>Trends in Biotechnology</i> , 2023, 41, 965-981.	4.9	5
12769	Testosterone Propionate Promotes Proliferation and Viability of Bone Marrow Mesenchymal Stem Cells while Preserving Their Characteristics and Inducing Their Anti-Cancer Efficacy. <i>Balkan Medical Journal</i> , 2023, 40, 117-123.	0.3	1
12770	Adipokines at the crossroads of obesity and mesenchymal stem cell therapy. <i>Experimental and Molecular Medicine</i> , 2023, 55, 313-324.	3.2	6
12772	A passage-dependent network for estimating the in vitro senescence of mesenchymal stromal/stem cells using microarray, bulk and single cell RNA sequencing. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	3
12773	Potential of Mesenchymal Stromal Cell-Derived Extracellular Vesicles as Natural Nanocarriers: Concise Review. <i>Pharmaceutics</i> , 2023, 15, 558.	2.0	5
12774	Shining the light on mesenchymal stem cell-derived exosomes in breast cancer. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	7
12775	Autologous Platelet and Extracellular Vesicle-Rich Plasma as Therapeutic Fluid: A Review. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3420.	1.8	7
12776	Current developments and therapeutic potentials of exosomes from induced pluripotent stem cells-derived mesenchymal stem cells. <i>Journal of the Chinese Medical Association</i> , 2023, 86, 356-365.	0.6	2
12777	BMP-6 promotes type 2 immune response during enhancement of rat mandibular bone defect healing. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	1
12778	How Mechanical and Physicochemical Material Characteristics Influence Adipose-Derived Stem Cell Fate. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3551.	1.8	3
12779	Cell surface markers for mesenchymal stem cells related to the skeletal system: A scoping review. <i>Heliyon</i> , 2023, 9, e13464.	1.4	4
12780	Novel Scaffold Based on Chitosan Hydrogels/Phthalated Cashew Gum for Supporting Human Dental Pulp Stem Cells. <i>Pharmaceutics</i> , 2023, 16, 266.	1.7	7

#	ARTICLE	IF	CITATIONS
12781	Mesenchymal Stem Cell Transplantation for Spinal Cord Injury: Current Status and Prospects. <i>Spine Surgery and Related Research</i> , 2023, 7, 319-326.	0.4	2
12782	The Oncogenic Theory of Preeclampsia: Is Amniotic Mesenchymal Stem Cells-Derived PLAC1 Involved?. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3612.	1.8	1
12783	Mesenchymal Stem-Like Cells Derived from the Ventricle More Effectively Enhance Invasiveness of Glioblastoma Than Those Derived from the Tumor. <i>Yonsei Medical Journal</i> , 2023, 64, 157.	0.9	1
12784	Current challenges and future directions for engineering extracellular vesicles for heart, lung, blood and sleep diseases. <i>Journal of Extracellular Vesicles</i> , 2023, 12, .	5.5	25
12785	Hepatocyte growth factor-modified hair follicle stem cells ameliorate cerebral ischemia/reperfusion injury in rats. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	2
12786	Hopes and opportunities of stem cells from human exfoliated deciduous teeth (SHED) in cartilage tissue regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	2
12787	Wound healing by transplantation of mesenchymal stromal cells loaded on polyethylene terephthalate scaffold: Implications for skin injury treatment. <i>Injury</i> , 2023, 54, 1071-1081.	0.7	0
12789	In Vitro Enhanced Osteogenic Potential of Human Mesenchymal Stem Cells Seeded in a Poly (Lactic- <i>co</i> -Glycolic) Acid Scaffold: A Systematic Review. <i>Craniomaxillofacial Trauma & Reconstruction</i> , 2024, 17, 61-73.	0.6	0
12790	Cartilage 3D bioprinting for rhinoplasty using adipose-derived stem cells as seed cells: Review and recent advances. <i>Cell Proliferation</i> , 2023, 56, .	2.4	5
12792	Degenerative tendon matrix induces tenogenic differentiation of mesenchymal stem cells. <i>Journal of Experimental Orthopaedics</i> , 2023, 10, .	0.8	1
12793	Cytochalasin B Influences Cytoskeletal Organization and Osteogenic Potential of Human Wharton's Jelly Mesenchymal Stem Cells. <i>Pharmaceuticals</i> , 2023, 16, 289.	1.7	4
12794	Mesenchymal stromal cell-associated migrasomes: a new source of chemoattractant for cells of hematopoietic origin. <i>Cell Communication and Signaling</i> , 2023, 21, .	2.7	10
12795	An overview of the current advances in the treatment of inflammatory diseases using mesenchymal stromal cell secretome. <i>Immunopharmacology and Immunotoxicology</i> , 0, , 1-11.	1.1	0
12796	Methyltransferase-like 3 modulates osteogenic differentiation of adipose-derived stem cells in osteoporotic rats. <i>Journal of Gene Medicine</i> , 2023, 25, .	1.4	2
12797	Adipose mesenchymal stem cell-derived extracellular vesicles reduce glutamate-induced excitotoxicity in the retina. <i>Neural Regeneration Research</i> , 2023, 18, 2315.	1.6	3
12798	Conditioned Medium " Is it an Undervalued Lab Waste with the Potential for Osteoarthritis Management?. <i>Stem Cell Reviews and Reports</i> , 2023, 19, 1185-1213.	1.7	6
12799	Expression of Basement Membrane Molecules by Wharton Jelly Stem Cells (WJSC) in Full-Term Human Umbilical Cords, Cell Cultures and Microtissues. <i>Cells</i> , 2023, 12, 629.	1.8	2
12800	Stem cell-based interventions for the prevention and treatment of intraventricular haemorrhage and encephalopathy of prematurity in preterm infants. <i>The Cochrane Library</i> , 2023, 2023, .	1.5	1

#	ARTICLE	IF	CITATIONS
12801	Human umbilical cord mesenchymal stem cells derived extracellular vesicles alleviate salpingitis by promoting M1 to M2 transformation. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	4
12802	Immunological priming of mesenchymal stromal/stem cells and their extracellular vesicles augments their therapeutic benefits in experimental graft-versus-host disease via engagement of PD-1 ligands. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	10
12803	Stem cell-based interventions for the treatment of stroke in newborn infants. <i>The Cochrane Library</i> , 2023, 2023, .	1.5	1
12804	Mesenchymal Stem Cells Genetically Modified by Lentivirus-Express Soluble TRAIL and Interleukin-12 Inhibit Growth and Reduced Metastasis-Related Changes in Lymphoma Mice Model. <i>Biomedicines</i> , 2023, 11, 595.	1.4	3
12805	Increasing Apoptotic Effect of Cord Blood and Wharton's Jelly-derived Mesenchymal Stem Cells on HT-29. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 1133-1141.	0.6	0
12806	Age-related ultrastructural changes in spheroids of the adipose-derived multipotent mesenchymal stromal cells from ovariectomized mice. <i>Frontiers in Cellular Neuroscience</i> , 0, 17, .	1.8	1
12807	Bone Differentiation Ability of CD146-Positive Stem Cells from Human Exfoliated Deciduous Teeth. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4048.	1.8	3
12808	Nanostructure Mediated Piezoelectric Effect of Tetragonal BaTiO ₃ Coatings on Bone Mesenchymal Stem Cell Shape and Osteogenic Differentiation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4051.	1.8	3
12809	Dose-specific efficacy of adipose-derived mesenchymal stem cells in septic mice. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	1
12810	Extracellular Vesicles and MicroRNA in Myelodysplastic Syndromes. <i>Cells</i> , 2023, 12, 658.	1.8	1
12811	Nanosensitive optical coherence tomography for detecting structural changes in stem cells. <i>Biomedical Optics Express</i> , 2023, 14, 1411.	1.5	2
12812	Tissue-Oxygen-Adaptation of Bone Marrow-Derived Mesenchymal Stromal Cells Enhances Their Immunomodulatory and Pro-Angiogenic Capacity, Resulting in Accelerated Healing of Chemical Burns. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4102.	1.8	5
12813	Contemporary Review: Autograft Bone Use in Foot and Ankle Surgery. <i>Foot & Ankle Orthopaedics</i> , 2023, 8, 247301142311531.	0.1	0
12814	Pericyte stem cells induce Ly6G ⁺ cell accumulation and immunotherapy resistance in pancreatic cancer. <i>EMBO Reports</i> , 2023, 24, .	2.0	2
12815	The benefits of adipocyte metabolism in bone health and regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	3
12816	Efficacy of stem cell secretome loaded in hyaluronate sponge for topical treatment of psoriasis. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	0
12817	The in vitro treatment of mesenchymal stem cells for colorectal cancer cells. , 2023, 40, .		1
12818	Novel Sensing Technique for Stem Cells Differentiation Using Dielectric Spectroscopy of Their Proteins. <i>Sensors</i> , 2023, 23, 2397.	2.1	0

#	ARTICLE	IF	CITATIONS
12819	Prospective Randomized Trial of Biologic Augmentation With Bone Marrow Aspirate Concentrate in Patients Undergoing Arthroscopic Rotator Cuff Repair. <i>American Journal of Sports Medicine</i> , 2023, 51, 1234-1242.	1.9	6
12820	Mesenchymal Stem Cells in Acquired Aplastic Anemia: The Spectrum from Basic to Clinical Utility. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4464.	1.8	3
12821	Neuroprotective Effect of Combined Treatment with Epigallocatechin 3-Gallate and Melatonin on Familial Alzheimer's Disease PSEN1 E280A Cerebral Spheroids Derived from Menstrual Mesenchymal Stromal Cells. <i>Journal of Alzheimer's Disease</i> , 2023, , 1-16.	1.2	3
12822	Characterisation of mesenchymal stem cells conditioned media obtained at different conditioning times: their effect on glial cells in <i>in vitro</i> scratch model. <i>Growth Factors</i> , 0, , 1-14.	0.5	1
12823	Immunomodulatory effect of human dedifferentiated fat cells: comparison with adipose-derived stem cells. <i>Cytotechnology</i> , 0, , .	0.7	0
12824	Treatment of Acute Respiratory Distress Syndrome Caused by COVID-19 with Human Umbilical Cord Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4435.	1.8	3
12825	Application of mesenchymal stem cells for the treatment of traumatic brain injury and neurodegenerative diseases. <i>Journal of Stem Cell Research & Therapeutics</i> , 2022, 7, 1-10.	0.1	0
12826	Human umbilical cord mesenchymal stem cell-derived TGFBI attenuates streptozotocin-induced type 1 diabetes mellitus by inhibiting T-cell proliferation. <i>Human Cell</i> , 2023, 36, 997-1010.	1.2	2
12827	Bone Marrow Mesenchymal Stem-Cell-Derived Exosomes Ameliorate Deoxynivalenol-Induced Mice Liver Damage. <i>Antioxidants</i> , 2023, 12, 588.	2.2	2
12828	Bioengineered MSC-derived exosomes in skin wound repair and regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	15
12829	Extracellular Vesicles Derived from Auricular Chondrocytes Facilitate Cartilage Differentiation of Adipose-Derived Mesenchymal Stem Cells. <i>Aesthetic Plastic Surgery</i> , 2023, 47, 2823-2832.	0.5	1
12830	Differential regulation of skeletal stem/progenitor cells in distinct skeletal compartments. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	5
12831	Computational comparative analysis identifies potential stemness-related markers for mesenchymal stromal/stem cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	0
12832	PHOTOBIMODULATION IN DENTISTRY: A REVIEW OF THE LITERATURE. , 2023, , 23-25.		0
12833	Role of MSC-derived small extracellular vesicles in tissue repair and regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	10
12834	Effects of stem cell-derived exosome therapy on erectile dysfunction: a systematic review and meta-analysis of preclinical studies. <i>Sexual Medicine</i> , 2023, 11, .	0.9	5
12835	Review of Basic Research about Ossification of the Spinal Ligaments Focusing on Animal Models. <i>Journal of Clinical Medicine</i> , 2023, 12, 1958.	1.0	0
12836	Are the Properties of Bone Marrow-Derived Mesenchymal Stem Cells Influenced by Overweight and Obesity?. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4831.	1.8	7

#	ARTICLE	IF	CITATIONS
12837	Immunocytochemistry Studies Using Microtubule-Associated Protein-2 (MAP-2) Markers on Neural Differentiation of Mesenchymal Stem Cells from Rat Bone Marrow. , 2023, , 51-64.		0
12838	Tissue-mimetic culture enhances mesenchymal stem cell secretome capacity to improve regenerative activity of keratinocytes and fibroblasts in vitro. <i>Wound Repair and Regeneration</i> , 2023, 31, 367-383.	1.5	4
12839	Single-cell transcriptomic analysis of oral masticatory and lining mucosa-derived mesenchymal stromal cells. <i>Journal of Clinical Periodontology</i> , 2023, 50, 807-818.	2.3	1
12840	Characterization of Intestinal Mesenchymal Stromal Cells From Patients With Inflammatory Bowel Disease for Autologous Cell Therapy. <i>Stem Cells Translational Medicine</i> , 2023, 12, 112-122.	1.6	0
12841	Mesenchymal stem cell therapy for autoimmune diseases: future Perspectives. <i>International Clinical Pathology Journal</i> , 2018, 6, 183-184.	0.1	0
12842	Ascorbic Acid 2-Phosphate-Releasing Supercritical Carbon Dioxide-Foamed Poly(L-Lactide-Co-epsilon-Caprolactone) Scaffolds Support Urothelial Cell Growth and Enhance Human Adipose-Derived Stromal Cell Proliferation and Collagen Production. <i>Journal of Tissue Engineering and Regenerative Medicine</i> . 2023. 2023. 1-18.	1.3	1
12843	Research progress in clinical trials of stem cell therapy for stroke and neurodegenerative diseases. , 2023, 9, 214-230.		1
12844	Mesenchymal stem cell therapy for neurological disorders: The light or the dark side of the force?. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	6
12845	Macromolecular crowding in animal component-free, xeno-free and foetal bovine serum media for human bone marrow mesenchymal stromal cell expansion and differentiation. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	1
12846	Dental Pulp Stem Cell-Derived Exosomes Alleviate Mice Knee Osteoarthritis by Inhibiting TRPV4-Mediated Osteoclast Activation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4926.	1.8	2
12847	Epigenetic control of mesenchymal stem cells orchestrates bone regeneration. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	4
12848	The role of PRX1-expressing cells in periodontal regeneration and wound healing. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	1
12849	Characterization of Human, Ovine and Porcine Mesenchymal Stem Cells from Bone Marrow: Critical In Vitro Comparison with Regard to Humans. <i>Life</i> , 2023, 13, 718.	1.1	1
12850	Obesity and Wound Healing: Focus on Mesenchymal Stem Cells. <i>Life</i> , 2023, 13, 717.	1.1	6
12851	Immunomodulation—a general review of the current state-of-the-art and new therapeutic strategies for targeting the immune system. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	12
12852	Endometrial Stem Cells and Their Applications in Intrauterine Adhesion. <i>Cell Transplantation</i> , 2023, 32, 096368972311595.	1.2	3
12853	Regenerative Potential of Granulation Tissue in Periodontitis: A Systematic Review and Meta-analysis. <i>Stem Cells International</i> , 2023, 2023, 1-11.	1.2	0
12854	HIF-1 β -Overexpressing Mesenchymal Stem Cells Attenuate Colitis by Regulating M1-like Macrophages Polarization toward M2-like Macrophages. <i>Biomedicines</i> , 2023, 11, 825.	1.4	1

#	ARTICLE	IF	CITATIONS
12855	Long-Term Results of a Phase I/II Clinical Trial of Autologous Mesenchymal Stem Cell Therapy for Femoral Head Osteonecrosis. <i>Journal of Clinical Medicine</i> , 2023, 12, 2117.	1.0	2
12856	Apelin-13, a regulator of autophagy, apoptosis and inflammation in multifaceted bone protection. <i>International Immunopharmacology</i> , 2023, 117, 109991.	1.7	8
12857	Validation of an ICH Q2 Compliant Flow Cytometry-Based Assay for the Assessment of the Inhibitory Potential of Mesenchymal Stromal Cells on T Cell Proliferation. <i>Cells</i> , 2023, 12, 850.	1.8	3
12858	Isolation of a Population of Cells Co-Expressing Markers of Embryonic Stem Cells and Mesenchymal Stem Cells from the Rudimentary Uterine Horn of a Patient with Uterine Aplasia. <i>Bulletin of Experimental Biology and Medicine</i> , 2023, 174, 549-555.	0.3	0
12859	Differences in the Differentiation Potential and Relative Levels of Gene Expression in the Bone Marrow-Derived Fibroblast Colony-Forming Units in Patients during the Onset of Aplastic Anemia Depending on the Disease Severity. <i>Bulletin of Experimental Biology and Medicine</i> , 2023, 174, 538-543.	0.3	0
12860	Cell-based therapy to boost right ventricular function and cardiovascular performance in hypoplastic left heart syndrome: Current approaches and future directions. <i>Seminars in Perinatology</i> , 2023, 47, 151725.	1.1	0
12861	Stem cell therapies for neonatal lung diseases: Are we there yet?. <i>Seminars in Perinatology</i> , 2023, 47, 151724.	1.1	1
12862	Stem cells for neonatal brain injury – Lessons from the bench. <i>Seminars in Perinatology</i> , 2023, 47, 151726.	1.1	1
12863	Harnessing the therapeutic potential of the stem cell secretome in neonatal diseases. <i>Seminars in Perinatology</i> , 2023, 47, 151730.	1.1	7
12864	Adipose-derived mesenchymal stem cells secrete extracellular vesicles: A potential cell-free therapy for canine renal ischaemia-reperfusion injury. <i>Veterinary Medicine and Science</i> , 2023, 9, 1134-1142.	0.6	3
12865	Current Evidence on Bisphenol A Exposure and the Molecular Mechanism Involved in Related Pathological Conditions. <i>Pharmaceutics</i> , 2023, 15, 908.	2.0	6
12866	Effect of Atorvastatin on Angiogenesis-Related Genes VEGF-A, HGF and IGF-1 and the Modulation of PI3K/AKT/mTOR Transcripts in Bone-Marrow-Derived Mesenchymal Stem Cells. <i>Current Issues in Molecular Biology</i> , 2023, 45, 2326-2337.	1.0	1
12867	Pre-Clinical Evaluation of Efficacy and Safety of Human Limbus-Derived Stromal/Mesenchymal Stem Cells with and without Alginate Encapsulation for Future Clinical Applications. <i>Cells</i> , 2023, 12, 876.	1.8	2
12868	Research trends and hotspots of mesenchymal stromal cells in intervertebral disc degeneration: a scientometric analysis. <i>EFORT Open Reviews</i> , 2023, 8, 135-147.	1.8	1
12869	Role of stem cell derivatives in inflammatory diseases. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
12870	A Novel Approach for Determining the Critical Quality Attributes of Mesenchymal Stem Cells by Specifying Cell Population With Replication Potential. <i>Stem Cells Translational Medicine</i> , 2023, 12, 169-182.	1.6	1
12871	Advanced Therapies for Patients with COVID-19. , 2023, , 77-92.		0
12872	Adipose-derived Mesenchymal Stem Cells Therapy as a new Treatment Option for Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2023, 108, 1889-1897.	1.8	11

#	ARTICLE	IF	CITATIONS
12873	Susceptibility of Ovine Bone Marrow-Derived Mesenchymal Stem Cell Spheroids to Scrapie Prion Infection. <i>Animals</i> , 2023, 13, 1043.	1.0	1
12875	Salmonella enhances osteogenic differentiation in adipose-derived mesenchymal stem cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	1
12876	Chronological and Replicative Aging of CD51 ⁺ /PDGFR- β ⁺ Pulp Stromal Cells. <i>Journal of Dental Research</i> , 2023, 102, 929-937.	2.5	3
12878	Is mandible derived mesenchymal stromal cells superior in proliferation and regeneration to long bone-derived mesenchymal stromal cells?. <i>World Journal of Methodology</i> , 0, 13, 10-17.	1.1	3
12879	Highly-purified rapidly expanding clones, RECs, are superior for functional-mitochondrial transfer. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	3
12880	Mesenchymal stem cell-derived secretome enhances nucleus pulposus cell metabolism and modulates extracellular matrix gene expression in vitro. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	6
12881	Regulatory B Cells Contribute to the Clinical Response After Bone Marrow-Derived Mesenchymal Stromal Cell Infusion in Patients With Systemic Sclerosis. <i>Stem Cells Translational Medicine</i> , 2023, 12, 194-206.	1.6	7
12882	Functional enhancement strategies to potentiate the therapeutic properties of mesenchymal stromal cells for respiratory diseases. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	7
12883	Glis1 and oxaloacetate in nucleus pulposus stromal cell somatic reprogramming and survival. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	3
12884	HPF Modulates the Differentiation of BMSCs into HLCs and Promotes the Recovery of Acute Liver Injury in Mice. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5686.	1.8	0
12885	Towards Regenerative Audiology: Immune Modulation of Adipose-Derived Mesenchymal Cells Preconditioned with Citric Acid-Coated Antioxidant-Functionalized Magnetic Nanoparticles. <i>Medicina (Lithuania)</i> , 2023, 59, 587.	0.8	1
12886	Evaluation of the relationship between mesenchymal stem cells and immune system in vitro conditions. <i>Molecular Biology Reports</i> , 2023, 50, 4347-4356.	1.0	1
12887	Bone marrow-derived mesenchymal stem cell-conditioned medium ameliorates diabetic foot ulcers in rats. <i>Clinics</i> , 2023, 78, 100181.	0.6	2
12888	Three-Dimensional Bioprinting of an In Vitro Lung Model. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5852.	1.8	2
12889	Basic Properties of Adipose-Derived Mesenchymal Stem Cells of Rheumatoid Arthritis and Osteoarthritis Patients. <i>Pharmaceutics</i> , 2023, 15, 1003.	2.0	4
12890	Potent antitumor effects of the conditioned medium of bone marrow-derived mesenchymal stem cells via <i>IGFBP</i> . <i>Cancer Science</i> , 2023, 114, 2499-2514.	1.7	0
12891	Alteration of Mesenchymal Stem Cells Isolated from Glioblastoma Multiforme under the Influence of Photodynamic Treatment. <i>Current Issues in Molecular Biology</i> , 2023, 45, 2580-2596.	1.0	1
12892	Extracellular vesicles rejuvenate the microenvironmental modulating function of recipient tissue-specific mesenchymal stem cells in osteopenia treatment. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	2

#	ARTICLE	IF	CITATIONS
12893	Diabetic kidney disease induces transcriptome alterations associated with angiogenesis activity in human mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	3
12894	Downregulation of DROSHA: Could It Affect miRNA Biogenesis in Endometriotic Menstrual Blood Mesenchymal Stem Cells?. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5963.	1.8	1
12895	Therapeutic potential of small extracellular vesicles derived from mesenchymal stem cells for spinal cord and nerve injury. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	4
12896	Pericytes: The lung-forgotten cell type. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	9
12897	Adipose-Derived Stromal Cells within a Gelatin Matrix Acquire Enhanced Regenerative and Angiogenic Properties: A Pre-Clinical Study for Application to Chronic Wounds. <i>Biomedicines</i> , 2023, 11, 987.	1.4	1
12898	An Example of Neuro-Glial Commitment and Differentiation of Muse Stem Cells Obtained from Patients with IQSEC2-Related Neural Disorder: A Possible New Cell-Based Disease Model. <i>Cells</i> , 2023, 12, 977.	1.8	0
12899	The role of exosomes in pathogenesis and the therapeutic efficacy of mesenchymal stem cell-derived exosomes against Parkinsonâ€™s disease. <i>Neurological Sciences</i> , 0, , .	0.9	3
12900	The Role of Stem Cell on Orthodontic Tooth Movement Induced-Alveolar Bone Remodeling. <i>Research Journal of Pharmacy and Technology</i> , 2023, , 123-128.	0.2	0
12901	Mesenchymal Stem Cells in the Treatment of Acute Kidney Injury (AKI), Chronic Kidney Disease (CKD) and the AKI-to-CKD Transition. , 2023, 10, .		2
12902	Xenogenic Implantation of Human Mesenchymal Stromal Cells Using a Novel 3D-Printed Scaffold of PLGA and Graphene Leads to a Significant Increase in Bone Mineralization in a Rat Segmental Femoral Bone Defect. <i>Nanomaterials</i> , 2023, 13, 1149.	1.9	0
12903	Does Adjunction of Autologous Osteoblastic Cells Improve the Results of Core Decompression in Early-stage Femoral Head Osteonecrosis? A Double-blind, Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2023, Publish Ahead of Print, .	0.7	2
12904	Rejuvenation of Mesenchymal Stem Cells to Ameliorate Skeletal Aging. <i>Cells</i> , 2023, 12, 998.	1.8	3
12905	Cartilage Tissue Engineering in Practice: Preclinical Trials, Clinical Applications, and Prospects. <i>Tissue Engineering - Part B: Reviews</i> , 2023, 29, 473-490.	2.5	2
12906	Mesenchymal stromal cell therapy for chronic lung diseases: experimental and clinical evidence. <i>Expert Review of Respiratory Medicine</i> , 2023, 17, 223-235.	1.0	2
12907	Immunogenicity of mesenchymal stromal/stem cells. <i>Scandinavian Journal of Immunology</i> , 0, , .	1.3	0
12908	Bone marrow-derived dedifferentiated fat cells exhibit similar phenotype as bone marrow mesenchymal stem cells with high osteogenic differentiation and bone regeneration ability. <i>Journal of Orthopaedic Surgery and Research</i> , 2023, 18, .	0.9	1
12909	A comprehensive molecular profiling approach reveals metabolic alterations that steer bone tissue regeneration. <i>Communications Biology</i> , 2023, 6, .	2.0	5
12910	Bone marrow derived mesenchymal stem cells therapy for rheumatoid arthritis - a concise review of past ten years. <i>Molecular Biology Reports</i> , 0, , .	1.0	1

#	ARTICLE	IF	CITATIONS
12911	Mesenchymal Stromal Cells Suppress T-Cell-Mediated Delayed-Type Hypersensitivity via ALCAM-CD6 Interaction. <i>Stem Cells Translational Medicine</i> , 2023, 12, 221-233.	1.6	1
12912	Bone Marrow Mesenchymal Stem Cells Expanded Inside the Nichoid Micro-Scaffold: a Focus on Anti-Inflammatory Response. <i>Regenerative Engineering and Translational Medicine</i> , 0, , .	1.6	0
12913	Molecular hydrogen promotes wound healing by inducing early epidermal stem cell proliferation and extracellular matrix deposition. <i>Inflammation and Regeneration</i> , 2023, 43, .	1.5	7
12914	Fibroblasts as Turned Agents in Cancer Progression. <i>Cancers</i> , 2023, 15, 2014.	1.7	13
12915	The Stromal Vascular Fraction from Canine Adipose Tissue Contains Mesenchymal Stromal Cell Subpopulations That Show Time-Dependent Adhesion to Cell Culture Plastic Vessels. <i>Animals</i> , 2023, 13, 1175.	1.0	0
12916	Evaluation of Changes in Some Functional Properties of Human Mesenchymal Stromal Cells Induced by Low Doses of Ionizing Radiation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6346.	1.8	0
12917	Comprehensive Analysis of Local Anesthetics Affecting Adipose Stem Cells In Vitro. <i>Plastic and Reconstructive Surgery</i> , 2023, 152, 850e-861e.	0.7	1
12918	The Derivation and Characterization of Different Populations of Mesenchymal Stem Cells Isolated from Human Embryonic Stem Cell Line "SC7. <i>Cell and Tissue Biology</i> , 2023, 17, 25-39.	0.2	1
12919	Nestin gene expression in stromal precursor cells from the human bone marrow. <i>Genes and Cells</i> , 2023, 18, 53-60.	0.2	0
12921	Mesenchymal Stromal Cells as a Driver of Inflammaging. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6372.	1.8	12
12922	Oncostatin M-Enriched Small Extracellular Vesicles Derived from Mesenchymal Stem Cells Prevent Isoproterenol-Induced Fibrosis and Enhance Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6467.	1.8	3
12923	Mesenchymal Stem/Stromal Cells Derived from Cervical Cancer Promote M2 Macrophage Polarization. <i>Cells</i> , 2023, 12, 1047.	1.8	3
12924	Mesenchymal stromal cells modulate infection and inflammation in the uterus and mammary gland. <i>BMC Veterinary Research</i> , 2023, 19, .	0.7	1
12925	Silk fibroin-hydroxyapatite scaffolds promote the proliferation of adipose-derived mesenchymal stem cells by activating the ERK signal. <i>Journal of Biomaterials Applications</i> , 2023, 37, 1767-1775.	1.2	2
12926	Human Hematopoietic Stem/Progenitor Cells in Type One Diabetes Mellitus Treatment: Is There an Ideal Candidate?. <i>Cells</i> , 2023, 12, 1054.	1.8	0
12927	Research Progress of Tim-3/Gal-9 Signaling Pathway in the Treatment of Acute Graft-Versus-Host Disease in Mesenchymal Stem Cells. <i>Advances in Clinical Medicine</i> , 2023, 13, 4919-4925.	0.0	0
12928	Human cells with osteogenic potential in bone tissue research. <i>BioMedical Engineering OnLine</i> , 2023, 22, .	1.3	12
12929	Using Odontoblasts Derived from Dog Endometrial Stem Cells Encapsulated in Fibrin Gel Associated with BMP-2 in a Rat Pulp-Capping Model. <i>Current Issues in Molecular Biology</i> , 2023, 45, 2984-2999.	1.0	1

#	ARTICLE	IF	CITATIONS
12930	Exosomes Derived from Human Umbilical Cord Mesenchymal Stem Cells Enhance Angiogenesis Through Upregulation of the VWF and Flk1 Genes in Endothelial Cells. <i>Advances in Experimental Medicine and Biology</i> , 2023, .	0.8	0
12931	Mesenchymal “ Stem and non-Stem “ Cells: The name of the rose. <i>Transfusion Clinique Et Biologique</i> , 2023, 30, 305-306.	0.2	2
12933	Regulatory mechanisms of GCN5 in osteogenic differentiation of MSCs in periodontitis. <i>Clinical and Experimental Dental Research</i> , 0, .	0.8	1
12934	The Use of Stem Cells as a Potential Treatment Method for Selected Neurodegenerative Diseases: Review. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 2643-2673.	1.7	7
12935	Spheroids derived from the stromal vascular fraction of adipose tissue self-organize in complex adipose organoids and secrete leptin. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	2
12939	Research progress of engineered mesenchymal stem cells and their derived exosomes and their application in autoimmune/inflammatory diseases. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	8
12940	Safe Reversal of Motor and Sensory Deficits by Repeated High Doses of Mesenchymal Stem Cells in a Patient with Chronic Complete Spinal Cord Injury. <i>American Journal of Case Reports</i> , 0, 24, .	0.3	2
12941	In vitro simulation of the acute lymphoblastic leukemia niche: a critical view on the optimal approximation for drug testing. <i>Journal of Leukocyte Biology</i> , 2023, 114, 21-41.	1.5	2
12942	Reprogramming of human peripheral blood mononuclear cells into induced mesenchymal stromal cells using non-integrating vectors. <i>Communications Biology</i> , 2023, 6, .	2.0	1
12943	Exosomes derived from human umbilical cord mesenchymal stem cells alleviate Parkinson’s disease and neuronal damage through inhibition of microglia. <i>Neural Regeneration Research</i> , 2023, 18, 2291.	1.6	9
12944	Independent human mesenchymal stromal cell-derived extracellular vesicle preparations differentially attenuate symptoms in an advanced murine graft-versus-host disease model. <i>Cytotherapy</i> , 2023, 25, 821-836.	0.3	14
12945	Research progress of biopolymers combined with stem cells in the repair of intrauterine adhesions. <i>Nanotechnology Reviews</i> , 2023, 12, .	2.6	0
12946	Therapeutic potential of MSCs and MSC-derived extracellular vesicles in immune thrombocytopenia. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	3
12947	Biogenic Carbon Quantum Dots as a Neoteric Inducer in the Game of Directing Chondrogenesis. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 19997-20011.	4.0	5
12948	Orthobiologics in the knee. <i>Orthopaedics and Trauma</i> , 2023, .	0.2	1
12949	The Employment of the Surface Plasmon Resonance (SPR) Microscopy Sensor for the Detection of Individual Extracellular Vesicles and Non-Biological Nanoparticles. <i>Biosensors</i> , 2023, 13, 472.	2.3	2
12950	Menstrual blood-derived endometrial stem cells alleviate neuroinflammation by modulating M1/M2 polarization in cell and rat Parkinson’s disease models. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	3
12951	Liver Disease and Cell Therapy: Advances Made and Remaining Challenges. <i>Stem Cells</i> , 2023, 41, 739-761.	1.4	3

#	ARTICLE	IF	CITATIONS
12952	Effect of mesenchymal stem cell transplantation on the structural and functional parameters of the liver in acute toxic hepatitis in rats. <i>Vestnik of Russian Military Medical Academy</i> , 2023, 25, 33-42.	0.1	0
12953	Bovine Fibroblast-Derived Extracellular Matrix Promotes the Growth and Preserves the Stemness of Bovine Stromal Cells during In Vitro Expansion. <i>Journal of Functional Biomaterials</i> , 2023, 14, 218.	1.8	0
12954	PGE2 Produced by Exogenous MSCs Promotes Immunoregulation in ARDS Induced by Highly Pathogenic Influenza A through Activation of the Wnt- β -Catenin Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7299.	1.8	2
12955	Biology and therapeutic potential of mesenchymal stem cell extracellular vesicles in axial spondyloarthritis. <i>Communications Biology</i> , 2023, 6, .	2.0	2
12956	Mesenchymal stromal cells derived from exfoliated deciduous teeth express neuronal markers before differentiation induction. <i>Journal of Applied Oral Science</i> , 0, 31, .	0.7	1
12957	Investigational Use of Mesenchymal Stem/Stromal Cells and Their Secretome as Add-On Therapy in Severe Respiratory Virus Infections: Challenges and Perspectives. <i>Advances in Therapy</i> , 2023, 40, 2626-2692.	1.3	8
12958	Multilineage Differentiation Potential of Equine Adipose-Derived Stromal/Stem Cells from Different Sources. <i>Animals</i> , 2023, 13, 1352.	1.0	2
12959	Extracellular vesicles from immortalized mesenchymal stromal cells protect against neonatal hypoxic-ischemic brain injury. <i>Inflammation and Regeneration</i> , 2023, 43, .	1.5	12
12960	Dentin slice model of dental stem cells in a fibrin-agarose construct for dental pulp regeneration. <i>Journal of Oral Research</i> , 2022, 11, 1-15.	0.0	0
12961	Orthobiologics: a review. <i>International Orthopaedics</i> , 2023, 47, 1645-1662.	0.9	2
12962	In vitro investigation of canine periodontal ligament-derived mesenchymal stem cells: A possibility of promising tool for periodontal regeneration. <i>Journal of Oral Biology and Craniofacial Research</i> , 2023, 13, 403-411.	0.8	1
12963	Perinatal origins of bronchopulmonary dysplasia—deciphering normal and impaired lung development cell by cell. <i>Molecular and Cellular Pediatrics</i> , 2023, 10, .	1.0	2
12964	Progress and emerging techniques for biomaterial-based derivation of mesenchymal stem cells (MSCs) from pluripotent stem cells (PSCs). <i>Biomaterials Research</i> , 2023, 27, .	3.2	6
12965	Serum- and xeno-free culture of human umbilical cord perivascular cells for pediatric heart valve tissue engineering. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	0
12966	Engineered Injectable Cell-Laden Chitin/Chitosan Hydrogel with Adhesion and Biodegradability for Calvarial Defect Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 20761-20773.	4.0	2
12967	Genetic modification and preconditioning strategies to enhance functionality of mesenchymal stromal cells: a clinical perspective. <i>Expert Opinion on Biological Therapy</i> , 2023, 23, 461-478.	1.4	4
12968	Stem-like signatures in human meningioma cells are under the control of CXCL11/CXCL12 chemokine activity. <i>Neuro-Oncology</i> , 2023, 25, 1775-1787.	0.6	2
12969	Terapi Sel Punca dan Tata Laksana Covid-19. , 2023, 36, 11-19.		0

#	ARTICLE	IF	CITATIONS
12970	Human Mesenchymal Stromal Cells Derived from Perinatal Tissues: Sources, Characteristics and Isolation Methods. <i>The Malaysian Journal of Medical Sciences</i> , 2023, 30, 55-68.	0.3	1
12971	Therapeutic potential of mesenchymal stem cells and their secreted extracellular vesicles in thoracic aortic aneurysm disease.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, , .	0.4	0
12972	Building Basic and Clinical Research Around Lung Transplantation. <i>Organ and Tissue Transplantation</i> , 2023, , 1-21.	0.0	0
12973	Therapeutic potentials of mesenchymal stromal cells-derived extracellular vesicles in liver failure and marginal liver graft rehabilitation: a scoping review. <i>Minerva Anestesiologica</i> , 0, , .	0.6	1
12974	Consideration of biological sex in stem cell therapies. , 2023, , 363-383.		0
12975	Adipose-derived stem cells: Use in clinical medicine. , 2023, , 213-229.		0
12976	Implantation of CPT1AM-expressing adipocytes reduces obesity and glucose intolerance in mice. <i>Metabolic Engineering</i> , 2023, 77, 256-272.	3.6	1
13021	Easy and Rapid Methods for Human Umbilical Cord Bloodâ€™Derived Mesenchymal Stem Cells and Human Umbilical Whartonâ€™s Jellyâ€™Derived Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2023, , .	0.4	0
13037	Orthobiologic Treatment Options for Injuries in Endurance Athletes. , 2023, , 151-165.		0
13060	Development of Mesenchymal Stem Cells Therapy for the Treatment of Polyglutamine SCA: From Bench to Bedside. <i>Contemporary Clinical Neuroscience</i> , 2023, , 499-530.	0.3	0
13063	Advanced Technologies for Potency Assay Measurement. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 81-95.	0.8	0
13064	The Evolving Landscape of Potency Assays. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 165-189.	0.8	0
13065	The Art of Stem Cell-Based Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 1-12.	0.8	0
13068	Illustrative Potency Assay Examples from Approved Therapies. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 139-149.	0.8	0
13070	Identifying Biomarkers for Osteogenic Potency Assay Development. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 39-58.	0.8	0
13071	Potency Assays: The â€™Bugabooâ€™ of Stem Cell Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 29-38.	0.8	0
13072	Potency Assay Considerations for Cartilage Repair, Osteoarthritis and Use of Extracellular Vesicles. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 59-80.	0.8	0
13083	Stammzellen und deren klinische Verwendungsmöglichkeiten. <i>Springer Reference Medizin</i> , 2023, , 1-8.	0.0	0

#	ARTICLE	IF	CITATIONS
13096	Interferon-Gamma Increases the Immune Modulation of Umbilical Cord-Derived Mesenchymal Stem Cells but Decreases Their Chondrogenic Potential. <i>Advances in Experimental Medicine and Biology</i> , 2023, , .	0.8	0
13127	The other side of the coin: mesenchymal stromal cell immortalization beyond evasion of senescence. <i>Human Cell</i> , 2023, 36, 1593-1603.	1.2	1
13154	Potential functions and therapeutic implications of glioma-resident mesenchymal stem cells. <i>Cell Biology and Toxicology</i> , 2023, 39, 853-866.	2.4	2
13207	Body fluid-derived stem cells " an untapped stem cell source in genitourinary regeneration. <i>Nature Reviews Urology</i> , 2023, 20, 739-761.	1.9	7
13233	Adoptive Cellular Therapy. , 2023, , 713-725.		0
13235	Decision-Making in Reconstructive Surgery. , 2023, , 1-20.		0
13236	Hematopoiesis. , 2023, , 21-30.		0
13245	Current trends and promising clinical utility of iPSC-derived MSC (iMSC). <i>Progress in Molecular Biology and Translational Science</i> , 2023, , .	0.9	0
13248	Influence of type 2 diabetes and obesity on adipose mesenchymal stem/stromal cell immunoregulation. <i>Cell and Tissue Research</i> , 2023, 394, 33-53.	1.5	2
13249	Mesenchymal stem cell-derived exosomes as a new possible therapeutic strategy for Parkinson's disease. , 0, , .		0
13253	Adenosine metabolism by mesenchymal stromal cells isolated from different human tissues. <i>Human Cell</i> , 0, , .	1.2	0
13275	Dentale mesenchymale Stamm-/Progenitorzellen: Eine neue Perspektive für die Regenerative Medizin. , 2023, , 149-172.		0
13282	Mesenchymal stem cells and tissue engineering in dentistry. , 0, , .		2
13287	Influence of In Vitro Cultivation on Differentiation Gene Expressions in Canine Adipose-Derived Mesenchymal Stem Cells. <i>IFMBE Proceedings</i> , 2024, , 1-18.	0.2	0
13298	Transplantation of adipose derived stem cells in diabetes mellitus; limitations and achievements. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , .	0.8	0
13306	Mesenchymal Stem Cells as Modern Off-the-Shelf Products: From Research Perspectives to Clinical Practice. , 2023, , 1-30.		0
13338	Cutting-edge regenerative therapy for Hirschsprung disease and its allied disorders. <i>Surgery Today</i> , 0, , .	0.7	0
13342	Stromal cells in the tumor microenvironment: accomplices of tumor progression?. <i>Cell Death and Disease</i> , 2023, 14, .	2.7	13

#	ARTICLE	IF	CITATIONS
13343	Microfluidics, CTC Capture, Analysis and Expansion. Current Cancer Research, 2023, , 171-199.	0.2	0
13370	Entwicklung von Stammzellen in der kardio-regenerativen Therapie. , 2023, , 103-130.		0
13378	Cell-Derived Extracellular Vesicles for Immune Modulation: Preclinical and Clinical Perspectives. , 2023, , 1-12.		0
13382	Bioscaffolds and Cell Source in Cartilage Tissue Engineering. , 2023, , 145-164.		0
13384	Breast Milk-Derived Mesenchymal Stem-Like Cells: History and Mystery. , 2023, , 45-53.		0
13385	Applications of Breast Milk-Derived Cell Components: Present and Future Perspectives. , 2023, , 71-77.		0
13387	Utilisation of Human "Wastes" as Materials in Biomedical Engineering Application. , 2023, , 1-26.		0
13392	Stammzellbasiertes Tissue Engineering für funktionellen Zahnschmelz und Dentin/Pulp-Komplex: Eine mögliche Alternative zu restaurativen Therapien. , 2023, , 173-192.		0
13393	Regeneration des Herzens auf der Grundlage von Stammzellen: Gibt es einen Platz für Optimismus in der Zukunft?. , 2023, , 131-148.		0
13394	Comprehensive cell surface protein profiling of human mesenchymal stromal cells from peritoneal dialysis effluent and comparison with those from human bone marrow and adipose tissue. Human Cell, 2023, 36, 2259-2269.	1.2	1
13401	Nanotechnology in pulmonary tissue engineering. , 2023, , 537-556.		0
13415	Stem Cell-Based Regeneration of Salivary Glands: From Bench to Clinics. , 2023, , 1-32.		0
13416	Lung-Resident Stem Cells. , 2024, , 53-73.		0
13417	Skeletal Resident Stem Cells. , 2024, , 251-283.		0
13418	Classes of Stem Cells: From Biology to Engineering. Regenerative Engineering and Translational Medicine, 0, , .	1.6	1
13420	Editorial: Chondrogenic potentials, protocols and mechanisms of mesenchymal progenitor cells. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	0
13422	Regenerative Medicine/Cell Therapy Approaches (BMAC, PRP, and Cellular Based Therapies). , 2023, , 1-17.		0
13426	Stem Cell Therapy: Promises and Challenges in Treating Animal Diseases. Livestock Diseases and Management, 2023, , 13-38.	0.5	0

#	ARTICLE	IF	CITATIONS
13429	Mesenchymal Stem Cells for Regeneration of the Ocular Surface. <i>Essentials in Ophthalmology</i> , 2023, , 211-224.	0.0	0
13436	Mesenchymal stem cells in chronic kidney disease and therapeutic signaling pathways. , 2024, , 385-397.		0
13438	Current advances and challenges in stem cell-based therapy for chronic kidney disease. , 2024, , 399-413.		0
13439	Mechanistic role of stem cells in the pathogenesis and treatment of oral diseases: current insights and future directions. , 2024, , 285-299.		0
13440	Stem cell™s potential role in the treatment of diabetes mellitus. , 2024, , 359-383.		0
13441	Stem cells signaling pathways and surface receptors: implications for multiple sclerosis treatment. , 2024, , 271-283.		0
13445	Clinical Applications of PRP: Musculoskeletal Applications, Current Practices and Update. <i>CardioVascular and Interventional Radiology</i> , 0, , .	0.9	1
13480	Participation of Mesenchymal Stem Cells in the Tumor Process. , 2023, , 1-32.		0
13489	Mesenchymal Stromal Cells for Wound Healing Therapy: From Expectations to Reality. , 2023, , 1-38.		0
13503	Mesenchymal stem cells under epigenetic control – the role of epigenetic machinery in fate decision and functional properties. <i>Cell Death and Disease</i> , 2023, 14, .	2.7	2
13516	Umbilical Cord-Derived Cells: Applications in Neurological Disorders. , 2023, , .		0
13521	Epitranscriptomic modifications in mesenchymal stem cell differentiation: advances, mechanistic insights, and beyond. <i>Cell Death and Differentiation</i> , 2024, 31, 9-27.	5.0	1
13522	DNA Damage Responses, the Trump Card of Stem Cells in the Survival Game. <i>Advances in Experimental Medicine and Biology</i> , 2023, , .	0.8	0
13528	Hypoxia and interleukin-1-primed mesenchymal stem/stromal cells as novel therapy for stroke. <i>Human Cell</i> , 2024, 37, 154-166.	1.2	1
13545	Immunomodulation of Antiviral Response by Mesenchymal Stromal Cells (MSCs). , 0, , .		0
13546	Fat Grafting as an Ancillary Treatment for Burns, Other Complex Wounds, and Their Sequelae. , 2023, , 25-43.		0
13590	A closer look at Mesenchymal Stem cells (MSCs), their potential and function as game-changers of Modern Medicine. , 0, , .		0
13591	Profound sympathetic neuropathy in the bone marrow of patients with acute myeloid leukemia. <i>Leukemia</i> , 2024, 38, 393-397.	3.3	1

#	ARTICLE	IF	CITATIONS
13598	Mesenchymal Stromal Cell-based Novel Treatment Modalities in Rheumatoid Arthritis. , 2023, , 1-29.		0
13599	Dental Pulp Stem Cells in Endodontics: Advances, Applications, and Challenges. , 2023, , 1-40.		0
13614	Characterization of Mesenchymal Stem Cells from Tooth Pulp. IFMBE Proceedings, 2024, , 416-424.	0.2	0
13623	Latest Advances in Mesenchymal Stem Cell-Based Therapy of Eye Diseases. , 2023, , 1-21.		0
13624	Clinical Relevance of Mesenchymal Stromal Cells from Various Sources: Insights into Transcriptome Analysis for Identifying Inherent Potential. , 0, , .		0
13640	Research hotspots and emerging trends in mesenchymal stem/stromal cells in bronchopulmonary dysplasia. Human Cell, 2024, 37, 381-393.	1.2	0
13651	Towards a Continuous Production of Human Mesenchymal Stromal Cells in a Chemically Defined Medium: Opportunities and Challenges for a Robust and Scalable Expansion Process. Cell Engineering, 2023, , 379-427.	0.4	0
13652	Mesenchymal stromal cells and pleiotropic therapeutic advantages in COVID-19 management. , 2024, , 279-306.		0
13657	Cytokine storm in COVID-19 and other diseases: emerging therapeutic interventions. , 2024, , 209-241.		0
13661	Targets of SARS-CoV-2: therapeutic implications for COVID-19. , 2024, , 3-14.		0
13664	Essential Aspects of Mesenchymal Stem Cell Manufacturing. Cell Engineering, 2023, , 339-378.	0.4	0
13674	Effects of fine particulate matter on bone marrow-conserved hematopoietic and mesenchymal stem cells: a systematic review. Experimental and Molecular Medicine, 2024, 56, 118-128.	3.2	0
13693	Mesenchymal stem cells' role in tuberculosis pathogenesis and persistence. , 2024, , 307-333.		0
13695	Multiscale computational and machine learning models for designing stem cell-based regenerative medicine therapies. , 2024, , 433-442.		0
13699	Advances in regenerative medicines based on mesenchymal stem cell secretome. , 2024, , 175-185.		0
13708	Molecular Basis of Stem Cell Senescence. , 2024, , .		0
13717	Mesenchymal Cells from Adipose Tissue. , 2023, , 263-271.		0
13724	Goat manure production and waste management. , 2024, , 203-215.		0

#	ARTICLE	IF	CITATIONS
13733	Detection of Hypoxia in 2D and 3D Cell Culture Systems Using Genetically Encoded Fluorescent Hypoxia Sensors. <i>Methods in Molecular Biology</i> , 2024, , 31-48.	0.4	0
13769	Incorporating Stem Cells Into Physical Rehabilitation. , 2024, , .		0
13790	Functional Role of Human-Derived Stem Cells in Bone Tissue Regeneration. , 2024, , .		0
13793	Stem Cells from Dental Pulp of Deciduous Teeth: Twenty Years of Experience. , 0, , .		0
13799	Age-related disease: Joints. , 2024, , 73-90.		0
13801	Canine Adult Adipose Tissue-Derived Multipotent Stromal Cell Isolation, Characterization, and Differentiation. <i>Methods in Molecular Biology</i> , 2024, , 115-136.	0.4	0