Ex vivo expansion and subsequent infusion of human b
progenitor cells (mesenchymal progenitor cells): implic

Bone Marrow Transplantation

16, 557-64

Citation Report

#	Article	IF	Citations
1	Marrow Stromal Cells as Stem Cells for Nonhematopoietic Tissues. Science, 1997, 276, 71-74.	6.0	4,358
2	Enhanced growth of canine bone marrow stromal cell cultures in the presence of acidic fibroblast growth factor and heparin. In Vitro Cellular and Developmental Biology - Animal, 1997, 33, 503-511.	0.7	5
3	Cell-based tissue engineering therapies: the influence of whole body physiology.. Advanced Drug Delivery Reviews, 1998, 33, 3-14.	6.6	73
4	Tissue engineering: The first decade and beyond. , 1998, 72, 297-303.		187
5	Clinical Trial: Hematopoietic Progenitor Cell Transplantation in Breast Cancer: Current Status and Future Directions. Cancer Investigation, 1998, 16, 102-126.	0.6	24
6	Osteoblast-specific gene expression after transplantation of marrow cells: Implications for skeletal gene therapy. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7294-7299.	3.3	112
7	Bone Marrow Stromal Cells: Characterization and Clinical Application. Critical Reviews in Oral Biology and Medicine, 1999, 10, 165-181.	4.4	239
8	Mesenchymal stem cells: No longer second class marrow citizens. Nature Medicine, 1999, 5, 262-264.	15.2	154
9	How many myeloid post-progenitor cells have to be transplanted to completely abrogate neutropenia after peripheral blood progenitor cell transplantation?. Experimental Hematology, 1999, 27, 956-965.	0.2	26
10	Enzymatic and functional correction along with long-term enzyme secretion from transduced bone marrow hematopoietic stem/progenitor and stromal cells derived from patients with Fabry disease. Experimental Hematology, 1999, 27, 1149-1159.	0.2	38
11	Stromal damage as consequence of high-dose chemo/radiotherapy in bone marrow transplant recipients. Experimental Hematology, 1999, 27, 1460-1466.	0.2	261
12	Phenotypical and functional properties of human bone marrow mesenchymal progenitor cells. , 1999, 181, 67-73.		620
13	The Monoclonal Antibody SH-2, Raised against Human Mesenchymal Stem Cells, Recognizes an Epitope on Endoglin (CD105). Biochemical and Biophysical Research Communications, 1999, 265, 134-139.	1.0	361
14	Human mesenchymal stem cells support megakaryocyte and pro-platelet formation from CD34+ hematopoietic progenitor cells. , 2000, 184, 58-69.		117
15	Intrastriatal Transplantation of Bone Marrow Nonhematopoietic Cells Improves Functional Recovery After Stroke in Adult Mice. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 1311-1319.	2.4	481
16	Mesenchymal stem cells. Experimental Hematology, 2000, 28, 875-884.	0.2	1,297
17	Autologous transplantation of ex vivo expanded bone marrow cells grown from small aliquots after high-dose chemotherapy for breast cancer. Blood, 2000, 95, 2169-2174.	0.6	87
18	Cotransplantation of human stromal cell progenitors into preimmune fetal sheep results in early appearance of human donor cells in circulation and boosts cell levels in bone marrow at later time points after transplantation. Blood, 2000, 95, 3620-3627.	0.6	221

#	Article	IF	Citations
19	BONE REGENERATION THROUGH CELLULAR ENGINEERING. , 2000, , 683-696.		38
20	Biology and clinical utilization of mesenchymal progenitor cells. Brazilian Journal of Medical and Biological Research, 2000, 33, 881-887.	0.7	70
21	Cutting Edge Communication: Transplantation of Gene-Modified Human Bone Marrow Stromal Cells into Mouse-Human Bone Chimeras. Journal of Hematotherapy and Stem Cell Research, 2000, 9, 175-181.	1.8	18
22	Human Marrow-Derived Mesenchymal Stem Cells (MSCs) Express Hematopoietic Cytokines and Support Long-Term Hematopoiesis When Differentiated Toward Stromal and Osteogenic Lineages. Journal of Hematotherapy and Stem Cell Research, 2000, 9, 841-848.	1.8	385
23	Reduced total number of cobblestone area forming cells and in vitro stromal-cell growth in autografts from acute myeloid leukemia patients. Cytotherapy, 2000, 2, 201-209.	0.3	0
24	Bone Marrow Stromal Damage after Chemo/Radiotherapy: Occurrence, Consequences and Possibilities of Treatment. Leukemia and Lymphoma, 2001, 42, 863-870.	0.6	107
25	The SH-3 and SH-4 Antibodies Recognize Distinct Epitopes on CD73 from Human Mesenchymal Stem Cells. Biochemical and Biophysical Research Communications, 2001, 289, 519-524.	1.0	226
26	Mesenchymal stem cells: building blocks for molecular medicine in the 21st century. Trends in Molecular Medicine, 2001, 7, 259-264.	3.5	1,020
27	Treatment of Traumatic Brain Injury in Female Rats with Intravenous Administration of Bone Marrow Stromal Cells. Neurosurgery, 2001, 49, 1196-1204.	0.6	160
28	Adult Bone Marrow Transplantation after Stroke in Adult Rats. Cell Transplantation, 2001, 10, 31-40.	1.2	110
29	Mesenchymal Stem Cells. Experimental Biology and Medicine, 2001, 226, 507-520.	1.1	776
30	Treatment of Traumatic Brain Injury in Female Rats with Intravenous Administration of Bone Marrow Stromal Cells. Neurosurgery, 2001, 49, 1196-1204.	0.6	4
31	Correction of stromal cell defect after bone marrow transplantation in aplastic anaemia. British Journal of Haematology, 2001, 115, 642-652.	1.2	21
32	Mesenchymal stem cells: heading into the clinic. Bone Marrow Transplantation, 2001, 27, 235-239.	1.3	181
33	Marrow Stem Cells, Mesenchymal Progenitor Cells, and Stromal Progeny. Cancer Investigation, 2002, 20, 110-123.	0.6	15
34	Cell fate determination from stem cells. Gene Therapy, 2002, 9, 606-612.	2.3	143
36	Human bone marrow stromal cells suppress T-lymphocyte proliferation induced by cellular or nonspecific mitogenic stimuli. Blood, 2002, 99, 3838-3843.	0.6	2,907
37	Human Mesenchymal Stem Cells Are Not of Donor Origin in Patients with Severe Aplastic Anemia Who Underwent Sex-Mismatched Allogeneic Bone Marrow Transplant. Journal of Hematotherapy and Stem Cell Research, 2002, 11, 977-984.	1.8	33

#	Article	IF	Citations
38	Mesenchymal stem cells. A potential source for skeletal repair. Annals of the Rheumatic Diseases, 2002, 61, 29ii-31.	0.5	60
39	Introduction for ?Donor transplant vs. recipient cells in musculoskeletal system?. Microscopy Research and Technique, 2002, 58, 1-2.	1.2	0
40	Fate of donor bone marrow cells in medial collateral ligament after simulated autologous transplantation. Microscopy Research and Technique, 2002, 58, 39-44.	1.2	55
41	Mesenchymal stem cells: Will they have a role in the clinic?. Journal of Cellular Biochemistry, 2002, 85, 73-79.	1.2	118
42	Cardiac stem cells. Journal of Pathology, 2002, 197, 468-478.	2.1	81
43	Mesenchymal stem cells. Bulletin of Experimental Biology and Medicine, 2002, 133, 103-109.	0.3	27
44	Marrow Cell Transplantation for Infantile Hypophosphatasia. Journal of Bone and Mineral Research, 2003, 18, 624-636.	3.1	155
45	Adherent Cells Generated During Long-Term Culture of Human Umbilical Cord Blood CD34+Cells Have Characteristics of Endothelial Cells and Beneficial Effect on Cord Blood Ex Vivo Expansion. Stem Cells, 2003, 21, 228-235.	1.4	18
46	Glass needle-mediated microinjection of macromolecules and transgenes into primary human mesenchymal stem cells. Journal of Biomedical Science, 2003, 10, 328-336.	2.6	40
47	HLA expression and immunologic propertiesof differentiated and undifferentiated mesenchymal stem cells. Experimental Hematology, 2003, 31, 890-896.	0.2	1,510
48	Participation of bone marrow derived cells in cutaneous wound healing. Journal of Cellular Physiology, 2003, 196, 245-250.	2.0	395
49	Stem cell route to neuromuscular therapies. Muscle and Nerve, 2003, 27, 133-141.	1.0	37
50	Mesenchymal Stem Cells Inhibit and Stimulate Mixed Lymphocyte Cultures and Mitogenic Responses Independently of the Major Histocompatibility Complex. Scandinavian Journal of Immunology, 2003, 57, 11-20.	1.3	1,274
51	A neovascularized organoid derived from retrovirally engineered bone marrow stroma leads to prolonged in vivo systemic delivery of erythropoietin in nonmyeloablated, immunocompetent mice. Gene Therapy, 2003, 10, 478-489.	2.3	52
52	Ex vivo gene therapy in autologous bone marrow stromal stem cells for tissue-engineered maxillofacial bone regeneration. Gene Therapy, 2003, 10, 2013-2019.	2.3	102
53	Mesenchymal Stem Cells and Hematopoietic Stem Cell Transplantation. Annals of the New York Academy of Sciences, 2003, 996, 235-244.	1.8	74
54	Evidence for transdifferentiation of human bone marrow-derived stem cells: recent progress and controversies. Pathology, 2003, 35, 6-13.	0.3	20
55	In vitro Proliferation of Human Bone Marrow Mesenchymal Stem Cells Employing Donor Serum and Basic Fibroblast Growth Factor. Cytotechnology, 2003, 43, 89-96.	0.7	20

#	Article	IF	Citations
56	Suppression of allogeneic T-cell proliferation by human marrow stromal cells: implications in transplantation. Transplantation, 2003, 75, 389-397.	0.5	1,311
57	Ligament Healing: Present Status and the Future of Functional Tissue Engineering. , 2003, , 17-34.		4
58	Viability of Allogeneic Bone Marrow Stromal Cells following Local Delivery into Patella Tendon in Rabbit Model. Cell Transplantation, 2004, 13, 649-658.	1.2	64
59	Inhibitory Effect of Alcohol on Osteogenic Differentiation in Human Bone Marrow???Derived Mesenchymal Stem Cells. Alcoholism: Clinical and Experimental Research, 2004, 28, 468-479.	1.4	71
60	Adult mesenchymal stem cells: characterization, differentiation, and application in cell and gene therapy. Journal of Cellular and Molecular Medicine, 2004, 8, 301-316.	1.6	928
61	Human placenta-derived mesenchymal progenitor cells support culture expansion of long-term culture-initiating cells from cord blood CD34+ cells. Experimental Hematology, 2004, 32, 657-664.	0.2	198
62	Autologous serum for isolation and expansion of human mesenchymal stem cells for clinical use. Experimental Hematology, 2004, 32, 1212-1225.	0.2	246
63	Stem Cells and Prenatal Origin of Breast Cancer. Cancer Causes and Control, 2004, 15, 517-530.	0.8	40
64	Isolation of Mesenchymal Stem Cells of Fetal or Maternal Origin from Human Placenta. Stem Cells, 2004, 22, 1338-1345.	1.4	1,048
65	Sustained In Vitro Expansion of Bone Progenitors Is Cell Density Dependent. Stem Cells, 2004, 22, 39-50.	1.4	75
66	Preparation and characterization of a highly macroporous biodegradable composite tissue engineering scaffold. Journal of Biomedical Materials Research Part B, 2004, 71A, 480-487.	3.0	126
67	Systematic Approach to the Development of Stem Cell Expansion Cultures. , 2004, , 663-676.		2
68	Circulating mesenchymal stem cells. International Journal of Biochemistry and Cell Biology, 2004, 36, 585-597.	1.2	258
69	Replacement of recipient stromal/mesenchymal cells after bone marrow transplantation using bone fragments and cultured osteoblast-like cells. Biology of Blood and Marrow Transplantation, 2004, 10, 709-717.	2.0	38
70	Cranial repair using BMP-2 gene engineered bone marrow stromal cells1. Journal of Surgical Research, 2004, 119, 85-91.	0.8	92
71	Mesenchymal Stem Cells for the Treatment of Hematological Malignancies. , 2005, , 97-107.		0
72	Mesenchymal stem cells ameliorate experimental autoimmune encephalomyelitis inducing T-cell anergy. Blood, 2005, 106, 1755-1761.	0.6	1,318
73	Bone Tissue Engineering. Focus on Biotechnology, 2005, , 153-166.	0.4	6

#	Article	IF	Citations
74	Review: Mesenchymal Stem Cells: Cellâ€"Based Reconstructive Therapy in Orthopedics. Tissue Engineering, 2005, 11, 1198-1211.	4.9	728
75	Phenotypic characterization and preclinical production of human lineage-negative cells for regenerative stem cell therapy. Transfusion, 2005, 45, 315-326.	0.8	17
76	Immunomodulatory effect of human adipose tissue-derived adult stem cells: comparison with bone marrow mesenchymal stem cells. British Journal of Haematology, 2005, 129, 118-129.	1.2	861
77	Mesenchymal stem cells derived from human placenta suppress allogeneic umbilical cord blood lymphocyte proliferation. Cell Research, 2005, 15, 539-547.	5.7	116
78	Mesenchymal stem cells can be easily isolated from bone marrow of patients with various haematological malignancies but the surface antigens expression may be changed after prolonged ex vivo culture. Leukemia, 2005, 19, 1505-1507.	3.3	12
79	Axon growth and recovery of function supported by human bone marrow stromal cells in the injured spinal cord exhibit donor variations. Brain Research, 2005, 1035, 73-85.	1.1	297
80	Phenotypic changes of adult porcine mesenchymal stem cells induced by prolonged passaging in culture. Journal of Cellular Physiology, 2005, 205, 194-201.	2.0	257
81	Differentiation of Human Bone Marrow Mesenchymal Stem Cells to Chondrocytes for Construction of Three-dimensional Cartilage Tissue. Cytotechnology, 2005, 47, 11-17.	0.7	34
82	The Osteogenic Potential of Stem Cell- and BMP2 Gene-Activating Bioceramic In Vivo. Key Engineering Materials, 2005, 284-286, 941-944.	0.4	0
83	Interaction between Human NK Cells and Bone Marrow Stromal Cells Induces NK Cell Triggering: Role of NKp30 and NKG2D Receptors. Journal of Immunology, 2005, 175, 6352-6360.	0.4	157
84	Systemic recruitment of osteoblastic cells in fracture healing. Journal of Orthopaedic Research, 2005, 23, 1013-1021.	1.2	126
85	Human mesenchymal stem cells modulate allogeneic immune cell responses. Blood, 2005, 105, 1815-1822.	0.6	4,024
86	Immunobiology of Human Mesenchymal Stem Cells and Future Use in Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2005, 11, 321-334.	2.0	429
87	Cotransplantation of HLA-Identical Sibling Culture-Expanded Mesenchymal Stem Cells and Hematopoietic Stem Cells in Hematologic Malignancy Patients. Biology of Blood and Marrow Transplantation, 2005, 11, 389-398.	2.0	745
88	Bone marrow-derived mesenchymal stem cells. Leukemia and Lymphoma, 2005, 46, 1531-1544.	0.6	151
89	Mesenchymal stem cells: progress toward promise. Cytotherapy, 2005, 7, 36-45.	0.3	249
90	Mesenchymal stem cells for tissue engineering and regenerative medicine. Biomedical Materials (Bristol), 2006, 1, 63-71.	1.7	54
91	Immune modulation by mesenchymal stem cells. Experimental Cell Research, 2006, 312, 2169-2179.	1.2	327

#	Article	IF	Citations
92	Glycation endproducts in osteoporosis â€" Is there a pathophysiologic importance?. Clinica Chimica Acta, 2006, 371, 32-36.	0.5	97
93	Anti-tumor activity of mesenchymal stem cells producing IL-12 in a mouse melanoma model. Experimental Dermatology, 2006, 15, 865-874.	1.4	113
94	Mesenchymal stem cells are susceptible to human herpesviruses, but viral DNA cannot be detected in the healthy seropositive individual. Bone Marrow Transplantation, 2006, 37, 1051-1059.	1.3	88
95	Mesenchymal stem cells: properties and role in clinical bone marrow transplantation. Current Opinion in Immunology, 2006, 18, 586-591.	2.4	202
96	Assessment of bone marrow mesenchymal stem cell biological characteristics and support hemotopoiesis function in patients with chronic myeloid leukemia. Leukemia Research, 2006, 30, 993-1003.	0.4	41
97	Bone marrow derived mesenchymal stem cells from chronic myeloid leukemia t(9;22) patients are devoid of Philadelphia chromosome and support cord blood stem cell expansion. Leukemia Research, 2006, 30, 1493-1498.	0.4	36
98	Biomechanics of knee ligaments: injury, healing, and repair. Journal of Biomechanics, 2006, 39, 1-20.	0.9	344
99	Retrovirus-Mediated Gene Transfer of Receptor Activator of Nuclear Factor-Î¤B-Fc Prevents Bone Loss in Ovariectomized Mice. Stem Cells, 2006, 24, 1798-1805.	1.4	32
100	Mesenchymal Stem Cell Engineering and Transplantation. , 2006, , 1-44.		10
101	Stem cell transplantation: potential impact on heart failure. Cell and Tissue Banking, 2006, 7, 307-317.	0.5	2
102	Expansion of mesenchymal stem cells isolated from pediatric and adult donor bone marrow. Journal of Cellular Biochemistry, 2006, 97, 744-754.	1.2	289
103	Clinical Trials of Human Mesenchymal Stem Cells to Support Hematopoietic Stem Cell Transplantation. , 2006, , 151-162.		2
104	Mesenchymal Cells. Methods in Enzymology, 2006, 418, 194-208.	0.4	5
105	Bone Marrow Mesenchymal Stem Cells Suppress Lymphocyte Proliferation In Vitro but Fail to Prevent Graft-versus-Host Disease in Mice. Journal of Immunology, 2006, 176, 7761-7767.	0.4	348
106	In Vivo Osteogenic Differentiation of Rat Bone Marrow Stromal Cells in Thermosensitive MPEGâ€"PCL Diblock Copolymer Gels. Tissue Engineering, 2006, 12, 2863-2873.	4.9	73
107	Engineering stem cells for therapy. Regenerative Medicine, 2006, 1, 575-587.	0.8	2
108	Humanized system to propagate cord blood-derived multipotent mesenchymal stromal cells for clinical application. Regenerative Medicine, 2007, 2, 371-382.	0.8	147
109	Favorable Response to Human Adipose Tissue-Derived Mesenchymal Stem Cells in Steroid-Refractory Acute Graft-Versus-Host Disease. Transplantation Proceedings, 2007, 39, 3358-3362.	0.3	223

#	Article	IF	Citations
110	Mesenchymal stem cells: a new strategy for immunosuppression?. Trends in Immunology, 2007, 28, 219-226.	2.9	424
111	Autologous Stem Cell Transplantation in Autoimmune Diseases. Seminars in Hematology, 2007, 44, 278-285.	1.8	64
112	Pre-culture period of mesenchymal stem cells in osteogenic media influences theirin vivo bone forming potential. Journal of Biomedical Materials Research - Part A, 2007, 82A, 129-138.	2.1	136
113	Multipotent mesenchymal stromal cells and immune tolerance. Leukemia and Lymphoma, 2007, 48, 1283-1289.	0.6	129
114	Immunomodulatory properties of mesenchymal stem cells: a review based on an interdisciplinary meeting held at the Kennedy Institute of Rheumatology Division, London, UK, 31 October 2005. Arthritis Research and Therapy, 2007, 9, 301.	1.6	150
115	BM cells giving rise to MSC in culture have a heterogeneous CD34 and CD45 phenotype. Cytotherapy, 2007, 9, 439-450.	0.3	74
116	In Vivo Distribution of Human Adipose-Derived Mesenchymal Stem Cells in Novel Xenotransplantation Models. Stem Cells, 2007, 25, 220-227.	1.4	157
117	Biology of Stem Cells in Human Umbilical Cord Stroma: In Situ and In Vitro Surveys. Stem Cells, 2007, 25, 319-331.	1.4	463
118	Use of stem cells for the treatment of multiple sclerosis. Expert Review of Neurotherapeutics, 2007, 7, 1189-1201.	1.4	20
119	Phenotypic and Functional Comparison of Mesenchymal Stem Cells Derived from the Bone Marrow of Normal Adults and Patients with Hematologic Malignant Diseases. Stem Cells and Development, 2007, 16, 637-648.	1.1	52
120	Stem Cell Transplantation for Autoimmune Diseases. , 2007, , 241-257.		0
121	Human bone marrow-derived mesenchymal stem cells. Libyan Journal of Medicine, 2007, 2, 190-201.	0.8	12
122	From the laboratory bench to the patient's bedside: An update on clinical trials with mesenchymal stem cells. Journal of Cellular Physiology, 2007, 211, 27-35.	2.0	578
123	Adult mesenchymal stem cells for tissue engineering versus regenerative medicine. Journal of Cellular Physiology, 2007, 213, 341-347.	2.0	1,731
124	Adult bone marrowâ€“derived stem cells for organ regeneration and repair. Developmental Dynamics, 2007, 236, 3321-3331.	0.8	123
125	A Micro/Nanoscale Surface Mechanical Study on Morpho-Functional Changes in Multilineage-Differentiated Human Mesenchymal Stem Cells. Macromolecular Bioscience, 2007, 7, 589-598.	2.1	16
126	Enhanced early chondrogenesis in articular defects following arthroscopic mesenchymal stem cell implantation in an equine model. Journal of Orthopaedic Research, 2007, 25, 913-925.	1.2	262
127	Transplantation of mesenchymal stem cells to enhance engraftment of hematopoietic stem cells. Leukemia, 2007, 21, 1733-1738.	3.3	406

#	Article	IF	Citations
128	Tissue repair using allogeneic mesenchymal stem cells for hemorrhagic cystitis, pneumomediastinum and perforated colon. Leukemia, 2007, 21, 2271-2276.	3.3	193
129	Human adipose tissueâ€derived mesenchymal stromal cells as salvage therapy for treatment of severe refractory acute graftâ€vs.â€host disease in two children. Pediatric Transplantation, 2007, 11, 814-817.	0.5	120
130	Immunomodulation by mesenchymal stem cells and clinical experience. Journal of Internal Medicine, 2007, 262, 509-525.	2.7	648
131	Mesenchymal content of fresh bone marrow: a proposed quality control method for cell therapy. British Journal of Haematology, 2007, 139, 312-320.	1.2	54
132	Two steps to functional mesenchymal stromal cells for clinical application. Transfusion, 2007, 47, 1426-1435.	0.8	114
133	Human platelet lysate can replace fetal bovine serum for clinical-scale expansion of functional mesenchymal stromal cells. Transfusion, 2007, 47, 1436-1446.	0.8	437
134	Gene expression profiling of human mesenchymal stem cells derived from bone marrow during expansion and osteoblast differentiation. BMC Genomics, 2007, 8, 70.	1.2	320
135	Human marrow mesenchymal stem cell culture: serumâ€free medium allows better expansion than classical alphaâ€minimal essential medium (MEM). European Journal of Haematology, 2007, 78, 168-168.	1.1	1
136	Concise Review: Human Umbilical Cord Stroma with Regard to the Source of Fetus-Derived Stem Cells. Stem Cells, 2007, 25, 2886-2895.	1.4	381
137	Application of methods for viral clearance in stem cell production. In Vitro Cellular and Developmental Biology - Animal, 2007, 43, 371-378.	0.7	0
138	Therapeutic pathways of adult stem cell repair. Critical Reviews in Oncology/Hematology, 2008, 65, 81-93.	2.0	42
139	Cellular therapy of systemic sclerosis. Current Rheumatology Reports, 2008, 10, 189-194.	2.1	8
140	Anti-inflammatory effects of mesenchymal stem cells: novel concept for future therapies. Expert Opinion on Biological Therapy, 2008, 8, 569-581.	1.4	217
141	IFATS Collection: In Vivo Therapeutic Potential of Human Adipose Tissue Mesenchymal Stem Cells After Transplantation into Mice with Liver Injury. Stem Cells, 2008, 26, 2705-2712.	1.4	277
142	Potential role of mesenchymal stromal cells in pediatric hematopoietic SCT. Bone Marrow Transplantation, 2008, 42, S60-S66.	1.3	23
143	Prevention of graft-versus-host disease by intrabone marrow injection of donor T cells: involvement of bone marrow stromal cells. Clinical and Experimental Immunology, 2008, 152, 153-162.	1.1	11
144	Mesenchymal stem cells: biology and clinical potential in type 1 diabetes therapy. Journal of Cellular and Molecular Medicine, 2008, 12, 1155-1168.	1.6	62
145	Role of mesenchymal stromal cells in solid organ transplantation. Transplantation Reviews, 2008, 22, 262-273.	1.2	72

#	Article	IF	Citations
146	Mesenchymal stromal cell and mononuclear cell therapy in heart disease. Future Cardiology, 2008, 4, 481-494.	0.5	7
147	Stem cells as potential novel therapeutic strategy for inflammatory bowel disease. Journal of Crohn's and Colitis, 2008, 2, 99-106.	0.6	22
148	Comparison of different culture conditions for human mesenchymal stromal cells for clinical stem cell therapy. Scandinavian Journal of Clinical and Laboratory Investigation, 2008, 68, 192-203.	0.6	52
149	Adult mesenchymal stromal stem cells for therapeutic applications. Minimally Invasive Therapy and Allied Technologies, 2008, 17, 79-90.	0.6	30
150	Clinical Protocols for the Isolation and Expansion of Mesenchymal Stromal Cells. Transfusion Medicine and Hemotherapy, 2008, 35, 4-4.	0.7	66
151	Role of bone marrow stromal cells in the generation of human CD8+ regulatory T cells. Human Immunology, 2008, 69, 755-759.	1.2	14
152	The potential use of stem cells in multiple sclerosis: An overview of the preclinical experience. Clinical Neurology and Neurosurgery, 2008, 110, 889-896.	0.6	51
153	Rapid Large-Scale Expansion of Functional Mesenchymal Stem Cells from Unmanipulated Bone Marrow Without Animal Serum. Tissue Engineering - Part C: Methods, 2008, 14, 185-196.	1.1	169
154	How do mesenchymal stromal cells exert their therapeutic benefit?. Cytotherapy, 2008, 10, 771-774.	0.3	126
155	Immunomodulatory effect of mesenchymal stromal cells: possible mechanisms. Regenerative Medicine, 2008, 3, 531-546.	0.8	110
156	Mesenchymal stem cells for treatment of steroid-resistant, severe, acute graft-versus-host disease: a phase II study. Lancet, The, 2008, 371, 1579-1586.	6.3	2,474
157	Pre-clinical safety testing supporting clinical use of allogeneic multipotent adult progenitor cells. Cytotherapy, 2008, 10, 730-742.	0.3	38
158	Immune Modulation by Mesenchymal Stem Cells. Transfusion Medicine and Hemotherapy, 2008, 35, 194-204.	0.7	48
159	Multipotent Mesenchymal Stromal Cells for Autoimmune Diseases. Transfusion Medicine and Hemotherapy, 2008, 35, 8-8.	0.7	14
160	Gene Targeting of Mutant COL1A2 Alleles in Mesenchymal Stem Cells From Individuals With Osteogenesis Imperfecta. Molecular Therapy, 2008, 16, 187-193.	3.7	78
161	Treatment of systemic sclerosis: potential role for stem cell transplantation. Stem Cells and Cloning: Advances and Applications, 2009, Volume 2, 1-9.	2.3	1
162	Intravenous mesenchymal stem cell therapy for traumatic brain injury. Journal of Neurosurgery, 2009, 110, 1189-1197.	0.9	237
163	Collection and processing of marrow and blood hematopoietic stem cells. , 2009, , 249-256.		2

#	Article	IF	Citations
164	Mesenchymal stem cellâ€based therapy: a new paradigm in regenerative medicine. Journal of Cellular and Molecular Medicine, 2009, 13, 4385-4402.	1.6	235
165	Infusion of Mesenchymal Stem Cells and Rapamycin Synergize to Attenuate Alloimmune Responses and Promote Cardiac Allograft Tolerance. American Journal of Transplantation, 2009, 9, 1760-1772.	2.6	234
166	Identification of small Sca-1+, Linâ^', CD45â^' multipotential cells in the neonatal murine retina. Experimental Hematology, 2009, 37, 1096-1107.e1.	0.2	30
167	Characterization and osteogenic effects of mesenchymal stem cells on microbeads composed of hydroxyapatite nanoparticles/reconstituted collagen. Journal of Biomedical Materials Research - Part A, 2009, 91A, 886-893.	2.1	11
168	Trafficking and differentiation of mesenchymal stem cells. Journal of Cellular Biochemistry, 2009, 106, 984-991.	1.2	315
169	The therapeutic applications of multipotential mesenchymal/stromal stem cells in skeletal tissue repair. Journal of Cellular Physiology, 2009, 218, 237-245.	2.0	294
170	Mesenchymal stem cells and insulinâ€like growth factorâ€I geneâ€enhanced mesenchymal stem cells improve structural aspects of healing in equine flexor digitorum superficialis tendons. Journal of Orthopaedic Research, 2009, 27, 1392-1398.	1.2	216
171	Mesenchymal stem cells as immunomodulators after liver transplantation. Liver Transplantation, 2009, 15, 1192-1198.	1.3	53
172	Mesenchymal stem cells for the treatment of refractory pure red cell aplasia after major ABO-incompatible hematopoietic stem cell transplantation. Annals of Hematology, 2009, 88, 261-266.	0.8	37
173	Why are MSCs therapeutic? New data: new insight. Journal of Pathology, 2009, 217, 318-324.	2.1	996
174	Multipotent mesenchymal stromal cells for autoimmune diseases: teaching new dogs old tricks. Bone Marrow Transplantation, 2009, 43, 821-828.	1.3	99
175	Rapid hepatic fate specification of adiposeâ€derived stem cells and their therapeutic potential for liver failure. Journal of Gastroenterology and Hepatology (Australia), 2009, 24, 70-77.	1.4	238
176	Potential of mesenchymal stem cells as immune therapy in solid-organ transplantation. Transplant International, 2009, 22, 365-376.	0.8	77
177	Cotransplantation of haploidentical mesenchymal stem cells to enhance engraftment of hematopoietic stem cells and to reduce the risk of graft failure in two children with severe aplastic anemia. Pediatric Transplantation, 2009, 13, 499-502.	0.5	49
178	Generation and characterization of mesenchymal stromal cells for clinical application. ISBT Science Series, 2009, 4, 31-36.	1.1	2
179	Bone Marrow Mesenchymal Stem Cells Form Ectopic Woven Bone In Vivo Through Endochondral Bone Formation. Artificial Organs, 2009, 33, 301-308.	1.0	19
180	Fetal mesenchymal stem cells: isolation, properties and potential use in perinatology and regenerative medicine. BJOG: an International Journal of Obstetrics and Gynaecology, 2009, 116, 166-172.	1.1	86
181	Resolution of Refractory Chronic Autoimmune Thrombocytopenic Purpura Following Mesenchymal Stem Cell Transplantation: A Case Report. Transplantation Proceedings, 2009, 41, 1827-1830.	0.3	28

#	Article	IF	Citations
183	Mesenchymal stem cells in hematopoietic stem cell transplantation. Cytotherapy, 2009, 11, 503-515.	0.3	163
184	Pulmonary Passage is a Major Obstacle for Intravenous Stem Cell Delivery: The Pulmonary First-Pass Effect. Stem Cells and Development, 2009, 18, 683-692.	1.1	1,014
185	Optimizing in vitro conditions for immunomodulation and expansion of mesenchymal stromal cells. Cytotherapy, 2009, 11, 129-136.	0.3	69
186	New Era of Cell-Based Orthopedic Therapies. Tissue Engineering - Part B: Reviews, 2009, 15, 195-200.	2.5	104
187	Large-Scale Bicortical Skull Bone Regeneration Using Ex vivo Replication-Defective Adenoviral-Mediated Bone Morphogenetic Proteinâ€"2 Geneâ€"Transferred Bone Marrow Stromal Cells and Composite Biomaterials. Operative Neurosurgery, 2009, 65, ons75-ons83.	0.4	24
188	Emerging therapeutic approaches for multipotent mesenchymal stromal cells. Current Opinion in Hematology, 2010, 17, 505-513.	1.2	44
189	Platelet-Derived Growth Factor Receptor Signaling Is Not Involved in Osteogenic Differentiation of Human Mesenchymal Stem Cells. Tissue Engineering - Part A, 2010, 16, 983-993.	1.6	42
190	Defined high protein content surfaces for stem cell culture. Biomaterials, 2010, 31, 5137-5142.	5.7	35
191	Human Fibroblasts Share Immunosuppressive Properties with Bone Marrow Mesenchymal Stem Cells. Journal of Clinical Immunology, 2010, 30, 607-619.	2.0	79
192	The performance of bone marrow mesenchymal stem cell â€“ Implant complexes prepared by cell sheet engineering techniques. Biomaterials, 2010, 31, 3212-3221.	5.7	49
193	The effect of bovine endosteum-derived particles on the proliferation of human mesenchymal stem cells. Biomaterials, 2010, 31, 5689-5699.	5.7	10
194	Low physiologic oxygen tensions reduce proliferation and differentiation of human multipotent mesenchymal stromal cells. BMC Cell Biology, 2010, 11, 11.	3.0	260
195	Concise Review: Hitting the Right Spot with Mesenchymal Stromal Cells Â. Stem Cells, 2010, 28, 1446-1455.	1.4	348
196	Culture and Use of Mesenchymal Stromal Cells in Phase I and II Clinical Trials. Stem Cells International, 2010, 2010, 1-8.	1.2	49
197	Multipotent mesenchymal stromal cell therapy in renal disease and kidney transplantation. Nephrology Dialysis Transplantation, 2010, 25, 17-24.	0.4	83
198	Umbilical Cord-Derived Mesenchymal Stromal Cells Modulate Monocyte Function to Suppress T Cell Proliferation. Journal of Immunology, 2010, 185, 6617-6623.	0.4	157
199	Immunotherapy in the Context of Hematopoietic Stem Cell Transplantation: The Emerging Role of Natural Killer Cells and Mesenchymal Stromal Cells. Pediatric Clinics of North America, 2010, 57, 97-121.	0.9	7
200	Mesenchymal Stem Cells as Therapeutics. Annual Review of Biomedical Engineering, 2010, 12, 87-117.	5.7	672

#	Article	IF	Citations
201	The Negative Co-Signaling Molecule B7-H4 Is Expressed by Human Bone Marrowâ€“Derived Mesenchymal Stem Cells and Mediates its T-Cell Modulatory Activity. Stem Cells and Development, 2010, 19, 27-38.	1.1	80
202	The therapeutic potential of mesenchymal stem cell transplantation as a treatment for multiple sclerosis: consensus report of the International MSCT Study Group. Multiple Sclerosis Journal, 2010, 16, 503-510.	1.4	212
203	Mesenchymal Stem Cells. Cartilage, 2010, 1, 6-9.	1.4	52
204	Human embryonic stem cell-derived CD34+ cells function as MSC progenitor cells. Bone, 2010, 47, 718-728.	1.4	58
205	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
206	Mesenchymal Stromal Cells: Facilitators of Successful Transplantation?. Cell Stem Cell, 2010, 7, 431-442.	5.2	273
207	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
208	Unrestricted somatic stem cells: interaction with CD34+ cells in vitro and in vivo, expression of homing genes and exclusion of tumorigenic potential. Cytotherapy, 2011, 13, 357-365.	0.3	12
209	Mesenchymal Stromal Cells Fail to Prevent Acute Graft-versus-Host Disease and Graft Rejection after Dog Leukocyte Antigen-Haploidentical Bone Marrow Transplantation. Biology of Blood and Marrow Transplantation, 2011, 17, 214-225.	2.0	45
210	MSCs in Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2011, 17, S21-S29.	2.0	35
211	The MSC: An Injury Drugstore. Cell Stem Cell, 2011, 9, 11-15.	5.2	1,412
213	Mesenchymal stem cell seeding promotes reendothelialization of the endovascular stent. Journal of Biomedical Materials Research - Part A, 2011, 98A, 442-449.	2.1	24
214	Peripheral Blood Stem Cells. , 2011, , 383-401.		1
215	Potential clinical applications of adult human mesenchymal stem cell (Prochymal®) therapy. Stem Cells and Cloning: Advances and Applications, 2011, 4, 61.	2.3	55
216	Intravenous transplantation of allogeneic bone marrow mesenchymal stem cells and its directional migration to the necrotic femoral head. International Journal of Medical Sciences, 2011, 8, 74-83.	1.1	61
217	Transformation of Human Mesenchymal Cells and Skin Fibroblasts into Hematopoietic Cells. PLoS ONE, 2011, 6, e21250.	1.1	32
218	The role of multipotent marrow stromal cells (MSCs) in tissue regeneration. Organogenesis, 2011, 7, 96-100.	0.4	32
219	Inhibition of metastasis-associated gene 1 expression affects proliferation and osteogenic differentiation of immortalized human mesenchymal stem cells. Cell Proliferation, 2011, 44, 128-138.	2.4	9

#	Article	IF	Citations
220	Importance of Sox2 in maintenance of cell proliferation and multipotency of mesenchymal stem cells in low-density culture. Cell Proliferation, 2011, 44, 428-440.	2.4	100
221	Human embryonic stem cellâ€“derived mesenchymal stromal cells. Transfusion, 2011, 51, 138S-144S.	0.8	18
222	Bone Marrow Mesenchymal Stem Cells: Biological Properties and Their Role in Hematopoiesis and Hematopoietic Stem Cell Transplantation. Stem Cell Reviews and Reports, 2011, 7, 569-589.	5.6	160
223	Simultaneous Injection of Autologous Mononuclear Cells with TACE in HCC Patients; Preliminary Study. Journal of Gastrointestinal Cancer, 2011, 42, 11-19.	0.6	5
224	Stem cell treatment for patients with autoimmune disease by systemic infusion of culture-expanded autologous adipose tissue derived mesenchymal stem cells. Journal of Translational Medicine, 2011, 9, 181.	1.8	144
225	Bone Marrow Stromal Cells Produce Long-Term Pain Relief in Rat Models of Persistent Pain. Stem Cells, 2011, 29, 1294-1303.	1.4	86
226	Exploring the application of mesenchymal stem cells in bone repair and regeneration. Journal of Bone and Joint Surgery: British Volume, 2011, 93-B, 427-434.	3.4	99
227	Mesenchymal Stem Cells: Angels or Demons?. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-8.	3.0	119
228	Bone marrow and the control of immunity. Cellular and Molecular Immunology, 2012, 9, 11-19.	4.8	256
229	Mesenchymal Stem Cells Facilitate Fracture Repair in an Alcohol-Induced Impaired Healing Model. Journal of Orthopaedic Trauma, 2012, 26, 712-718.	0.7	38
230	Insights into bone marrowâ€derived mesenchymal stem cells safety for cutaneous repair and regeneration. International Wound Journal, 2012, 9, 586-594.	1.3	22
231	A Technique for Systemic Mesenchymal Stem Cell Transplantation in Newborn Rat Pups. Journal of Investigative Surgery, 2012, 25, 405-414.	0.6	8
232	Osteoinduction. Journal of Dental Research, 2012, 91, 736-744.	2.5	269
233	Heparin-Binding Epidermal Growth Factor-Like Growth Factor and Mesenchymal Stem Cells Act Synergistically to Prevent Experimental Necrotizing Enterocolitis. Journal of the American College of Surgeons, 2012, 215, 534-545.	0.2	60
234	The characteristics and immunoregulatory functions of regulatory dendritic cells induced by mesenchymal stem cells derived from bone marrow of patient with chronic myeloid leukaemia. European Journal of Cancer, 2012, 48, 1884-1895.	1.3	30
235	Exogenous endothelial cells as accelerators of hematopoietic reconstitution. Journal of Translational Medicine, 2012, 10, 231.	1.8	3
236	Interpreted gene expression of human dermal fibroblasts after adipo-, chondro- and osteogenic phenotype shifts. Differentiation, 2012, 84, 305-313.	1.0	8
237	Programming human pluripotent stem cells into white and brown adipocytes. Nature Cell Biology, 2012, 14, 209-219.	4.6	209

#	Article	IF	Citations
238	Phenotypic and functional characterization of human bone marrow stromal cells in hollow-fibre bioreactors. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 369-377.	1.3	11
239	Mesenchymal stromal cells and fibroblasts: a case of mistaken identity?. Cytotherapy, 2012, 14, 516-521.	0.3	137
240	Using Stem Cells in Skin Regeneration: Possibilities and Reality. Stem Cells and Development, 2012, 21, 1201-1214.	1.1	37
241	Targets and delivery methods for therapeutic angiogenesis in peripheral artery disease. Vascular Medicine, 2012, 17, 174-192.	0.8	58
242	Clinical applications of mesenchymal stem cells. Journal of Hematology and Oncology, 2012, 5, 19.	6.9	400
243	Mesenchymal Stem Cells in Hematopoietic Stem Cell Transplantation. , 2012, , 101-115.		3
244	Role of mesenchymal stem cell therapy in Crohnâ€™s disease. Pediatric Research, 2012, 71, 445-451.	1.1	91
245	Isolation and Identification of Mesenchymal Stem Cells. , 2012, , 25-32.		3
246	Xeno-free proliferation of human bone marrow mesenchymal stem cells. Cytotechnology, 2012, 64, 301-308.	0.7	32
247	Umbilical cord-derived mesenchymal stem cells: strategies, challenges, and potential for cutaneous regeneration. Frontiers of Medicine, 2012, 6, 41-47.	1.5	31
248	Immunosuppressive Properties of Mesenchymal Stem Cells. Stem Cell Reviews and Reports, 2012, 8, 375-392.	5.6	219
249	Mesenchymal stem cells in kidney inflammation and repair. Nephrology, 2012, 17, 1-10.	0.7	83
250	The potential of human fetal mesenchymal stem cells for off-the-shelf bone tissue engineering application. Biomaterials, 2012, 33, 2656-2672.	5.7	138
251	Mesenchymal stromal cells for cell therapy: besides supporting hematopoiesis. International Journal of Hematology, 2012, 95, 34-46.	0.7	34
252	Diabetes-associated macrovascular complications: cell-based therapy a new tool?. Endocrine, 2013, 44, 557-575.	1.1	17
253	MSCs for Enhancement of Hematopoietic Progenitor Cell Engraftment and Poor Graft Function. , 2013, , 443-454.		0
254	Concise review: Adult mesenchymal stromal cell therapy for inflammatory diseases: How well are we joining the dots?. Stem Cells, 2013, 31, 2033-2041.	1.4	124
255	Mesenchymal stem cell secretome and regenerative therapy afterÂcancer. Biochimie, 2013, 95, 2235-2245.	1.3	150

#	Article	IF	Citations
256	Chimerism of allogeneic mesenchymal cells in bone marrow, liver, and spleen after mesenchymal stem cells infusion. Pediatric Transplantation, 2013, 17, E189-94.	0.5	9
257	MSCs: science and trials. Nature Medicine, 2013, 19, 811-811.	15.2	16
258	Production of mesenchymal stromal/stem cells according to good manufacturing practices: a review. Stem Cell Research and Therapy, 2013, 4, 66.	2.4	132
259	Angiogenesis and bone regeneration by allogeneic mesenchymal stem cell intravenous transplantation in rabbit model of avascular necrotic femoral head. Journal of Surgical Research, 2013, 183, 193-203.	0.8	37
260	Anti-inflammatory role and immunomodulation of mesenchymal stem cells in systemic joint diseases: potential for treatment. Expert Opinion on Therapeutic Targets, 2013, 17, 243-254.	1.5	51
261	Immunological characteristics of human mesenchymal stem cells and multipotent adult progenitor cells. Immunology and Cell Biology, 2013, 91, 32-39.	1.0	190
262	Characterization of MSCs: From Early Studies to the Present. , 2013, , 59-77.		0
263	Peripheral Blood Stem Cells. , 2013, , 573-586.		1
264	Towards Clinical Application of Mesenchymal Stem Cells for Treatment of Neurological Diseases of the Central Nervous System. Journal of NeuroImmune Pharmacology, 2013, 8, 1062-1076.	2.1	45
265	Evidence for High Translational Potential of Mesenchymal Stromal Cell Therapy to Improve Recovery from Ischemic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1322-1334.	2.4	119
266	Multipotent Mesenchymal Stromal Cell Therapy and Risk of Malignancies. Stem Cell Reviews and Reports, 2013, 9, 65-79.	5.6	125
269	Therapeutic Angiogenesis in Critical Limb Ischemia. Angiology, 2013, 64, 466-480.	0.8	41
270	Therapeutic Potential of Mesenchymal Stem Cells in Regenerative Medicine. Stem Cells International, 2013, 2013, 1-15.	1.2	178
271	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
272	Chimerism of bone marrow mesenchymal stem/stromal cells in allogeneic hematopoietic cell transplantation. Chimerism, 2013, 4, 78-83.	0.7	21
273	Mesenchymal Stem Cell Insights: Prospects in Hematological Transplantation. Cell Transplantation, 2013, 22, 711-721.	1.2	17
274	Therapeutic Mesenchymal Stromal Cells: Where We Are Headed. Methods in Molecular Biology, 2014, 1283, 1-11.	0.4	5
275	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

#	Article	IF	Citations
276	Mesenchymal Stem Cell-Based Treatment for Microvascular and Secondary Complications of Diabetes Mellitus. Frontiers in Endocrinology, 2014, 5, 86.	1.5	72
277	Clinical Applications of Mesenchymal Stem Cells in Chronic Diseases. Stem Cells International, 2014, 2014, 1-11.	1.2	82
278	The Efficacy of Mesenchymal Stem Cell Transplantation in Caustic Esophagus Injury: An Experimental Study. Stem Cells International, 2014, 2014, 1-7.	1.2	12
279	Epicardial Placement of Mesenchymal Stromal Cell-sheets for the Treatment of Ischemic Cardiomyopathy; In Vivo Proof-of-concept Study. Molecular Therapy, 2014, 22, 1864-1871.	3.7	51
280	SIRT1 Directly Regulates SOX2 to Maintain Self-Renewal and Multipotency in Bone Marrow-Derived Mesenchymal Stem Cells. Stem Cells, 2014, 32, 3219-3231.	1.4	107
281	Stem Cells: Innovations in Clinical Applications. Stem Cells International, 2014, 2014, 1-9.	1.2	34
282	Stem Cells: The Future of Personalised Medicine?. Medical Equipment Insights, 2014, 5, MEI.S13177.	0.5	0
283	A review of therapeutic effects of mesenchymal stem cell secretions and induction of secretory modification by different culture methods. Journal of Translational Medicine, 2014, 12, 260.	1.8	454
284	Essential Components for Ex Vivo Proliferation of Mesenchymal Stromal Cells. Tissue Engineering - Part C: Methods, 2014, 20, 129-139.	1.1	44
285	Twenty years of the International Society for Cellular Therapies: the past, present and future of cellular therapy clinical development. Cytotherapy, 2014, 16, S112-S119.	0.3	5
286	Mesenchymal stem or stromal cells: a review of clinical applications and manufacturing practices. Transfusion, 2014, 54, 1418-1437.	0.8	340
287	Isolation of Adipose-Derived Stromal Cells Without Enzymatic Treatment: Expansion, Phenotypical, and Functional Characterization. Stem Cells and Development, 2014, 23, 2390-2400.	1.1	44
288	Mesenchymal stem cell treatments in rheumatologyâ€"a glass half full?. Nature Reviews Rheumatology, 2014, 10, 117-124.	3.5	61
289	Evaluation of human platelet lysate versus fetal bovine serum for culture of mesenchymal stromal cells. Cytotherapy, 2014, 16, 170-180.	0.3	216
290	Adult adherent stromal cells in the management of graft-versus-host disease. Expert Opinion on Biological Therapy, 2014, 14, 231-246.	1.4	23
291	The immunologic and hematopoietic profiles of mesenchymal stem cells derived from different sections of human umbilical cord. Acta Biochimica Et Biophysica Sinica, 2014, 46, 1056-1065.	0.9	10
292	From isolation to implantation: a concise review of mesenchymal stem cell therapy in bone fracture repair. Stem Cell Research and Therapy, 2014, 5, 51.	2.4	68
293	Interleukinâ€6 induces the lineage commitment of bone marrowâ€derived mesenchymal multipotent cells through downâ€regulation of Sox2 by osteogenic transcription factors. FASEB Journal, 2014, 28, 3273-3286.	0.2	35

#	Article	IF	Citations
294	Human Adipose Tissue Derived Pericytes Increase Life Span in Utrn tm1Ked Dmd mdx /J Mice. Stem Cell Reviews and Reports, 2014, 10, 830-840.	5.6	25
295	Mesenchymal stem cell therapy and acute graft-versus-host disease: a review. Human Cell, 2014, 27, 137-150.	1.2	100
296	Mesenchymal Stem Cells for Regenerative Therapy: Optimization of Cell Preparation Protocols. BioMed Research International, 2014, 2014, 1-11.	0.9	169
297	Bone marrow derived mesenchymal stem cells: A unique cytotherapy for rescuing degenerated dopaminergic neurons. Neurochemical Journal, 2015, 9, 284-294.	0.2	0
298	An Enzymatic Method to Rescue Mesenchymal Stem Cells from Clotted Bone Marrow Samples. Journal of Visualized Experiments, 2015, , .	0.2	1
299	Using mesenchymal stem cells as a therapy for bone regeneration and repairing. Biological Research, 2015, 48, 62.	1.5	66
300	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
301	Mesenchymal Stem Cell Manufacturing for Clinical Use. , 0, , .		2
302	Endometrial Regenerative Cells and Exosomes Thereof for Treatment of Radiation Exposure. , 2015, , 33-37.		1
303	Bone Marrow Mesenchymal Stromal Cells from Patients with Acute and Chronic Graft-versus-Host Disease Deploy Normal Phenotype, Differentiation Plasticity, and Immune-Suppressive Activity. Biology of Blood and Marrow Transplantation, 2015, 21, 934-940.	2.0	31
304	Donor Age and Cell Passage Affect Osteogenic Ability of Rat Bone Marrow Mesenchymal Stem Cells. Cell Biochemistry and Biophysics, 2015, 72, 543-549.	0.9	36
305	Single and Multiple Dose MultiStem (Multipotent Adult Progenitor Cell) Therapy Prophylaxis of Acute Graft-versus-Host Disease in Myeloablative Allogeneic Hematopoietic Cell Transplantation: A Phase 1 Trial. Biology of Blood and Marrow Transplantation, 2015, 21, 720-728.	2.0	56
306	The MSC curtain that stops the immune system. Immunology Letters, 2015, 168, 136-139.	1.1	90
307	Therapeutic Potential of Multipotent Mesenchymal Stromal Cells and Their Extracellular Vesicles. Human Gene Therapy, 2015, 26, 506-517.	1.4	148
308	Mesenchymal Stromal Cells to Halt the Progression of Type 1 Diabetes?. Current Diabetes Reports, 2015, 15, 46.	1.7	12
309	Could cancer and infection be adverse effects of mesenchymal stromal cell therapy?. World Journal of Stem Cells, 2015, 7, 408.	1.3	28
310	Mucopolysaccharidosis enzyme production by bone marrow and dental pulp derived human mesenchymal stem cells. Molecular Genetics and Metabolism, 2015, 114, 584-593.	0.5	10
311	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
312	Mesenchymal Stem Cells in the Treatment of Type 1 Diabetes Mellitus. Endocrine Pathology, 2015, 26, 95-103.	5.2	43
314	Intravenous infusion of allogeneic mesenchymal stromal cells in refractory or relapsed aplastic anemia. Cytotherapy, 2015, 17, 1696-1705.	0.3	25
315	Mesenchymal Autologous Stem Cells. World Neurosurgery, 2015, 83, 236-250.	0.7	1
316	Bone marrow-derived mesenchymal stem cells for the treatment of heart failure. Heart Failure Reviews, 2015, 20, 53-68.	1.7	49
317	Biotechnological and biomedical applications of mesenchymal stem cells as a therapeutic system. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 559-570.	1.9	28
318	Mesenchymal Stem Cells: Biological Characteristics and Potential Clinical Applications for Haematopoietic Stem Cell Transplantation. , 2016, , .		3
319	Mesenchymal Stem Cells. , 2016, , 139-150.		2
320	Clinical application of stem cells: An update 2015. Biomedical Research and Therapy, 2016, 3, .	0.3	2
321	Characterization of mesenchymal stromal cells: potency assay development. Transfusion, 2016, 56, 32S-5S.	0.8	28
322	Mesenchymal stromal cells: potential roles in graftâ€versusâ€host disease prophylaxis and treatment. Transfusion, 2016, 56, 9S-14S.	0.8	5
325	GMP-Compliant Perinatal Tissue-Derived Stem Cells. Pancreatic Islet Biology, 2016, , 189-213.	0.1	4
326	Mesenchymal stem cells enhance the oncolytic effect of Newcastle disease virus in glioma cells and glioma stem cells via the secretion of TRAIL. Stem Cell Research and Therapy, 2016, 7, 149.	2.4	44
327	Mesenchymal stromal cells from pooled mononuclear cells of multiple bone marrow donors as rescue therapy in pediatric severe steroid-refractory graft-versus-host disease: a multicenter survey. Haematologica, 2016, 101, 985-994.	1.7	78
328	Scalable microcarrier-based manufacturing of mesenchymal stem/stromal cells. Journal of Biotechnology, 2016, 236, 88-109.	1.9	64
331	Biobanking of Human Mesenchymal Stem Cells: Future Strategy to Facilitate Clinical Applications. Advances in Experimental Medicine and Biology, 2016, 951, 99-110.	0.8	32
334	Mesenchymal Stem Cells in Clinical Applications. Stem Cells in Clinical Applications, 2016, , 37-69.	0.4	7
335	Early Passage Dependence of Mesenchymal Stem Cell Mechanics Influences Cellular Invasion and Migration. Annals of Biomedical Engineering, 2016, 44, 2123-2131.	1.3	7
336	Choice of xenogenic-free expansion media significantly influences the myogenic differentiation potential of human bone marrowâ€“derived mesenchymal stromal cells. Cytotherapy, 2016, 18, 344-359.	0.3	21

#	Article	IF	Citations
337	Cardiopulmonary and histological characterization of an acute rat lung injury model demonstrating safety of mesenchymal stromal cell infusion. Cytotherapy, 2016, 18, 536-545.	0.3	9
338	Treatment of acute graft versus host disease with mesancyhmal stem cells: Questions and answers. Transfusion and Apheresis Science, 2016, 54, 71-75.	0.5	3
339	Human bone marrow mesenchymal stromal/stem cells: current clinical applications and potential for hematology. International Journal of Hematology, 2016, 103, 122-128.	0.7	47
340	The Use of Mesenchymal Stromal Cells for Treating Renal Injury and Promoting Allograft Survival after Renal Transplantation. , 2016, , 427-441.		0
341	Human platelet lysate: Replacing fetal bovine serum as a gold standard for human cell propagation?. Biomaterials, 2016, 76, 371-387.	5.7	390
342	Mesenchymal stem cells: Immunomodulatory capability and clinical potential in immune diseases. Journal of Cellular Immunotherapy, 2016, 2, 3-20.	0.6	214
343	Adipose-Derived Mesenchymal Stem Cells in Autoimmune Disorders: State of the Art and Perspectives for Systemic Sclerosis. Clinical Reviews in Allergy and Immunology, 2017, 52, 234-259.	2.9	98
344	Interactions between mesenchymal stem cells and the immune system. Cellular and Molecular Life Sciences, 2017, 74, 2345-2360.	2.4	234
345	CaracterÃsticas, aplicaciones y perspectivas de las cÃ©lulas madre mesenquimales en terapia celular. Medicina ClÃnica, 2017, 148, 408-414.	0.3	51
346	The use of mesenchymal stromal cells in treatment of lung disorders. Regenerative Medicine, 2017, 12, 203-216.	0.8	8
347	Characteristics, applications and prospects of mesenchymal stem cells in cell therapy. Medicina ClÃnica (English Edition), 2017, 148, 408-414.	0.1	25
348	New MSC: MSCs as pericytes are Sentinels and gatekeepers. Journal of Orthopaedic Research, 2017, 35, 1151-1159.	1.2	119
349	The Safety of Non-Expanded Multipotential Stromal Cell Therapies. Stem Cells in Clinical Applications, 2017, , 91-118.	0.4	4
350	Spatial and temporal structure of the clinical research based on mesenchymal stromal cells: A network analysis. Cytotherapy, 2017, 19, 47-60.	0.3	3
351	The exciting prospects of new therapies with mesenchymal stromal cells. Cytotherapy, 2017, 19, 1-8.	0.3	112
352	The 3Rs of Cell Therapy. Stem Cells Translational Medicine, 2017, 6, 17-21.	1.6	17
353	Cell therapy for cardiac diseases. Continuing Cardiology Education, 2017, 3, 170-175.	0.4	0
354	Mesenchymal Stromal Cells: ClinicalÂExperience, Challenges, andÂFuture Directions. , 2017, , 309-334.		1

#	Article	IF	Citations
355	Mesenchymal Stromal Cells: What Is the Mechanism in Acute Graft-Versus-Host Disease?. Biomedicines, 2017, 5, 39.	1.4	39
356	Intrinsic Variability Present in Whartonâ€™s Jelly Mesenchymal Stem Cells and T Cell Responses May Impact Cell Therapy. Stem Cells International, 2017, 2017, 1-12.	1.2	16
357	Therapeutic Purposes and Risks of Ex Vivo Expanded Mesenchymal Stem/Stromal Cells. , 2017, , 551-587.		2
358	Allogeneic Versus Autologous Mesenchymal Stromal Cells and Donor-to-Donor Variability. , 2017, , 97-120.		4
359	Feasibility of mesenchymal stem cell culture expansion for a phase I clinical trial in multiple sclerosis. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2018, 4, 205521731876528.	0.5	7
360	Repair of bone defects in rat radii with a composite of allogeneic adipose-derived stem cells and heterogeneous deproteinized bone. Stem Cell Research and Therapy, 2018, 9, 79.	2.4	23
361	Viability and functionality of mesenchymal stromal cells loaded on collagen microspheres and incorporated into plasma clots for orthopaedic application: Effect of storage conditions. Injury, 2018, 49, 1052-1057.	0.7	15
362	Pilot trial of intravenous autologous culture-expanded mesenchymal stem cell transplantation in multiple sclerosis. Multiple Sclerosis Journal, 2018, 24, 501-511.	1.4	86
363	Bone marrow aspirate clot: A technical complication or a smart approach for musculoskeletal tissue regeneration?. Journal of Cellular Physiology, 2018, 233, 2723-2732.	2.0	26
364	The application of mesenchymal stem cells to treat thermal and radiation burns. Advanced Drug Delivery Reviews, 2018, 123, 75-81.	6.6	44
365	Inhibitory effect and molecular mechanism of mesenchymal stem cells on NSCLC cells. Molecular and Cellular Biochemistry, 2018, 441, 63-76.	1.4	11
366	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. Stem Cells, 2018, 36, 434-445.	1.4	162
367	Cell-Based Therapies: The Nonresponder. Stem Cells Translational Medicine, 2018, 7, 762-766.	1.6	26
368	Optimal Stem Cell Transporting Conditions to Maintain Cell Viability and Characteristics. Tissue Engineering and Regenerative Medicine, 2018, 15, 639-647.	1.6	7
369	Mesenchymal Stromal Cells: Clinical Challenges and Therapeutic Opportunities. Cell Stem Cell, 2018, 22, 824-833.	5.2	1,148
370	Extracorporeal Stromal Cell Therapy for Subjects With Dialysis-Dependent Acute Kidney Injury. Kidney International Reports, 2018, 3, 1119-1127.	0.4	12
371	Direct Control of Stem Cell Behavior Using Biomaterials and Genetic Factors. Stem Cells International, 2018, 2018, 1-17.	1.2	13
372	Mesenchymal Stromal Cells: From Discovery to Manufacturing and Commercialization. Stem Cells International, 2018, 2018, 1-13.	1.2	99

#	Article	IF	Citations
373	Fibroblasts as a practical alternative to mesenchymal stem cells. Journal of Translational Medicine, 2018, 16, 212.	1.8	89
374	Mesenchymal Stromal Cells. , 2018, , 1559-1567.		1
375	Mesenchymal Stem Cells in Regenerative Medicine. , 2019, , 219-227.		16
376	Programmable microencapsulation for enhanced mesenchymal stem cell persistence and immunomodulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15392-15397.	3.3	124
377	Enhancing Mesenchymal Stromal Cell Immunomodulation for Treating Conditions Influenced by the Immune System. Stem Cells International, 2019, 2019, 1-11.	1.2	31
378	Tissue Engineering: Then, Now, and the Future. Tissue Engineering - Part A, 2019, 25, 515-517.	1.6	6
379	Multiplicity of Mesenchymal Stromal Cells: Finding the Right Route to Therapy. Frontiers in Immunology, 2019, 10, 1112.	2.2	90
380	Application of mesenchymal stem cell therapy for the treatment of osteoarthritis of the knee: A concise review. World Journal of Stem Cells, 2019, 11, 222-235.	1.3	70
381	Graft-versus-host disease in a child with neuroblastoma after autologous stem cell transplantation. Wspolczesna Onkologia, 2019, 23, 59-62.	0.7	2
382	Biological functions of mesenchymal stem cells and clinical implications. Cellular and Molecular Life Sciences, 2019, 76, 3323-3348.	2.4	315
383	Fetal stem cell transplantation and gene therapy. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2019, 58, 142-153.	1.4	11
385	Effect of Different Regimens of Co-Transplantation of Hemopoietic and Mesenchymal Hemopoietic Stem Cells on the Rates of Hemopoietic Recovery in Laboratory Mice Treated with Cyclophosphamide in Sublethal Doses. Bulletin of Experimental Biology and Medicine, 2019, 166, 553-557.	0.3	1
386	Forkhead box O1 (FOXO1) controls the migratory response of Toll-like receptor (TLR3)-stimulated human mesenchymal stromal cells. Journal of Biological Chemistry, 2019, 294, 8424-8437.	1.6	4
387	The impact of cryopreservation on bone marrow-derived mesenchymal stem cells: a systematic review. Journal of Translational Medicine, 2019, 17, 397.	1.8	69
388	Clinical Translation of Mesenchymal Stromal Cell Therapy for Graft Versus Host Disease. Frontiers in Cell and Developmental Biology, 2019, 7, 255.	1.8	32
389	Mesenchymal stem cell perspective: cell biology to clinical progress. Npj Regenerative Medicine, 2019, 4, 22.	2.5	1,113
390	Pluripotent stem cell-derived cochlear cells: a challenge in constant progress. Cellular and Molecular Life Sciences, 2019, 76, 627-635.	2.4	28
391	Stem cells in the treatment of diabetes mellitus â€" Focus on mesenchymal stem cells. Metabolism: Clinical and Experimental, 2019, 90, 1-15.	1.5	88

#	Article	IF	Citations
392	Microvesicles Secreted by Nitric Oxide-Primed Mesenchymal Stromal Cells Boost the Engraftment Potential of Hematopoietic Stem Cells. Stem Cells, 2019, 37, 128-138.	1.4	29
393	Application of mesenchymal stem cells to enhance nonâ€union bone fracture healing. Journal of Biomedical Materials Research - Part A, 2019, 107, 301-311.	2.1	26
394	Preclinical translation of exosomes derived from mesenchymal stem/stromal cells. Stem Cells, 2020, 38, 15-21.	1.4	148
395	Placental mesenchymal stromal cells as an alternative tool for therapeutic angiogenesis. Cellular and Molecular Life Sciences, 2020, 77, 253-265.	2.4	70
396	Emerging Therapies in BPD. , 2020, , 307-316.		0
397	Characterization and therapeutic applications of mesenchymal stem cells for regenerative medicine. Tissue and Cell, 2020, 64, 101330.	1.0	38
398	Therapeutic â€œTolâ€•in Reconstruction and Regeneration of Tissue Engineering for Osteochondral Repair. Applied Biochemistry and Biotechnology, 2020, 191, 785-809.	1.4	17
399	Bone marrow in orthopaedics (part II): a three hundred and seventyÂmillion-year saga from the Devonian to the coronavirus disease 2019 pandemicâ€”osteonecrosis; transplantation; â€œhuman chimeraâ€; stem cells, bioreactors, and coronavirus disease. International Orthopaedics, 2020, 44, 2787-2805.	0.9	7
400	Mesenchymal stromal cells in hematopoietic cell transplantation. Blood Advances, 2020, 4, 5877-5887.	2.5	40
401	The rationale of using mesenchymal stem cells in patients with COVID-19-related acute respiratory distress syndrome: What to expect. Stem Cells Translational Medicine, 2020, 9, 1287-1302.	1.6	45
402	Modular Orthopaedic Tissue Engineering With Implantable Microcarriers and Canine Adipose-Derived Mesenchymal Stromal Cells. Frontiers in Bioengineering and Biotechnology, 2020, 8, 816.	2.0	4
403	Human umbilical cord-derived mesenchymal stem cell therapy in patients with COVID-19: a phase 1 clinical trial. Signal Transduction and Targeted Therapy, 2020, 5, 172.	7.1	236
404	Functional enhancement strategies for immunomodulation of mesenchymal stem cells and their therapeutic application. Stem Cell Research and Therapy, 2020, 11, 397.	2.4	55
405	Mesenchymal stromal cell therapeutic potency is dependent upon viability, route of delivery, and immune match. Blood Advances, 2020, 4, 1987-1997.	2.5	54
406	Cell Therapy for Lung Disease: Current Status and Future Prospects. Current Stem Cell Reports, 2020, 6, 30-39.	0.7	10
407	Five Decades Later, Are Mesenchymal Stem Cells Still Relevant?. Frontiers in Bioengineering and Biotechnology, 2020, 8, 148.	2.0	109
408	Mesenchymal Stromal Cells for Graft-versus-Host Disease: A Trilogy. Biology of Blood and Marrow Transplantation, 2020, 26, e89-e91.	2.0	19
409	Bone Marrow Mesenchymal Stromal Cells (BMMSCs) Augment Osteointegration of Dental Implants in Type 1 Diabetic Rabbits: An X-Ray Micro-Computed Tomographic Evaluation. Medicina (Lithuania), 2020, 56, 148.	0.8	4

#	Article	IF	Citations
410	Next-generation stem cells â€" ushering in a new era of cell-based therapies. Nature Reviews Drug Discovery, 2020, 19, 463-479.	21.5	161
411	Application of mesenchymal stem cell for tympanic membrane regeneration by tissue engineering approach. International Journal of Pediatric Otorhinolaryngology, 2020, 133, 109969.	0.4	25
412	Mesenchymal Stromal Cells, a New Player in Reducing Complications From Liver Transplantation?. Frontiers in Immunology, 2020, 11, 1306.	2.2	7
413	Can we prevent or treat graft-versus-host disease with cellular-therapy?. Blood Reviews, 2020, 43, 100669.	2.8	13
414	Coâ€transplantation of bone marrowâ€derived mesenchymal stem cells with hematopoietic stem cells does not improve transplantation outcome in class III betaâ€thalassemia major: A prospective cohort study with longâ€term followâ€up. Pediatric Transplantation, 2021, 25, e13905.	0.5	3
415	Sensory nerves in the spotlight of the stem cell niche. Stem Cells Translational Medicine, 2021, 10, 346-356.	1.6	12
416	An Update for Mesenchymal Stem Cell Therapy in Lupus Nephritis. Kidney Diseases (Basel, Switzerland), 2021, 7, 79-89.	1.2	25
417	Comparative Proteomic Analysis of the Mesenchymal Stem Cells Secretome from Adipose, Bone Marrow, Placenta and Whartonâ€™s Jelly. International Journal of Molecular Sciences, 2021, 22, 845.	1.8	94
418	Mesenchymal Stromal Cells: Impact on Hematopoietic Cell Transplantation. , 2021, , 859-870.		1
419	BMP-2 and VEGF-A modRNAs in collagen scaffold synergistically drive bone repair through osteogenic and angiogenic pathways. Communications Biology, 2021, 4, 82.	2.0	43
420	Therapeutic Use of Mesenchymal Stromal Cells: The Need for Inclusive Characterization Guidelines to Accommodate All Tissue Sources and Species. Frontiers in Cell and Developmental Biology, 2021, 9, 632717.	1.8	69
421	Human umbilical cord-derived mesenchymal stem/stromal cells: a promising candidate for the development of advanced therapy medicinal products. Stem Cell Research and Therapy, 2021, 12, 152.	2.4	69
422	Mesenchymal stromal cells: Getting ready for clinical primetime. Transfusion and Apheresis Science, 2021, 60, 103058.	0.5	8
423	Therapeutic Applications of Mesenchymal Stem Cells in Idiopathic Pulmonary Fibrosis. Frontiers in Cell and Developmental Biology, 2021, 9, 639657.	1.8	38
424	Recent Developments in Clinical Applications of Mesenchymal Stem Cells in the Treatment of Rheumatoid Arthritis and Osteoarthritis. Frontiers in Immunology, 2021, 12, 631291.	2.2	70
425	Functional Characteristics and Application of Mesenchymal Stem Cells in Systemic Lupus Erythematosus. Archivum Immunologiae Et Therapiae Experimentalis, 2021, 69, 7.	1.0	15
426	Efficacy of mesenchymal stromal cells and cellular products in improvement of symptoms for COVIDâ€19 and similar lung diseases. Biotechnology and Bioengineering, 2021, 118, 2168-2183.	1.7	3
427	CircRNA_100395 Carried by Exosomes From Adipose-Derived Mesenchymal Stem Cells Inhibits the Malignant Transformation of Non-Small Cell Lung Carcinoma Through the miR-141-3p-LATS2 Axis. Frontiers in Cell and Developmental Biology, 2021, 9, 663147.	1.8	24

#	Article	IF	Citations
428	The Current Status of Mesenchymal Stromal Cells: Controversies, Unresolved Issues and Some Promising Solutions to Improve Their Therapeutic Efficacy. Frontiers in Cell and Developmental Biology, 2021, 9, 650664.	1.8	75
429	Mesenchymal stem/stromal cell-based therapy: mechanism, systemic safety and biodistribution for precision clinical applications. Journal of Biomedical Science, 2021, 28, 28.	2.6	100
430	Pre-clinical investigation of mesenchymal stromal cell-derived extracellular vesicles: a systematic review. Cytotherapy, 2021, 23, 277-284.	0.3	29
431	Age-Related Changes in the Inflammatory Status of Human Mesenchymal Stem Cells: Implications for Cell Therapy. Stem Cell Reports, 2021, 16, 694-707.	2.3	47
432	MSCs Become Collagen-Type I Producing Cells with Different Phenotype in Allogeneic and Syngeneic Bone Marrow Transplantation. International Journal of Molecular Sciences, 2021, 22, 4895.	1.8	1
433	New therapeutic approaches of mesenchymal stem cells-derived exosomes. Journal of Biomedical Science, 2021, 28, 39.	2.6	56
434	Role of ex vivo Expanded Mesenchymal Stromal Cells in Determining Hematopoietic Stem Cell Transplantation Outcome. Frontiers in Cell and Developmental Biology, 2021, 9, 663316.	1.8	15
435	Mesenchymal stromal cell variables influencing clinical potency: the impact of viability, fitness, route of administration and host predisposition. Cytotherapy, 2021, 23, 368-372.	0.3	45
436	Updates on clinical trials evaluating the regenerative potential of allogenic mesenchymal stem cells in COVID-19. Npj Regenerative Medicine, 2021, 6, 37.	2.5	31
438	Complex Interactions in Regulation of Haematopoiesisâ€"An Unexplored Iron Mine. Genes, 2021, 12, 1270.	1.0	3
439	Clinical Trials Based on Mesenchymal Stromal Cells are Exponentially Increasing: Where are We in Recent Years?. Stem Cell Reviews and Reports, 2022, 18, 23-36.	1.7	88
440	An overview of mesenchymal stem cells and their potential therapeutic benefits in cancer therapy (Review). Oncology Letters, 2021, 22, 785.	0.8	15
441	Human Induced Pluripotent Stem Cell-Derived Mesenchymal Stem Cells Acquire Rejuvenation and Reduced Heterogeneity. Frontiers in Cell and Developmental Biology, 2021, 9, 717772.	1.8	27
442	Mesenchymal Stem Cell Therapy: Hope for Patients With Systemic Lupus Erythematosus. Frontiers in Immunology, 2021, 12, 728190.	2.2	33
443	Efficacy of mesenchymal stromal cells for the treatment of knee osteoarthritis: a meta-analysis of randomized controlled trials. Journal of Orthopaedic Surgery and Research, 2021, 16, 11.	0.9	15
444	A Flash on Cell Therapy Strategies in Clinical Trials against SARS-CoV-2. Coronaviruses, 2021, 02, .	0.2	0
446	Tissue Engineering of Ligament Healing. , 2000, , 174-195.		2
447	Mesenchymal Stromal Cells in Regenerative Medicine: A Perspective. , 2013, , 3-16.		6

#	Article	IF	Citations
448	Mesenchymal Stem Cells in Allogeneic Transplantation. , 2003, , 151-158.		2
449	Mesenchymal Stem Cells from Adult Bone Marrow. , 2008, 449, 27-44.		184
450	Stem Cell Therapy in the Treatment of Rheumatic Diseases and Application in the Treatment of Systemic Lupus Erythematosus. , 2017, , 167-198.		2
452	Treatment of Graft-Versus-Host Disease Using Allogeneic Mesenchymal Stem Cells. , 2012, , 249-258.		1
453	A Historical Overview and Concepts of Mesenchymal Stem Cells. , 2013, , 3-15.		2
454	Mesenchymal Cell Culture. , 2002, , 333-344.		4
455	Cell fate determination from stem cells. , 0, .		2
456	Hurdles to uptake of mesenchymal stem cells and their progenitors in therapeutic products. Biochemical Journal, 2020, 477, 3349-3366.	1.7	11
457	Cotransplantation of human stromal cell progenitors into preimmune fetal sheep results in early appearance of human donor cells in circulation and boosts cell levels in bone marrow at later time points after transplantation. Blood, 2000, 95, 3620-3627.	0.6	2
458	Recent advances in understanding mesenchymal stromal cells. F1000Research, 2020, 9, 156.	0.8	22
459	Fibroblast Growth Factor-2 Primes Human Mesenchymal Stem Cells for Enhanced Chondrogenesis. PLoS ONE, 2011, 6, e22887.	1.1	103
460	Safety of Cell Therapy with Mesenchymal Stromal Cells (SafeCell): A Systematic Review and Meta-Analysis of Clinical Trials. PLoS ONE, 2012, 7, e47559.	1.1	906
461	Mesenchymal Stromal Cell Proliferation, Gene Expression and Protein Production in Human Platelet-Rich Plasma-Supplemented Media. PLoS ONE, 2014, 9, e104662.	1.1	71
462	Mesenchymal Stem Cell-derived Exosomes: Applications in Cell-free Therapy. Korean Journal of Clinical Laboratory Science, 2018, 50, 391-398.	0.1	9
464	Placental/Umbilical Cord Blood (PCB) Stem Cells for Transplantation: Early Clinical Outcomes and the Status of Ex Vivo Expansion Strategies.. Keio Journal of Medicine, 2000, 49, 141-151.	0.5	9
465	Human Bone Marrow-Derived Mesenchymal Stem Cells. Libyan Journal of Medicine, 2007, 2, 190-201.	0.8	10
466	Mesenchymal stem cells secretome: The cornerstone of cell-free regenerative medicine. World Journal of Stem Cells, 2020, 12, 1529-1552.	1.3	72
467	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

#	Article	IF	Citations
468	Therapeutic potential of intravenously administered human mesenchymal stromal cells. Hamostaseologie, 2011, 31, 269-274.	0.9	6
469	Therapeutic Potential of Bama Pig Adipose-Derived Mesenchymal Stem Cells for the Treatment of Carbon Tetrachloride-Induced Liver Fibrosis. Experimental and Clinical Transplantation, 2020, 18, 823-831.	0.2	5
470	A novel method for maintaining the stability of freshly cultured Mesenchymal stem cells in clinical grade injection ready state without cryopreservation. Translational Medicine Communications, 2021, 6, .	0.5	1
471	Establishment of a consensus definition for mesenchymal stromal cells (MSC) and reporting guidelines for clinical trials of MSC therapy: a modified Delphi study protocol. BMJ Open, 2021, 11, e054740.	0.8	6
472	From Primary MSC Culture of Adipose Tissue to Immortalized Cell Line Producing Cytokines for Potential Use in Regenerative Medicine Therapy or Immunotherapy. International Journal of Molecular Sciences, 2021, 22, 11439.	1.8	7
474	Ligaments of the Knee in Sports Injuries and Rehabilitation. , 2001, , 1-10.		0
476	Growth Factor Delivery by a Cloned Multipotent Cell from Bone Marrow Stroma Potentiates Bone Repair. , 2003, , .		0
477	Bone Marrow Mesenchymal Stem Cell Transplantation for Children with Severe Osteogenesis Imperfecta. , 2006, , 135-150.		0
478	In VivoOsteogenic Differentiation of Rat Bone Marrow Stromal Cells in Thermosensitive MPEG?PCL Diblock Copolymer Gels. Tissue Engineering, 2006, .	4.9	0
479	Haploidentical Stem Cell Transplantation. , 2008, , 289-317.		0
480	Biological Characteristics of MSCs. Advanced Topics in Science and Technology in China, 2009, , 19-58.	0.0	0
481	MSC Therapy in Animal Models and in Regenerative Medicine for Human Diseases. , 2009, , 245-266.		0
482	Therapeutic Potential of Mesenchymal Stem Cells in Hematopoietic Stem Cell Transplantation. , 2010, , 477-490.		0
483	Metabolic Bone Disorders of the Spine. , 2011, , 1571-1595.		0
484	Mesenchymal Stem Cells from Bone Marrow. Series in Medical Physics and Biomedical Engineering, 2011, , 31-52.	0.1	0
485	MSCs in Pediatric Hematopoietic Stem Cell Transplantation. , 2013, , 467-483.		0
486	Mesenchymal Stromal Cell (MSC) Therapy for Crohnâ€™s Disease. , 2013, , 229-240.		0
487	Mesenchymal Stromal/Stem Cell Transplantation: From Tissue Regeneration to Immune Modulation. , 2013, , 391-397.		0

#	Article	IF	Citations
488	Mesenchymal Stem Cells as Therapy for Graft Versus Host Disease: What Have We Learned?. , 2013, , 173-190.		0
490	Future of Cell-Based Therapies in Orthopedic Sports Medicine. , 2014, , 1-6.		0
491	The use of mesenchymal stem cells in therapy of steroid-resistance chronic refractory graft-versus-host disease after hematopoietic stem cell transplantation. Medical and Biological Sciences, 2014, 28, 57.	0.2	1
492	Future of Cell-Based Therapies in Orthopedic Sports Medicine. , 2015, , 3217-3222.		0
493	Supermacroporous Cryogels as Scaffolds for Pancreatic Islet Transplantation. , 2016, , 281-308.		0
494	The Use of a Large Animal Model and Robotic Technology to Validate New Biotherapies for ACL Healing. , 2017, , 185-196.		0
495	Conventional and Alternative Mesenchymal Stem Cell Therapies for the Treatment of Diabetes. Advances in Experimental Medicine and Biology, 2020, 1312, 97-106.	0.8	2
496	Allogeneic vs. autologous mesenchymal stem/stromal cells in their medication practice. Cell and Bioscience, 2021, 11, 187.	2.1	64
497	Surgical Therapy for Atrial Fibrillation. , 2008, , 225-232.		0
498	Stem cell therapeutics: potential in the treatment of inflammatory bowel disease. Clinical and Experimental Gastroenterology, 2010, 3, 1-10.	1.0	10
499	Prostaglandin E2: a putative potency indicator of the immunosuppressive activity of human mesenchymal stem cells. American Journal of Stem Cells, 2012, 1, 138-145.	0.4	17
500	The applications of bone marrow-derived stem cells to induce tolerance and chimerism in organ transplantation. International Journal of Organ Transplantation Medicine, 2010, 1, 157-69.	0.5	2
501	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
503	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
504	Development of a human umbilical cord-derived mesenchymal stromal cell-based advanced therapy medicinal product to treat immune and/orÂinflammatory diseases. Stem Cell Research and Therapy, 2021, 12, 571.	2.4	18
505	Definition and Characteristics of Mesenchymal Stromal Cells in Preclinical and Clinical Studies: A Scoping Review. Stem Cells Translational Medicine, 2022, 11, 44-54.	1.6	16
506	Therapeutic Mesenchymal Stem/Stromal Cells: Value, Challenges and Optimization. Frontiers in Cell and Developmental Biology, 2021, 9, 716853.	1.8	28
507	Current State and Issues of Regenerative Medicine for Rheumatic Diseases. Frontiers in Medicine, 2022, 9, 813952.	1.2	3

#	Article	IF	Citations
508	A randomized controlled trial of stem cell injection for tendon tear. Scientific Reports, 2022, 12, 818.	1.6	11
509	Human Mesenchymal Stem/Stromal Cells in Immune Regulation and Therapy. Stem Cells Translational Medicine, 2022, 11, 114-134.	1.6	20
510	Role of Lysosomal Acidification Dysfunction in Mesenchymal Stem Cell Senescence. Frontiers in Cell and Developmental Biology, 2022, 10, 817877.	1.8	6
511	Mesenchymal Stem Cell (MSCs) Therapy for Ischemic Heart Disease: A Promising Frontier. Global Heart, 2022, 17, 19.	0.9	16
512	Production and Application of Mesenchymal Stem Cell Spheroids for Cartilage and Bone Regeneration. Pancreatic Islet Biology, 2022, , 137-153.	0.1	1
513	Management of Chronic Graft-vs.-Host Disease in Children and Adolescents With ALL: Present Status and Model for a Personalised Management Plan. Frontiers in Pediatrics, 2022, 10, 808103.	0.9	8
514	GMP-Compliant Production of Autologous Adipose-Derived Stromal Cells in the NANT 001 Closed Automated Bioreactor. Frontiers in Bioengineering and Biotechnology, 2022, 10, 834267.	2.0	3
515	Extraembryonic Mesenchymal Stromal/Stem Cells in Liver Diseases: A Critical Revision of Promising Advanced Therapy Medicinal Products. Cells, 2022, 11, 1074.	1.8	3
516	Mesenchymal Stem Cell-Derived Extracellular Vesicles in the Management of COVID19-Associated Lung Injury: A Review on Publications, Clinical Trials and Patent Landscape. Tissue Engineering and Regenerative Medicine, 2022, 19, 659-673.	1.6	11
517	Catching Them Early: Framework Parameters and Progress for Prenatal and Childhood Application of Advanced Therapies. Pharmaceutics, 2022, 14, 793.	2.0	4
518	Small Extracellular Vesicles Derived from Human Chorionic MSCs as Modern Perspective towards Cell-Free Therapy. International Journal of Molecular Sciences, 2021, 22, 13581.	1.8	10
519	Is Culture Expansion Necessary in Autologous Mesenchymal Stromal Cell Therapy to Obtain Superior Results in the Management of Knee Osteoarthritis?â€"Meta-Analysis of Randomized Controlled Trials. Bioengineering, 2021, 8, 220.	1.6	6
522	Making fitter cells and tissues. Nature Biomedical Engineering, 2022, 6, 325-326.	11.6	2
523	How to Make Sense out of 75,000 Mesenchymal Stromal Cell Publications?. Cells, 2022, 11, 1419.	1.8	5
525	The future of stem cell therapies of Alzheimerâ€™s disease. Ageing Research Reviews, 2022, 80, 101655.	5.0	5
526	Mesenchymal stroma/stem cells: Haematologistsâ€™ friend or foe?. British Journal of Haematology, 2022, 199, 175-189.	1.2	5
527	Mesenchymal stromal cell treatment improves outcomes in children with pneumonia post-hematopoietic stem cell transplantation: a retrospective cohort study. Stem Cell Research and Therapy, 2022, 13, .	2.4	0
528	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. Stem Cell Reviews and Reports, 2022, 18, 2016-2027.	1.7	3

#	Article	IF	Citations
529	Bone marrow mesenchymal stromal cells for diabetes therapy: touch, fuse, and fix?. Stem Cell Research and Therapy, 2022, 13, .	2.4	6
530	Regenerative Medicine: Pharmacological Considerations and Clinical Role in Pain Management. Current Pain and Headache Reports, 2022, 26, 751-765.	1.3	5