Zongjin Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4599326/publications.pdf

Version: 2024-02-01

169 papers	8,385 citations	44069 48 h-index	54911 84 g-index
178 all docs	178 docs citations	178 times ranked	11206 citing authors

#	Article	IF	Citations
1	A nonviral minicircle vector for deriving human iPS cells. Nature Methods, 2010, 7, 197-199.	19.0	658
2	MicroRNA-210 as a Novel Therapy for Treatment of Ischemic Heart Disease. Circulation, 2010, 122, S124-31.	1.6	407
3	Enhanced Therapeutic Effects of Mesenchymal Stem Cell-Derived Exosomes with an Injectable Hydrogel for Hindlimb Ischemia Treatment. ACS Applied Materials & Interfaces, 2018, 10, 30081-30091.	8.0	271
4	Comparison of Reporter Gene and Iron Particle Labeling for Tracking Fate of Human Embryonic Stem Cells and Differentiated Endothelial Cells in Living Subjects. Stem Cells, 2008, 26, 864-873.	3.2	216
5	Proangiogenic Features of Mesenchymal Stem Cells and Their Therapeutic Applications. Stem Cells International, 2016, 2016, 1-11.	2.5	188
6	Differentiation, Survival, and Function of Embryonic Stem Cellâ€“Derived Endothelial Cells for Ischemic Heart Disease. Circulation, 2007, 116, I46-54.	1.6	184
7	Human Neural Stem Cell Grafts Modify Microglial Response and Enhance Axonal Sprouting in Neonatal Hypoxicâ€“Ischemic Brain Injury. Stroke, 2010, 41, 516-523.	2.0	184
8	Enhanced proangiogenic potential of mesenchymal stem cell-derived exosomes stimulated by a nitric oxide releasing polymer. Biomaterials, 2017, 133, 70-81.	11.4	181
9	Imaging Survival and Function of Transplanted Cardiac Resident Stem Cells. Journal of the American College of Cardiology, 2009, 53, 1229-1240.	2.8	170
10	Quantum dot imaging for embryonic stem cells. BMC Biotechnology, 2007, 7, 67.	3.3	163
11	Molecular and Magnetic Resonance Imaging of Human Embryonic Stem Cellâ€“Derived Neural Stem Cell Grafts in Ischemic Rat Brain. Molecular Therapy, 2009, 17, 1282-1291.	8.2	163
12	CD44 antibody-targeted liposomal nanoparticles for molecular imaging and therapy of hepatocellular carcinoma. Biomaterials, 2012, 33, 5107-5114.	11.4	160
13	Heterogeneity of proangiogenic features in mesenchymal stem cells derived from bone marrow, adipose tissue, umbilical cord, and placenta. Stem Cell Research and Therapy, 2016, 7, 163.	5.5	160
14	Novel MicroRNA Prosurvival Cocktail for Improving Engraftment and Function of Cardiac Progenitor Cell Transplantation. Circulation, 2011, 124, S27-34.	1.6	137
15	Nitric oxide releasing hydrogel enhances the therapeutic efficacy of mesenchymal stem cells for myocardial infarction. Biomaterials, 2015, 60, 130-140.	11.4	132
16	In Vivo Tracking of Mesenchymal Stem Cell-Derived Extracellular Vesicles Improving Mitochondrial Function in Renal Ischemiaâ€“Reperfusion Injury. ACS Nano, 2020, 14, 4014-4026.	14.6	130
17	Prostaglandin E₂ hydrogel improves cutaneous wound healing via M2 macrophages polarization. Theranostics, 2018, 8, 5348-5361.	10.0	128
18	Embryonic Stem Cellâ€“Derived Endothelial Cells Engraft Into the Ischemic Hindlimb and Restore Perfusion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 984-991.	2.4	126

#	Article	IF	Citations
19	Molecular Imaging of Embryonic Stem Cell Misbehavior and Suicide Gene Ablation. Cloning and Stem Cells, 2007, 9, 107-117.	2.6	123
20	Supramolecular Nanofibers Containing Arginine-Glycine-Aspartate (RGD) Peptides Boost Therapeutic Efficacy of Extracellular Vesicles in Kidney Repair. ACS Nano, 2020, 14, 12133-12147.	14.6	123
21	Functional Characterization and Expression Profiling of Human Induced Pluripotent Stem Cell- and Embryonic Stem Cell-Derived Endothelial Cells. Stem Cells and Development, 2011, 20, 1701-1710.	2.1	109
22	Enhancement of neovascularization with cord blood CD133+ cell-derived endothelial progenitor cell transplantation. Thrombosis and Haemostasis, 2004, 91, 1202-1212.	3.4	106
23	Functional and Transcriptional Characterization of Human Embryonic Stem Cell-Derived Endothelial Cells for Treatment of Myocardial Infarction. PLoS ONE, 2009, 4, e8443.	2.5	100
24	MSC-derived sEVs enhance patency and inhibit calcification of synthetic vascular grafts by immunomodulation in a rat model of hyperlipidemia. Biomaterials, 2019, 204, 13-24.	11.4	98
25	IGF-1 C Domainâ€“Modified Hydrogel Enhances Cell Therapy for AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 2357-2369.	6.1	96
26	Role of prostaglandin E2 in tissue repair and regeneration. Theranostics, 2021, 11, 8836-8854.	10.0	94
27	Novel Minicircle Vector for Gene Therapy in Murine Myocardial Infarction. Circulation, 2009, 120, S230-7.	1.6	91
28	Nitricâ€Oxideâ€Releasing Biomaterial Regulation of the Stem Cell Microenvironment in Regenerative Medicine. Advanced Materials, 2020, 32, e1805818.	21.0	91
29	Short Hairpin RNA Interference Therapy for Ischemic Heart Disease. Circulation, 2008, 118, S226-33.	1.6	89
30	Legumain: A biomarker for diagnosis and prognosis of human ovarian cancer. Journal of Cellular Biochemistry, 2012, 113, 2679-2686.	2.6	87
31	Bone Marrow Mesenchymal Stem Cells (BM-MSCs) Improve Heart Function in Swine Myocardial Infarction Model through Paracrine Effects. Scientific Reports, 2016, 6, 28250.	3.3	86
32	IGF-1C hydrogel improves the therapeutic effects of MSCs on colitis in mice through PGE₂-mediated M2 macrophage polarization. Theranostics, 2020, 10, 7697-7709.	10.0	82
33	Copper complexes based on chiral Schiff-base ligands: DNA/BSA binding ability, DNA cleavage activity, cytotoxicity and mechanism of apoptosis. European Journal of Medicinal Chemistry, 2016, 114, 244-256.	5.5	79
34	VCAM-1+ placenta chorionic villi-derived mesenchymal stem cells display potent pro-angiogenic activity. Stem Cell Research and Therapy, 2016, 7, 49.	5.5	77
35	In Vivo Real-Time Imaging of Extracellular Vesicles in Liver Regeneration via Aggregation-Induced Emission Luminogens. ACS Nano, 2019, 13, 3522-3533.	14.6	76
36	Molecular imaging for assessment of mesenchymal stem cells mediated breast cancer therapy. Biomaterials, 2014, 35, 5162-5170.	11.4	74

#	Article	IF	Citations
37	MSCs inhibit tumor progression and enhance radiosensitivity of breast cancer cells by down-regulating Stat3 signaling pathway. Cell Death and Disease, 2018, 9, 1026.	6.3	73
38	Effects of Ionizing Radiation on Self-Renewal and Pluripotency of Human Embryonic Stem Cells. Cancer Research, 2010, 70, 5539-5548.	0.9	69
39	Transplantation of Human Placenta-Derived Mesenchymal Stem Cells Alleviates Critical Limb Ischemia in Diabetic Nude Rats. Cell Transplantation, 2017, 26, 45-61.	2.5	69
40	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. Stem Cell Research and Therapy, 2018, 9, 129.	5.5	68
41	A macroporous heparin-releasing silk fibroin scaffold improves islet transplantation outcome by promoting islet revascularisation and survival. Acta Biomaterialia, 2017, 59, 210-220.	8.3	63
42	Transplantation of human embryonic stem cellâ€derived endothelial cells for vascular diseases. Journal of Cellular Biochemistry, 2009, 106, 194-199.	2.6	61
43	Mesenchymal Stem Cell-Derived Extracellular Vesicles Attenuate Radiation-Induced Lung Injury via miRNA-214-3p. Antioxidants and Redox Signaling, 2021, 35, 849-862.	5.4	61
44	Bone Marrow Vascular Niche: Home for Hematopoietic Stem Cells. Bone Marrow Research, 2014, 2014, 1-8.	1.7	58
45	Enhanced therapeutic effects of MSC-derived extracellular vesicles with an injectable collagen matrix for experimental acute kidney injury treatment. Stem Cell Research and Therapy, 2020, 11, 161.	5.5	57
46	Yes-associated protein (YAP) increases chemosensitivity of hepatocellular carcinoma cells by modulation of p53. Cancer Biology and Therapy, 2013, 14, 511-520.	3.4	55
47	Exosomes from mesenchymal stromal cells enhance imatinib-induced apoptosis in human leukemia cells via activation of caspase signaling pathway. Cytotherapy, 2018, 20, 181-188.	0.7	55
48	Systematic comparison of hUC-MSCs at various passages reveals the variations of signatures and therapeutic effect on acute graft-versus-host disease. Stem Cell Research and Therapy, 2019, 10, 354.	5.5	54
49	nAChRs Mediate Human Embryonic Stem Cell-Derived Endothelial Cells: Proliferation, Apoptosis, and Angiogenesis. PLoS ONE, 2009, 4, e7040.	2.5	50
50	Imaging Neural Stem Cell Graft-Induced Structural Repair in Stroke. Cell Transplantation, 2013, 22, 881-892.	2.5	50
51	A nitric oxide-releasing hydrogel for enhancing the therapeutic effects of mesenchymal stem cell therapy for hindlimb ischemia. Acta Biomaterialia, 2020, 113, 289-304.	8.3	48
52	Embryonic stem cell-derived extracellular vesicles enhance the therapeutic effect of mesenchymal stem cells. Theranostics, 2019, 9, 6976-6990.	10.0	47
53	Kinetic expression of platelet endothelial cell adhesion molecule-1 (PECAM-1/CD31) during embryonic stem cell differentiation. Journal of Cellular Biochemistry, 2005, 95, 559-570.	2.6	46
54	Genetic Modification of Embryonic Stem Cells with VEGF Enhances Cell Survival and Improves Cardiac Function. Cloning and Stem Cells, 2007, 9, 549-563.	2.6	45

#	Article	IF	Citations
55	Activation of mesenchymal stem cells by macrophages promotes tumor progression through immune suppressive effects. Oncotarget, 2016, 7, 20934-20944.	1.8	45
56	In vivo two-photon microscopy reveals the contribution of Sox9+ cell to kidney regeneration in a mouse model with extracellular vesicle treatment. Journal of Biological Chemistry, 2020, 295, 12203-12213.	3.4	44
57	Chitosan hydrogel-loaded MSC-derived extracellular vesicles promote skin rejuvenation by ameliorating the senescence of dermal fibroblasts. Stem Cell Research and Therapy, 2021, 12, 196.	5.5	44
58	Extracellular Matrix can Recover the Downregulation of Adhesion Molecules after Cell Detachment and Enhance Endothelial Cell Engraftment. Scientific Reports, 2015, 5, 10902.	3.3	43
59	Nitric oxide releasing hydrogel promotes endothelial differentiation of mouse embryonic stem cells. Acta Biomaterialia, 2017, 63, 190-199.	8.3	39
60	The role of biomaterials in stem cell-based regenerative medicine. Future Medicinal Chemistry, 2019, 11, 1777-1790.	2.3	38
61	Two-step generation of mesenchymal stem/stromal cells from human pluripotent stem cells with reinforced efficacy upon osteoarthritis rabbits by HA hydrogel. Cell and Bioscience, 2021, 11, 6.	4.8	38
62	Fra-1 Promotes Breast Cancer Chemosensitivity by Driving Cancer Stem Cells from Dormancy. Cancer Research, 2012, 72, 3451-3456.	0.9	37
63	Transcriptome Alteration in the Diabetic Heart by Rosiglitazone: Implications for Cardiovascular Mortality. PLoS ONE, 2008, 3, e2609.	2.5	36
64	JNKi- and DAC-programmed mesenchymal stem/stromal cells from hESCs facilitate hematopoiesis and alleviate hind limb ischemia. Stem Cell Research and Therapy, 2019, 10, 186.	5.5	36
65	Mesenchymal Stem Cell-Derived Extracellular Vesicles for Corneal Wound Repair. Stem Cells International, 2019, 2019, 1-9.	2.5	36
66	Folic acid-nanoscale gadolinium-porphyrin metal-organic frameworks: fluorescence and magnetic resonance dual-modality imaging and photodynamic therapy in hepatocellular carcinoma. International Journal of Nanomedicine, 2019, Volume 14, 57-74.	6.7	35
67	Self-assembled GFFYK peptide hydrogel enhances the therapeutic efficacy of mesenchymal stem cells in a mouse hindlimb ischemia model. Acta Biomaterialia, 2019, 85, 94-105.	8.3	35
68	Intranasal delivery of MSC-derived exosomes attenuates allergic asthma via expanding IL-10 producing lung interstitial macrophages in mice. International Immunopharmacology, 2021, 91, 107288.	3.8	35
69	Effects of Long-Term Culture on Human Embryonic Stem Cell Aging. Stem Cells and Development, 2011, 20, 127-138.	2.1	34
70	Anti-angiogenesis effects of meisoindigo on chronic myelogenous leukemia in vitro. Leukemia Research, 2006, 30, 54-59.	0.8	33
71	Transplantation of parthenogenetic embryonic stem cells ameliorates cardiac dysfunction and remodelling after myocardial infarction. Cardiovascular Research, 2013, 97, 208-218.	3.8	33
72	Sulfated glycosaminoglycans in decellularized placenta matrix as critical regulators for cutaneous wound healing. Acta Biomaterialia, 2021, 122, 199-210.	8.3	33

#	Article	IF	Citations
73	The role of Hath6, a novel shear stress-responsive transcription factor, in endothelial differentiation and function modulation. Journal of Cell Science, 2014, 127, 1428-40.	2.0	31
74	IGF-1C domain-modified hydrogel enhances therapeutic potential of mesenchymal stem cells for hindlimb ischemia. Stem Cell Research and Therapy, 2019, 10, 129.	5.5	31
75	Imaging of STAT3 Signaling Pathway During Mouse Embryonic Stem Cell Differentiation. Stem Cells and Development, 2009, 18, 205-214.	2.1	30
76	Stat3 activation is critical for pluripotency maintenance. Journal of Cellular Physiology, 2019, 234, 1044-1051.	4.1	29
77	Gene and MicroRNA Profiling of Human Induced Pluripotent Stem Cell-Derived Endothelial Cells. Stem Cell Reviews and Reports, 2015, 11, 219-227.	5.6	28
78	Differential effects of tumor necrosis factor-Î± on matrix metalloproteinase-2 expression in human myometrial and uterine leiomyoma smooth muscle cells. Human Reproduction, 2015, 30, 61-70.	0.9	27
79	LMO2 promotes tumor cell invasion and metastasis in basal-type breast cancer by altering actin cytoskeleton remodeling. Oncotarget, 2017, 8, 9513-9524.	1.8	27
80	LMO2 attenuates tumor growth by targeting the Wnt signaling pathway in breast and colorectal cancer. Scientific Reports, 2016, 6, 36050.	3.3	26
81	Three structurally related Copper complexes with two isomers: DNA/BSA binding ability, DNA cleavage activity and excellent cytotoxicity. Inorganica Chimica Acta, 2017, 457, 7-18.	2.4	25
82	Comparison of Teratoma Formation between Embryonic Stem Cells and Parthenogenetic Embryonic Stem Cells by Molecular Imaging. Stem Cells International, 2018, 2018, 1-9.	2.5	25
83	Spatio-Temporal Metabolokinetics and Efficacy of Human Placenta-Derived Mesenchymal Stem/Stromal Cells on Mice with Refractory Crohnâ€™s-like Enterocutaneous Fistula. Stem Cell Reviews and Reports, 2020, 16, 1292-1304.	3.8	25
84	Delivery of MSCs with a Hybrid Î²-Sheet Peptide Hydrogel Consisting IGF-1C Domain and D-Form Peptide for Acute Kidney Injury Therapy . International Journal of Nanomedicine, 2020, Volume 15, 4311-4324.	6.7	25
85	IGF-1C domainâ€“modified hydrogel enhanced the efficacy of stem cells in the treatment of AMI. Stem Cell Research and Therapy, 2020, 11, 136.	5.5	25
86	Bioluminescence reporter gene imaging characterize human embryonic stem cellâ€derived teratoma formation. Journal of Cellular Biochemistry, 2011, 112, 840-848.	2.6	24
87	Human Supernumerary Teeth-Derived Apical Papillary Stem Cells Possess Preferable Characteristics and Efficacy on Hepatic Fibrosis in Mice. Stem Cells International, 2020, 2020, 1-12.	2.5	23
88	Constructing a cell microenvironment with biomaterial scaffolds for stem cell therapy. Stem Cell Research and Therapy, 2021, 12, 583.	5.5	23
89	Activating transcription factor 4 increases chemotherapeutics resistance of human hepatocellular carcinoma. Cancer Biology and Therapy, 2012, 13, 435-442.	3.4	22
90	Translational applications of molecular imaging in cardiovascular disease and stem cell therapy. Biochimie, 2015, 116, 43-51.	2.6	22

#	Article	IF	Citations
91	Positron emission tomography imaging of conditional gene activation in the heart. Journal of Molecular and Cellular Cardiology, 2007, 43, 18-26.	1.9	21
92	Bone marrow-derived cells can acquire renal stem cells properties and ameliorate ischemia-reperfusion induced acute renal injury. BMC Nephrology, 2012, 13, 105.	1.8	21
93	Molecular Imaging of Inducible VEGF Expression and Tumor Progression in a Breast Cancer Model. Cellular Physiology and Biochemistry, 2017, 42, 407-415.	1.6	21
94	Embryonic stem cell-derived extracellular vesicles promote the recovery of kidney injury. Stem Cell Research and Therapy, 2021, 12, 379.	5.5	21
95	OSM Enhances Angiogenesis and Improves Cardiac Function after Myocardial Infarction. BioMed Research International, 2015, 2015, 1-10.	1.9	20
96	Directed Differentiation of Human Corneal Endothelial Cells From Human Embryonic Stem Cells by Using Cell-Conditioned Culture Media. , 2018, 59, 3028.		20
97	Extracellular vesicles derived from human placental mesenchymal stem cells alleviate experimental colitis inï¿½mice by inhibiting inflammation and oxidative stress. International Journal of Molecular Medicine, 2020, 46, 1551-1561.	4.0	20
98	Dppa3 is critical for Lin28a-regulated ES cells naÃ¯veâ€“primed state conversion. Journal of Molecular Cell Biology, 2019, 11, 474-488.	3.3	19
99	Embryonic stem cell preconditioned microenvironment suppresses tumorigenic properties in breast cancer. Stem Cell Research and Therapy, 2016, 7, 95.	5.5	18
100	Nanoparticle-Based Tumor Theranostics with Molecular Imaging. Current Pharmaceutical Biotechnology, 2014, 14, 683-692.	1.6	18
101	Synthesis, Biodistribution, and Imaging of PEGylated-Acetylated Polyamidoamine Dendrimers. Journal of Nanoscience and Nanotechnology, 2014, 14, 3305-3312.	0.9	17
102	Nitric oxide improves regeneration and prevents calcification in bio-hybrid vascular grafts via regulation of vascular stem/progenitor cells. Cell Reports, 2022, 39, 110981.	6.4	17
103	Assessment of Therapeutic Efficacy of Liposomal Nanoparticles Mediated Gene Delivery by Molecular Imaging for Cancer Therapy. Journal of Biomedical Nanotechnology, 2012, 8, 742-750.	1.1	16
104	VE-Cadherin regulates the self-renewal of mouse embryonic stem cells via LIF/Stat3 signaling pathway. Biomaterials, 2018, 158, 34-43.	11.4	16
105	Dppa3 in pluripotency maintenance of ES cells and early embryogenesis. Journal of Cellular Biochemistry, 2019, 120, 4794-4799.	2.6	15
106	Renal subcapsular delivery of PGE2 promotes kidney repair by activating endogenous Sox9+ stem cells. IScience, 2021, 24, 103243.	4.1	15
107	Preparation and Evaluation of Magnetic Nanoparticles for Cell Labeling. Journal of Nanoscience and Nanotechnology, 2011, 11, 3749-3756.	0.9	14
108	IGF-1C domain-modified chitosan hydrogel accelerates cutaneous wound healing by promoting angiogenesis. Future Medicinal Chemistry, 2020, 12, 1239-1251.	2.3	14

#	Article	IF	Citations
109	CD73+ Mesenchymal Stem Cells Ameliorate Myocardial Infarction by Promoting Angiogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 637239.	3.7	14
110	The Application of Methylprednisolone Nanoscale Zirconium-Porphyrin Metal-Organic Framework (MPS-NPMOF) in the Treatment of Photoreceptor Degeneration . International Journal of Nanomedicine, 2019, Volume 14, 9763-9776.	6.7	13
111	Identification of Hub Genes Associated with Hypertension and Their Interaction with miRNA Based on Weighted Gene Coexpression Network Analysis (WGCNA) Analysis. Medical Science Monitor, 2020, 26, e923514.	1.1	12
112	Improved mesenchymal stem cell survival in ischemic heart through electroacupuncture. Chinese Journal of Integrative Medicine, 2013, 19, 573-581.	1.6	11
113	The Phenotypic Fate of Bone Marrow-Derived Stem Cells in Acute Kidney Injury. Cellular Physiology and Biochemistry, 2013, 32, 1517-1527.	1.6	11
114	Human Embryonic Stem Cell-Derived Endothelial Cells as Cellular Delivery Vehicles for Treatment of Metastatic Breast Cancer. Cell Transplantation, 2013, 22, 2079-2090.	2.5	11
115	Increased complements and high-sensitivity C-reactive protein predict heart failure in acute myocardial infarction. Biomedical Reports, 2016, 5, 761-765.	2.0	11
116	Bone Marrow Is a Reservoir for Cardiac Resident Stem Cells. Scientific Reports, 2016, 6, 28739.	3.3	11
117	Platelet extracellular vesicles enhance the proangiogenic potential of adipose-derived stem cells in vivo and in vitro. Stem Cell Research and Therapy, 2021, 12, 497.	5.5	11
118	Abstract 490: Enhanced Therapeutic Effects of MSC-derived Exosomes with an Injectable Hydrogel for Hindlimb Ischemia Treatment. Circulation Research, 2018, 123, .	4.5	11
119	Comparison of the treatment efficacy of umbilical mesenchymal stem cell transplantation via renal subcapsular and parenchymal routes in AKI-CKD mice. Stem Cell Research and Therapy, 2022, 13, 128.	5.5	11
120	Intravenously transplanted mesenchymal stromal cells: a new endocrine reservoir for cardioprotection. Stem Cell Research and Therapy, 2022, 13, .	5.5	11
121	IFN-Î³ mediates graft-versus-breast cancer effects via enhancing cytotoxic T lymphocyte activity. Experimental and Therapeutic Medicine, 2014, 8, 347-354.	1.8	10
122	Activating Transcription Factor 4 Promotes Angiogenesis of Breast Cancer through Enhanced Macrophage Recruitment. BioMed Research International, 2015, 2015, 1-8.	1.9	10
123	Knockout of zebrafish interleukin 7 receptor (IL7R) by the CRISPR/Cas9 system delays retinal neurodevelopment. Cell Death and Disease, 2018, 9, 273.	6.3	10
124	Extracellular vesicles derived from mesenchymal stem cells as a potential therapeutic agent in acute kidney injury (AKI) in felines: review and perspectives. Stem Cell Research and Therapy, 2021, 12, 504.	5.5	10
125	A supramolecular hydrogel based on the combination of YIGSR and RGD enhances mesenchymal stem cells paracrine function via integrin Î±2Î²1 and PI3K/AKT signaling pathway for acute kidney injury therapy. Chemical Engineering Journal, 2022, 436, 135088.	12.7	10
126	Identification, characterization and biological significance of very small embryonic-like stem cells (VSELs) in regenerative medicine. Histology and Histopathology, 2012, 27, 827-33.	0.7	10

#	Article	IF	Citations
127	The RGD-modified self-assembling D-form peptide hydrogel enhances the therapeutic effects of mesenchymal stem cells (MSC) for hindlimb ischemia by promoting angiogenesis. Chemical Engineering Journal, 2022, 450, 138004.	12.7	10
128	Tumor necrosis factorâ€Î± regulates matrix metalloproteinaseâ€2 expression and cell migration via ERK pathway in rat glomerular mesangial cells. Cell Biology International, 2014, 38, 1060-1068.	3.0	9
129	Down-regulation of interleukin 7 receptor (IL-7R) contributes to central nervous system demyelination. Oncotarget, 2017, 8, 28395-28407.	1.8	9
130	Inflammatory Human Umbilical Cord-Derived Mesenchymal Stem Cells Promote Stem Cell-Like Characteristics of Cancer Cells in an IL-1Î²-Dependent Manner. BioMed Research International, 2018, 2018, 1-12.	1.9	9
131	Dual Bioluminescence Imaging of Tumor Progression and Angiogenesis. Journal of Visualized Experiments, 2019, , .	0.3	9
132	Molecular Imaging of Therapeutic Effect of Mesenchymal Stem Cell-Derived Exosomes for Hindlimb Ischemia Treatment. Methods in Molecular Biology, 2019, 2150, 213-225.	0.9	9
133	The delivery of hsa-miR-11401 by extracellular vesicles can relieve doxorubicin-induced mesenchymal stem cell apoptosis. Stem Cell Research and Therapy, 2021, 12, 77.	5.5	9
134	High TSPAN8 expression in epithelial cancer cellâ€derived small extracellular vesicles promote confined diffusion and pronounced uptake. Journal of Extracellular Vesicles, 2021, 10, e12167.	12.2	9
135	Human embryonic stem cells-derived endothelial cell therapy facilitates kidney regeneration by stimulating renal resident stem cell proliferation in acute kidney injury. Science Bulletin, 2013, 58, 2820-2827.	1.7	8
136	Current Perspectives on Molecular Imaging for Tracking Stem Cell Therapy. , 0, , .		8
137	Angiogenesis. BioMed Research International, 2015, 2015, 1-2.	1.9	8
138	Noninvasive Imaging of Hypoxia-Inducible Factor-1Î± Gene Therapy for Myocardial Ischemia. Human Gene Therapy Methods, 2013, 24, 279-288.	2.1	7
139	Remarkable mechanical enhancement achieved by interfacial strengthening of organic/inorganic/fiber composites. Construction and Building Materials, 2017, 142, 7-10.	7.2	7
140	Arf6-mediated macropinocytosis-enhanced suicide gene therapy of C16TAB-condensed Tat/pDNA nanoparticles in ovarian cancer. Nanoscale, 2021, 13, 14538-14551.	5.6	7
141	Molecular Imaging of Tumor Angiogenesis and Therapeutic Effects with Dual Bioluminescence. Current Pharmaceutical Biotechnology, 2017, 18, 422-428.	1.6	7
142	Bioluminescence Imaging of Human Embryonic Stem Cell-Derived Endothelial Cells for Treatment of Myocardial Infarction. Methods in Molecular Biology, 2013, 1052, 203-215.	0.9	6
143	Interferon-Î³ alters the microRNA profile of umbilical cord-derived mesenchymal stem cells. Molecular Medicine Reports, 2016, 14, 4187-4197.	2.4	6
144	Stat3 phosphorylation is required for embryonic stem cells ground state maintenance in 2i culture media. Oncotarget, 2017, 8, 31227-31237.	1.8	6

#	Article	IF	Citations
145	The sustained PGE2 release matrix improves neovascularization and skeletal muscle regeneration in a hindlimb ischemia model. Journal of Nanobiotechnology, 2022, 20, 95.	9.1	6
146	Controlled nitric oxide release for tissue repair and regeneration. Turkish Journal of Biology, 2016, 40, 316-326.	0.8	5
147	Identification of Stem-Like Cells in Atrial Myxoma by Markers CD44, CD19, and CD45. Stem Cells International, 2016, 2016, 1-5.	2.5	5
148	Celecoxib Exerts a Therapeutic Effect Against Demyelination by Improving the Immune and Inflammatory Microenvironments . Journal of Inflammation Research, 2020, Volume 13, 1043-1055.	3.5	5
149	Dppa3 facilitates self-renewal of embryonic stem cells by stabilization of pluripotent factors. Stem Cell Research and Therapy, 2022, 13, 169.	5.5	5
150	Intravital microscopy imaging of kidney injury and regeneration. Renal Replacement Therapy, 2021, 7, .	0.7	4
151	Anti-inflammatory Effects of Mesenchymal Stem Cells and their Secretomes in Pneumonia. Current Pharmaceutical Biotechnology, 2022, 23, 1153-1167.	1.6	4
152	Differential expression of caveolin-1 in human myometrial and uterine leiomyoma smooth muscle. American Journal of Obstetrics and Gynecology, 2014, 211, 496.e1-496.e13.	1.3	3
153	Extracellular Matrix Enhances Therapeutic Effects of Stem Cells in Regenerative Medicine. , 0, , .		3
154	Maternal Factor Dppa3 Activates 2C-Like Genes and Depresses DNA Methylation in Mouse Embryonic Stem Cells. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	3
155	Phase dependent luminescent property of N,N-di(n-octyl)quinacridone crystals. Optical Materials, 2014, 37, 358-366.	3.6	2
156	Hydrogel-Based Strategies for Stem Cell Therapy. Gels Horizons: From Science To Smart Materials, 2018, , 87-112.	0.3	2
157	Multifaceted Optimization of MSC-Based Formulation upon Sodium Iodoacetate-Induced Osteoarthritis Models by Combining Advantageous HA/PG Hydrogel and Fluorescent Tracer. Stem Cells International, 2021, 2021, 1-13.	2.5	2
158	Isolation and Multiple Differentiation of Rat Pericardial Fluid Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 614826.	3.7	2
159	Perinatal Stem Cells in Kidney Regeneration: Current Knowledge and Perspectives. , 2019, , 141-166.		1
160	Traceable Therapeutic Strategy for Treatment of Breast Cancer with Mesenchymal Stem Cells (MSCs). Cancer Cell & Microenvironment, 0, , .	0.8	1
161	Current View on Hematopoiesis and Beyond. , 2018, , .		0
162	Proangiogenic Features of Perinatal Tissue-Derived Stem Cells in Cardiovascular Disease Therapy. , 2019, , 121-139.		0

#	Article	IF	Citations
163	Meet the Editor-in-Chief. Pharmaceutical Nanotechnology, 2021, 9, 165-165.	1.5	0
164	Applications of Decellularized Extracellular Matrix for Regenerative Medicine. , 2021, , 651-689.		0
165	Abstract 2464: Targeting liver cancer stem cells for molecular imaging and therapeutic application. , 2011, , .		0
166	Abstract 415: Human embryonic stem cell-derived endothelial cells as cellular delivery vehicles for targeting therapy of metastatic breast cancer. , 2012, , .		0
167	Molecular Imaging: The Key to Advancing Stem Cell Therapy. Translational Medicine Research, 2015, , 201-218.	0.0	0
168	Abstract 328: Enhanced Therapeutic Effects of Mesenchymal Stem Cells for Hindlimb Ischemia by a Nitric Oxide Hydrogel Through Mesenchymal-endothelial Transition. Circulation Research, 2020, 127, .	4.5	0
169	Therapeutic application of tumour cellâ€derived extracellular vesicles for drugâ€resistant cancer therapy via interleukin 6/signal transducer and activator of transcription 3 signalling pathway. Clinical and Translational Discovery, 2022, 2, .	0.5	0