Limin Rong

List of Publications by Year
in descending order

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35 papers	1,089 citations	430874 18 h-index	434195 31 g-index
40 all docs	40 docs citations	40 times ranked	1591 citing authors

#	Article	IF	Citations
1	Bone marrow mesenchymal stem cell-derived exosomes protect cartilage damage and relieve knee osteoarthritis pain in a rat model of osteoarthritis. Stem Cell Research and Therapy, 2020, 11, 276.	5.5	181
2	mTORC1 Prevents Preosteoblast Differentiation through the Notch Signaling Pathway. PLoS Genetics, 2015, 11, e1005426.	3.5	78
3	Tissue-Engineered Regeneration of Completely Transected Spinal Cord Using Induced Neural Stem Cells and Gelatin-Electrospun Poly (Lactide-Co-Glycolide)/Polyethylene Glycol Scaffolds. PLoS ONE, 2015, 10, e0117709.	2.5	75
4	Human Gingiva-Derived Mesenchymal Stem Cells Inhibit Xeno-Graft-versus-Host Disease via CD39â€“CD73â€“Adenosine and IDO Signals. Frontiers in Immunology, 2017, 8, 68.	4.8	71
5	Umbilical mesenchymal stem cell-derived exosomes facilitate spinal cord functional recovery through the miR-199a-3p/145-5p-mediated NGF/TrkA signaling pathway in rats. Stem Cell Research and Therapy, 2021, 12, 117.	5.5	59
6	Engineering Microenvironment for Endogenous Neural Regeneration after Spinal Cord Injury by Reassembling Extracellular Matrix. ACS Applied Materials & Interfaces, 2020, 12, 17207-17219.	8.0	56
7	Melatoninâ€mediated miRâ€526bâ€3p and miRâ€590â€5p upregulation promotes chondrogenic differentiation of human mesenchymal stem cells. Journal of Pineal Research, 2018, 65, e12483.	7.4	51
8	Comparison of combined anteriorâ€“posterior approach versus posterior-only approach in treating adolescent idiopathic scoliosis: a meta-analysis. European Spine Journal, 2016, 25, 363-371.	2.2	47
9	CD39 Produced from Human GMSCs Regulates the Balance of Osteoclasts and Osteoblasts through the Wnt/Î²-Catenin Pathway in Osteoporosis. Molecular Therapy, 2020, 28, 1518-1532.	8.2	45
10	Exosomes derived from miR-26a-modified MSCs promote axonal regeneration via the PTEN/AKT/mTOR pathway following spinal cord injury. Stem Cell Research and Therapy, 2021, 12, 224.	5.5	43
11	Effects and mechanisms of melatonin on neural differentiation of induced pluripotent stem cells. Biochemical and Biophysical Research Communications, 2016, 474, 566-571.	2.1	36
12	Decompression Alone Versus Decompression and Fusion for Lumbar Degenerative Spondylolisthesis: A Meta-Analysis. World Neurosurgery, 2018, 111, e165-e177.	1.3	28
13	Hidden and overall haemorrhage following minimally invasive and open transforaminal lumbar interbody fusion. Journal of Orthopaedics and Traumatology, 2017, 18, 395-400.	2.3	26
14	Interaction of iPSC-derived neural stem cells on poly(L-lactic acid) nanofibrous scaffolds for possible use in neural tissue engineering. International Journal of Molecular Medicine, 2018, 41, 697-708.	4.0	25
15	MicroRNA-135a-5p Promotes the Functional Recovery of Spinal Cord Injury by Targeting SP1 and ROCK. Molecular Therapy - Nucleic Acids, 2020, 22, 1063-1077.	5.1	25
16	Salvianolic acid B promotes neural differentiation of induced pluripotent stem cells via PI3K/AKT/GSK3Î²/Î²-catenin pathway. Neuroscience Letters, 2018, 671, 154-160.	2.1	24
17	Effects of Salvia miltiorrhiza on neural differentiation of induced pluripotent stem cells. Journal of Ethnopharmacology, 2014, 153, 233-241.	4.1	23
18	Long noncoding RNA UCA1 promotes chondrogenic differentiation of human bone marrow mesenchymal stem cells via miRNA-145-5p/SMAD5 and miRNA-124-3p/SMAD4 axis. Biochemical and Biophysical Research Communications, 2019, 514, 316-322.	2.1	20

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19	The nerve root sedimentation sign for differential diagnosis of lumbar spinal stenosis: a retrospective, consecutive cohort study. European Spine Journal, 2017, 26, 2512-2519.	2.2	17
20	Integrated analysis of competing endogenous RNA (ceRNA) networks in subacute stage of spinal cord injury. Gene, 2020, 726, 144171.	2.2	16
21	Percutaneous transforaminal full endoscopic decompression for the treatment of lumbar spinal stenosis. BMC Musculoskeletal Disorders, 2020, 21, 546.	1.9	16
22	Enhanced recovery after surgery (ERAS) pathway for microendoscopy-assisted minimally invasive transforaminal lumbar interbody fusion. Clinical Neurology and Neurosurgery, 2020, 196, 106003.	1.4	15
23	Melatonin contributes to the hypertrophic differentiation of mesenchymal stem cell-derived chondrocytes via activation of the Wnt/Î²-catenin signaling pathway. Stem Cell Research and Therapy, 2021, 12, 467.	5.5	13
24	PKC-Î´ deficiency in B cells displays osteopenia accompanied with upregulation of RANKL expression and osteoclastâ€“osteoblast uncoupling. Cell Death and Disease, 2020, 11, 762.	6.3	12
25	Vitamin D Deficiency/Insufficiency Is Associated with Risk of Osteoporotic Thoracolumbar Junction Vertebral Fractures. Medical Science Monitor, 2019, 25, 8260-8268.	1.1	12
26	Effects and mechanisms of matrix metalloproteinase2 on neural differentiation of induced pluripotent stem cells. Brain Research, 2018, 1678, 407-418.	2.2	10
27	Macrophage polarization induced by sustained release of 7,8-DHF from aligned PLLA fibers potentially for neural stem cell neurogenesis. Materials Science and Engineering C, 2021, 118, 111415.	7.3	10
28	Machine Learning-based Prediction of Prolonged Intensive Care Unit Stay for Critical Patients with Spinal Cord Injury. Spine, 2022, 47, E390-E398.	2.0	10
29	Risk Factors for Poor Outcomes Following Minimally Invasive Discectomy: A Post Hoc Subgroup Analysis of 2-Year Follow-up Prospective Data. Neurospine, 2022, 19, 224-235.	2.9	10
30	Melatonin promotes neuroprotection of induced pluripotent stem cells-derived neural stem cells subjected to H2O2-induced injury in vitro. European Journal of Pharmacology, 2018, 825, 143-150.	3.5	8
31	Free vitamin D correlate better with bone mineral density and thoracolumbar junction osteoporotic vertebral fractures than serum vitamin D. BMC Musculoskeletal Disorders, 2020, 21, 164.	1.9	8
32	Clinical and Radiographic Results of a Minimally Invasive Lateral Transpsoas Approach for Treatment of Septic Spondylodiscitis of the Thoracolumbar and Lumbar Spine. World Neurosurgery, 2018, 116, e48-e56.	1.3	4
33	A novel indication for a method in the treatment of lumbar tuberculosis through minimally invasive extreme lateral interbody fusion (XLIF) in combination with percutaneous pedicle screws fixation in an elderly patient. Medicine (United States), 2016, 95, e5303.	1.0	4
34	On-demand release of the small-molecule TrkB agonist improves neuron-Schwann cell interactions. Journal of Controlled Release, 2022, 343, 482-491.	9.9	4
35	Answer to the Letter to the Editor of A. Gardner concerning â€œComparison of combined anterior-posterior approach versus posterior-only approach in treating adolescent idiopathic scoliosis: a meta-analysisâ€•by Chen Z, Rong L (2016) Eur Spine J;25(2):363â€“371. European Spine Journal, 2016, 25, 3766-3767.	2.2	0