

Guangzhi Ning

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,361
citations

471509

17
h-index

361022

35
g-index

50
all docs

50
docs citations

50
times ranked

1329
citing authors

#	ARTICLE	IF	CITATIONS
1	Microenvironment Imbalance of Spinal Cord Injury. <i>Cell Transplantation</i> , 2018, 27, 853-866.	2.5	281
2	Metformin limits osteoarthritis development and progression through activation of AMPK signalling. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 635-645.	0.9	124
3	Programmed cell death in spinal cord injury pathogenesis and therapy. <i>Cell Proliferation</i> , 2021, 54, e12992.	5.3	101
4	Outcomes and complications of percutaneous versus open repair of acute Achilles tendon rupture: A meta-analysis. <i>International Journal of Surgery</i> , 2017, 40, 178-186.	2.7	95
5	Transforaminal endoscopic discectomy versus conventional microdiscectomy for lumbar disc herniation: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 169.	2.3	57
6	All-trans retinoic acid prevents epidural fibrosis through NF- κ B signaling pathway in post-laminectomy rats. <i>Neuropharmacology</i> , 2014, 79, 275-281.	4.1	52
7	The role of the JAK-STAT pathway in neural stem cells, neural progenitor cells and reactive astrocytes after spinal cord injury. <i>Biomedical Reports</i> , 2015, 3, 141-146.	2.0	52
8	Effects of therapeutic ultrasound for knee osteoarthritis: a systematic review and meta-analysis. <i>Clinical Rehabilitation</i> , 2019, 33, 1863-1875.	2.2	47
9	Identification of a circRNA-miRNA-mRNA network to explore the effects of circRNAs on pathogenesis and treatment of spinal cord injury. <i>Life Sciences</i> , 2020, 257, 118039.	4.3	41
10	ERK2 small interfering RNAs prevent epidural fibrosis via the efficient inhibition of collagen expression and inflammation in laminectomy rats. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 395-400.	2.1	31
11	Human umbilical cord blood stem cells for spinal cord injury: early transplantation results in better local angiogenesis. <i>Regenerative Medicine</i> , 2013, 8, 271-281.	1.7	30
12	Surgical strategies for ossified ligamentum flavum associated with dural ossification in thoracic spinal stenosis. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 2102-2106.	1.5	30
13	Contact Separation Triboelectric Nanogenerator Based Neural Interfacing for Effective Sciatic Nerve Restoration. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	30
14	Signatures of altered long noncoding RNAs and messenger RNAs expression in the early acute phase of spinal cord injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 8918-8927.	4.1	27
15	Increasing toll-like receptor 2 on astrocytes induced by Schwann cell-derived exosomes promotes recovery by inhibiting CSPGs deposition after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 172.	7.2	27
16	Identification of circ-FAM169A sponges miR-583 involved in the regulation of intervertebral disc degeneration. <i>Journal of Orthopaedic Translation</i> , 2021, 26, 121-131.	3.9	25
17	Low-intensity pulsed ultrasound regulates proliferation and differentiation of neural stem cells through notch signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 793-798.	2.1	22
18	Autophagy induced by Schwann cell-derived exosomes promotes recovery after spinal cord injury in rats. <i>Biotechnology Letters</i> , 2022, 44, 129-142.	2.2	21

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19	miR-223p enhances the intrinsic regenerative abilities of primary sensory neurons via the CBL/p-EGFR/p-STAT3/GAP43/p-GAP43 axis. <i>Journal of Cellular Physiology</i> , 2020, 235, 4605-4617.	4.1	20
20	Lower incidence of postdural puncture headache using whitacre spinal needles after spinal anesthesia: A meta-analysis. <i>Headache</i> , 2016, 56, 501-510.	3.9	18
21	Low-frequency pulsed electromagnetic field promotes functional recovery, reduces inflammation and oxidative stress, and enhances HSP70 expression following spinal cord injury. <i>Molecular Medicine Reports</i> , 2019, 19, 1687-1693.	2.4	18
22	miR-155-5p Promotes Dorsal Root Ganglion Neuron Axonal Growth in an Inhibitory Microenvironment via the cAMP/PKA Pathway. <i>International Journal of Biological Sciences</i> , 2019, 15, 1557-1570.	6.4	17
23	The spatial arrangement of cells in a 3D-printed biomimetic spinal cord promotes directional differentiation and repairs the motor function after spinal cord injury. <i>Biofabrication</i> , 2021, 13, 045016.	7.1	17
24	The potential role and trend of HIF-1 α in intervertebral disc degeneration: Friend or foe? (Review). <i>Molecular Medicine Reports</i> , 2021, 23, .	2.4	16
25	Sorafenib promotes sensory conduction function recovery via miR-142-3p/AC9/cAMP axis post dorsal column injury. <i>Neuropharmacology</i> , 2019, 148, 347-357.	4.1	15
26	c-Jun Amino-Terminal Kinase is Involved in Valproic Acid-Mediated Neuronal Differentiation of Mouse Embryonic NSCs and Neurite Outgrowth of NSC-Derived Neurons. <i>Neurochemical Research</i> , 2017, 42, 1254-1266.	3.3	14
27	Potential of different cells-derived exosomal microRNA cargos for treating spinal cord injury. <i>Journal of Orthopaedic Translation</i> , 2021, 31, 33-40.	3.9	14
28	The application of machine learning algorithms in predicting the length of stay following femoral neck fracture. <i>International Journal of Medical Informatics</i> , 2021, 155, 104572.	3.3	13
29	MicroRNA-197 regulates chondrocyte proliferation, migration, and inflammation in pathogenesis of osteoarthritis by targeting EIF4G2. <i>Bioscience Reports</i> , 2020, 40, .	2.4	13
30	shRNA against <i>PTEN</i> promotes neurite outgrowth of cortical neurons and functional recovery in spinal cord contusion rats. <i>Regenerative Medicine</i> , 2015, 10, 411-429.	1.7	11
31	Epidemiological profile of thoracolumbar fracture (TLF) over a period of 10 years in Tianjin, China. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 178-183.	1.4	10
32	Exosomes-mediated phenotypic switch of macrophages in the immune microenvironment after spinal cord injury. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112311.	5.6	10
33	A novel, minimally invasive technique to establish the animal model of spinal cord injury. <i>Annals of Translational Medicine</i> , 2021, 9, 881-881.	1.7	9
34	Meta-analysis of heparin therapy for preventing venous thromboembolism in acute spinal cord injury. <i>International Journal of Surgery</i> , 2017, 43, 94-100.	2.7	8
35	Urapidil, compared to nitroglycerin, has better clinical safety in the treatment of hypertensive patients with acute heart failure: a meta-analysis. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 161-172.	4.3	8
36	Ketamine versus ketamine pluses atropine for pediatric sedation: A meta-analysis. <i>American Journal of Emergency Medicine</i> , 2018, 36, 1280-1286.	1.6	7

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37	Identification of differentially expressed proteins in rats with spinal cord injury during the transitional phase using an iTRAQ-based quantitative analysis. <i>Gene</i> , 2018, 677, 66-76.	2.2	7
38	A modified protocol for the isolation, culture, and cryopreservation of rat embryonic neural stem cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 156.	1.8	7
39	A Pilot Study of Parameter-Optimized Low-Intensity Pulsed Ultrasound Stimulation for the Bone Marrow Mesenchymal Stem Cells Viability Improvement. <i>Computational and Mathematical Methods in Medicine</i> , 2019, 2019, 1-11.	1.3	4
40	Bioinformatics analysis of genes associated with the patchy-type alopecia areata: CD2 may be a new therapeutic target. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2020, 164, 380-386.	0.6	4
41	X-irradiation for inhibiting glial scar formation in injured spinal cord. <i>Neural Regeneration Research</i> , 2013, 8, 1582-9.	3.0	2
42	Correlation Analysis Between Magnetic Resonance Imaging-Based Anatomical Assessment and Behavioral Outcome in a Rat Contusion Model of Chronic Thoracic Spinal Cord Injury. <i>Frontiers in Neuroscience</i> , 2022, 16, 838786.	2.8	1
43	A modified protocol for the isolation, culture, and cryopreservation of rat embryonic neural stem cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 156.	1.8	0