

Shi-Qing Feng

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

2,751
citations

201674

27
h-index

243625

44
g-index

97
all docs

97
docs citations

97
times ranked

2779
citing authors

#	ARTICLE	IF	CITATIONS
1	Microenvironment Imbalance of Spinal Cord Injury. <i>Cell Transplantation</i> , 2018, 27, 853-866.	2.5	281
2	Deferoxamine promotes recovery of traumatic spinal cord injury by inhibiting ferroptosis. <i>Neural Regeneration Research</i> , 2019, 14, 532.	3.0	162
3	Epidemiology of worldwide spinal cord injury: a literature review. <i>Journal of Neurorestoration</i> , 0, Volume 6, 1-9.	2.5	151
4	Programmed cell death in spinal cord injury pathogenesis and therapy. <i>Cell Proliferation</i> , 2021, 54, e12992.	5.3	101
5	Ferroptosis inhibitor SRS 16-86 attenuates ferroptosis and promotes functional recovery in contusion spinal cord injury. <i>Brain Research</i> , 2019, 1706, 48-57.	2.2	95
6	Transplantation of Autologous Activated Schwann Cells in the Treatment of Spinal Cord Injury: Six Cases, more than Five Years of Follow-up. <i>Cell Transplantation</i> , 2012, 21, 39-47.	2.5	94
7	Liproxstatin-1 is an effective inhibitor of oligodendrocyte ferroptosis induced by inhibition of glutathione peroxidase 4. <i>Neural Regeneration Research</i> , 2021, 16, 561.	3.0	83
8	Polycaprolactone electrospun fiber scaffold loaded with iPSCs-NSCs and ASCs as a novel tissue engineering scaffold for the treatment of spinal cord injury. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6265-6277.	6.7	64
9	Progression in translational research on spinal cord injury based on microenvironment imbalance. <i>Bone Research</i> , 2022, 10, 35.	11.4	64
10	Neuroprotective effect of deferoxamine on erastin-induced ferroptosis in primary cortical neurons. <i>Neural Regeneration Research</i> , 2020, 15, 1539.	3.0	59
11	Epidemiological profile of 239 traumatic spinal cord injury cases over a period of 12 years in Tianjin, China. <i>Journal of Spinal Cord Medicine</i> , 2011, 34, 388-394.	1.4	58
12	Single-bundle or double-bundle for anterior cruciate ligament reconstruction: A meta-analysis. <i>Knee</i> , 2014, 21, 28-37.	1.6	58
13	Transforaminal endoscopic discectomy versus conventional microdiscectomy for lumbar discherniation: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 169.	2.3	57
14	Comparative Efficacy and Tolerability of Three Treatments in Old People with Osteoporotic Vertebral Compression Fracture: A Network Meta-Analysis and Systematic Review. <i>PLoS ONE</i> , 2015, 10, e0123153.	2.5	56
15	Circular RNA GRB10 as a competitive endogenous RNA regulating nucleus pulposus cells death in degenerative intervertebral disk. <i>Cell Death and Disease</i> , 2018, 9, 319.	6.3	54
16	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
17	Efficacy and safety of tension band wiring versus plate fixation in olecranon fractures: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 137.	2.3	51
18	Prevalence and risk factors of deep vein thrombosis in patients after spine surgery: a retrospective case-cohort study. <i>Scientific Reports</i> , 2015, 5, 11834.	3.3	44

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19	Bone marrow mesenchymal stem cells stimulated with low-intensity pulsed ultrasound: Better choice of transplantation treatment for spinal cord injury. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 496-508.	3.9	41
20	Rivaroxaban for thromboprophylaxis after total hip or knee arthroplasty: a meta-analysis with trial sequential analysis of randomized controlled trials. <i>Scientific Reports</i> , 2016, 6, 23726.	3.3	38
21	Mechanisms underlying the promotion of functional recovery by deferoxamine after spinal cord injury in rats. <i>Neural Regeneration Research</i> , 2017, 12, 959.	3.0	38
22	CXCL12/CXCR4/CXCR7 Chemokine Axis in the Central Nervous System: Therapeutic Targets for Remyelination in Demyelinating Diseases. <i>Neuroscientist</i> , 2017, 23, 627-648.	3.5	37
23	Tanezumab for Patients with Osteoarthritis of the Knee: A Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0157105.	2.5	36
24	Epidemiology of traumatic spinal cord injury in Tianjin, China: An 18-year retrospective study of 735 cases. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 778-785.	1.4	31
25	Contact Separation Triboelectric Nanogenerator Based Neural Interfacing for Effective Sciatic Nerve Restoration. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	30
26	Comparison of Bone Mineral Density in Lumbar Spine and Fracture Rate among Eight Drugs in Treatments of Osteoporosis in Men: A Network Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0128032.	2.5	29
27	Time-dependent differential expression of long non-coding RNAs following peripheral nerve injury. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1381-1392.	4.0	29
28	Nafamostat mesilate attenuates inflammation and apoptosis and promotes locomotor recovery after spinal cord injury. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 429-438.	3.9	28
29	Dysregulated MiR-3150a-3p Promotes Lumbar Intervertebral Disc Degeneration by Targeting Aggrecan. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 2506-2515.	1.6	28
30	Neurotrophin exerts neuroprotective effects after spinal cord injury by inhibiting apoptosis and modulating cytokines. <i>Journal of Orthopaedic Translation</i> , 2021, 26, 74-83.	3.9	28
31	Long non-coding RNA NONMMUG014387 promotes Schwann cell proliferation after peripheral nerve injury. <i>Neural Regeneration Research</i> , 2017, 12, 2084.	3.0	28
32	Targeting RPTP β with lentiviral shRNA promotes neurites outgrowth of cortical neurons and improves functional recovery in a rat spinal cord contusion model. <i>Brain Research</i> , 2014, 1586, 46-63.	2.2	27
33	Gene expression profile identifies potential biomarkers for human intervertebral disc degeneration. <i>Molecular Medicine Reports</i> , 2017, 16, 8665-8672.	2.4	27
34	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
35	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
36	Brain-derived neurotrophic factor precursor in the immune system is a novel target for treating multiple sclerosis. <i>Theranostics</i> , 2021, 11, 715-730.	10.0	24

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37	Anterior inferior plating versus superior plating for clavicle fracture: a meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 159.	1.9	23
38	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
39	PEITC promotes neurite growth in primary sensory neurons via the miR-17-5p/STAT3/GAP-43 axis. <i>Journal of Drug Targeting</i> , 2019, 27, 82-93.	4.4	21
40	miR-142-3p is a Potential Therapeutic Target for Sensory Function Recovery of Spinal Cord Injury. <i>Medical Science Monitor</i> , 2015, 21, 2553-2556.	1.1	21
41	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
42	miR-22-3p 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
43	Open versus endoscopic in situ decompression in cubital tunnel syndrome: A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2016, 35, 104-110.	2.7	19
44	Regeneration of spinal cord with cell and gene therapy. <i>Orthopaedic Surgery</i> , 2009, 1, 153-163.	1.8	17
45	New approach to treating spinal cord injury using PEG-TAT-modified, cyclosporine-A-loaded PLGA/polymeric liposomes. <i>Journal of Drug Targeting</i> , 2017, 25, 75-82.	4.4	17
46	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
47	Minimally invasive percutaneous plates versus conventional fixation techniques for distal tibial fractures: A meta-analysis. <i>International Journal of Surgery</i> , 2017, 38, 52-60.	2.7	16
48	Comparison of DNA Methylation in Schwann Cells before and after Peripheral Nerve Injury in Rats. <i>BioMed Research International</i> , 2017, 2017, 1-12.	1.9	16
49	Docetaxel versus docetaxel plus cisplatin for non-small-cell lung cancer: a meta-analysis of randomized clinical trials. <i>Oncotarget</i> , 2017, 8, 57365-57378.	1.8	16
50	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
51	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
52	Upregulated Ras/Raf/ERK1/2 signaling pathway: a new hope in the repair of spinal cord injury. <i>Neural Regeneration Research</i> , 2015, 10, 792.	3.0	15
53	Edaravone Modulates Neuronal GPX4/ACSL4/5-LOX to Promote Recovery After Spinal Cord Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	14
54	Gene expression analysis at multiple time-points identifies key genes for nerve regeneration. <i>Muscle and Nerve</i> , 2017, 55, 373-383.	2.2	13

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55	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
56	Signatures of altered DNA methylation gene expression after central and peripheral nerve injury. <i>Journal of Cellular Physiology</i> , 2020, 235, 5171-5181.	4.1	12
57	Delayed administration of nafamostat mesylate inhibits thrombin-mediated bloodâ€“spinal cord barrier breakdown during acute spinal cord injury in rats. <i>Journal of Neuroinflammation</i> , 2022, 19, .	7.2	12
58	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
59	Cervical disc arthroplasty for symptomatic cervical disc disease: Traditional and Bayesian meta-analysis with trial sequential analysis. <i>International Journal of Surgery</i> , 2016, 35, 111-119.	2.7	11
60	Which is best for osteoporotic vertebral compression fractures: balloon kyphoplasty, percutaneous vertebroplasty or non-surgical treatment? A study protocol for a Bayesian network meta-analysis. <i>BMJ Open</i> , 2017, 7, e012937.	1.9	11
61	The association of rs11190870 near <i>LBX1</i> with the susceptibility and severity of AIS, a meta-analysis. <i>International Journal of Surgery</i> , 2018, 54, 193-200.	2.7	11
62	Bioinformatic Analysis of Neuroimmune Mechanism of Neuropathic Pain. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	11
63	Guideline for diagnosis and treatment of spine trauma in the epidemic of COVID-19. <i>Chinese Journal of Traumatology - English Edition</i> , 2020, 23, 196-201.	1.4	11
64	Multifunctional biomimetic spinal cord: New approach to repair spinal cord injuries. <i>World Journal of Experimental Medicine</i> , 2017, 7, 78.	1.7	11
65	The Carcinogenicity of Alendronate in Patients with Osteoporosis: Evidence from Cohort Studies. <i>PLoS ONE</i> , 2015, 10, e0123080.	2.5	10
66	Abnormal DNA Methylation in Thoracic Spinal Cord Tissue Following Transection Injury. <i>Medical Science Monitor</i> , 2018, 24, 8878-8890.	1.1	10
67	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
68	Low-dose metformin treatment in the subacute phase improves the locomotor function of a mouse model of spinal cord injury. <i>Neural Regeneration Research</i> , 2021, 16, 2234.	3.0	10
69	Identification of microRNAome in rat bladder reveals miR-1949 as a potential inducer of bladder cancer following spinal cord injury. <i>Molecular Medicine Reports</i> , 2015, 12, 2849-2857.	2.4	9
70	Oligodendrocyte differentiation from human neural stem cells: A novel role for c-Src. <i>Neurochemistry International</i> , 2018, 120, 21-32.	3.8	9
71	Neurotrophin-4 induces myelin protein zero expression in cultured Schwann cells via the TrkB/PI3K/Akt/mTORC1 pathway. <i>Animal Cells and Systems</i> , 2017, 21, 84-92.	2.2	8
72	Comparison of Mobi-C Cervical Disc Arthroplasty Versus Fusion for the Treatment of Symptomatic Cervical Degenerative Disc Disease. <i>World Neurosurgery</i> , 2018, 114, e224-e239.	1.3	8

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73	Identification of four genes and biological characteristics associated with acute spinal cord injury in rats integrated bioinformatics analysis. <i>Annals of Translational Medicine</i> , 2021, 9, 570-570.	1.7	8
74	The emerging role of circular RNAs in spinal cord injury. <i>Journal of Orthopaedic Translation</i> , 2021, 30, 1-5.	3.9	8
75	MicroRNA changes of bone marrow-derived mesenchymal stem cells differentiated into neuronal-like cells by Schwann cell-conditioned medium. <i>Neural Regeneration Research</i> , 2019, 14, 1462.	3.0	8
76	iTRAQ-based proteomics profiling of Schwann cells before and after peripheral nerve injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 832-841.	1.0	8
77	Exploring the key genes and pathways in enchondromas using a gene expression microarray. <i>Oncotarget</i> , 2017, 8, 43967-43977.	1.8	7
78	Application value of biofluid-based biomarkers for the diagnosis and treatment of spinal cord injury. <i>Neural Regeneration Research</i> , 2022, 17, 963.	3.0	7
79	Stem cell-based therapies to treat spinal cord injury: a review. <i>Journal of Neurorestoratology</i> , 0, Volume 5, 125-131.	2.5	6
80	Exploring the Key Genes and Pathways in the Formation of Corneal Scar Using Bioinformatics Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	6
81	miR-496/MMP10 Is Involved in the Proliferation of IL-1 β -Induced Fibroblast-Like Synoviocytes Via Mediating the NF- κ B Signaling Pathway. <i>Inflammation</i> , 2021, 44, 1359-1369.	3.8	6
82	Proteomic and bioinformatic analyses of spinal cord injury-induced skeletal muscle atrophy in rats. <i>Molecular Medicine Reports</i> , 2016, 14, 165-174.	2.4	5
83	Study on the relationship between vitamin D deficiency and susceptibility to spinal tuberculosis. <i>International Journal of Surgery</i> , 2017, 44, 99-103.	2.7	5
84	Cytokine expressions of spinal cord injury treated by neurotrophin and nafamostat mesylate. <i>Annals of Translational Medicine</i> , 2021, 9, 489-489.	1.7	5
85	Bioinformatic identification of key candidate genes and pathways in axon regeneration after spinal cord injury in zebrafish. <i>Neural Regeneration Research</i> , 2020, 15, 103.	3.0	5
86	Identification of key genes involved in recovery from spinal cord injury in adult zebrafish. <i>Neural Regeneration Research</i> , 2022, 17, 1334.	3.0	5
87	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
88	Weighted gene co-expression network analysis reveals that CXCL10, IRF7, MX1, RSAD2, and STAT1 are related to the chronic stage of spinal cord injury. <i>Annals of Translational Medicine</i> , 2021, 9, 1248-1248.	1.7	4
89	Identification of adhesion-associated DNA methylation patterns in the peripheral nervous system. <i>Experimental and Therapeutic Medicine</i> , 2020, 21, 48.	1.8	3
90	Differential expression of miRNAs in Osborne's ligament of cubital tunnel syndrome. <i>Molecular Medicine Reports</i> , 2017, 16, 687-695.	2.4	1

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91	Neurorestoratologic Strategies and Mechanisms in the Nervous System. BioMed Research International, 2015, 2015, 1-1.	1.9	0
92	Identification of adhesion-associated DNA methylation patterns in the peripheral nervous system. Experimental and Therapeutic Medicine, 2021, 21, 48.	1.8	0