

Xue-Wen Kang

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

798
citations

623734

14
h-index

580821

25
g-index

44
all docs

44
docs citations

44
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	NF- κ B signalling pathways in nucleus pulposus cell function and intervertebral disc degeneration. <i>Cell Proliferation</i> , 2021, 54, e13057.	5.3	116
2	Sirtuins and intervertebral disc degeneration: Roles in inflammation, oxidative stress, and mitochondrial function. <i>Clinica Chimica Acta</i> , 2020, 508, 33-42.	1.1	100
3	Mesenchymal stem cell-derived exosomes: therapeutic opportunities and challenges for spinal cord injury. <i>Stem Cell Research and Therapy</i> , 2021, 12, 102.	5.5	95
4	Rosmarinic acid exerts a neuroprotective effect on spinal cord injury by suppressing oxidative stress and inflammation via modulating the Nrf2/HO-1 and TLR4/NF- κ B pathways. <i>Toxicology and Applied Pharmacology</i> , 2020, 397, 115014.	2.8	61
5	The PI3K/AKT signalling pathway in inflammation, cell death and glial scar formation after traumatic spinal cord injury: Mechanisms and therapeutic opportunities. <i>Cell Proliferation</i> , 2022, 55, .	5.3	53
6	Rosmarinic acid exerts an anticancer effect on osteosarcoma cells by inhibiting DJ-1 via regulation of the PTEN-PI3K-Akt signaling pathway. <i>Phytomedicine</i> , 2020, 68, 153186.	5.3	44
7	The effect of tourniquet uses on total blood loss, early function, and pain after primary total knee arthroplasty. <i>Bone and Joint Research</i> , 2020, 9, 322-332.	3.6	33
8	Progress in clinical trials of cell transplantation for the treatment of spinal cord injury: how many questions remain unanswered?. <i>Neural Regeneration Research</i> , 2021, 16, 405.	3.0	30
9	2-arachidonyl glycerol modulates astrocytic glutamine synthetase via p38 and ERK1/2 pathways. <i>Journal of Neuroinflammation</i> , 2018, 15, 220.	7.2	22
10	Periostin: An Emerging Molecule With a Potential Role in Spinal Degenerative Diseases. <i>Frontiers in Medicine</i> , 2021, 8, 694800.	2.6	19
11	Grape seed proanthocyanidins protect PC12 cells from hydrogen peroxide-induced damage via the PI3K/AKT signaling pathway. <i>Neuroscience Letters</i> , 2021, 750, 135793.	2.1	18
12	Experimental study of β -TCP scaffold loaded with VAN/PLGA microspheres in the treatment of infectious bone defects. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 213, 112424.	5.0	18
13	Periostin: an emerging activator of multiple signaling pathways. <i>Journal of Cell Communication and Signaling</i> , 2022, 16, 515-530.	3.4	18
14	Correlation analysis between the pulmonary function test and the radiological parameters of the main right thoracic curve in adolescent idiopathic scoliosis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 443.	2.3	15
15	N-acetylserotonin protects PC12 cells from hydrogen peroxide induced damage through ROS mediated PI3K / AKT pathway. <i>Cell Cycle</i> , 2022, 21, 2268-2282.	2.6	14
16	A New Hope in Spinal Degenerative Diseases: Piezo1. <i>BioMed Research International</i> , 2021, 2021, 1-19.	1.9	12
17	Research progress on the regulatory role of microRNAs in spinal cord injury. <i>Regenerative Medicine</i> , 2021, 16, 465-476.	1.7	12
18	Intervertebral Disc Degeneration Models for Pathophysiology and Regenerative Therapy -Benefits and Limitations. <i>Journal of Investigative Surgery</i> , 2022, 35, 935-952.	1.3	12

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19	Proanthocyanidins inhibit the apoptosis and aging of nucleus pulposus cells through the PI3K/Akt pathway delaying intervertebral disc degeneration. <i>Connective Tissue Research</i> , 2022, 63, 650-662.	2.3	11
20	Periostin promotes nucleus pulposus cells apoptosis by activating the Wnt/ β -catenin signaling pathway. <i>FASEB Journal</i> , 2022, 36, .	0.5	10
21	Nrf2 Signaling in the Oxidative Stress Response After Spinal Cord Injury. <i>Neuroscience</i> , 2022, 498, 311-324.	2.3	10
22	Aplasia Ras homologue member I overexpression inhibits tumor growth and induces apoptosis through inhibition of PI3K/Akt survival pathways in human osteosarcoma MG-63 cells in culture. <i>International Journal of Molecular Medicine</i> , 2015, 36, 776-782.	4.0	9
23	Protein Kinase A Is Involved in Neuropathic Pain by Activating the p38MAPK Pathway to Mediate Spinal Cord Cell Apoptosis. <i>Mediators of Inflammation</i> , 2020, 2020, 1-17.	3.0	9
24	Natural Products of Pharmacology and Mechanisms in Nucleus Pulposus Cells and Intervertebral Disc Degeneration. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-22.	1.2	8
25	BRD4 Inhibition Suppresses Senescence and Apoptosis of Nucleus Pulposus Cells by Inducing Autophagy during Intervertebral Disc Degeneration: An In Vitro and In Vivo Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-27.	4.0	8
26	Diacerein Loaded Poly (Styrene Sulfonate) and Carbon Nanotubes Injectable Hydrogel: An Effective Therapy for Spinal Cord Injury Regeneration. <i>Journal of Cluster Science</i> , 2023, 34, 565-576.	3.3	6
27	Role of Nrf2 and HO-1 in intervertebral disc degeneration. <i>Connective Tissue Research</i> , 2022, 63, 559-576.	2.3	6
28	Therapeutic Effect of Exosomes Derived From Stem Cells in Spinal Cord Injury: A Systematic Review Based on Animal Studies. <i>Frontiers in Neurology</i> , 2022, 13, 847444.	2.4	5
29	Different Types of Double-Level Degenerative Lumbar Spondylolisthesis: What Is Different in the Sagittal Plane?. <i>World Neurosurgery</i> , 2021, 150, e127-e134.	1.3	4
30	Single-segment central lumbar spinal stenosis: Correlation with lumbar X-ray measurements. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2021, 34, 581-587.	1.1	4
31	Research progress and prospects of tissue engineering scaffolds for spinal cord injury repair and protection. <i>Regenerative Medicine</i> , 2019, 14, 887-898.	1.7	3
32	Identification of Key mRNAs and lncRNAs Associated with the Effects of Anti-TWEAK on Osteosarcoma. <i>Current Bioinformatics</i> , 2021, 16, 154-161.	1.5	3
33	Slow skeletal muscle troponin T, titin and myosin light chain 3 are candidate prognostic biomarkers for Ewing's sarcoma. <i>Oncology Letters</i> , 2019, 18, 6431-6442.	1.8	3
34	Surgical Treatment of Ankylosing Spondylitis with Andersson Lesion. <i>Journal of the College of Physicians and Surgeons--Pakistan: JCPSP</i> , 2019, 29, S135-S137.	0.4	3
35	Two new mixed-ligand Cu(II) coordination polymers: Synthesis, crystal structures and nanosizing for inhibiting spinal tumor activity evaluation. <i>Main Group Chemistry</i> , 2019, 18, 263-271.	0.8	1
36	Trapezoidal Vertebral Body and Spine-Pelvis Sagittal Alignment in Patients with Lumbar Spondylolisthesis. <i>Medical Science Monitor</i> , 2020, 26, e927747.	1.1	1

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37	Postoperative changes in rib cage deviation in adolescent idiopathic scoliosis. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2022, 35, 677-686.	1.1	1
38	The limited area decompression, intervertebral fusion, and pedicle screw fixation for treating degenerative lumbar spinal stenosis with instability. <i>Medicine (United States)</i> , 2019, 98, e18277.	1.0	0