

Huajiang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,006
citations

471509

17
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1301
citing authors

#	ARTICLE	IF	CITATIONS
1	Fever as a rare combined symptom of degenerative cervical myelopathy: a case report and literature review. <i>British Journal of Neurosurgery</i> , 2024, 38, 84-87.	0.8	0
2	Application of a new integrated low-profile anterior plate and cage system in single-level cervical spondylosis: a preliminary retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 26.	2.3	4
3	Intervertebral-spreader-assisted anterior cervical discectomy and fusion prevents postoperative axial pain by alleviating facet joint pressure. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 91.	2.3	6
4	Bi-Needle PELD with Intra-Discal Irrigation Technique for the Management of Lumbar Disc Herniation.. <i>Pain Physician</i> , 2022, 25, E309-E317.	0.4	0
5	Integrated transcriptome and proteome analyses identify novel regulatory network of nucleus pulposus cells in intervertebral disc degeneration. <i>BMC Medical Genomics</i> , 2021, 14, 40.	1.5	8
6	The Heterogeneity of Infiltrating Macrophages in Metastatic Osteosarcoma and Its Correlation with Immunotherapy. <i>Journal of Oncology</i> , 2021, 2021, 1-13.	1.3	6
7	<i>Lactobacillus paracasei</i> S16 Alleviates Lumbar Disc Herniation by Modulating Inflammation Response and Gut Microbiota. <i>Frontiers in Nutrition</i> , 2021, 8, 701644.	3.7	14
8	Chondroitin synthase β regulates nucleus pulposus degeneration through actin α -induced YAP signaling. <i>FASEB Journal</i> , 2020, 34, 16581-16600.	0.5	13
9	Transcriptomics Study to Determine the Molecular Mechanism by which sIL-13R α 2-Fc Inhibits Caudal Intervertebral Disc Degeneration in Rats. <i>BioMed Research International</i> , 2020, 2020, 1-13.	1.9	4
10	The relationship between preoperative cervical sagittal balance and clinical outcome of laminoplasty treated cervical ossification of the posterior longitudinal ligament patients. <i>Spine Journal</i> , 2020, 20, 1422-1429.	1.3	23
11	Sensory nerves regulate mesenchymal stromal cell lineage commitment by tuning sympathetic tones. <i>Journal of Clinical Investigation</i> , 2020, 130, 3483-3498.	8.2	65
12	Nrf2 drives oxidative stress-induced autophagy in nucleus pulposus cells via a Keap1/Nrf2/p62 feedback loop to protect intervertebral disc from degeneration. <i>Cell Death and Disease</i> , 2019, 10, 510.	6.3	146
13	Preoperative and Intraoperative Skull Traction Combined with Anterior-Only Cervical Operation in the Treatment of Severe Cervical Kyphosis (>50 Degrees). <i>World Neurosurgery</i> , 2019, 130, e915-e925.	1.3	5
14	The relationship between preoperative factors and the presence of intramedullary increased signal intensity on T2-weighted magnetic resonance imaging in patients with cervical spondylotic myelopathy. <i>Clinical Neurology and Neurosurgery</i> , 2019, 178, 1-6.	1.4	9
15	Effect of sIL-13R α 2-Fc on the progression of rat tail intervertebral disc degeneration. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 386.	2.3	7
16	Prostaglandin E2 mediates sensory nerve regulation of bone homeostasis. <i>Nature Communications</i> , 2019, 10, 181.	12.8	152
17	Virtual surgery simulation versus traditional approaches in training of residents in cervical pedicle screw placement. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 777-782.	2.4	36
18	Role of Visuohaptic Surgical Training Simulator in Resident Education of Orthopedic Surgery. <i>World Neurosurgery</i> , 2018, 111, e98-e104.	1.3	36

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19	Effectiveness of the Thoracic Pedicle Screw Placement Using the Virtual Surgical Training System: A Cadaver Study. <i>Operative Neurosurgery</i> , 2018, 15, 677-685.	0.8	25
20	TGF β ² Stimulates Expression of Chondroitin Polymerizing Factor in Nucleus Pulposus Cells Through the Smad3, RhoA/ROCK1, and MAPK Signaling Pathways. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 566-579.	2.6	25
21	Nicotinamide Phosphoribosyltransferase Inhibitor APO866 Prevents IL-1 β -Induced Human Nucleus Pulposus Cell Degeneration via Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 2463-2482.	1.6	27
22	Interleukin-17 upregulates vascular endothelial growth factor by activating the JAK/STAT pathway in nucleus pulposus cells. <i>Joint Bone Spine</i> , 2017, 84, 327-334.	1.6	21
23	A predictive bone drilling force model for haptic rendering with experimental validation using fresh cadaveric bone. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 91-98.	2.8	16
24	Inflammatory microRNA-194 and -515 attenuate the biosynthesis of chondroitin sulfate during human intervertebral disc degeneration. <i>Oncotarget</i> , 2017, 8, 49303-49317.	1.8	28
25	Inflammatory cytokines induce caveolin-1 β -catenin signalling in rat nucleus pulposus cell apoptosis through the p38 <sc>MAPK</sc> pathway. <i>Cell Proliferation</i> , 2016, 49, 362-372.	5.3	65
26	Comparative analysis of clinical outcomes between zero-profile implant and cages with plate fixation in treating multilevel cervical spondilotic myelopathy: A three-year follow-up. <i>Clinical Neurology and Neurosurgery</i> , 2016, 144, 72-76.	1.4	32
27	Heme oxygenase-1 attenuates IL-1 β induced alteration of anabolic and catabolic activities in intervertebral disc degeneration. <i>Scientific Reports</i> , 2016, 6, 21190.	3.3	33
28	TGF- β ² Induces Up-Regulation of Chondroitin Sulfate Synthase 1 (CHSY1) in Nucleus Pulposus Cells Through MAPK Signaling. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 793-804.	1.6	21
29	MiR-34a promotes Fas-mediated cartilage endplate chondrocyte apoptosis by targeting Bcl-2. <i>Molecular and Cellular Biochemistry</i> , 2015, 406, 21-30.	3.1	48
30	Incidence and risk factors analysis of heterotopic ossification after cervical disc replacement. <i>Chinese Medical Journal</i> , 2014, 127, 3871-5.	2.3	5
31	MiR-27a Regulates Apoptosis in Nucleus Pulposus Cells by Targeting PI3K. <i>PLoS ONE</i> , 2013, 8, e75251.	2.5	87
32	Preoperative Scoring Systems and Prognostic Factors for Patients With Spinal Metastases From Hepatocellular Carcinoma. <i>Spine</i> , 2010, 35, E1339-E1346.	2.0	39