

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 | Prostaglandin E2 mediates sensory nerve regulation of bone homeostasis. <i>Nature Communications</i> , 2019, 10, 181. | 12.8 | 152 |
| 2 | 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 |
| 3 | MiR-27a Regulates Apoptosis in Nucleus Pulposus Cells by Targeting PI3K. <i>PLoS ONE</i> , 2013, 8, e75251. | 2.5 | 87 |
| 4 | Inflammatory cytokines induce caveolin-1/catenin signalling in rat nucleus pulposus cell apoptosis through the p38 MAPK pathway. <i>Cell Proliferation</i> , 2016, 49, 362-372. | 5.3 | 65 |
| 5 | 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 |
| 6 | 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 |
| 7 | Preoperative Scoring Systems and Prognostic Factors for Patients With Spinal Metastases From Hepatocellular Carcinoma. <i>Spine</i> , 2010, 35, E1339-E1346. | 2.0 | 39 |
| 8 | 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 |
| 9 | Role of Visuohaptic Surgical Training Simulator in Resident Education of Orthopedic Surgery. <i>World Neurosurgery</i> , 2018, 111, e98-e104. | 1.3 | 36 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | <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 |
| 21 | Chondroitin synthase ϵ 3 regulates nucleus pulposus degeneration through actin ϵ induced YAP signaling. <i>FASEB Journal</i> , 2020, 34, 16581-16600. | 0.5 | 13 |
| 22 | 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 |
| 23 | 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 |
| 24 | Effect of sIL-13R ϵ 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Incidence and risk factors analysis of heterotopic ossification after cervical disc replacement. <i>Chinese Medical Journal</i> , 2014, 127, 3871-5. | 2.3 | 5 |
| 29 | Transcriptomics Study to Determine the Molecular Mechanism by which sIL-13R ϵ 2-Fc Inhibits Caudal Intervertebral Disc Degeneration in Rats. <i>BioMed Research International</i> , 2020, 2020, 1-13. | 1.9 | 4 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |