

Bo Huang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

947
citations

567281

15
h-index

580821

25
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26
all docs

26
docs citations

26
times ranked

1256
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS: Crucial Intermediators in the Pathogenesis of Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	244
2	Disc cell senescence in intervertebral disc degeneration: Causes and molecular pathways. <i>Cell Cycle</i> , 2016, 15, 1674-1684.	2.6	202
3	Establishment and Implementation of an Enhanced Recovery After Surgery (ERAS) Pathway Tailored for Minimally Invasive Transforaminal Lumbar Interbody Fusion Surgery. <i>World Neurosurgery</i> , 2019, 129, e317-e323.	1.3	58
4	Oxygen-Sensing Nox4 Generates Genotoxic ROS to Induce Premature Senescence of Nucleus Pulposus Cells through MAPK and NF- κ B Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	4.0	47
5	Distinguishing characteristics of stem cells derived from different anatomical regions of human degenerated intervertebral discs. <i>European Spine Journal</i> , 2016, 25, 2691-2704.	2.2	41
6	MIF Plays a Key Role in Regulating Tissue-Specific Chondro-Osteogenic Differentiation Fate of Human Cartilage Endplate Stem Cells under Hypoxia. <i>Stem Cell Reports</i> , 2016, 7, 249-262.	4.8	39
7	Study to determine the presence of progenitor cells in the degenerated human cartilage endplates. <i>European Spine Journal</i> , 2012, 21, 613-622.	2.2	32
8	Autophagy mediates serum starvation-induced quiescence in nucleus pulposus stem cells by the regulation of P27. <i>Stem Cell Research and Therapy</i> , 2019, 10, 118.	5.5	28
9	Matrix stiffness promotes cartilage endplate chondrocyte calcification in disc degeneration via miR-20a targeting ANKH expression. <i>Scientific Reports</i> , 2016, 6, 25401.	3.3	27
10	The matrikine N-acetylated proline-glycine-proline induces premature senescence of nucleus pulposus cells via CXCR1-dependent ROS accumulation and DNA damage and reinforces the destructive effect of these cells on homeostasis of intervertebral discs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 220-230.	3.8	25
11	Cyclic mechanical tension reinforces DNA damage and activates the p53-p21-Rb pathway to induce premature senescence of nucleus pulposus cells. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3316-3326.	4.0	25
12	Primary non-Hodgkin's lymphoma of the lumbar vertebrae mimicking tuberculous spondylitis: a case report. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009, 129, 1621-1625.	2.4	24
13	Collagen-Derived N-Acetylated Proline-Glycine-Proline in Intervertebral Discs Modulates CXCR1/2 Expression and Activation in Cartilage Endplate Stem Cells to Induce Migration and Differentiation Toward a Pro-Inflammatory Phenotype. <i>Stem Cells</i> , 2015, 33, 3558-3568.	3.2	23
14	A positive feedback loop between EZH2 and NOX4 regulates nucleus pulposus cell senescence in age-related intervertebral disc degeneration. <i>Cell Division</i> , 2020, 15, 2.	2.4	18
15	Repairing the ruptured annular fibrosus by using type I collagen combined with citric acid, EDC and NHS: an in vivo study. <i>European Spine Journal</i> , 2017, 26, 884-893.	2.2	17
16	Mesenchymal stem cells regulate mechanical properties of human degenerated nucleus pulposus cells through SDF-1/CXCR4/AKT axis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1961-1968.	4.1	15
17	Non-erythropoietic erythropoietin-derived peptide protects mice from systemic lupus erythematosus. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3330-3339.	3.6	15
18	Cartilage intermediate layer protein affects the progression of intervertebral disc degeneration by regulating the extracellular microenvironment (Review). <i>International Journal of Molecular Medicine</i> , 2020, 47, 475-484.	4.0	13

#	ARTICLE	IF	CITATIONS
19	Comparison of Hybrid Surgery Incorporating Anterior Cervical Discectomy and Fusion and Artificial Arthroplasty versus Multilevel Fusion for Multilevel Cervical Spondylosis: A Meta-Analysis. <i>Medical Science Monitor</i> , 2015, 21, 4057-4067.	1.1	11
20	An enhanced recovery after surgery pathway: LOS reduction, rapid discharge and minimal complications after anterior cervical spine surgery. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 252.	1.9	11
21	The effects of lung and prostate cancer bone metastasis on serum osteoprotegerin levels: a meta-analysis. <i>Scientific Reports</i> , 2016, 5, 18324.	3.3	9
22	Molecular basis of degenerative spinal disorders from a proteomic perspective (Review). <i>Molecular Medicine Reports</i> , 2020, 21, 9-19.	2.4	9
23	Autophagy protects nucleus pulposus cells from cyclic mechanical tension-induced apoptosis. <i>International Journal of Molecular Medicine</i> , 2019, 44, 750-758.	4.0	8
24	Clinical outcomes of minimally invasive transforaminal lumbar interbody fusion via a novel tubular retractor. <i>Journal of International Medical Research</i> , 2020, 48, 030006052092009.	1.0	5