Bo Huang

List of Publications by Year
in descending order

24 papers	947 citations	567281 15 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	1256 citing authors

#	Article	IF	Citations
1	An enhanced recovery after surgery pathway: LOS reduction, rapid discharge and minimal complications after anterior cervical spine surgery. BMC Musculoskeletal Disorders, 2022, 23, 252.	1.9	11
2	Clinical outcomes of minimally invasive transforaminal lumbar interbody fusion via a novel tubular retractor. Journal of International Medical Research, 2020, 48, 030006052092009.	1.0	5
3	A positive feedback loop between EZH2 and NOX4 regulates nucleus pulposus cell senescence in age-related intervertebral disc degeneration. Cell Division, 2020, 15, 2.	2.4	18
4	Molecular basis of degenerative spinal disorders from a proteomic perspective (Review). Molecular Medicine Reports, 2020, 21, 9-19.	2.4	9
5	Cartilage intermediate layer protein affects the progression of intervertebral disc degeneration by regulating the extracellular microenvironment (Review). International Journal of Molecular Medicine, 2020, 47, 475-484.	4.0	13
6	Establishment and Implementation of an Enhanced Recovery After Surgery (ERAS) Pathway Tailored for Minimally Invasive Transforaminal Lumbar Interbody Fusion Surgery. World Neurosurgery, 2019, 129, e317-e323.	1.3	58
7	Autophagy mediates serum starvation-induced quiescence in nucleus pulposus stem cells by the regulation of P27. Stem Cell Research and Therapy, 2019, 10, 118.	5.5	28
8	Autophagy protects nucleus pulposus cells from cyclic mechanical tensionâ€'induced apoptosis. International Journal of Molecular Medicine, 2019, 44, 750-758.	4.0	8
9	Nonâ€erythropoietic erythropoietinâ€derived peptide protects mice from systemic lupus erythematosus. Journal of Cellular and Molecular Medicine, 2018, 22, 3330-3339.	3.6	15
10	Cyclic mechanical tension reinforces DNA damage and activates the p53-p21-Rb pathway to induce premature senescence of nucleus pulposus cells. International Journal of Molecular Medicine, 2018, 41, 3316-3326.	4.0	25
11	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. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 220-230.	3.8	25
12	Repairing the ruptured annular fibrosus by using type I collagen combined with citric acid, EDC and NHS: an in vivo study. European Spine Journal, 2017, 26, 884-893.	2.2	17
13	Oxygen-Sensing Nox4 Generates Genotoxic ROS to Induce Premature Senescence of Nucleus Pulposus Cells through MAPK and NF-Î²B Pathways. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-15.	4.0	47
14	ROS: Crucial Intermediators in the Pathogenesis of Intervertebral Disc Degeneration. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	4.0	244
15	Disc cell senescence in intervertebral disc degeneration: Causes and molecular pathways. Cell Cycle, 2016, 15, 1674-1684.	2.6	202
16	Mesenchymal stem cells regulate mechanical properties of human degenerated nucleus pulposus cells through SDF-1/CXCR4/AKT axis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1961-1968.	4.1	15
17	MIF Plays a Key Role in Regulating Tissue-Specific Chondro-Osteogenic Differentiation Fate of Human Cartilage Endplate Stem Cells under Hypoxia. Stem Cell Reports, 2016, 7, 249-262.	4.8	39
18	The effects of lung and prostate cancer bone metastasis on serum osteoprotegerin levels: a meta-analysis. Scientific Reports, 2016, 5, 18324.	3.3	9

#	Article	IF	Citations
19	Matrix stiffness promotes cartilage endplate chondrocyte calcification in disc degeneration via miR-20a targeting ANKH expression. Scientific Reports, 2016, 6, 25401.	3.3	27
20	Distinguishing characteristics of stem cells derived from different anatomical regions of human degenerated intervertebral discs. European Spine Journal, 2016, 25, 2691-2704.	2.2	41
21	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. Stem Cells, 2015, 33, 3558-3568.	3.2	23
22	Comparison of Hybrid Surgery Incorporating Anterior Cervical Discectomy and Fusion and Artificial Arthroplasty versus Multilevel Fusion for Multilevel Cervical Spondylosis: A Meta-Analysis. Medical Science Monitor, 2015, 21, 4057-4067.	1.1	11
23	Study to determine the presence of progenitor cells in the degenerated human cartilage endplates. European Spine Journal, 2012, 21, 613-622.	2.2	32
24	Primary non-Hodgkinâ€™s lymphoma of the lumbar vertebrae mimicking tuberculous spondylitis: a case report. Archives of Orthopaedic and Trauma Surgery, 2009, 129, 1621-1625.	2.4	24