

# Zhihua Han

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,547  
citations

623188

14  
h-index

395343

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2196  
citing authors

#	ARTICLE	IF	CITATIONS
1	c-Jun N-terminal kinase is required for metalloproteinase expression and joint destruction in inflammatory arthritis. <i>Journal of Clinical Investigation</i> , 2001, 108, 73-81.	3.9	696
2	Combining electrical stimulation and tissue engineering to treat large bone defects in a rat model. <i>Scientific Reports</i> , 2018, 8, 6307.	1.6	134
3	MicroRNA-9 Inhibits NLRP3 Inflammasome Activation in Human Atherosclerosis Inflammation Cell Models through the JAK1/STAT Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1555-1571.	1.1	92
4	Dominant-negative p53 mutations in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1999, 42, 1088-1092.	6.7	91
5	Injectable microcryogels reinforced alginate encapsulation of mesenchymal stromal cells for leak-proof delivery and alleviation of canine disc degeneration. <i>Biomaterials</i> , 2015, 59, 53-65.	5.7	91
6	Time course of traumatic neuroma development. <i>PLoS ONE</i> , 2018, 13, e0200548.	1.1	64
7	Electrical stimulation shifts healing/scarring towards regeneration in a rat limb amputation model. <i>Scientific Reports</i> , 2019, 9, 11433.	1.6	36
8	Electrical stimulation-based bone fracture treatment, if it works so well why do not more surgeons use it?. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 245-264.	0.8	35
9	Quantitative T2 Magnetic Resonance Imaging Compared to Morphological Grading of the Early Cervical Intervertebral Disc Degeneration: An Evaluation Approach in Asymptomatic Young Adults. <i>PLoS ONE</i> , 2014, 9, e87856.	1.1	33
10	Galectin-3-induced oxidized low-density lipoprotein promotes the phenotypic transformation of vascular smooth muscle cells. <i>Molecular Medicine Reports</i> , 2015, 12, 4995-5002.	1.1	33
11	Histological Scoring Method to Assess Bone Healing in Critical Size Bone Defect Models. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 272-279.	1.1	33
12	The effects of human Wharton's jelly cell transplantation on the intervertebral disc in a canine disc degeneration model. <i>Stem Cell Research and Therapy</i> , 2015, 6, 154.	2.4	27
13	Single-Cell Integration Analysis of Heterotopic Ossification and Fibrocartilage Developmental Lineage: Endoplasmic Reticulum Stress Effector Xbp1 Transcriptionally Regulates the Notch Signaling Pathway to Mediate Fibrocartilage Differentiation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-29.	1.9	23
14	Quantitative T2 relaxation time and magnetic transfer ratio predict endplate biochemical content of intervertebral disc degeneration in a canine model. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 157.	0.8	22
15	Galectin-3 induces the phenotype transformation of human vascular smooth muscle cells via the canonical Wnt signaling. <i>Molecular Medicine Reports</i> , 2017, 15, 3840-3846.	1.1	16
16	Aberrantly expressed messenger RNAs and long noncoding RNAs in degenerative nucleus pulposus cells co-cultured with adipose-derived mesenchymal stem cells. <i>Arthritis Research and Therapy</i> , 2018, 20, 182.	1.6	14
17	Effects of Stromal Cell-Derived Factor-1 Secreted in Degenerative Intervertebral Disc on Activation and Recruitment of Nucleus Pulposus-Derived Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	13
18	A graphical guide for constructing a finite element model of the cervical spine with digital orthopedic software. <i>Annals of Translational Medicine</i> , 2021, 9, 169-169.	0.7	13

#	ARTICLE	IF	CITATIONS
19	Evaluation of intervertebral disc regeneration with injection of mesenchymal stem cells encapsulated in PEGDA-microcryogel delivery system using quantitative T2 mapping: a study in canines. American Journal of Translational Research (discontinued), 2019, 11, 2028-2041.	0.0	9
20	Human Wharton's Jelly Cells Activate Degenerative Nucleus Pulposus Cells <i>In Vitro</i> . Tissue Engineering - Part A, 2018, 24, 1035-1043.	1.6	8
21	Apparent Diffusion Coefficient of Diffusion-Weighted Imaging in Evaluation of Cervical Intervertebral Disc Degeneration: An Observational Study with 3.0T Magnetic Resonance Imaging. BioMed Research International, 2018, 2018, 1-7.	0.9	8
22	Role of Adult Tissue-Derived Pluripotent Stem Cells in Bone Regeneration. Stem Cell Reviews and Reports, 2020, 16, 198-211.	1.7	8
23	Total Hip Arthroplasty or Hemiarthroplasty for Hip Fracture. New England Journal of Medicine, 2020, 382, 1072-1074.	13.9	8
24	Clinical trial reporting. Lancet, The, 2020, 396, 1488-1489.	6.3	6
25	Effects of Electrical Stimulation on Stem Cells. Current Stem Cell Research and Therapy, 2020, 15, 441-448.	0.6	6
26	Quantitative magnetic resonance imaging for diagnosis of intervertebral disc degeneration of the cervico-thoracic junction: a pilot study. American Journal of Translational Research (discontinued), 2018, 10, 925-935.	0.0	6
27	Feasibility of T2 Mapping and Magnetic Transfer Ratio for Diagnosis of Intervertebral Disc Degeneration at the Cervicothoracic Junction: A Pilot Study. BioMed Research International, 2019, 2019, 1-9.	0.9	5
28	Correlation between Galectin-3 and Adverse Outcomes in Myocardial Infarction Patients: A Meta-Analysis. Cardiology Research and Practice, 2020, 2020, 1-7.	0.5	5
29	Inferior displacement of greater tuberosity fracture suggests an occult humeral neck fracture: a retrospective single-centre study. International Orthopaedics, 2019, 43, 1429-1434.	0.9	3
30	Axial Micromotion Locking Plate Construct Can Promote Faster and Stronger Bone Healing in an Ovine Osteotomy Model. Frontiers in Bioengineering and Biotechnology, 2020, 8, 593448.	2.0	3
31	Comprehensive RNA expression profile of therapeutic adipose-derived mesenchymal stem cells co-cultured with degenerative nucleus pulposus cells. Molecular Medicine Reports, 2021, 23, .	1.1	3
32	Establishment and Initial Testing of a Medium-Sized, Surgically Feasible Animal Model for Brucellar Spondylodiscitis: A Preliminary Study. BioMed Research International, 2019, 2019, 1-8.	0.9	2
33	Different inner fixation strategies for Neer type II and type V lateral clavicular fractures. European Journal of Orthopaedic Surgery and Traumatology, 2020, 30, 183-184.	0.6	1