Zhihua Han

List of Publications by Year in descending order

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33	1,547	623188	395343
papers	citations	14 h-index	33 g-index

35	35	35	2196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A graphical guide for constructing a finite element model of the cervical spine with digital orthopedic software. Annals of Translational Medicine, 2021, 9, 169-169.	0.7	13
2	Comprehensive RNA expression profile of therapeutic adiposeâ€derived mesenchymal stem cells coâ€cultured with degenerative nucleus pulposus cells. Molecular Medicine Reports, 2021, 23, .	1.1	3
3	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. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-29.	1.9	23
4	Electrical stimulation-based bone fracture treatment, if it works so well why do not more surgeons use it?. European Journal of Trauma and Emergency Surgery, 2020, 46, 245-264.	0.8	35
5	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
6	Role of Adult Tissue-Derived Pluripotent Stem Cells in Bone Regeneration. Stem Cell Reviews and Reports, 2020, 16, 198-211.	1.7	8
7	Clinical trial reporting. Lancet, The, 2020, 396, 1488-1489.	6.3	6
8	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
9	Total Hip Arthroplasty or Hemiarthroplasty for Hip Fracture. New England Journal of Medicine, 2020, 382, 1072-1074.	13.9	8
10	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
11	Effects of Electrical Stimulation on Stem Cells. Current Stem Cell Research and Therapy, 2020, 15, 441-448.	0.6	6
12	Electrical stimulation shifts healing/scarring towards regeneration in a rat limb amputation model. Scientific Reports, 2019, 9, 11433.	1.6	36
13	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
14	Inferior displacement of greater tuberosity fracture suggestsÂan occult humeral neck fracture: a retrospective single-centre study. International Orthopaedics, 2019, 43, 1429-1434.	0.9	3
15	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
16	Effects of Stromal Cell-Derived Factor-1Î± Secreted in Degenerative Intervertebral Disc on Activation and Recruitment of Nucleus Pulposus-Derived Stem Cells. Stem Cells International, 2019, 2019, 1-14.	1.2	13
17	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
18	Histological Scoring Method to Assess Bone Healing in Critical Size Bone Defect Models. Tissue Engineering - Part C: Methods, 2018, 24, 272-279.	1.1	33

#	Article	IF	Citations
19	Combining electrical stimulation and tissue engineering to treat large bone defects in a rat model. Scientific Reports, 2018, 8, 6307.	1.6	134
20	Human Wharton's Jelly Cells Activate Degenerative Nucleus Pulposus CellsIn Vitro. 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 3.0â€‰T Magnetic Resonance Imaging. BioMed Research International, 2018, 2018, 1-7.	0.9	8
22	Time course of traumatic neuroma development. PLoS ONE, 2018, 13, e0200548.	1.1	64
23	Aberrantly expressed messengerÂRNAs and long noncoding RNAs in degenerative nucleus pulposus cells co-cultured with adipose-derived mesenchymal stem cells. Arthritis Research and Therapy, 2018, 20, 182.	1.6	14
24	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
25	MicroRNA-9 Inhibits NLRP3 Inflammasome Activation in Human Atherosclerosis Inflammation Cell Models through the JAK1/STAT Signaling Pathway. Cellular Physiology and Biochemistry, 2017, 41, 1555-1571.	1.1	92
26	Galectin-3 induces the phenotype transformation of human vascular smooth muscle cells via the canonical Wnt signaling. Molecular Medicine Reports, 2017, 15, 3840-3846.	1.1	16
27	Galectin-3-induced oxidized low-density lipoprotein promotes the phenotypic transformation of vascular smooth muscle cells. Molecular Medicine Reports, 2015, 12, 4995-5002.	1.1	33
28	Injectable microcryogels reinforced alginate encapsulation ofÂmesenchymal stromal cells for leak-proof delivery andÂalleviationÂofÂcanine disc degeneration. Biomaterials, 2015, 59, 53-65.	5.7	91
29	Quantitative T2 relaxation time and magnetic transfer ratio predict endplate biochemical content of intervertebral disc degeneration in a canine model. BMC Musculoskeletal Disorders, 2015, 16, 157.	0.8	22
30	The effects of human Whartonâ€™s jelly cell transplantation on the intervertebral disc in a canine disc degeneration model. Stem Cell Research and Therapy, 2015, 6, 154.	2.4	27
31	Quantitative T2 Magnetic Resonance Imaging Compared to Morphological Grading of the Early Cervical Intervertebral Disc Degeneration: An Evaluation Approach in Asymptomatic Young Adults. PLoS ONE, 2014, 9, e87856.	1.1	33
32	c-Jun N-terminal kinase is required for metalloproteinase expression and joint destruction in inflammatory arthritis. Journal of Clinical Investigation, 2001, 108, 73-81.	3.9	696
33	Dominant-negative p53 mutations in rheumatoid arthritis. Arthritis and Rheumatism, 1999, 42, 1088-1092.	6.7	91