Fuyou Wang

List of Publications by Year
in descending order

27 papers	533 citations	933447 10 h-index	677142 22 g-index
29 all docs	29 docs citations	29 times ranked	782 citing authors

#	Article	IF	Citations
1	LncRNA MALAT1 promotes osteoarthritis by modulating miR-150-5p/AKT3 axis. Cell and Bioscience, 2019, 9, 54.	4.8	120
2	Engineering zonal cartilage through bioprinting collagen type II hydrogel constructs with biomimetic chondrocyte density gradient. BMC Musculoskeletal Disorders, 2016, 17, 301.	1.9	97
3	Histomorphometric analysis of adult articular calcified cartilage zone. Journal of Structural Biology, 2009, 168, 359-365.	2.8	61
4	Wnt/Î²-Catenin Signaling Regulates the Proliferation and Differentiation of Mesenchymal Progenitor Cells through the p53 Pathway. PLoS ONE, 2014, 9, e97283.	2.5	39
5	Identifying the Functional Flexion-extension Axis of the Knee: An In-Vivo Kinematics Study. PLoS ONE, 2015, 10, e0128877.	2.5	34
6	Effects of vimentin disruption on the mechanoresponses of articular chondrocyte. Biochemical and Biophysical Research Communications, 2016, 469, 132-137.	2.1	19
7	Altered spontaneous calcium signaling of in situ chondrocytes in human osteoarthritic cartilage. Scientific Reports, 2017, 7, 17093.	3.3	16
8	Application of 3D-Printed Personalized Guide in Arthroscopic Ankle Arthrodesis. BioMed Research International, 2018, 2018, 1-8.	1.9	15
9	Contribution of PTHrP to mechanical strain-induced fibrochondrogenic differentiation in entheses of Achilles tendon of miniature pigs. Journal of Biomechanics, 2014, 47, 2406-2414.	2.1	14
10	Effect of anterior cruciate ligament rupture on secondary damage to menisci and articular cartilage. Knee, 2016, 23, 102-105.	1.6	13
11	Scaffold With Natural Calcified Cartilage Zone for Osteochondral Defect Repair in Minipigs. American Journal of Sports Medicine, 2021, 49, 1883-1891.	4.2	11
12	Highly Porous 3D Printed Tantalum Scaffolds Have Better Biomechanical and Microstructural Properties than Titanium Scaffolds. BioMed Research International, 2021, 2021, 1-8.	1.9	11
13	Three-dimensional printed implant for reconstruction of pelvic bone after removal of giant chondrosarcoma: a case report. Journal of International Medical Research, 2020, 48, 030006052091727.	1.0	10
14	Influence of the image levels of distal femur on the measurement of tibial tubercle-trochlear groove distanceâ€"a comparative study. Journal of Orthopaedic Surgery and Research, 2015, 10, 174.	2.3	8
15	Knee alignment in the transverse plane during weight-bearing activity and its implication for the tibial rotational alignment in total knee arthroplasty. Clinical Biomechanics, 2015, 30, 565-571.	1.2	8
16	Three-dimensional printed porous tantalum prosthesis for treating inflammation after total knee arthroplasty in one-stage surgery â€“ a case report. Journal of International Medical Research, 2020, 48, 030006051989128.	1.0	8
17	Personalized three-dimensional printed polyether-ether-ketone prosthesis for reconstruction after subtotal removal of chronic clavicle osteomyelitis. Medicine (United States), 2021, 100, e25703.	1.0	8
18	How Do Axial Scan Orientation Deviations Affect the Measurements of Knee Anatomical Parameters Associated with Patellofemoral Instability? A Simulated Computed Tomography Study. Journal of Knee Surgery, 2018, 31, 425-432.	1.6	7

#	Article	IF	Citations
19	Treatment of massive iliac chondrosarcoma with personalized three-dimensional printed tantalum implant: a case report and literature review. Journal of International Medical Research, 2020, 48, 030006052095950.	1.0	7
20	In Vivo MRI Tracking of Polyethylenimine-Wrapped Superparamagnetic Iron Oxide Nanoparticleâ€"Labeled BMSCs for Cartilage Repair. Cartilage, 2013, 4, 75-82.	2.7	5
21	Chondromodulin-I expression and correlation with angiogenesis in human osteoarthritic cartilage. Molecular Medicine Reports, 2017, 16, 2142-2148.	2.4	5
22	Magnetic-targeting of polyethylenimine-wrapped iron oxide nanoparticle labeled chondrocytes in a rabbit articular cartilage defect model. RSC Advances, 2018, 8, 7633-7640.	3.6	5
23	Observation of Solute Transport between Articular Cartilage and Subchondral Bone in Live Mice. Cartilage, 2021, 13, 398S-407S.	2.7	4
24	Study on anti-osteosarcoma activity of ethanol extract of Venenum bufonis in vitro. African Journal of Traditional Complementary and Alternative Medicines, 2014, 11, 73-7.	0.2	3
25	Hydrogel composed of type II collagen, chondroitin sulfate and hyaluronic acid for cartilage tissue engineering. Bio-Medical Materials and Engineering, 2022, 33, 515-523.	0.6	2
26	A Study on Construction of Finite Element Model and Stress Analysis of Anterior Cruciate Ligament Tibial Insertion. Pakistan Journal of Medical Sciences, 1969, 31, 632-6.	0.6	1
27	One-step strategy for chondral defect repair. Frontiers in Bioscience - Landmark, 2019, 24, 628-647.	3.0	0