

Fuyou Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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	Hydrogel composed of type II collagen, chondroitin sulfate and hyaluronic acid for cartilage tissue engineering. <i>Bio-Medical Materials and Engineering</i> , 2022, 33, 515-523.	0.6	2
2	Observation of Solute Transport between Articular Cartilage and Subchondral Bone in Live Mice. <i>Cartilage</i> , 2021, 13, 398S-407S.	2.7	4
3	Personalized three-dimensional printed polyether-ether-ketone prosthesis for reconstruction after subtotal removal of chronic clavicle osteomyelitis. <i>Medicine (United States)</i> , 2021, 100, e25703.	1.0	8
4	Scaffold With Natural Calcified Cartilage Zone for Osteochondral Defect Repair in Minipigs. <i>American Journal of Sports Medicine</i> , 2021, 49, 1883-1891.	4.2	11
5	Highly Porous 3D Printed Tantalum Scaffolds Have Better Biomechanical and Microstructural Properties than Titanium Scaffolds. <i>BioMed Research International</i> , 2021, 2021, 1-8.	1.9	11
6	Three-dimensional printed porous tantalum prosthesis for treating inflammation after total knee arthroplasty in one-stage surgery – a case report. <i>Journal of International Medical Research</i> , 2020, 48, 030006051989128.	1.0	8
7	Treatment of massive iliac chondrosarcoma with personalized three-dimensional printed tantalum implant: a case report and literature review. <i>Journal of International Medical Research</i> , 2020, 48, 030006052095950.	1.0	7
8	Three-dimensional printed implant for reconstruction of pelvic bone after removal of giant chondrosarcoma: a case report. <i>Journal of International Medical Research</i> , 2020, 48, 030006052091727.	1.0	10
9	LncRNA MALAT1 promotes osteoarthritis by modulating miR-150-5p/AKT3 axis. <i>Cell and Bioscience</i> , 2019, 9, 54.	4.8	120
10	One-step strategy for chondral defect repair. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 628-647.	3.0	0
11	Magnetic-targeting of polyethylenimine-wrapped iron oxide nanoparticle labeled chondrocytes in a rabbit articular cartilage defect model. <i>RSC Advances</i> , 2018, 8, 7633-7640.	3.6	5
12	How Do Axial Scan Orientation Deviations Affect the Measurements of Knee Anatomical Parameters Associated with Patellofemoral Instability? A Simulated Computed Tomography Study. <i>Journal of Knee Surgery</i> , 2018, 31, 425-432.	1.6	7
13	Application of 3D-Printed Personalized Guide in Arthroscopic Ankle Arthrodesis. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	15
14	Altered spontaneous calcium signaling of in situ chondrocytes in human osteoarthritic cartilage. <i>Scientific Reports</i> , 2017, 7, 17093.	3.3	16
15	Chondromodulin-I expression and correlation with angiogenesis in human osteoarthritic cartilage. <i>Molecular Medicine Reports</i> , 2017, 16, 2142-2148.	2.4	5
16	Effects of vimentin disruption on the mechanoresponses of articular chondrocyte. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 132-137.	2.1	19
17	Engineering zonal cartilage through bioprinting collagen type II hydrogel constructs with biomimetic chondrocyte density gradient. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 301.	1.9	97
18	Effect of anterior cruciate ligament rupture on secondary damage to menisci and articular cartilage. <i>Knee</i> , 2016, 23, 102-105.	1.6	13

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19	Influence of the image levels of distal femur on the measurement of tibial tubercle-trochlear groove distance—a comparative study. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 174.	2.3	8
20	Knee alignment in the transverse plane during weight-bearing activity and its implication for the tibial rotational alignment in total knee arthroplasty. <i>Clinical Biomechanics</i> , 2015, 30, 565-571.	1.2	8
21	Identifying the Functional Flexion-extension Axis of the Knee: An In-Vivo Kinematics Study. <i>PLoS ONE</i> , 2015, 10, e0128877.	2.5	34
22	Wnt/ β 2-Catenin Signaling Regulates the Proliferation and Differentiation of Mesenchymal Progenitor Cells through the p53 Pathway. <i>PLoS ONE</i> , 2014, 9, e97283.	2.5	39
23	Contribution of PTHrP to mechanical strain-induced fibrochondrogenic differentiation in entheses of Achilles tendon of miniature pigs. <i>Journal of Biomechanics</i> , 2014, 47, 2406-2414.	2.1	14
24	Study on anti-osteosarcoma activity of ethanol extract of <i>Venenum bufonis</i> in vitro. <i>African Journal of Traditional Complementary and Alternative Medicines</i> , 2014, 11, 73-7.	0.2	3
25	<i>In Vivo</i> MRI Tracking of Polyethylenimine-Wrapped Superparamagnetic Iron Oxide Nanoparticle-Labeled BMSCs for Cartilage Repair. <i>Cartilage</i> , 2013, 4, 75-82.	2.7	5
26	Histomorphometric analysis of adult articular calcified cartilage zone. <i>Journal of Structural Biology</i> , 2009, 168, 359-365.	2.8	61
27	A Study on Construction of Finite Element Model and Stress Analysis of Anterior Cruciate Ligament Tibial Insertion. <i>Pakistan Journal of Medical Sciences</i> , 1969, 31, 632-6.	0.6	1