

Hua Tian

List of Publications by Year in descending order

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42
papers

360
citations

933447

10
h-index

940533

16
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59
all docs

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docs citations

59
times ranked

454
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of WNT10A on Proliferation and Differentiation of Human Dental Pulp Cells. <i>Journal of Endodontics</i> , 2014, 40, 1593-1599.	3.1	37
2	Transcriptional Factor DLX3 Promotes the Gene Expression of Enamel Matrix Proteins during Amelogenesis. <i>PLoS ONE</i> , 2015, 10, e0121288.	2.5	29
3	A Randomized Controlled Trial of Psychological Intervention to Improve Satisfaction for Patients with Depression Undergoing TKA. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 567-574.	3.0	27
4	A new 3D printing porous trabecular titanium metal acetabular cup for primary total hip arthroplasty: a minimum 2-year follow-up of 92 consecutive patients. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 383.	2.3	25
5	AAV-Anti-miR-214 Prevents Collapse of the Femoral Head in Osteonecrosis by Regulating Osteoblast and Osteoclast Activities. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 841-850.	5.1	24
6	Anoctamin 1 controls bone resorption by coupling Cl ⁻ channel activation with RANKL-RANK signaling transduction. <i>Nature Communications</i> , 2022, 13, .	12.8	15
7	β-Catenin/LEF1 activated enamelin expression in ameloblast-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 519-524.	2.1	14
8	Development of a Cell-Loading Microrobot with Simultaneously Improved Degradability and Mechanical Strength for Performing In Vivo Delivery Tasks. <i>Advanced Intelligent Systems</i> , 2021, 3, 2100052.	6.1	14
9	Deep Learning-Based End-to-End Diagnosis System for Avascular Necrosis of Femoral Head. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2093-2102.	6.3	13
10	First-principles calculations of elastic moduli of Ti-Mo-Nb alloys using a cluster-plus-glue-atom model for stable solid solutions. <i>Journal of Materials Science</i> , 2013, 48, 3138-3146.	3.7	11
11	A first-principle study of the structural and electronic properties of amorphous Cu-Zr alloys. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011, 54, 249-255.	5.1	10
12	Global scientific production in the field of knee arthroplasty: A cross-sectional survey of research activities. <i>Journal of International Medical Research</i> , 2017, 45, 897-903.	1.0	9
13	The Role of Structural Deterioration and Biomechanical Changes of the Necrotic Lesion in Collapse Mechanism of Osteonecrosis of the Femoral Head. <i>Orthopaedic Surgery</i> , 2022, 14, 831-839.	1.8	9
14	Lateral femoral sliding osteotomy in total knee arthroplasty with valgus deformity greater than twenty degrees. <i>International Orthopaedics</i> , 2019, 43, 2511-2517.	1.9	8
15	KMT2D deficiency disturbs the proliferation and cell cycle activity of dental epithelial cell line (LS8) partially via Wnt signaling. <i>Bioscience Reports</i> , 2021, 41, .	2.4	8
16	Reconstruction for Massive Proximal Tibial Bone Defects Using Patient-Customized Three-Dimensional-Printed Metaphyseal Cones in Revision Total Knee Arthroplasty. <i>Orthopaedic Surgery</i> , 2022, 14, 1071-1077.	1.8	8
17	Up-regulation of Cartilage Oligomeric Matrix Protein Gene Expression by Insulin-like Growth Factor-I Revealed by Real Time Reverse Transcription-Polymerase Chain Reaction. <i>Acta Biochimica Et Biophysica Sinica</i> , 2006, 38, 677-682.	2.0	7
18	Minimum 7-year Follow-up of A Porous Coated Trabecular Titanium Cup Manufactured with Electron Beam Melting Technique in Primary Total Hip Arthroplasty. <i>Orthopaedic Surgery</i> , 2021, 13, 817-824.	1.8	7

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19	Morphological consistency of bilateral hip joints in adults based on the X-ray and CT data. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 1107-1115.	1.2	7
20	Mutant <i>dlx3b</i> disturbs normal tooth mineralization and bone formation in zebrafish. <i>PeerJ</i> , 2020, 8, e8515.	2.0	7
21	Patient-Specific Instruments Based on Knee Joint Computed Tomography and Full-Length Lower Extremity Radiography in Total Knee Replacement. <i>Chinese Medical Journal</i> , 2018, 131, 583-587.	2.3	6
22	SHALLOW GROUNDWATER HYDRO-CHEMICAL EVOLUTION AND SIMULATION WITH SPECIAL FOCUS ON GUANZHONG BASIN, CHINA. <i>Environmental Engineering and Management Journal</i> , 2013, 12, 1447-1455.	0.6	6
23	Effect of Femoral Resection on Coronal Overall Alignment after Conventional Total Knee Arthroplasty. <i>Chinese Medical Journal</i> , 2016, 129, 2535-2539.	2.3	6
24	Evaluation of the Factors Affecting Concerns and Expectations of Patients Undergoing Total Knee Arthroplasty in China. <i>Medical Science Monitor</i> , 2018, 24, 3332-3339.	1.1	4
25	Abnormally high dislocation rate following constrained condylar knee arthroplasty for valgus knee: a case-control study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 268.	2.3	4
26	Rates of periprosthetic infection and surgical revision in Beijing (China) between 2014 and 2016: a retrospective multicenter cross-sectional study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 463.	2.3	4
27	Prediction of Knee Prosthesis Using Patient Gender and BMI With Non-marked X-Ray by Deep Learning. <i>Frontiers in Surgery</i> , 2022, 9, 798761.	1.4	4
28	Development of Cell-Carrying Magnetic Microrobots with Bioactive Nanostructured Titanate Surface for Enhanced Cell Adhesion. <i>Micromachines</i> , 2021, 12, 1572.	2.9	4
29	Chinese primary knee osteoarthritis progression cohort (CPKOPC) to evaluate the progression of knee osteoarthritis in the Beijing population: a prospective cohort study protocol. <i>BMJ Open</i> , 2019, 9, e029430.	1.9	3
30	MicroRNA-31 regulates dental epithelial cell proliferation by targeting <i>Satb2</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 321-328.	2.1	3
31	Can Upregulation of Pluripotency Genes Enhance Stemness of Mesenchymal Stem Cells?. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1505-1507.	3.8	3
32	Correlation between femorotibial pressure and joint gap in osteoarthritis patients with varus deformity: an intraoperative measurement using sensor device in primary posterior-stabilized total knee arthroplasty. <i>Annals of Translational Medicine</i> , 2020, 8, 1387-1387.	1.7	3
33	OxyContin® tablets for postoperative analgesia. <i>European Journal of Pain Supplements</i> , 2007, 1, 101-102.	0.0	2
34	The value of tranexamic acid for patients with preoperative anemia in primary total knee arthroplasty. <i>European Journal of Medical Research</i> , 2019, 24, 28.	2.2	2
35	Relationship between patellofemoral finite helical axis and femoral trans-epicondylar axis using a static magnetic resonance-based methodology. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 212.	2.3	2
36	Accuracy of soft tissue balancing in total knee arthroplasty using surgeon-defined assessment versus a gap-balancer or electronic sensor. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 305.	2.3	2

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37	Evaluation of the Morphology and Function of Medial Collateral Ligament after Total Knee Arthroplasty with High-frequency Ultrasound. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2016, 38, 574-578.	0.2	1
38	Traditional investigation and management for recurrent hemarthrosis after total knee arthroplasty: A case report. World Journal of Clinical Cases, 2020, 8, 1966-1972.	0.8	1
39	The effect of tourniquet application on the morphology and function of quadriceps in patients undergoing total knee arthroplasty: study protocol for a single-blind randomized controlled trial. Trials, 2022, 23, 201.	1.6	1
40	Novel cross LSTM for predicting the changes of complementary pelvic angles between standing and sitting. Journal of Biomedical Informatics, 2022, 128, 104036.	4.3	1
41	Relationship between quantitative magnetic resonance imaging and clinical symptoms in patients with knee osteoarthritis. Chinese Medical Journal, 2020, 133, 1741-1743.	2.3	0
42	Modified Medial Collateral Ligament Indentation Technique in Total Knee Arthroplasty with Severe Type I Valgus Deformity. Orthopaedic Surgery, 2022, , .	1.8	0