

# Hui-wu Li

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

759  
citations

623734

14  
h-index

552781

26  
g-index

41  
all docs

41  
docs citations

41  
times ranked

894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Favorable osteogenic activity of iron doped in silicocarnotite bioceramic: In vitro and in vivo Studies. <i>Journal of Orthopaedic Translation</i> , 2022, 32, 103-111.	3.9	7
2	Postoperative Hip Center Position Associated With the Range of Internal Rotation and Extension During Gait in Hip Dysplasia Patients After Total Hip Arthroplasty. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 831647.	4.1	5
3	Positive Correlation Between the Femur Neck Shaft and Anteversion Angles: A Retrospective Computed Tomography Analysis in Patients With Developmental Dysplasia of the Hip. <i>Journal of Arthroplasty</i> , 2022, 37, 538-543.	3.1	1
4	Computer simulation of optimal lipped polyethylene liner orientation against prosthetic impingement. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 204.	2.3	0
5	TiO <sub>2</sub> Nanotubes Promote Osteogenic Differentiation Through Regulation of Yap and Piezo1. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 872088.	4.1	11
6	Application of a novel osteotomy instrumentation as a substitute tool in total hip arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 437.	1.9	0
7	Reliability and validity test of a novel three-dimensional acetabular bone defect classification system aided with additive manufacturing. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 432.	1.9	4
8	Use of Customized 3D-Printed Titanium Augment With Tantalum Trabecular Cup for Large Acetabular Bone Defects in Revision Total Hip Arthroplasty: A Midterm Follow-Up Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	4.1	6
9	Bioinspired stratified electrowritten fiber-reinforced hydrogel constructs with layer-specific induction capacity for functional osteochondral regeneration. <i>Biomaterials</i> , 2021, 266, 120385.	11.4	119
10	TiO <sub>2</sub> nanotubes regulate histone acetylation through F-actin to induce the osteogenic differentiation of BMSCs. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 398-406.	2.8	11
11	A novel and efficient surgical knotting technique for high-tension closures. <i>Annals of Translational Medicine</i> , 2021, 9, 375-375.	1.7	0
12	Optimizing the Femoral Offset for Restoring Physiological Hip Muscle Function in Patients With Total Hip Arthroplasty. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 645019.	4.1	14
13	“Skywalker”™ surgical robot for total knee arthroplasty: An experimental sawbone study. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, e2292.	2.3	2
14	Verification and clinical translation of a newly designed “Skywalker” robot for total knee arthroplasty: A prospective clinical study. <i>Journal of Orthopaedic Translation</i> , 2021, 29, 143-151.	3.9	11
15	Comparison of 3D Printing Rapid Prototyping Technology with Traditional Radiographs in Evaluating Acetabular Defects in Revision Hip Arthroplasty: A Prospective and Consecutive Study. <i>Orthopaedic Surgery</i> , 2021, 13, 1773-1780.	1.8	7
16	A novel efficient and precise technique for removing acetabular osteophytes in patients undergoing total hip arthroplasty: the SH-9Hospital acetabular edge file. <i>Annals of Translational Medicine</i> , 2021, 9, 1366-1366.	1.7	0
17	Evaluation of the feasibility of acetabular cup pre-determination in revision total hip arthroplasty via X-ray of the bone stock of the anterosuperior acetabulum. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 597.	2.3	0
18	Cyclic Mechanical Strain Regulates Osteoblastic Differentiation of Mesenchymal Stem Cells on TiO <sub>2</sub> Nanotubes Through GCN5 and Wnt/ $\beta$ -Catenin. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 735949.	4.1	6

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19	Does mobile-bearing have better flexion and axial rotation than fixed-bearing in total knee arthroplasty? A randomised controlled study based on gait. <i>Journal of Orthopaedic Translation</i> , 2020, 20, 86-93.	3.9	9
20	LncRNA expression profiles and the negative regulation of lncRNA-NOMMUT037835.2 in osteoclastogenesis. <i>Bone</i> , 2020, 130, 115072.	2.9	30
21	Adverse effects of total hip arthroplasty on the hip abductor and adductor muscle lengths and moment arms during gait. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 315.	2.3	4
22	The severity of developmental dysplasia of the hip does not correlate with the abnormality in pelvic incidence. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 623.	1.9	4
23	F-actin Regulates Osteoblastic Differentiation of Mesenchymal Stem Cells on TiO <sub>2</sub> Nanotubes Through MKL1 and YAP/TAZ. <i>Nanoscale Research Letters</i> , 2020, 15, 183.	5.7	28
24	Clinical Applications of 3D Printing Technology in Hip Joint. <i>Orthopaedic Surgery</i> , 2019, 11, 533-544.	1.8	40
25	Changes in Alignment of Ipsilateral Knee on Computed Tomography after Total Hip Arthroplasty for Developmental Dysplasia of the Hip. <i>Orthopaedic Surgery</i> , 2019, 11, 397-404.	1.8	9
26	Mechanical strain promotes osteogenic differentiation of mesenchymal stem cells on TiO <sub>2</sub> nanotubes substrate. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 840-846.	2.1	18
27	Understanding the factors involved in determining the bioburdens of surgical masks. <i>Annals of Translational Medicine</i> , 2019, 7, 754-754.	1.7	25
28	Direct Leverage for Reducing the Femoral Head in Total Hip Arthroplasty Without Femoral Shortening Osteotomy for Crowe Type 3 to 4 Dysplasia of the Hip. <i>Journal of Arthroplasty</i> , 2018, 33, 794-799.	3.1	20
29	Epigenetic modifications of interleukin-6 in synovial fibroblasts from osteoarthritis patients. <i>Scientific Reports</i> , 2017, 7, 43592.	3.3	46
30	Comparison of Total Hip Arthroplasty With and Without Femoral Shortening Osteotomy for Unilateral Mild to Moderate High Hip Dislocation. <i>Journal of Arthroplasty</i> , 2017, 32, 849-856.	3.1	13
31	Three-Dimensional Host Bone Coverage in Total Hip Arthroplasty for Crowe Types II and III Developmental Dysplasia of the Hip. <i>Journal of Arthroplasty</i> , 2017, 32, 1374-1380.	3.1	11
32	Nickel-Titanium Shape-Memory Sawtooth-Arm Embracing Clamp for Complex Femoral Revision Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 850-856.	3.1	9
33	Posterosuperior Placement of a Standard-Sized Cup at the True Acetabulum in Acetabular Reconstruction of Developmental Dysplasia of the Hip With High Dislocation. <i>Journal of Arthroplasty</i> , 2016, 31, 1233-1239.	3.1	25
34	Custom Acetabular Cages Offer Stable Fixation and Improved Hip Scores for Revision THA With Severe Bone Defects. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 731-740.	1.5	84
35	Range of Hip Joint Motion in Developmental Dysplasia of the Hip Patients Following Total Hip Arthroplasty With the Surgical Technique Using the Concept of Combined Anteversion: A Study of Crowe I and II Patients. <i>Journal of Arthroplasty</i> , 2015, 30, 2248-2255.	3.1	12
36	The use of morselized allografts without impaction and cemented cage support in acetabular revision surgery: a 4- to 9-year follow-up. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 77.	2.3	8

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37	The use of customized cages in revision total hip arthroplasty for Paprosky type III acetabular bone defects. <i>International Orthopaedics</i> , 2015, 39, 2023-2030.	1.9	44
38	Autogenous Impaction Grafting in Total Hip Arthroplasty with Developmental Dysplasia of the Hip. <i>Journal of Arthroplasty</i> , 2013, 28, 637-643.	3.1	26
39	Revision of Complex Acetabular Defects Using Cages with the Aid of Rapid Prototyping. <i>Journal of Arthroplasty</i> , 2013, 28, 1770-1775.	3.1	31
40	Continuous cyclic mechanical tension inhibited Runx2 expression in mesenchymal stem cells through RhoA-ERK1/2 pathway. <i>Journal of Cellular Physiology</i> , 2011, 226, 2159-2169.	4.1	59