

# Can Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9588475/publications.pdf>

Version: 2024-02-01

14  
papers

453  
citations

1163117

8  
h-index

1058476

14  
g-index

25  
all docs

25  
docs citations

25  
times ranked

750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial cells: from basic science to applications. <i>Materials Today</i> , 2016, 19, 516-532.	14.2	256
2	miR-199b-5p modulates BMSC osteogenesis via suppressing GSK-3 $\beta$ / $\beta$ -catenin signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 749-754.	2.1	59
3	Biomechanical evaluation of tenodesis reconstruction in ankle with deltoid ligament deficiency: a finite element analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1854-1862.	4.2	30
4	Nonanatomic versus anatomic techniques in spring ligament reconstruction: biomechanical assessment via a finite element model. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 114.	2.3	16
5	A comparison between arthroscopic and open surgery for treatment outcomes of chronic lateral ankle instability accompanied by osteochondral lesions of the talus. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 113.	2.3	16
6	Converting Red Blood Cells to Efficient Microreactors for Blood Detoxification. <i>Advanced Materials</i> , 2017, 29, 1603673.	21.0	15
7	Perioperative analgesia with a buprenorphine transdermal patch for hallux valgus surgery: a prospective, randomized, controlled study. <i>Journal of Pain Research</i> , 2018, Volume 11, 867-873.	2.0	11
8	Finite Element Analysis of Nonanatomic Tenodesis Reconstruction Methods of Combined Anterior Talofibular Ligament and Calcaneofibular Ligament Deficiency. <i>Foot and Ankle International</i> , 2011, 32, 1000-1008.	2.3	9
9	A Three-Dimensional Finite Element Analysis of Displaced Intra-Articular Calcaneal Fractures. <i>Journal of Foot and Ankle Surgery</i> , 2017, 56, 319-326.	1.0	9
10	Comparison of collum femoris-preserving stems and ribbed stems in primary total hip arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 271.	2.3	8
11	Biomechanical Effects of Graft Shape for the Evans Lateral Column Lengthening Procedure: A Patient-Specific Finite Element Investigation. <i>Foot and Ankle International</i> , 2022, 43, 404-413.	2.3	8
12	Arthroscopic ankle fusion only has a limited advantage over the open operation if osseous operation type is the same: a retrospective comparative study. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 80.	2.3	6
13	Surgery simulation teaching based on real reconstruction aid versus traditional surgical live teaching in the acquisition of an adult total hip arthroplasty surgical technique for developmental dysplasia of the hip: a randomized comparative study. <i>BMC Medical Education</i> , 2020, 20, 228.	2.4	5
14	Patient-specific instrument-assisted minimally invasive internal fixation of calcaneal fracture for rapid and accurate execution of a preoperative plan: A retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 407.	1.9	3