

Bardiya Akhbari

List of Publications by Year in descending order

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15
papers

121
citations

1307594

7
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1281871

11
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16
all docs

16
docs citations

16
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting Carpal Bone Kinematics Using an Expanded Digital Database of Wrist Carpal Bone Anatomy and Kinematics. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2661-2670.	2.3	19
2	Accuracy of biplane videoradiography for quantifying dynamic wrist kinematics. <i>Journal of Biomechanics</i> , 2019, 92, 120-125.	2.1	17
3	Proximalâ€distal shift of the center of rotation in a total wrist arthroplasty is more than twice of the healthy wrist. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1575-1586.	2.3	16
4	In Vitro Experimental Testing of the Human Knee: A Concise Review. <i>Journal of Knee Surgery</i> , 2016, 29, 138-148.	1.6	11
5	Osteophyte volume calculation using dissimilarityâ€excluding Procrustes registration of archived bone models from healthy volunteers. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1307-1315.	2.3	10
6	Kinematic Accuracy in Tracking Total Wrist Arthroplasty With Biplane Videoradiography Using a Computed Tomography-Generated Model. <i>Journal of Biomechanical Engineering</i> , 2019, 141, .	1.3	9
7	Accuracy of an electrogoniometer relative to optical motion tracking for quantifying wrist range of motion. <i>Journal of Medical Engineering and Technology</i> , 2020, 44, 49-54.	1.4	7
8	Finite element analysis of the performance of additively manufactured scaffolds for scapholunate ligament reconstruction. <i>PLoS ONE</i> , 2021, 16, e0256528.	2.5	6
9	Biplanar Videoradiography to Study the Wrist and Distal Radioulnar Joints. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	5
10	The role of scapholunate interosseous, dorsal intercarpal, and radiolunate ligaments in wrist biomechanics. <i>Journal of Biomechanics</i> , 2021, 125, 110567.	2.1	5
11	Characterization of Ankle Kinematics and Constraint Following Ligament Rupture in a Cadaveric Model. <i>Journal of Biomechanical Engineering</i> , 2019, 141, .	1.3	4
12	In vivo articular contact pattern of a total wrist arthroplasty design. <i>Journal of Biomechanics</i> , 2021, 121, 110420.	2.1	4
13	Biomechanics of the Distal Radioulnar Joint During In Vivo Forearm Pronosupination. <i>Journal of Wrist Surgery</i> , 2021, 10, 208-215.	0.7	3
14	Optical motion capture accuracy is task-dependent in assessing wrist motion. <i>Journal of Biomechanics</i> , 2021, 120, 110362.	2.1	2
15	Total Wrist Arthroplasty Alignment and Its Potential Association with Clinical Outcomes. <i>Journal of Wrist Surgery</i> , 2021, 10, 308-315.	0.7	1