

Ziad Abusara

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

202
citations

8
h-index

12
g-index

12
ext. papers

232
ext. citations

3.2
avg, IF

3.08
L-index

#	Paper	IF	Citations
12	Chondrocyte morphology as an indicator of collagen network integrity. <i>Connective Tissue Research</i> , 2021 , 1-10	3.3	0
11	Evolution of a Novel Tissue Preservation Protocol to Optimize Osteochondral Transplantation Outcomes. <i>Cartilage</i> , 2021 , 12, 31-41	3	4
10	Chondrocyte Deformations Under Mild Dynamic Loading Conditions. <i>Annals of Biomedical Engineering</i> , 2021 , 49, 846-857	4.7	2
9	The influence of maximal and submaximal cyclic concentric and eccentric exercise on chondrocyte death and synovial fluid proteins in the rabbit knee. <i>Clinical Biomechanics</i> , 2020 , 78, 105095	2.2	
8	Effect of strain rate on transient local strain variations in articular cartilage. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 95, 60-66	4.1	11
7	A compression system for studying depth-dependent mechanical properties of articular cartilage under dynamic loading conditions. <i>Medical Engineering and Physics</i> , 2018 , 60, 103-108	2.4	8
6	Current concepts on structure-function relationships in the menisci. <i>Connective Tissue Research</i> , 2017 , 58, 271-281	3.3	31
5	In Vivo Dynamic Deformation of Articular Cartilage in Intact Joints Loaded by Controlled Muscular Contractions. <i>PLoS ONE</i> , 2016 , 11, e0147547	3.7	17
4	In vivo Sarcomere Lengths and Sarcomere Elongations Are Not Uniform across an Intact Muscle. <i>Frontiers in Physiology</i> , 2016 , 7, 187	4.6	53
3	Tie-fibre structure and organization in the knee menisci. <i>Journal of Anatomy</i> , 2014 , 224, 531-7	2.9	53
2	Dual photon excitation microscopy and image threshold segmentation in live cell imaging during compression testing. <i>Journal of Biomechanics</i> , 2013 , 46, 2024-31	2.9	12
1	In situ chondrocyte viscoelasticity. <i>Journal of Biomechanics</i> , 2012 , 45, 2450-6	2.9	11