

Simo P Ojanen

List of Publications by Year in descending order

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7
papers

133
citations

1684188

5
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in subchondral bone structure and mechanical properties do not substantially affect cartilage mechanical responses – A finite element study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 128, 105129.	3.1	4
2	Early changes in osteochondral tissues in a rabbit model of post-traumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2556-2567.	2.3	7
3	Anterior cruciate ligament transection of rabbits alters composition, structure and biomechanics of articular cartilage and chondrocyte deformation 2 weeks post-surgery in a site-specific manner. <i>Journal of Biomechanics</i> , 2020, 98, 109450.	2.1	17
4	Machine Learning Classification of Articular Cartilage Integrity Using Near Infrared Spectroscopy. <i>Cellular and Molecular Bioengineering</i> , 2020, 13, 219-228.	2.1	25
5	Multiparametric MR imaging reveals early cartilage degeneration at 2 and 8 weeks after ACL transection in a rabbit model. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1974-1986.	2.3	18
6	Elastic, Viscoelastic and Fibril-Reinforced Poroelastic Material Properties of Healthy and Osteoarthritic Human Tibial Cartilage. <i>Annals of Biomedical Engineering</i> , 2019, 47, 953-966.	2.5	43
7	Site-specific glycosaminoglycan content is better maintained in the pericellular matrix than the extracellular matrix in early post-traumatic osteoarthritis. <i>PLoS ONE</i> , 2018, 13, e0196203.	2.5	18