

Andrada Pica

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5687120/publications.pdf>

Version: 2024-02-01

9
papers

85
citations

1937685
4
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	3D FEM model to simulate Brownian motion inside trabecular tissue from human femoral head. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2022, 10, 500-507.	1.9	3
2	Percolation networks inside 3D model of the mineralized collagen fibril. Scientific Reports, 2021, 11, 11398.	3.3	6
3	3D random walk model of diffusion in human Hypo- and Hyper- mineralized collagen fibrils. Journal of Biomechanics, 2021, 125, 110586.	2.1	4
4	Artificial Intelligence in Thyroid Fieldâ€™A Comprehensive Review. Cancers, 2021, 13, 4740.	3.7	25
5	Prediction of Stress and Strain Patterns from Load Rearrangement in Human Osteoarthritic Femur Head: Finite Element Study with the Integration of Muscular Forces and Friction Contact. Lecture Notes in Computational Vision and Biomechanics, 2019, , 49-64.	0.5	4
6	A 3D Model of the Effect of Tortuosity and Constrictivity on the Diffusion in Mineralized Collagen Fibril. Scientific Reports, 2019, 9, 2658.	3.3	21
7	3D-FEM Modeling of Iso-Concentration Maps in Single Trabecula from Human Femur Head. Lecture Notes in Computational Vision and Biomechanics, 2019, , 509-518.	0.5	3
8	Can MIMUs positioned on the ankles provide a reliable detection and characterization of U-turns in gait?. , 2018, , .		4
9	3D diffusion model within the collagen apatite porosity: An insight to the nanostructure of human trabecular bone. PLoS ONE, 2017, 12, e0189041.	2.5	15