

Ashraf Idkaidek

List of Publications by Year in descending order

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138
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Computing Comparison of Implicit and Explicit Nonlinear Finite Element Simulations of Trabecular Bone. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 200, 105870.	4.7	8
2	Modeling of bending and torsional stiffnesses of bone at sub-microscale: Effect of curved mineral lamellae. <i>Journal of Biomechanics</i> , 2021, 123, 110531.	2.1	6
3	Modeling of Osteoprobe indentation on bone. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 365-373.	3.1	10
4	Fracture analysis of multi-osteon cortical bone using XFEM. <i>Computational Mechanics</i> , 2018, 62, 171-184.	4.0	14
5	Cortical bone fracture analysis using XFEM – case study. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2017, 33, e2809.	2.1	25
6	Finite element simulation of Reference Point Indentation on bone. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 65, 574-583.	3.1	7
7	Toward high-speed 3D nonlinear soft tissue deformation simulations using Abaqus software. <i>Journal of Robotic Surgery</i> , 2015, 9, 299-310.	1.8	16