

Ashraf Idkaidek

List of Publications by Year in descending order

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papers

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citations

1478505

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1720034

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g-index

7
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7
docs citations

7
times ranked

138
citing authors

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