

Marzieh Ovesy

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

80
citations

1937685

4
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	An explicit micro-FE approach to investigate the post-yield behaviour of trabecular bone under large deformations. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2019, 35, e3188.	2.1	18
2	A nonlinear homogenized finite element analysis of the primary stability of the bone-implant interface. <i>Biomechanics and Modeling in Mechanobiology</i> , 2018, 17, 1471-1480.	2.8	17
3	Explicit finite element analysis can predict the mechanical response of conical implant press-fit in homogenized trabecular bone. <i>Journal of Biomechanics</i> , 2020, 107, 109844.	2.1	16
4	Prediction of insertion torque and stiffness of a dental implant in bovine trabecular bone using explicit micro-finite element analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 98, 301-310.	3.1	15
5	Experimental and numerical investigation of secondary screw perforation in the human proximal humerus. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 116, 104344.	3.1	7
6	Non-linear explicit micro-FE models accurately predict axial pull-out force of cortical screws in human tibial cortical bone. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 105002.	3.1	4
7	Equivalent linear damping characterization in linear and nonlinear force-stiffness muscle models. <i>Biological Cybernetics</i> , 2016, 110, 73-80.	1.3	3