

Tusit Weerasooriya

List of Publications by Year in descending order

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9
papers

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citations

1684188

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1588992

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all docs

9
docs citations

9
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation and validation of finite element model of skull deformation and failure response during uniaxial compression. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104302.	3.1	4
2	Mechanism and microstructure based concept to predict skull fracture using a hybrid-experimental-modeling-computational approach. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 121, 104599.	3.1	2
3	Multiscale response of the human skull to quasi-static compression. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 102, 103492.	3.1	9
4	Influence of the mesostructure on the compressive mechanical response of adolescent porcine cranial bone. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 96, 96-107.	3.1	5
5	Structural analysis of the frontal and parietal bones of the human skull. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 90, 689-701.	3.1	35
6	Dynamic Fracture Response of a Synthetic Cortical Bone Simulant. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 45-49.	0.5	0
7	Orientation Dependent Compressive Response of Human Femoral Cortical Bone as a Function of Strain Rate. Journal of Dynamic Behavior of Materials, 2016, 2, 74-90.	1.7	19
8	Rate-dependent fracture modes in human femoral cortical bone. International Journal of Fracture, 2015, 194, 81-92.	2.2	21
9	Initiation Fracture Toughness of Human Cortical Bone as a Function of Loading Rate. Conference Proceedings of the Society for Experimental Mechanics, 2013, , 45-56.	0.5	6