

Sadjad Naderi

List of Publications by Year in descending order

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15
papers

323
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Meso-scale modelling of compressive fracture in concrete with irregularly shaped aggregates. <i>Cement and Concrete Research</i> , 2021, 140, 106317.	11.0	98
2	Meso-scale modelling of static and dynamic tensile fracture of concrete accounting for real-shape aggregates. <i>Cement and Concrete Composites</i> , 2021, 116, 103889.	10.7	51
3	Low-velocity impact damage of woven fabric composites: Finite element simulation and experimental verification. <i>Materials & Design</i> , 2014, 53, 706-718.	5.1	27
4	A novel framework for modelling the 3D mesostructure of steel fibre reinforced concrete. <i>Computers and Structures</i> , 2020, 234, 106251.	4.4	27
5	An integrated framework for modelling virtual 3D irregular particulate mesostructure. <i>Powder Technology</i> , 2019, 355, 808-819.	4.2	24
6	3D meso-scale modelling of tensile and compressive fracture behaviour of steel fibre reinforced concrete. <i>Composite Structures</i> , 2022, 291, 115690.	5.8	22
7	Alternative methods to determine the elastoplastic properties of sintered hydroxyapatite from nanoindentation testing. <i>Materials & Design</i> , 2015, 67, 360-368.	5.1	15
8	Modeling of porosity in hydroxyapatite for finite element simulation of nanoindentation test. <i>Ceramics International</i> , 2016, 42, 7543-7550.	4.8	14
9	Morphology characterisation of inclusions to predict the breakdown strength in electro-ceramic materials: Microstructure modelling. <i>Ceramics International</i> , 2019, 45, 361-368.	4.8	14
10	Evaluation of the effect of dental cements on fracture resistance and fracture mode of teeth restored with various dental posts: A finite element analysis. <i>Journal of the European Ceramic Society</i> , 2016, 36, 2213-2221.	5.7	13
11	Three-dimensional virtual microstructure generation of porous polycrystalline ceramics. <i>Ceramics International</i> , 2019, 45, 21647-21656.	4.8	7
12	Two-scale modelling of fracture of magnesium phosphate cement under bending using X-ray computed tomography characterisation. <i>Cement and Concrete Composites</i> , 2021, 121, 104099.	10.7	5
13	Thermomechanical advantages of functionally graded dental posts: A finite element analysis. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 700-709.	2.6	4
14	Effect of Curvature and Thickness of Aluminum Shells on the Energy Absorption in Low Velocity Impact. <i>Advanced Materials Research</i> , 2012, 488-489, 40-45.	0.3	1
15	An empirical modified fatigue damage model for impacted GFRP laminates. <i>Acta Astronautica</i> , 2014, 103, 119-128.	3.2	1