

# Sadjad Naderi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7526088/publications.pdf>

Version: 2024-02-01

15  
papers

323  
citations

1051969

10  
h-index

1113639

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

258  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D meso-scale modelling of tensile and compressive fracture behaviour of steel fibre reinforced concrete. <i>Composite Structures</i> , 2022, 291, 115690.	3.1	22
2	Meso-scale modelling of compressive fracture in concrete with irregularly shaped aggregates. <i>Cement and Concrete Research</i> , 2021, 140, 106317.	4.6	98
3	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.	4.6	51
4	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.	4.6	5
5	A novel framework for modelling the 3D mesostructure of steel fibre reinforced concrete. <i>Computers and Structures</i> , 2020, 234, 106251.	2.4	27
6	Three-dimensional virtual microstructure generation of porous polycrystalline ceramics. <i>Ceramics International</i> , 2019, 45, 21647-21656.	2.3	7
7	An integrated framework for modelling virtual 3D irregulate particulate mesostructure. <i>Powder Technology</i> , 2019, 355, 808-819.	2.1	24
8	Morphology characterisation of inclusions to predict the breakdown strength in electro-ceramic materials: Microstructure modelling. <i>Ceramics International</i> , 2019, 45, 361-368.	2.3	14
9	Thermomechanical advantages of functionally graded dental posts: A finite element analysis. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 700-709.	1.5	4
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.	2.8	13
11	Modeling of porosity in hydroxyapatite for finite element simulation of nanoindentation test. <i>Ceramics International</i> , 2016, 42, 7543-7550.	2.3	14
12	Alternative methods to determine the elastoplastic properties of sintered hydroxyapatite from nanoindentation testing. <i>Materials &amp; Design</i> , 2015, 67, 360-368.	5.1	15
13	Low-velocity impact damage of woven fabric composites: Finite element simulation and experimental verification. <i>Materials &amp; Design</i> , 2014, 53, 706-718.	5.1	27
14	An empirical modified fatigue damage model for impacted GFRP laminates. <i>Acta Astronautica</i> , 2014, 103, 119-128.	1.7	1
15	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