

Mehdi Eftekhari

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

284
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	An XFEM multiscale approach for fracture analysis of carbon nanotube reinforced concrete. <i>Theoretical and Applied Fracture Mechanics</i> , 2014, 72, 64-75.	4.7	70
2	Molecular dynamics simulation of the nonlinear behavior of the CNT-reinforced calcium silicate hydrate (C-S-H) composite. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 82, 78-87.	7.6	66
3	Effect of defects on the local shell buckling and post-buckling behavior of single and multi-walled carbon nanotubes. <i>Computational Materials Science</i> , 2013, 79, 736-744.	3.0	50
4	Multiscale dynamic fracture behavior of the carbon nanotube reinforced concrete under impact loading. <i>International Journal of Impact Engineering</i> , 2016, 87, 55-64.	5.0	40
5	A hierarchical nano to macro multiscale analysis of monotonic behavior of concrete columns made of CNT-reinforced cement composite. <i>Construction and Building Materials</i> , 2018, 175, 134-143.	7.2	28
6	Mechanical properties of single-walled carbon nanotubes: a comprehensive molecular dynamics study. <i>Materials Research Express</i> , 2017, 4, 055015.	1.6	16
7	Multi-scale Modeling Approach to Predict the Nonlinear Behavior of CNT-reinforced Concrete Columns Subjected to Service Loading. <i>Structures</i> , 2018, 14, 301-312.	3.6	10
8	Investigation into the Nonlinear Time-History Analysis of CNT-Reinforced Concrete Column by a Multiscale Approach. <i>International Journal of Civil Engineering</i> , 2020, 18, 49-64.	2.0	4