

Manik Bansal

List of Publications by Year in descending order

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7
papers

95
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	An XFEM strain gradient damage model for efficient modeling of materials with reinforcement particles. <i>Engineering Fracture Mechanics</i> , 2022, 271, 108667.	4.3	7
2	A simple and robust computational homogenization approach for heterogeneous particulate composites. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 349, 45-90.	6.6	16
3	A parallel and efficient multi-split XFEM for 3-D analysis of heterogeneous materials. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 347, 365-401.	6.6	29
4	A stochastic XFEM model for the tensile strength prediction of heterogeneous graphite based on microstructural observations. <i>Journal of Nuclear Materials</i> , 2017, 487, 143-157.	2.7	24
5	A numerical prediction of flexural strength probability for NBG-18 nuclear grade graphite using strength pair model. <i>Journal of Strain Analysis for Engineering Design</i> , 2017, 52, 204-211.	1.8	3
6	A two-scale stochastic framework for predicting failure strength probability of heterogeneous materials. <i>Composite Structures</i> , 2017, 179, 294-325.	5.8	16
7	Effect of plane stress and plane strain conditions over fracture parameters of ductile plate in SSY (LEFM) and EPFM regimes. , 2012, , 239-242.		0