

Abhishek Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

126
citations

1937685

4
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture properties of nanographene reinforced EPON 862 thermoset polymer system. Composites Science and Technology, 2015, 114, 87-93.	7.8	48
2	Characterization of mixed mode fracture properties of nanographene reinforced epoxy and Mode I delamination of its carbon fiber composite. Composites Part B: Engineering, 2018, 134, 98-105.	12.0	34
3	Effect of particle size on mixed-mode fracture of nanographene reinforced epoxy and mode I delamination of its carbon fiber composite. Composite Structures, 2017, 181, 1-8.	5.8	18
4	Modeling of anomalous moisture diffusion in nanographene reinforced thermoset polymers. Composite Structures, 2015, 122, 1-7.	5.8	13
5	A Model for Calculating Hyperelastic Material Properties Under Thermal Aging. Journal of Engineering Materials and Technology, Transactions of the ASME, 2018, 140, .	1.4	4
6	A hyper-elastic thermal aging constitutive model for rubber-like materials. Journal of Elastomers and Plastics, 2020, 52, 677-700.	1.5	4
7	Modeling of toughness enhancement mechanisms in graphene nanocomposites. Mechanics of Advanced Materials and Structures, 2018, 25, 1197-1204.	2.6	3
8	A Nano-micro-macro-multiscale Model for Progressive Failure Prediction in Advanced Composites. , 2017, , 137-169.		2