

Meysam Rahmat

List of Publications by Year in descending order

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16
papers

612
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1040056

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1125743

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all docs

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docs citations

16
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotube-polymer interactions in nanocomposites: A review. <i>Composites Science and Technology</i> , 2011, 72, 72-84.	7.8	409
2	Boron Nitride Nanotube Composites and Applications. , 2019, , 91-111.		29
3	Interaction Stresses in Carbon Nanotube-Polymer Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3425-3431.	8.0	27
4	Nanoreinforced epoxy and adhesive joints incorporating boron nitride nanotubes. <i>International Journal of Adhesion and Adhesives</i> , 2018, 84, 194-201.	2.9	27
5	Multifunctional fiber reinforced polymer composites using carbon and boron nitride nanotubes. <i>Acta Astronautica</i> , 2017, 141, 57-63.	3.2	25
6	Enhanced Shear Performance of Hybrid Glass Fiber-Epoxy Laminates Modified with Boron Nitride Nanotubes. <i>ACS Applied Nano Materials</i> , 2018, 1, 2709-2717.	5.0	20
7	Interaction Stress Measurement Using Atomic Force Microscopy: A Stepwise Discretization Method. <i>Journal of Physical Chemistry C</i> , 2010, 114, 15029-15035.	3.1	16
8	Dynamic mechanical characterization of boron nitride nanotube-epoxy nanocomposites. <i>Polymer Composites</i> , 2019, 40, 2119-2131.	4.6	13
9	An interaction stress analysis of nanoscale elastic asperity contacts. <i>Nanoscale</i> , 2012, 4, 157-166.	5.6	12
10	The effect of curing agent on the dynamic tensile failure of an epoxy subjected to plate impact. <i>International Journal of Impact Engineering</i> , 2018, 113, 203-211.	5.0	12
11	Interaction energy and polymer density profile in nanocomposites: a coarse grain simulation based on interaction stress. <i>Polymer Chemistry</i> , 2012, 3, 1158.	3.9	6
12	Dynamic mechanical characterization of aluminum: analysis of strain-rate-dependent behavior. <i>Mechanics of Time-Dependent Materials</i> , 2019, 23, 385-405.	4.4	6
13	Glass Fiber-Epoxy Composites with Boron Nitride Nanotubes for Enhancing Interlaminar Properties in Structures. <i>ACS Omega</i> , 2022, 7, 10674-10686.	3.5	6
14	Geometric optimization for a thermal microfluidic chip. <i>Journal of Mechanical Science and Technology</i> , 2010, 24, 2143-2150.	1.5	3
15	Polymer-Polymer interaction at the nanoscale: An atomic force microscopy study of interaction stress. <i>Polymer Testing</i> , 2019, 77, 105902.	4.8	1
16	Intermediate Strain Rate Material Characterization with Digital Image Correlation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	0