Meysam Rahmat

List of Publications by Year
in descending order

16	612	1040056 9	1125743 13
papers	citations	h-index	g-index

16	16	16	930
all docs	docs citations	times ranked	citing authors

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