

Sudhir Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

276
citations

1163117

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1372567

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13
docs citations

13
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of cold remote nitrogen oxygen plasma treatment on carbon fabric and its composites with specialty polymers. <i>Journal of Materials Science</i> , 2011, 46, 964-974.	3.7	93
2	Adhesive wear performance of polyetherimide composites with plasma treated carbon fabric. <i>Tribology International</i> , 2011, 44, 782-788.	5.9	28
3	Erosive wear of carbon fabric reinforced polyetherimide composites: Role of amount of fabric and processing technique. <i>Polymer Composites</i> , 2008, 29, 337-344.	4.6	25
4	Role of Nano-YbF ₃ -Treated Carbon Fabric on Improving Abrasive Wear Performance of Polyetherimide Composites. <i>Tribology Letters</i> , 2011, 42, 293-300.	2.6	25
5	Polyetherimide composites with gamma irradiated carbon fabric: Studies on abrasive wear. <i>Wear</i> , 2011, 270, 688-694.	3.1	25
6	Strengthening of a Fibre-Matrix Interface: A Novel Method Using Nanoparticles. <i>Nanomaterials and Nanotechnology</i> , 2013, 3, 3.	3.0	25
7	Tribological analysis of extreme pressure and anti-wear properties of engine lubricating oil using four ball tester. <i>Materials Today: Proceedings</i> , 2018, 5, 248-253.	1.8	22
8	Influence of Plasma Treatment on Carbon Fabric for Enhancing Abrasive Wear Properties of Polyetherimide Composites. <i>Tribology Letters</i> , 2011, 41, 153-162.	2.6	18
9	Optimization of High Stress Abrasive Wear of Polymer Blend Ethylene and Vinyl Acetate Copolymer/HDPE/MA-g-PE/OMMT Nanocomposites. <i>Journal of Tribology</i> , 2017, 139, .	1.9	7
10	An Investigation for Prior Failure of Engine Component through Spectroscopy Oil Analysis Program. <i>Applied Mechanics and Materials</i> , 0, 592-594, 1362-1365.	0.2	4
11	Tribological Analysis of Thermal Spray Coatings of Ni and Al ₂ O ₃ With Dispersion of Solid Lubricants in Wear Modes. , 2017, , .		2
12	Experimental Analysis of Dry Sliding Friction and Wear Behavior of OMMT Nanoclay Added EVA/HDPE/MA-g-PE Compatibilized Polymer Blends with Parametric Study of Influencing Factors. <i>Journal of Testing and Evaluation</i> , 2020, 48, 20170611.	0.7	2
13	Effect of addition of organomodified montmorillonite nanoclay on three-body abrasive wear behavior of maleic anhydride grafted polyethylene compatibilized ethylene-co-vinyl acetate/high density polyethylene nanocomposites. <i>Polymer Composites</i> , 2018, 39, 3962-3968.	4.6	0