

Manoj Panchal

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Prediction of Overall Characteristics of a Dual Fuel CI Engine Working on Low-Density Ethanol and Diesel Blends at Varying Compression Ratios. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 15323-15330.	3.0	77
2	Characterization of porous activated carbon prepared from arhar stalks by single step chemical activation method. <i>Materials Today: Proceedings</i> , 2021, 39, 1476-1481.	1.8	55
3	Effects of Environmental Conditions on Erosion Wear of Eggshell Particulate Epoxy Composites. <i>Silicon</i> , 2018, 10, 627-634.	3.3	34
4	Effect of biomass derived biochar materials on mechanical properties of biochar epoxy composites. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 5626-5638.	2.1	23
5	Experimental investigation of mechanical and erosion behavior of eggshell nanoparticulate epoxy biocomposite. <i>Polymers and Polymer Composites</i> , 2021, 29, 897-908.	1.9	20
6	Effects of environmental exposure on tribological properties of Arhar particulate/epoxy composites. <i>Polymer Composites</i> , 2018, 39, 3102-3109.	4.6	19
7	Investigation of tribological properties of biomass developed porous nano activated carbon composites. <i>Wear</i> , 2021, 466-467, 203523.	3.1	19
8	Influence of Distinct Environment on the Mechanical Characteristics of Arhar Fiber Polymer Composites. <i>Silicon</i> , 2018, 10, 825-830.	3.3	16
9	Mechanical characterization of arhar biomass based porous nano activated carbon polymer composites. <i>Polymer Composites</i> , 2020, 41, 3113-3123.	4.6	15
10	Moisture Absorption Behavior of Treated and Untreated Eggshell Particulate Epoxy Composites. <i>Silicon</i> , 2018, 10, 859-867.	3.3	13
11	A single step process to synthesize ordered porous carbon from coconut shells-eggshells biowaste. <i>Materials Research Express</i> , 2019, 6, 115613.	1.6	6
12	Study of environmental behavior and its effect on solid particle erosion behavior of hierarchical porous activated carbon-epoxy composite. <i>Polymer Composites</i> , 2022, 43, 2276-2287.	4.6	6
13	Study of moisture absorption and its effect on erosion wear behavior of eggshell nanoparticulate epoxy composite. <i>Materials Today: Proceedings</i> , 2020, 33, 5746-5750.	1.8	5
14	A comparison of the effect of nano clay addition on microstructures and mechanical properties of epoxy and polyester reinforced glass/sisal hybrid polymer composites. <i>Polymer Composites</i> , 2022, 43, 3871-3879.	4.6	5
15	Fabrication and Characterization of Silica Based Ceramic Composite for Filtration Applications. <i>Silicon</i> , 2021, 13, 1951-1960.	3.3	3
16	Effect of biomass-biochar content on the erosion wear performance of biochar epoxy composites. <i>Polymer Composites</i> , 2022, 43, 3189-3203.	4.6	3
17	Thermogravimetric Analysis of Biochar from Arhar Fiber Powder Prepared at Different Pyrolysis Temperatures. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 429-437.	0.4	1