

Kiran Shahapurkar

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

948
citations

623188

14
h-index

454577

30
g-index

35
all docs

35
docs citations

35
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of injection timing and duration on the performance of diesel engine fueled with port injection of oxygenated fuels. <i>Chemical Engineering Communications</i> , 2023, 210, 1060-1072.	1.5	16
2	Investigation on the effect of cottonseed oil blended with different percentages of octanol and suspended MWCNT nanoparticles on diesel engine characteristics. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 525-542.	2.0	51
3	Effect of various factors and diverse approaches to enhance the performance of solar stills: a comprehensive review. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 4491-4522.	2.0	42
4	Effect of crump rubber on the solid particle erosion response of epoxy composites. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51470.	1.3	13
5	A comprehensive analysis to assess the impact of nano MoS ₂ on the wear characteristic of Al-TiB ₂ -Gr composite. <i>Materials Research Express</i> , 2022, 9, 016525.	0.8	4
6	Investigation of Various Coating Resins for Optimal Anticorrosion and Mechanical Properties of Mild Steel Surface in NaCl Solution. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-9.	1.0	6
7	Experimental investigation on the flexural response of epoxy composites filled with environmental pollutant crump rubber. <i>Materials Research Express</i> , 2022, 9, 035503.	0.8	6
8	Influence of Graphene Nano Fillers and Carbon Nano Tubes on the Mechanical and Thermal Properties of Hollow Glass Microsphere Epoxy Composites. <i>Processes</i> , 2022, 10, 40.	1.3	14
9	Quasi-Static Flexural Behavior of Epoxy-Matrix-Reinforced Crump Rubber Composites. <i>Processes</i> , 2022, 10, 956.	1.3	5
10	Comprehensive review on polymer composites as electromagnetic interference shielding materials. <i>Polymers and Polymer Composites</i> , 2022, 30, 096739112211021.	1.0	8
11	Factors affecting the solid particle erosion of environment pollutant and natural particulate filled polymer composites—A review. <i>Polymers and Polymer Composites</i> , 2021, 29, 1587-1598.	1.0	6
12	Compressive behavior of crump rubber reinforced epoxy composites. <i>Polymer Composites</i> , 2021, 42, 329-341.	2.3	23
13	Effect of Sr@ZnO nanoparticles and Ricinus communis biodiesel-diesel fuel blends on modified CRDI diesel engine characteristics. <i>Energy</i> , 2021, 215, 119094.	4.5	141
14	Engine performance and emission characteristics of palm biodiesel blends with graphene oxide nanoplatelets and dimethyl carbonate additives. <i>Journal of Environmental Management</i> , 2021, 282, 111917.	3.8	86
15	An experimental assisted mathematical modeling to study the desorption capacity of the clay based solid desiccant. <i>Materials Research Express</i> , 2021, 8, 075501.	0.8	0
16	Experimental Analysis of Engine Performance and Exhaust Pollutant on a Single-Cylinder Diesel Engine Operated Using Moringa Oleifera Biodiesel. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7071.	1.3	47
17	Leverage of Environmental Pollutant Crump Rubber on the Dry Sliding Wear Response of Epoxy Composites. <i>Polymers</i> , 2021, 13, 2894.	2.0	14
18	Tensile behavior of environmental pollutant crumb rubber filled epoxy composites. <i>Materials Research Express</i> , 2021, 8, 095505.	0.8	9

#	ARTICLE	IF	CITATIONS
19	Potential of Utilization of Renewable Energy Technologies in Gulf Countries. Sustainability, 2021, 13, 10261.	1.6	18
20	Effect of Producer Gas from Redgram Stalk and Combustion Chamber Types on the Emission and Performance Characteristics of Diesel Engine. Energies, 2021, 14, 5879.	1.6	7
21	Experimental assessment on machinability performance of CNT and DLC coated HSS tools for hard turning. Diamond and Related Materials, 2021, 119, 108568.	1.8	15
22	Parametric Analysis of Epoxy/Crumb Rubber Composite by Using Taguchiâ€™GRA Hybrid Technique. Polymers, 2021, 13, 3441.	2.0	9
23	The Investigation of Mixed Ferrofluids Containing Iron Oxide nanoparticles and Microspheres. Advances in Materials Science and Engineering, 2021, 2021, 1-11.	1.0	2
24	Dynamic impact behavior of syntactic foam core sandwich composites. Journal of Composite Materials, 2020, 54, 535-547.	1.2	24
25	Optimum location and influence of tilt angle on performance of solar PV panels. Journal of Thermal Analysis and Calorimetry, 2020, 141, 511-532.	2.0	56
26	Performance and emission analysis of compression ignition engine using biodiesels from Acid oil, Mahua oil, and Castor oil. Heat Transfer, 2020, 49, 858-871.	1.7	14
27	Comprehensive review on the prediction of thermal behavior of solar stills with diverse designs. AIP Conference Proceedings, 2020, , .	0.3	9
28	Wear response review of natural and environment pollutant filled polymer composites. AIP Conference Proceedings, 2020, , .	0.3	0
29	Effect of Zinc Oxide Nano-Additives and Soybean Biodiesel at Varying Loads and Compression Ratios on VCR Diesel Engine Characteristics. Symmetry, 2020, 12, 1042.	1.1	79
30	Effect of cenosphere filler surface treatment on the erosion behavior of epoxy matrix syntactic foams. Polymer Composites, 2019, 40, 2109-2118.	2.3	32
31	Compressive behavior of cenosphere/epoxy syntactic foams in arctic conditions. Composites Part B: Engineering, 2018, 135, 253-262.	5.9	77
32	Influence of surface modification on wear behavior of fly ash cenosphere/epoxy syntactic foam. Wear, 2018, 414-415, 327-340.	1.5	46
33	Effect of arctic environment on flexural behavior of fly ash cenosphere reinforced epoxy syntactic foams. Composites Part B: Engineering, 2018, 151, 265-273.	5.9	52
34	Tensile behavior of cenosphere/epoxy syntactic foams. AIP Conference Proceedings, 2018, , .	0.3	7