Raviteja Surakasi

List of Publications by Year
in descending order

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13 papers	107 citations	1478505 6 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	53 citing authors

#	Article	IF	Citations
1	Analysis of Environmental Emission Neat Diesel-Biodieselâ€“Algae Oil-Nanometal Additives in Compression Ignition Engines. Journal of Nanomaterials, 2022, 2022, 1-7.	2.7	18
2	Investigation of Weight Fraction and Alkaline Treatment on Catechu Linnaeus/Hibiscus cannabinus/Sansevieria Ehrenbergii Plant Fibers-Reinforced Epoxy Hybrid Composites. Advances in Materials Science and Engineering, 2022, 2022, 1-9.	1.8	17
3	Mechanical Behavior of Aluminum and Graphene Nanopowder-Based Composites. International Journal of Chemical Engineering, 2022, 2022, 1-13.	2.4	13
4	Nanometal-Based Magnesium Oxide Nanoparticle with C. vulgaris Algae Biodiesel in Diesel Engine. Journal of Nanomaterials, 2022, 2022, 1-9.	2.7	12
5	Chlorella protothecoides Algae Oil and Its Mixes with Lower and Higher Alcohols and Al2O3 Metal Nanoadditives for Reduction of Pollution in a CI Engine. Journal of Nanomaterials, 2022, 2022, 1-6.	2.7	11
6	Water Removal from an Ethanol-Water Mixture at Azeotropic Condition by Adsorption Technique. Adsorption Science and Technology, 2022, 2022, .	3.2	8
7	Stability and Thermo-Physical Properties of Ethylene Glycol Based Nanofluids for Solar Thermal Applications. International Journal of Heat and Technology, 2021, 39, 137-144.	0.6	6
8	Evaluation of Physicothermal Properties of Solar Thermic Fluids Dispersed with Multiwalled Carbon Nanotubes and Prediction of Data Using Artificial Neural Networks. Journal of Nanomaterials, 2021, 2021, 1-13.	2.7	6
9	Evaluation of Physicothermal Properties of Silicone Oil Dispersed with Multiwalled Carbon Nanotubes and Data Prediction Using ANN. Journal of Nanomaterials, 2021, 2021, 1-11.	2.7	6
10	Synthesis and Characterization of TiO₂-Water Nanofluids. Adsorption Science and Technology, 2022, 2022, .	3.2	5
11	Evaluation of physico-thermal properties of TiO2â€“water mixture dispersed with MWCNTs. Nanotechnology for Environmental Engineering, 2022, 7, 325-331.	3.3	4
12	Optimization of the Process of Metal NanoCalcium Oxide Based Biodiesel Production through Simulation Using SuperPro Designer. Journal of Engineering (United States), 2022, 2022, 1-6.	1.0	1
13	Liquid Fuels Derived from Microalgae: Physicochemical Analysis. Journal of Engineering (United) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	0