

R Muraliraja

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

285
citations

933447

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1281871

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11
all docs

11
docs citations

11
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Momordica charantia seed biodiesel with cerium oxide nanoparticle on CI engine. International Journal of Ambient Energy, 2021, 42, 1615-1619.	2.5	53
2	Investigation on the effect of thermal barrier coating at different dosing levels of cerium oxide nanoparticle fuel on diesel in a CI engine. International Journal of Ambient Energy, 2020, 41, 98-104.	2.5	49
3	Influence of nickel recovery efficiency on crystallinity and microhardness of electroless Ni-P coatings and optimisation using Taguchi technique. Transactions of the Institute of Metal Finishing, 2015, 93, 126-132.	1.3	34
4	Estimation of Zwitterionic Surfactant Response in Electroless Composite Coating and Properties of Ni-P-CuO (Nano)Coating. Arabian Journal for Science and Engineering, 2019, 44, 821-828.	3.0	33
5	Control of carbon dioxide emission in automobile vehicles using CO ₂ scrubber. International Journal of Ambient Energy, 2019, 40, 699-703.	2.5	32
6	Utilization of solar resource using phase change material assisted solar water heater and the influence of nano filler. Materials Today: Proceedings, 2021, 37, 1281-1285.	1.8	21
7	Synthesis and testing of aluminium composite using industrial waste as reinforcement. Materials Today: Proceedings, 2021, 37, 634-637.	1.8	17
8	Investigation of Tamarind Seed Oil biodiesel with aluminium oxide nanoparticle in CI engine. Materials Today: Proceedings, 2021, 37, 1417-1421.	1.8	16
9	Influence of a Zwitterionic Surfactant on the Surface Properties of Electroless Ni-P Coating on Mild Steel. Journal of Surfactants and Detergents, 2016, 19, 1081-1088.	2.1	15
10	Effect of zwitterionic surfactant on tribological behaviour of electroless plating. Surface Engineering, 2014, 30, 752-757.	2.2	12
11	Modelling and optimisation of ENi-P-TiO ₂ coatings synthesised with Zwitterionic surfactant on naval grade AH36 Steel. Sadhana - Academy Proceedings in Engineering Sciences, 2022, 47, .	1.3	3