

# 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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h-index

1281871

11  
g-index

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docs citations

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times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and optimisation of ENi-P-TiO <sub>2</sub> coatings synthesised with Zwitterionic surfactant on naval grade AH36 Steel. Sadhana - Academy Proceedings in Engineering Sciences, 2022, 47, .	1.3	3
2	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
3	Synthesis and testing of aluminium composite using industrial waste as reinforcement. Materials Today: Proceedings, 2021, 37, 634-637.	1.8	17
4	Investigation of Tamarind Seed Oil biodiesel with aluminium oxide nanoparticle in CI engine. Materials Today: Proceedings, 2021, 37, 1417-1421.	1.8	16
5	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
6	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
7	Estimation of Zwitterionic Surfactant Response in Electroless Composite Coating and Properties of Niâ€Pâ€CuO (Nano)Coating. Arabian Journal for Science and Engineering, 2019, 44, 821-828.	3.0	33
8	Control of carbon dioxide emission in automobile vehicles using CO <sub>2</sub> scrubber. International Journal of Ambient Energy, 2019, 40, 699-703.	2.5	32
9	Influence of a Zwitterionic Surfactant on the Surface Properties of Electroless Niâ€P Coating on Mild Steel. Journal of Surfactants and Detergents, 2016, 19, 1081-1088.	2.1	15
10	Influence of nickel recovery efficiency on crystallinity and microhardness of electroless Niâ€P coatings and optimisation using Taguchi technique. Transactions of the Institute of Metal Finishing, 2015, 93, 126-132.	1.3	34
11	Effect of zwitterionic surfactant on tribological behaviour of electroless plating. Surface Engineering, 2014, 30, 752-757.	2.2	12