

Rajesh Choudhary

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

292
citations

1684188

5
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability analysis of Al ₂ O ₃ /water nanofluids. Journal of Experimental Nanoscience, 2017, 12, 140-151.	2.4	191
2	Aspect ratio dependence of turbulent natural convection in Al ₂ O ₃ /water nanofluids. Applied Thermal Engineering, 2016, 108, 1095-1104.	6.0	44
3	A critical review of forced convection heat transfer and pressure drop of Al ₂ O ₃ , TiO ₂ and CuO nanofluids. Heat and Mass Transfer, 2017, 53, 343-361.	2.1	25
4	Investigation of Thermal Conductivity and Viscosity of Al ₂ O ₃ /Water Nanofluids Using Full Factorial Design and Utility Concept. Nano, 2016, 11, 1650093.	1.0	15
5	Oberbeck-Boussinesq approximations and geometrical confinement effects of free convection in open cavity. Heat and Mass Transfer, 2019, 55, 2095-2102.	2.1	5
6	A review on the utilization of nanoparticles in the refrigeration system as nano-refrigerant and nano-lubricant. Materials Today: Proceedings, 2022, 50, 782-788.	1.8	4
7	Multi-objective Performance Optimization of a Ribbed Solar Air Heater. Energy, Environment, and Sustainability, 2020, , 77-93.	1.0	4
8	Parametric evaluation of B20 blend of mahua biodiesel with nanomaterial additives. Materials Today: Proceedings, 2021, , .	1.8	2
9	A Taguchi approach for optimization of design parameters on Rayleigh-Bénard convection in water-based Al ₂ O ₃ nanofluids. World Journal of Engineering, 2022, 19, 375-380.	1.6	1
10	A comparative study of ventilation system used for the bacteria prevention in operation room in healthcare units. Materials Today: Proceedings, 2022, 50, 2355-2360.	1.8	1