

# Rajesh Choudhary

## List of Publications by Year in descending order

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10  
papers

292  
citations

1684188

5  
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1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

378  
citing authors

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