

Praveen kumar Kanti

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

356
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and computational determination of heat transfer, entropy generation and pressure drop under turbulent flow in a tube with fly ash-Cu hybrid nanofluid. International Journal of Thermal Sciences, 2021, 167, 107016.	4.9	45
2	Experimental investigation on thermo-hydraulic performance of water-based fly ash-Cu hybrid nanofluid flow in a pipe at various inlet fluid temperatures. International Communications in Heat and Mass Transfer, 2021, 124, 105238.	5.6	42
3	Entropy generation and friction factor analysis of fly ash nanofluids flowing in a horizontal tube: Experimental and numerical study. International Journal of Thermal Sciences, 2021, 166, 106972.	4.9	34
4	Properties of water-based fly ash-copper hybrid nanofluid for solar energy applications: Application of RBF model. Solar Energy Materials and Solar Cells, 2022, 234, 111423.	6.2	31
5	Experimental determination of thermophysical properties of Indonesian fly-ash nanofluid for heat transfer applications. Particulate Science and Technology, 2021, 39, 597-606.	2.1	29
6	Experimental investigation on thermal conductivity of fly ash nanofluid and fly ash-Cu hybrid nanofluid: prediction and optimization via ANN and MGGP model. Particulate Science and Technology, 2022, 40, 182-195.	2.1	27
7	Thermal performance of hybrid fly ash and copper nanofluid in various mixture ratios: Experimental investigation and application of a modern ensemble machine learning approach. International Communications in Heat and Mass Transfer, 2021, 129, 105731.	5.6	21
8	Thermal performance of fly ash nanofluids at various inlet fluid temperatures: An experimental study. International Communications in Heat and Mass Transfer, 2020, 119, 104926.	5.6	19
9	Experimental determination for viscosity of fly ash nanofluid and fly ash-Cu hybrid nanofluid: Prediction and optimization using artificial intelligent techniques. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-20.	2.3	18
10	Experimental study on density and thermal conductivity properties of Indian coal fly ash water-based nanofluid. International Journal of Ambient Energy, 2022, 43, 2557-2562.	2.5	17
11	Numerical study on the thermo-hydraulic performance analysis of fly ash nanofluid. Journal of Thermal Analysis and Calorimetry, 2022, 147, 2101-2113.	3.6	17
12	Stability and thermophysical properties of fly ash nanofluid for heat transfer applications. Heat Transfer, 2020, 49, 4722-4737.	3.0	14
13	Effect of ball milling on the thermal conductivity and viscosity of Indian coal fly ash nanofluid. Heat Transfer, 2020, 49, 4475-4490.	3.0	12
14	Thermophysical properties of fly ash-Cu hybrid nanofluid for heat transfer applications. Heat Transfer, 2020, 49, 4491-4510.	3.0	12
15	Influence of particle size on thermal conductivity and dynamic viscosity of water-based Indian coal fly ash nanofluid. Heat Transfer, 2022, 51, 413-433.	3.0	8
16	Numerical study on fly ash-Cu hybrid nanofluid heat transfer characteristics. IOP Conference Series: Materials Science and Engineering, 2021, 1013, 012031.	0.6	6
17	A CFD Study on fly ash nanofluid heat transfer behavior in a circular tube. IOP Conference Series: Materials Science and Engineering, 2020, 1013, 012030.	0.6	4