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List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

382
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal performance enhancement of an evacuated tube solar collector using graphene nanoplatelets nanofluid. <i>Journal of Cleaner Production</i> , 2017, 162, 121-129.	9.3	149
2	Evaluation of viscosity and thermal conductivity of graphene nanoplatelets nanofluids through a combined experimental–statistical approach using respond surface methodology method. <i>International Communications in Heat and Mass Transfer</i> , 2016, 79, 74-80.	5.6	63
3	Novel investigation of the different Omni-direction-guide-vane angles effects on the urban vertical axis wind turbine output power via three-dimensional numerical simulation. <i>Energy Conversion and Management</i> , 2016, 117, 206-217.	9.2	60
4	Computational and experimental optimization of the exhaust air energy recovery wind turbine generator. <i>Energy Conversion and Management</i> , 2016, 126, 862-874.	9.2	29
5	Thermal Performance and Numerical Simulation of the 1-Pyrene Carboxylic-Acid Functionalized Graphene Nanofluids in a Sintered Wick Heat Pipe. <i>Energies</i> , 2020, 13, 6542.	3.1	19
6	A critical assessment on synergistic improvement in PCM based thermal batteries. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110259.	16.4	15
7	Experimental and numerical assessments of underlying natural air movement on PV modules temperature. <i>Solar Energy</i> , 2021, 216, 610-622.	6.1	15
8	Thermal performance evaluation of the heat pipe by using 1-pyrene carboxylic-acid functionalized graphene nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2021, 129, 105669.	5.6	11
9	Using Graphene Nanoplatelets Nanofluid in a Closed-Loop Evacuated Tube Solar Collector–Energy and Exergy Analysis. <i>Journal of Composites Science</i> , 2021, 5, 277.	3.0	6
10	Optimization of Electrical Discharge Machining Parameters of Co-Cr-Mo Using Central Composite Design. <i>Smart Innovation, Systems and Technologies</i> , 2017, , 48-57.	0.6	5
11	A Comparative Computational Fluid Dynamics Study on an Innovative Exhaust Air Energy Recovery Wind Turbine Generator. <i>Energies</i> , 2016, 9, 346.	3.1	4
12	Effect of modifier elements on machinability of Al-20%Mg ₂ Si metal matrix composite during dry turning. <i>Machining Science and Technology</i> , 2016, 20, 460-474.	2.5	4
13	Analytical simulation of influential parameters affecting grooved wet clutches performance underdisengagement condition. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2022, 236, 1113-1122.	1.8	2
14	Behaviour of Acrylonitrile Butadiene Styrene (ABS) during Dewaxing Process for Investment Casting of Proximal Humerus Implant. <i>Advanced Materials Research</i> , 0, 1125, 499-503.	0.3	0