

Naveen Sharma

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

305
citations

933447

10
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic techniques used for optimization in solar systems: A review. Renewable and Sustainable Energy Reviews, 2012, 16, 1399-1411.	16.4	66
2	A particle swarm optimization algorithm for optimization of thermal performance of a smooth flat plate solar air heater. Energy, 2012, 38, 406-413.	8.8	50
3	Experimental Investigation of Heat Transfer Enhancement in Rectangular Duct with Pentagonal Ribs. Heat Transfer Engineering, 2019, 40, 147-165.	1.9	31
4	Construction and Performance Analysis of an Indirect Solar Dryer Integrated with Solar Air Heater. Procedia Engineering, 2012, 38, 3260-3269.	1.2	30
5	Experimental investigation of the performance of an indirect-mode natural convection solar dryer for drying fenugreek leaves. Journal of Thermal Analysis and Calorimetry, 2014, 118, 523-531.	3.6	29
6	Optimization of a smooth flat plate solar air heater using stochastic iterative perturbation technique. Solar Energy, 2011, 85, 2331-2337.	6.1	25
7	Detailed heat transfer and fluid flow investigation in a rectangular duct with truncated prismatic ribs. Experimental Thermal and Fluid Science, 2018, 96, 383-396.	2.7	25
8	Detailed heat transfer and friction factor characteristics in a rectangular duct with alternate solid and converging-slit ribs. Experimental Heat Transfer, 2018, 31, 552-570.	3.2	14
9	Aerothermal Characteristics of Solid and Slitted Pentagonal Rib Turbulators. Journal of Heat Transfer, 2018, 140, .	2.1	13
10	Experimental investigation of flow structure due to truncated prismatic rib turbulators using particle image velocimetry. Experimental Thermal and Fluid Science, 2018, 91, 479-508.	2.7	12
11	Effect of Copper Fins on Fresh Water Productivity of Pyramid Solar Still. Lecture Notes in Mechanical Engineering, 2022, , 83-91.	0.4	5
12	Thermal performance optimization of smooth flat plate solar air heater (SFPSAH) using simulated annealing: Evaluation and comparisons. , 2011, , .		3
13	Performance Optimization of Trapezium Rib Parameters Using Response Surface Methodology. , 2017, , .		2
14	Experimental Study of Detailed Heat Transfer and Fluid Flow Characteristics in a Rectangular Duct With Solid and Slitted Pentagonal Ribs. , 2017, , .		0