

Sanjeev Jakhar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

548
citations

687363

13
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Historical and recent development of concentrating photovoltaic cooling technologies. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 60, 41-59.	16.4	147
2	Thermal performance investigation of earth air tunnel heat exchanger coupled with a solar air heating duct for northwestern India. <i>Energy and Buildings</i> , 2015, 87, 360-369.	6.7	64
3	Heat transfer and entropy generation analysis of alumina/water nanofluid in a flat plate PV/T collector under equal pumping power comparison criterion. <i>Renewable Energy</i> , 2018, 120, 14-22.	8.9	42
4	An integrated photovoltaic thermal solar (IPVTS) system with earth water heat exchanger cooling: Energy and exergy analysis. <i>Solar Energy</i> , 2017, 157, 81-93.	6.1	35
5	Experimental and theoretical analysis of hybrid concentrated photovoltaic/thermal system using parabolic trough collector. <i>Applied Thermal Engineering</i> , 2020, 171, 115069.	6.0	31
6	Parametric simulation and experimental analysis of earth air heat exchanger with solar air heating duct. <i>Engineering Science and Technology, an International Journal</i> , 2016, 19, 1059-1066.	3.2	25
7	Field investigations to determine the thermal performance of earth air tunnel heat exchanger with dry and wet soil: Energy and exergetic analysis. <i>Energy and Buildings</i> , 2018, 171, 107-115.	6.7	25
8	Performance Analysis of Earth Water Heat Exchanger for Concentrating Photovoltaic Cooling. <i>Energy Procedia</i> , 2016, 90, 145-153.	1.8	22
9	Second law thermodynamic study of solar assisted distillation system: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 56, 519-535.	16.4	21
10	Experimental and theoretical analysis of glazed tube-and-sheet photovoltaic/thermal system with earth water heat exchanger cooling. <i>Energy Conversion and Management</i> , 2017, 153, 576-588.	9.2	20
11	Modelling and Simulation of Concentrating Photovoltaic System with Earth Water Heat Exchanger Cooling. <i>Energy Procedia</i> , 2017, 109, 78-85.	1.8	18
12	Thermal Modeling of a Rooftop Photovoltaic/Thermal System With Earth Air Heat Exchanger for Combined Power and Space Heating. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2018, 140, .	1.8	18
13	Exergy analysis of a photovoltaic thermal system with earth water heat exchanger cooling system based on experimental data. <i>International Journal of Exergy</i> , 2017, 23, 367.	0.4	15
14	Assessment of alumina/water nanofluid in a glazed tube and sheet photovoltaic/thermal system with geothermal cooling. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 3901-3918.	3.6	13
15	Analysis of Water Cooling of CPV Cells Mounted on Absorber Tube of a Parabolic Trough Collector. <i>Energy Procedia</i> , 2016, 90, 78-88.	1.8	11
16	Parametric modeling and simulation of photovoltaic panels with earth water heat exchanger cooling. <i>Geothermal Energy</i> , 2016, 4, .	1.9	11
17	Performance Analysis of Photovoltaic Panels with Earth Water Heat Exchanger Cooling. <i>MATEC Web of Conferences</i> , 2016, 55, 02003.	0.2	10
18	Comparative Analysis for Solar Energy Based Learning Factory: Case Study for TU Braunschweig and BITS Pilani. <i>Procedia CIRP</i> , 2018, 69, 407-411.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Experimental investigation of exergy performance of a water cooled hybrid photovoltaic thermal collector. International Journal of Exergy, 2020, 31, 330.	0.4	5
20	Second law analysis of an integrated parabolic trough photovoltaic thermal system. AIP Conference Proceedings, 2020, , .	0.4	1
21	Modelling and Simulation of Photovoltaic Thermal Cooling System Using Different Types of Nanofluids. Lecture Notes in Mechanical Engineering, 2021, , 1-11.	0.4	1