

Hasila Jarimi

List of Publications by Year in descending order

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37
papers

729
citations

840776

11
h-index

552781

26
g-index

39
all docs

39
docs citations

39
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-fluid photovoltaic/thermal (PV/T) solar collector: Experimental validation of a 2-D theoretical model. <i>Renewable Energy</i> , 2016, 85, 1052-1067.	8.9	113
2	Review of sustainable methods for atmospheric water harvesting. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 253-276.	2.6	111
3	Design concept and mathematical model of a bi-fluid photovoltaic/thermal (PV/T) solar collector. <i>Renewable Energy</i> , 2014, 67, 153-164.	8.9	84
4	Review on the recent progress of thermochemical materials and processes for solar thermal energy storage and industrial waste heat recovery. <i>International Journal of Low-Carbon Technologies</i> , 2019, 14, 44-69.	2.6	76
5	Review on window-glazing technologies and future prospects. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 112-120.	2.6	65
6	Experimental and economic analysis of passive cooling PV module using fins and planar reflector. <i>Case Studies in Thermal Engineering</i> , 2021, 23, 100801.	5.7	49
7	Experimental investigation of a polymer hollow fibre integrated liquid desiccant dehumidification system with aqueous potassium formate solution. <i>Applied Thermal Engineering</i> , 2018, 142, 632-643.	6.0	35
8	Enhanced heat dissipation of truncated multi-level fin heat sink (MLFHS) in case of natural convection for photovoltaic cooling. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101578.	5.7	19
9	Economic evaluation of installation of standalone wind farm and wind+CAES system for the new regulating tariffs for renewables in Egypt. <i>Thermal Science and Engineering Progress</i> , 2018, 7, 311-325.	2.7	17
10	Design, mathematical modelling and experimental investigation of vacuum insulated semi-transparent thin-film photovoltaic (PV) glazing. <i>Journal of Building Engineering</i> , 2020, 31, 101430.	3.4	16
11	A Review on Thermoregulation Techniques in Honey Bees™ (Apis Mellifera) Beehive Microclimate and Its Similarities to the Heating and Cooling Management in Buildings. <i>Future Cities and Environment</i> , 2020, 6, .	1.6	15
12	Recent advances in passive cooling methods for photovoltaic performance enhancement. <i>International Journal of Electrical and Computer Engineering</i> , 2021, 11, 146.	0.7	13
13	Materials characterization of innovative composite materials for solar-driven thermochemical heat storage (THS) suitable for building application. <i>International Journal of Low-Carbon Technologies</i> , 2019, 14, 313-325.	2.6	11
14	Performance Analysis of a Hybrid Thin Film Photovoltaic (PV) Vacuum Glazing. <i>Future Cities and Environment</i> , 2020, 6, .	1.6	11
15	Performance Analysis of a Double Pass Solar Air Thermal Collector with Porous Media Using Lava Rock. <i>Energies</i> , 2022, 15, 905.	3.1	11
16	Performance enhancement of double pass photovoltaic/thermal solar collector using asymmetric compound parabolic concentrator (PV/T-ACPC) for facade application in different climates. <i>Case Studies in Thermal Engineering</i> , 2022, 34, 101998.	5.7	11
17	Mathematical modelling of a finned bi-fluid type photovoltaic/thermal (PV/T) solar collector. , 2013, , .		10
18	Outdoor performance evaluation of a novel photovoltaic heat sinks to enhance power conversion efficiency and temperature uniformity. <i>Case Studies in Thermal Engineering</i> , 2022, 31, 101811.	5.7	10

#	ARTICLE	IF	CITATIONS
19	Solar adsorption air conditioning system "Recent advances and its potential for cooling an office building in tropical climate. Case Studies in Thermal Engineering, 2021, 27, 101275.	5.7	7
20	A Bi-fluid PV/T Solar Collector and Its Potential Application in Solar Drying. Innovative Renewable Energy, 2020, , 779-789.	0.4	7
21	Bi-fluid Photovoltaic/Thermal PV/T Solar Collector with Three Modes of Operation: Experimental Validation of a Theoretical Model. , 2017, , 445-464.		5
22	Theoretic analysis and experimental evaluation of the spectrum transmission coefficient of a multilayer photovoltaic vacuum glazing. International Journal of Low-Carbon Technologies, 2020, 15, 574-582.	2.6	5
23	Performance analysis and design implementation of a novel polymer hollow fiber liquid desiccant dehumidifier with aqueous potassium formate. Thermal Science and Engineering Progress, 2019, 13, 100366.	2.7	4
24	Heat Transfer Analysis of the Flat Plate Solar Thermal Collectors with Elliptical and Circular Serpentine Tubes. Applied Sciences (Switzerland), 2022, 12, 4519.	2.5	4
25	Investigation on the Thermal Characteristics of a Bi-fluid-Type Hybrid Photovoltaic/Thermal (PV/T) Solar Collector. , 2016, , 973-982.		3
26	Exergy-based sustainability analysis of a dual fluid hybrid photovoltaic and thermal solar collector. International Journal of Exergy, 2021, 35, 358.	0.4	3
27	Performance Analysis and Parametric Studies of a Bi-fluid Type Photovoltaic/Thermal (PV/T) Solar Collector in Simultaneous Mode Under Tropical Climate Conditions. , 2017, , 429-444.		3
28	Performance Analysis of an integrated Semi-Transparent Thin Film PV Vacuum Insulated Glazing. Hittite Journal of Science & Engineering, 2019, 6, 275-286.	0.5	2
29	Artificial Neural Network Prediction Model of Dust Effect on Photovoltaic Performance for Residential applications: Malaysia Case Study. International Journal of Renewable Energy Development, 2022, 11, 365-373.	2.4	2
30	Analysis of the Overall Transmittance of Self-cleaning Photovoltaic Glazing. IOP Conference Series: Earth and Environmental Science, 2019, 300, 042105.	0.3	0
31	Theory and Mechanism of Nocturnal Cooling. SpringerBriefs in Applied Sciences and Technology, 2019, , 7-14.	0.4	0
32	Performance Studies of Nocturnal Cooling: The State of the Art. SpringerBriefs in Applied Sciences and Technology, 2019, , 23-49.	0.4	0
33	Introduction: Overview of Buildings and Passive Cooling Technique. SpringerBriefs in Applied Sciences and Technology, 2019, , 1-6.	0.4	0
34	Types and Configurations of Nocturnal Cooling Systems. SpringerBriefs in Applied Sciences and Technology, 2019, , 15-22.	0.4	0
35	Potentials of Nocturnal Cooling in Various Locations/Countries and Climatic Conditions. SpringerBriefs in Applied Sciences and Technology, 2019, , 51-61.	0.4	0
36	Challenges, Future Outlook and Opportunities. SpringerBriefs in Applied Sciences and Technology, 2019, , 63-66.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Grid Impact Study of a 1MWp Photovoltaic Power Plant Connected to the National Electricity Grid in Deir ALGhusun, Palestine. , 2021, , .		0