

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	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
2	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
3	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
4	Artificial Neural Network Prediction Model of Dust Effect on Photovoltaic Performance for Residential applications: Malaysia Case Study. <i>International Journal of Renewable Energy Development</i> , 2022, 11, 365-373.	2.4	2
5	Heat Transfer Analysis of the Flat Plate Solar Thermal Collectors with Elliptical and Circular Serpentine Tubes. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4519.	2.5	4
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	Exergy-based sustainability analysis of a dual fluid hybrid photovoltaic and thermal solar collector. <i>International Journal of Exergy</i> , 2021, 35, 358.	0.4	3
8	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
9	Solar adsorption air conditioning system "Recent advances and its potential for cooling an office building in tropical climate. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101275.	5.7	7
10	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
11	Grid Impact Study of a 1MWp Photovoltaic Power Plant Connected to the National Electricity Grid in Deir AlGhusun, Palestine. , 2021, , .		0
12	Review on window-glazing technologies and future prospects. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 112-120.	2.6	65
13	Theoretic analysis and experimental evaluation of the spectrum transmission coefficient of a multilayer photovoltaic vacuum glazing. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 574-582.	2.6	5
14	Review of sustainable methods for atmospheric water harvesting. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 253-276.	2.6	111
15	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
16	A Bi-fluid PV/T Solar Collector and Its Potential Application in Solar Drying. <i>Innovative Renewable Energy</i> , 2020, , 779-789.	0.4	7
17	Performance Analysis of a Hybrid Thin Film Photovoltaic (PV) Vacuum Glazing. <i>Future Cities and Environment</i> , 2020, 6, .	1.6	11
18	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

#	ARTICLE	IF	CITATIONS
19	Analysis of the Overall Transmittance of Self-cleaning Photovoltaic Glazing. IOP Conference Series: Earth and Environmental Science, 2019, 300, 042105.	0.3	0
20	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
21	Theory and Mechanism of Nocturnal Cooling. SpringerBriefs in Applied Sciences and Technology, 2019, , 7-14.	0.4	0
22	Performance Studies of Nocturnal Cooling: The State of the Art. SpringerBriefs in Applied Sciences and Technology, 2019, , 23-49.	0.4	0
23	Introduction: Overview of Buildings and Passive Cooling Technique. SpringerBriefs in Applied Sciences and Technology, 2019, , 1-6.	0.4	0
24	Types and Configurations of Nocturnal Cooling Systems. SpringerBriefs in Applied Sciences and Technology, 2019, , 15-22.	0.4	0
25	Potentials of Nocturnal Cooling in Various Locations/Countries and Climatic Conditions. SpringerBriefs in Applied Sciences and Technology, 2019, , 51-61.	0.4	0
26	Review on the recent progress of thermochemical materials and processes for solar thermal energy storage and industrial waste heat recovery. International Journal of Low-Carbon Technologies, 2019, 14, 44-69.	2.6	76
27	Materials characterization of innovative composite materials for solar-driven thermochemical heat storage (THS) suitable for building application. International Journal of Low-Carbon Technologies, 2019, 14, 313-325.	2.6	11
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	Challenges, Future Outlook and Opportunities. SpringerBriefs in Applied Sciences and Technology, 2019, , 63-66.	0.4	0
30	Experimental investigation of a polymer hollow fibre integrated liquid desiccant dehumidification system with aqueous potassium formate solution. Applied Thermal Engineering, 2018, 142, 632-643.	6.0	35
31	Economic evaluation of installation of standalone wind farm and wind+CAES system for the new regulating tariffs for renewables in Egypt. Thermal Science and Engineering Progress, 2018, 7, 311-325.	2.7	17
32	Bi-fluid Photovoltaic/Thermal PV/T Solar Collector with Three Modes of Operation: Experimental Validation of a Theoretical Model. , 2017, , 445-464.		5
33	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
34	Investigation on the Thermal Characteristics of a Bi-fluid-Type Hybrid Photovoltaic/Thermal (PV/T) Solar Collector. , 2016, , 973-982.		3
35	Bi-fluid photovoltaic/thermal (PV/T) solar collector: Experimental validation of a 2-D theoretical model. Renewable Energy, 2016, 85, 1052-1067.	8.9	113
36	Design concept and mathematical model of a bi-fluid photovoltaic/thermal (PV/T) solar collector. Renewable Energy, 2014, 67, 153-164.	8.9	84

#	ARTICLE	IF	CITATIONS
37	Mathematical modelling of a finned bi-fluid type photovoltaic/thermal (PV/T) solar collector. , 2013, , .		10