

Omer

List of Publications by Year in descending order

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36
papers

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citations

623734

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36
docs citations

36
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the performance of Photovoltaic/Trombe wall system using the porous medium: Experimental and theoretical study. <i>Energy</i> , 2019, 171, 14-26.	8.8	79
2	Influence of porous media on the performance of hybrid PV/Thermal collector. <i>Renewable Energy</i> , 2017, 112, 378-387.	8.9	75
3	New design of solar chimney (case study). <i>Case Studies in Thermal Engineering</i> , 2018, 11, 105-112.	5.7	68
4	Dust effect on the performance of the hybrid PV/Thermal collector. <i>Thermal Science and Engineering Progress</i> , 2017, 3, 114-122.	2.7	53
5	Reflective mirrors effect on the performance of the hybrid PV/thermal water collector. <i>Energy for Sustainable Development</i> , 2018, 43, 235-246.	4.5	53
6	Performance augmentation of a PV/Trombe wall using Al ₂ O ₃ /Water nano-fluid: An experimental investigation. <i>Renewable Energy</i> , 2020, 157, 515-529.	8.9	52
7	Experimental investigation of PV/thermal collector with theoretical analysis. <i>Renewable Energy Focus</i> , 2018, 27, 67-77.	4.5	41
8	Performance of solar pond integrated with photovoltaic/thermal collectors. <i>Energy Reports</i> , 2020, 6, 3200-3211.	5.1	30
9	Improving the thermal insulation and mechanical properties of concrete using Nano-SiO ₂ . <i>Results in Engineering</i> , 2021, 12, 100303.	5.1	28
10	Hybrid solar chimneys: A comprehensive review. <i>Energy Reports</i> , 2022, 8, 438-460.	5.1	24
11	A numerical and experimental investigation for a triangular storage collector. <i>Solar Energy</i> , 2018, 171, 884-892.	6.1	21
12	Experimental and numerical investigation of cylindrical storage collector (case study). <i>Case Studies in Thermal Engineering</i> , 2017, 10, 362-369.	5.7	18
13	Effect of climate and design parameters on the temperature distribution of a room. <i>Journal of Building Engineering</i> , 2018, 17, 115-124.	3.4	18
14	Performance of Bi-fluid PV/thermal collector integrated with phase change material: Experimental assessment. <i>Solar Energy</i> , 2022, 235, 50-61.	6.1	17
15	Performance analysis of PV/Trombe with water and air heating system: an experimental and theoretical study. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 2535-2555.	2.3	16
16	Effect of the Dust on the Performance of Solar Water Collectors in Iraq. <i>International Journal of Renewable Energy Development</i> , 2016, 5, 65-72.	2.4	15
17	A state of the art review of PV&Trombe wall system: Design and applications. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13370.	2.3	15
18	Influence of glass cover on the characteristics of PV/trombe wall with Bi-fluid cooling. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101273.	5.7	13

#	ARTICLE	IF	CITATIONS
19	The combined effect of nanofluid and reflective mirrors on the performance of PV/thermal solar collector. Thermal Science, 2018, , 92-92.	1.1	12
20	Photovoltaic Thermal Collectors Integrated with Phase Change Materials: A Comprehensive Analysis. Electronics (Switzerland), 2022, 11, 337.	3.1	11
21	Effect of cooling method on the performance of PV/Trombe wall: Experimental assessment. Thermal Science and Engineering Progress, 2022, 30, 101273.	2.7	11
22	Optimization of PV/T Solar Water Collector based on Fuzzy Logic Control. International Journal of Renewable Energy Development, 2020, 9, 303-310.	2.4	10
23	Performance analysis of the new design of photovoltaic/storage solar collector. Energy Storage, 2019, 1, e79.	4.3	8
24	Assessment of the Performance for a Hybrid PV / Solar Chimney. International Journal of Engineering and Technology(UAE), 2018, 7, 114.	0.3	8
25	Experimental Study of a Rectangular Storage Solar Collector with a numerical analysis. IOP Conference Series: Materials Science and Engineering, 2019, 518, 032023.	0.6	4
26	A new method to improve the performance of solar chimneys. , 2020, , .		4
27	Enhancement of Gasoline Fuel Quality with Commercial Additives to Improve Engine Performance. IOP Conference Series: Materials Science and Engineering, 2020, 745, 012065.	0.6	3
28	Comparison of local gasoline fuel characteristics and SI engine performance with commercial fuel additives. AIP Conference Proceedings, 2020, , .	0.4	3
29	A New Design of PV/Storage Solar Collector. , 2019, , .		2
30	Performance analysis of a bi-fluid photovoltaic/trombe wall under Iraqi climate. AIP Conference Proceedings, 2020, , .	0.4	2
31	Optimization of Simple Solar Still Performance Using Fuzzy Logic Control. , 2020, , .		2
32	Experimental Study of Performance of Solar Chimney. IOP Conference Series: Materials Science and Engineering, 2021, 1094, 012046.	0.6	2
33	Performance investigation on an integrated multi-stage cylindrical-tank solar water heater. AIP Conference Proceedings, 2018, , .	0.4	1
34	Determining the Coefficients of the Wedge Storage Solar Collector Based on Fuzzy Logic. , 2018, , .		1
35	Recent Advances in Photovoltaic-Trombe Wall System: A Review. , 0, , .		1
36	Performance Assessment of a Triangular Integrated Collector Using Neural Networks. Polytechnic Journal, 2020, 10, 175-181.	0.2	0