

Am Elbreki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5329118/publications.pdf>

Version: 2024-02-01

15
papers

495
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of climatic-design-operational parameters on combined PV/T collector performance: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 57, 602-647.	16.4	91
2	Mathematical and experimental evaluation of thermal and electrical efficiency of PV/T collector using different water based nano-fluids. <i>Energy</i> , 2018, 145, 770-792.	8.8	63
3	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
4	An innovative technique of passive cooling PV module using lapping fins and planner reflector. <i>Case Studies in Thermal Engineering</i> , 2020, 19, 100607.	5.7	48
5	Performance study on photovoltaic/thermal solar-assisted heat pump system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 79-87.	3.6	46
6	Towards adopting passive heat dissipation approaches for temperature regulation of PV module as a sustainable solution. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 69, 961-1017.	16.4	45
7	A review of thermoelectric power generation systems: Roles of existing test rigs/ prototypes and their associated cooling units on output performance. <i>Energy Conversion and Management</i> , 2018, 174, 138-156.	9.2	34
8	Simultaneous enhancement in light absorption and charge transportation of bismuth vanadate (BiVO ₄) photoanode via microwave annealing. <i>Materials Letters</i> , 2018, 233, 67-70.	2.6	31
9	Thermodynamic analysis of new concepts for enhancing cooling of PV panels for grid-connected PV systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 147-157.	3.6	19
10	Revitalizing operational reliability of the electrical energy system in Libya: Feasibility analysis of solar generation in local communities. <i>Journal of Cleaner Production</i> , 2021, 279, 123647.	9.3	19
11	Parametric Study on the Thermal Performance and Optimal Design Elements of Solar Air Heater Enhanced with Jet Impingement on a Corrugated Absorber Plate. <i>International Journal of Photoenergy</i> , 2018, 2018, 1-21.	2.5	18
12	Performance evaluation and parametric studies on variable nozzle ejector using R134A. <i>Case Studies in Thermal Engineering</i> , 2018, 12, 258-270.	5.7	16
13	Power transmission lines electromagnetic pollution with consideration of soil resistivity. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2019, 17, 1985.	0.8	8
14	Stability analysis of PV-based DC microgrid with communication delay. , 2018, , .		6
15	Micropower system optimization for the telecommunication towers based on various renewable energy sources. <i>International Journal of Electrical and Computer Engineering</i> , 2022, 12, 1069.	0.7	2