

Ahmed Khouya

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

461
citations

840776

11
h-index

713466

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all docs

23
docs citations

23
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance evaluation and analysis of polycrystalline photovoltaic plant located in Northern Morocco. <i>International Journal of Ambient Energy</i> , 2022, 43, 1262-1268.	2.5	10
2	Performance assessment of a dual loop organic rankine cycle powered by a parabolic trough collector for ammonia and hydrogen production purpose. <i>International Journal of Ambient Energy</i> , 2022, 43, 6149-6166.	2.5	3
3	Energy analysis of a combined solar wood drying system. <i>Solar Energy</i> , 2022, 231, 270-282.	6.1	15
4	Performance analysis and optimization of a trilateral organic Rankine powered by a concentrated photovoltaic thermal system. <i>Energy</i> , 2022, 247, 123439.	8.8	10
5	Modelling and analysis of a hybrid solar dryer for woody biomass. <i>Energy</i> , 2021, 216, 119287.	8.8	19
6	Hydrogen production costs of a polymer electrolyte membrane electrolysis powered by a renewable hybrid system. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 14005-14023.	7.1	34
7	Comparison and evaluation of statistical criteria in the solar cell and photovoltaic module parameters extraction. <i>International Journal of Ambient Energy</i> , 2020, 41, 1482-1494.	2.5	24
8	Performance assessment of a heat pump and a concentrated photovoltaic thermal system during the wood drying process. <i>Applied Thermal Engineering</i> , 2020, 180, 115923.	6.0	34
9	Levelized costs of energy and hydrogen of wind farms and concentrated photovoltaic thermal systems. A case study in Morocco. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 31632-31650.	7.1	51
10	Solar Photovoltaic Cell Parameters Extraction Using Differential Evolution Algorithm. <i>Proceedings (mdpi)</i> , 2020, 63, .	0.2	5
11	Modelling and Parameters Extraction of Flexible Amorphous Silicon Solar Cell a-Si:H. <i>Applied Solar Energy (English Translation of Geliotekhnika)</i> , 2020, 56, 1-12.	1.6	8
12	Comparison of Power Production for Different Photovoltaic Technologies in Nile Delta, Egypt. <i>Procedia Manufacturing</i> , 2020, 46, 724-729.	1.9	1
13	Effect of regeneration heat and energy storage on thermal drying performance in a hardwood solar kiln. <i>Renewable Energy</i> , 2020, 155, 783-799.	8.9	21
14	Analytical optimization of photovoltaic output with Lagrange Multiplier Method. <i>Optik</i> , 2019, 199, 163379.	2.9	13
15	Investigation of Photovoltaic Output Characteristics with Iterative Methods. <i>Procedia Manufacturing</i> , 2019, 32, 794-801.	1.9	6
16	Bond Graph Modelling of Different Equivalent Models of Photovoltaic Cell. <i>Procedia Manufacturing</i> , 2019, 32, 802-809.	1.9	5
17	Energy and environmental analysis of an indirect hybrid solar dryer of wood using TRNSYS software. <i>Solar Energy</i> , 2019, 183, 132-145.	6.1	68
18	Analytical Modelling and Analysis of Thermal Behavior for Series Resistance of Solar Cell. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 21-29.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Thermal performance of a parabolic trough collector under different climatic zones in Morocco. AIP Conference Proceedings, 2018, , .	0.4	4
20	Mathematical modeling and numerical simulation of a parabolic trough collector: A case study in thermal engineering. Thermal Science and Engineering Progress, 2018, 8, 47-54.	2.7	38
21	Metaheuristic Algorithm for Photovoltaic Parameters: Comparative Study and Prediction with a Firefly Algorithm. Applied Sciences (Switzerland), 2018, 8, 339.	2.5	82
22	Comparative prediction of single and double diode parameters for solar cell models with firefly algorithm. , 2017, , .		2
23	Parameter estimation of photovoltaic module using bio-inspired firefly algorithm. , 2016, , .		7