

Sofiane Kichou

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

438
citations

933447

10
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple and effective methodology for sizing electrical energy storage (EES) systems based on energy balance. <i>Journal of Energy Storage</i> , 2022, 49, 104085.	8.1	11
2	Optimal Energy Harvesting From a Multistrings PV Generator Based on Artificial Bee Colony Algorithm. <i>IEEE Systems Journal</i> , 2021, 15, 4137-4144.	4.6	39
3	Evaluation of Photovoltaic and Battery Storage Effects on the Load Matching Indicators Based on Real Monitored Data. <i>Energies</i> , 2020, 13, 2727.	3.1	12
4	Energy performance enhancement of a research centre based on solar potential analysis and energy management. <i>Energy</i> , 2019, 183, 1195-1210.	8.8	17
5	Optimization method for photovoltaic integration in residential houses. <i>Journal of Physics: Conference Series</i> , 2019, 1343, 012093.	0.4	0
6	Analysis of the behaviour of cadmium telluride and crystalline silicon photovoltaic modules deployed outdoor under humid continental climate conditions. <i>Solar Energy</i> , 2018, 171, 681-691.	6.1	29
7	Energy sufficiency of an administrative building based on real data from one year of operation. , 2018, , .		1
8	Efficient fault detection and diagnosis procedure for photovoltaic systems. , 2016, , .		21
9	Study of degradation and evaluation of model parameters of micromorph silicon photovoltaic modules under outdoor long term exposure in JaÃ©n, Spain. <i>Energy Conversion and Management</i> , 2016, 120, 109-119.	9.2	35
10	Remote supervision and fault detection on OPC monitored PV systems. <i>Solar Energy</i> , 2016, 137, 424-433.	6.1	38
11	Comparison of two PV array models for the simulation of PV systems using five different algorithms for the parameters identification. <i>Renewable Energy</i> , 2016, 99, 270-279.	8.9	46
12	Degradation analysis of thin film photovoltaic modules under outdoor long term exposure in Spanish continental climate conditions. <i>Solar Energy</i> , 2016, 139, 599-607.	6.1	41
13	Characterization of degradation and evaluation of model parameters of amorphous silicon photovoltaic modules under outdoor long term exposure. <i>Energy</i> , 2016, 96, 231-241.	8.8	56
14	Behavioral data of thin-film single junction amorphous silicon (a-Si) photovoltaic modules under outdoor long term exposure. <i>Data in Brief</i> , 2016, 7, 366-371.	1.0	4
15	Analysis of current and voltage indicators in grid connected PV (photovoltaic) systems working in faulty and partial shading conditions. <i>Energy</i> , 2015, 86, 42-50.	8.8	88