

Sofiane Kichou

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

438
citations

933447

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h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

517
citing authors

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