

Ashfaq Ahmad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5951013/publications.pdf>

Version: 2024-02-01

10
papers

456
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	CNN based automatic detection of photovoltaic cell defects in electroluminescence images. Energy, 2019, 189, 116319.	8.8	145
2	Automatic detection of photovoltaic module defects in infrared images with isolated and develop-model transfer deep learning. Solar Energy, 2020, 198, 175-186.	6.1	113
3	Short-Term Load Forecasting in Smart Grids: An Intelligent Modular Approach. Energies, 2019, 12, 164.	3.1	84
4	Improved outdoor thermography and processing of infrared images for defect detection in PV modules. Solar Energy, 2019, 190, 549-560.	6.1	47
5	Thermo-mechanical behavior assessment of smart wire connected and busbarPV modules during production, transportation, and subsequent field loading stages. Energy, 2019, 168, 931-945.	8.8	33
6	Photovoltaic cell defect classification using convolutional neural network and support vector machine. IET Renewable Power Generation, 2020, 14, 2693-2702.	3.1	25
7	Support vector machine based prediction of photovoltaic module and power station parameters. International Journal of Green Energy, 2020, 17, 219-232.	3.8	7
8	Defect Detection and Degradation Analysis in Photovoltaic Modules using Thermography, Spectroscopy, and Currentâ€“Voltage Measurements, and Quantitative Assessment of Their Impact. Energy Technology, 2020, 8, 2000100.	3.8	1
9	Prediction of work productivity outcomes by identifying critical risk factors among garment industry workers. International Journal of Occupational Safety and Ergonomics, 2022, 28, 2238-2249.	1.9	1
10	A Joint Optimization Model for Energy and Reserve Capacity Scheduling With the Integration of Variable Energy Resources. IEEE Access, 2021, 9, 75252-75264.	4.2	0