

Ibrahim Anwar Ibrahim

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

831
citations

1051969

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docs citations

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1108
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid wind driven-based fruit fly optimization algorithm for identifying the parameters of a double-diode photovoltaic cell model considering degradation effects. Sustainable Energy Technologies and Assessments, 2022, 50, 101685.	1.7	12
2	Static models for implementing photovoltaic panels characteristics under various environmental conditions using improved gradient-based optimizer. Sustainable Energy Technologies and Assessments, 2022, 52, 102150.	1.7	3
3	A benchmark model for low voltage distribution networks with PV systems and smart inverter control techniques. Renewable and Sustainable Energy Reviews, 2022, 166, 112571.	8.2	4
4	Enhanced Marine Predators Algorithm for identifying static and dynamic Photovoltaic models parameters. Energy Conversion and Management, 2021, 236, 113971.	4.4	42
5	A novel sizing method of a standalone photovoltaic system for powering a mobile network base station using a multi-objective wind driven optimization algorithm. Energy Conversion and Management, 2021, 238, 114179.	4.4	8
6	Low Voltage Distribution Networks Modeling and Unbalanced (Optimal) Power Flow: A Comprehensive Review. IEEE Access, 2021, 9, 143026-143084.	2.6	5
7	An Optimized Offline Random Forests-Based Model for Ultra-Short-Term Prediction of PV Characteristics. IEEE Transactions on Industrial Informatics, 2020, 16, 202-214.	7.2	41
8	An Adaptive Wind-Driven Optimization Algorithm for Extracting the Parameters of a Single-Diode PV Cell Model. IEEE Transactions on Sustainable Energy, 2020, 11, 1054-1066.	5.9	59
9	An improved wind driven optimization algorithm for parameters identification of a triple-diode photovoltaic cell model. Energy Conversion and Management, 2020, 213, 112872.	4.4	51
10	LSTM Neural Network Model for Ultra-short-term Distribution Zone Substation Peak Demand Prediction. , 2020, , .		2
11	Parameters Extraction of a Photovoltaic Cell Model Using a Co-evolutionary Heterogeneous Hybrid Algorithm. , 2019, , .		3
12	Productivity modelling of a developed inclined stepped solar still system based on actual performance and using a cascaded forward neural network model. Journal of Cleaner Production, 2018, 170, 147-159.	4.6	95
13	Modeling of the output current of a photovoltaic grid-connected system using random forests technique. Energy Exploration and Exploitation, 2018, 36, 132-148.	1.1	18
14	The Technical, Operational and Energy Policy Issues for Developing Photovoltaic Systems: A Review. , 2018, , .		4
15	A novel hybrid model for hourly global solar radiation prediction using random forests technique and firefly algorithm. Energy Conversion and Management, 2017, 138, 413-425.	4.4	200
16	Optimal sizing of a standalone photovoltaic system for remote housing electrification using numerical algorithm and improved system models. Energy, 2017, 126, 392-403.	4.5	51
17	On the effectiveness of optimally sizing an inverter in a grid-connected photovoltaic power system. , 2017, , .		9
18	Impact of Battery's Model Accuracy on Size Optimization Process of a Standalone Photovoltaic System. Sustainability, 2016, 8, 894.	1.6	10

#	ARTICLE	IF	CITATIONS
19	A review on sizing methodologies of photovoltaic array and storage battery in a standalone photovoltaic system. Energy Conversion and Management, 2016, 120, 430-448.	4.4	208
20	Optimal modeling and sizing of a practical standalone PV/battery generation system using numerical algorithm. , 2015, , .		4
21	Modeling of photovoltaic array using random forests technique. , 2015, , .		2