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List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

386
citations

1163117

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15
docs citations

15
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Using deep learning and meteorological parameters to forecast the photovoltaic generators intra-hour output power interval for smart grid control. <i>Energy</i> , 2022, 239, 122116.	8.8	27
2	Forecasting intra-hour solar photovoltaic energy by assembling wavelet based time-frequency analysis with deep learning neural networks. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 137, 107777.	5.5	25
3	Very short-term parametric ambient temperature confidence interval forecasting to compute key control parameters for photovoltaic generators. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 51, 101931.	2.7	0
4	Novel Modular Device for a Decentralised Electric Power System Architecture for More Electric Aircraft. <i>IEEE Access</i> , 2022, 10, 19356-19364.	4.2	5
5	An analysis of different deep learning neural networks for intra-hour solar irradiation forecasting to compute solar photovoltaic generators' energy production. <i>Energy for Sustainable Development</i> , 2022, 68, 1-17.	4.5	23
6	Algorithm for the Optimal Design of a Fault-Tolerant Aircraft Power Transmission Network. <i>IEEE Transactions on Transportation Electrification</i> , 2022, 8, 4219-4228.	7.8	0
7	Increasing the safety of more electric aircraft through a novel algorithm in the DC power system. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 126, 106566.	5.5	3
8	A Very Short-Term Probabilistic Prediction Interval Forecaster for Reducing Load Uncertainty Level in Smart Grids. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2538.	2.5	4
9	Very short-term temperature forecaster using MLP and N-nearest stations for calculating key control parameters in solar photovoltaic generation. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101085.	2.7	11
10	Ensemble of machine learning and spatiotemporal parameters to forecast very short-term solar irradiation to compute photovoltaic generators' output power. <i>Energy</i> , 2021, 229, 120647.	8.8	30
11	Very short-term wind power density forecasting through artificial neural networks for microgrid control. <i>Renewable Energy</i> , 2020, 145, 1517-1527.	8.9	56
12	Non-intrusive, self-supplying and wireless sensor for monitoring grounding cable in smart grids. <i>Sensors and Actuators A: Physical</i> , 2020, 316, 112417.	4.1	6
13	Very Short-Term Load Forecaster Based on a Neural Network Technique for Smart Grid Control. <i>Energies</i> , 2020, 13, 5210.	3.1	8
14	Predicting solar energy generation through artificial neural networks using weather forecasts for microgrid control. <i>Renewable Energy</i> , 2018, 126, 855-864.	8.9	188
15	Optimization of a solar irradiation forecasting tool based on artificial intelligence. <i>Renewable Energy and Power Quality Journal</i> , 0, 17, 62-67.	0.2	0