

Alessandro Massi Pavan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5543488/publications.pdf>

Version: 2024-02-01

22
papers

1,288
citations

1163117

8
h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

1500
citing authors

#	ARTICLE	IF	CITATIONS
1	A 24-h forecast of solar irradiance using artificial neural network: Application for performance prediction of a grid-connected PV plant at Trieste, Italy. <i>Solar Energy</i> , 2010, 84, 807-821.	6.1	702
2	Advanced Methods for Photovoltaic Output Power Forecasting: A Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 487.	2.5	158
3	Day-Ahead Photovoltaic Forecasting: A Comparison of the Most Effective Techniques. <i>Energies</i> , 2019, 12, 1621.	3.1	131
4	Performance prediction of 20kWp grid-connected photovoltaic plant at Trieste (Italy) using artificial neural network. <i>Energy Conversion and Management</i> , 2010, 51, 2431-2441.	9.2	89
5	Adaptive Neural Network-Based Control of a Hybrid AC/DC Microgrid. <i>IEEE Transactions on Smart Grid</i> , 2016, , 1-13.	9.0	55
6	A study on the mismatch effect due to the use of different photovoltaic modules classes in large-scale solar parks. <i>Progress in Photovoltaics: Research and Applications</i> , 2014, 22, 332-345.	8.1	34
7	Experimental Evidence of PID Effect on CIGS Photovoltaic Modules. <i>Energies</i> , 2020, 13, 537.	3.1	22
8	Error Assessment of Solar Irradiance Forecasts and AC Power from Energy Conversion Model in Grid-Connected Photovoltaic Systems. <i>Energies</i> , 2016, 9, 8.	3.1	19
9	Photovoltaics in Italy: Toward grid parity in the residential electricity market. , 2012, , .		17
10	Grid parity in the Italian commercial and industrial electricity market. , 2013, , .		9
11	Modeling the Total Cost of Ownership of an Electric Car Using a Residential Photovoltaic Generator and a Battery Storage Unit—An Italian Case Study. <i>Energies</i> , 2020, 13, 2584.	3.1	8
12	Total Cost of Ownership of electric vehicles using energy from a renewable-based microgrid. , 2019, , .		7
13	A Machine Learning and Internet of Things-Based Online Fault Diagnosis Method for Photovoltaic Arrays. <i>Sustainability</i> , 2021, 13, 13203.	3.2	7
14	A Power Hardware-In-The-Loop Simulation Facility for Testing Grid-Connected Storage Systems. , 2019, , .		6
15	How to avoid the perfect storm: The role of energy and photovoltaics. <i>MRS Energy & Sustainability</i> , 2020, 7, 1.	3.0	5
16	Application of Artificial Neural Networks for the Prediction of a 20-kWp Grid-Connected Photovoltaic Plant Power Output. <i>Studies in Fuzziness and Soft Computing</i> , 2011, , 261-283.	0.8	5
17	On the impact of photovoltaic module characterization on the prediction of PV plant productivity. , 2014, , .		4
18	ANN-based grid voltage and frequency forecaster. <i>Journal of Engineering</i> , 2019, 2019, 3687-3691.	1.1	4

#	ARTICLE	IF	CITATIONS
19	The Photovoltaic Laboratory at the University of Trieste, Italy. , 2014, , .		3
20	The effect of ambient temperature on the yield of a 3 MWp PV plant installed in Ecuador. , 2019, , .		2
21	Evolution of the main economic parameters for photovoltaic plants installed in Italy. , 2014, , .		1
22	Assessment of photovoltaic systems for electric power generation using EROEI (energy return on) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		