

Camilo Carrillo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,023
citations

623188

14
h-index

642321

23
g-index

30
all docs

30
docs citations

30
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of power curve modelling for wind turbines. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 21, 572-581.	8.2	259
2	A third order model for the doubly-fed induction machine. <i>Electric Power Systems Research</i> , 2000, 56, 121.	2.1	138
3	An Approach to Determine the Weibull Parameters for Wind Energy Analysis: The Case of Galicia (Spain). <i>Energies</i> , 2014, 7, 2676-2700.	1.6	91
4	Power Fluctuations in an Isolated Wind Plant. <i>IEEE Transactions on Energy Conversion</i> , 2004, 19, 217-221.	3.7	65
5	Discrete I^2V model for partially shaded PV-arrays. <i>Solar Energy</i> , 2014, 103, 96-107.	2.9	58
6	Influence of the shadows in photovoltaic systems with different configurations of bypass diodes. , 2010, , .		56
7	Optimal distribution for photovoltaic solar trackers to minimize power losses caused by shadows. <i>Renewable Energy</i> , 2011, 36, 1826-1835.	4.3	53
8	Probabilistic model for mechanical power fluctuations in asynchronous wind parks. <i>IEEE Transactions on Power Systems</i> , 2003, 18, 761-768.	4.6	39
9	A machine learning based stochastic optimization framework for a wind and storage power plant participating in energy pool market. <i>Applied Energy</i> , 2018, 232, 341-357.	5.1	38
10	Comparative study of flywheel systems in an isolated wind plant. <i>Renewable Energy</i> , 2009, 34, 890-898.	4.3	29
11	Lighting control system based on digital camera for energy saving in shop windows. <i>Energy and Buildings</i> , 2013, 59, 143-151.	3.1	26
12	Control Algorithm for Coordinated Reactive Power Compensation in a Wind Park. <i>IEEE Transactions on Energy Conversion</i> , 2008, 23, 1064-1072.	3.7	23
13	Evaluation of a data driven stochastic approach to optimize the participation of a wind and storage power plant in day-ahead and reserve markets. <i>Energy</i> , 2018, 156, 278-291.	4.5	22
14	A method to estimate the energy production of photovoltaic trackers under shading conditions. <i>Energy Conversion and Management</i> , 2017, 150, 433-450.	4.4	16
15	A STATCOM with Supercapacitors for Low-Voltage Ride-Through in Fixed-Speed Wind Turbines. <i>Energies</i> , 2014, 7, 5922-5952.	1.6	15
16	Life cycle assessment of repurposed waste electric and electronic equipment in comparison with original equipment. <i>Sustainable Production and Consumption</i> , 2021, 27, 1637-1649.	5.7	15
17	Discretized model for partially shaded PV arrays composed of PV panels with overlapping bypass diodes. <i>Solar Energy</i> , 2017, 157, 103-115.	2.9	14
18	A methodology for energy analysis of escalators. <i>Energy and Buildings</i> , 2013, 61, 21-30.	3.1	11

#	ARTICLE	IF	CITATIONS
19	Performance evaluation and modelling of the Atir marine current turbine. IET Renewable Power Generation, 2021, 15, 821-838.	1.7	11
20	Estimation of energy losses in a Wind Park. , 2007, , .		8
21	Evaluation of the uncertainty in the scheduling of a wind and storage power plant participating in day-ahead and reserve markets. Energy Procedia, 2017, 136, 73-78.	1.8	8
22	Regulation of synchronous generators by means of hydrostatic transmissions. IEEE Transactions on Power Systems, 2000, 15, 771-778.	4.6	7
23	Fluorescent lamp modelling for voltage fluctuations. European Transactions on Electrical Power, 2001, 11, 119-127.	1.0	7
24	Effects of WECS settings and PMSG parameters in the performance of a small wind energy generator. , 2010, , .		5
25	State estimation for wind farms including the wind turbine generator models. Renewable Energy, 2014, 71, 453-465.	4.3	4
26	Impact of ASD settings in its LVRT behaviour. , 2010, , .		2
27	Coordinated reactive compensation in a Wind Park. , 2007, , .		1
28	A linear approach to study the influence of asynchronous wind parks on isolated networks. Electric Power Systems Research, 2007, 77, 1028-1037.	2.1	1
29	Analysis of the transformer inrush current in a hydro generator. , 2016, , .		1
30	Discussion of "Regulation of synchronous generators by means of hydrostatic transmissions" [and reply]. IEEE Transactions on Power Systems, 2000, 15, 1447-1448.	4.6	0