Camilo Carrillo

List of Publications by Year in Descending Order

29 papers	738 citations	13 h-index	27 g-index
30 ext. papers	890 ext. citations	6.6 avg, IF	4.02 L-index

#	Paper	IF	Citations
29	Life cycle assessment of repurposed waste electric and electronic equipment in comparison with original equipment. *Sustainable Production and Consumption*, **2021**, 27, 1637-1649	8.2	1
28	Performance evaluation and modelling of the Atir marine current turbine. *IET Renewable Power Generation*, **2021**, 15, 821-838	2.9	2
27	A machine learning based stochastic optimization framework for a wind and storage power plant participating in energy pool market. *Applied Energy*, **2018**, 232, 341-357	10.7	23
26	Evaluation of a data driven stochastic approach to optimize the participation of a wind and storage power plant in day-ahead and reserve markets. *Energy*, **2018**, 156, 278-291	7.9	13
25	A method to estimate the energy production of photovoltaic trackers under shading conditions. *Energy Conversion and Management*, **2017**, 150, 433-450	10.6	11
24	Discretized model for partially shaded PV arrays composed of PV panels with overlapping bypass diodes. *Solar Energy*, **2017**, 157, 103-115	6.8	11
23	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	2.3	7
22	Discrete IV model for partially shaded PV-arrays. *Solar Energy*, **2014**, 103, 96-107	6.8	48
21	State estimation for wind farms including the wind turbine generator models. *Renewable Energy*, **2014**, 71, 453-465	8.1	3
20	A STATCOM with Supercapacitors for Low-Voltage Ride-Through in Fixed-Speed Wind Turbines. *Energies*, **2014**, 7, 5922-5952	3.1	12
19	An Approach to Determine the Weibull Parameters for Wind Energy Analysis: The Case of Galicia (Spain). *Energies*, **2014**, 7, 2676-2700	3.1	63
18	A methodology for energy analysis of escalators. *Energy and Buildings*, **2013**, 61, 21-30	7	7
17	Lighting control system based on digital camera for energy saving in shop windows. *Energy and Buildings*, **2013**, 59, 143-151	7	17
16	Review of power curve modelling for wind turbines. *Renewable and Sustainable Energy Reviews*, **2013**, 21, 572-581	16.2	190
15	Optimal distribution for photovoltaic solar trackers to minimize power losses caused by shadows. *Renewable Energy*, **2011**, 36, 1826-1835	8.1	46
14	Effects of WECS settings and PMSG parameters in the performance of a small wind energy generator **2010**,		5
13	Impact of ASD settings in its LVRT behaviour **2010**,		1

12	**2010**,		41
11	Comparative study of flywheel systems in an isolated wind plant. *Renewable Energy*, **2009**, 34, 890-898	8.1	25
10	Control Algorithm for Coordinated Reactive Power Compensation in a Wind Park. *IEEE Transactions on Energy Conversion*, **2008**, 23, 1064-1072	5.4	21
9	Coordinated reactive compensation in a Wind Park **2007**,		1
8	A linear approach to study the influence of asynchronous wind parks on isolated networks. *Electric Power Systems Research*, **2007**, 77, 1028-1037	3.5	1
7	Estimation of energy losses in a Wind Park **2007**,		4
6	Power fluctuations in an isolated wind plant. *IEEE Transactions on Energy Conversion*, **2004**, 19, 217-221	5.4	44
5	Probabilistic model for mechanical power fluctuations in asynchronous wind parks. *IEEE Transactions on Power Systems*, **2003**, 18, 761-768	7	25
4	Fluorescent lamp modelling for voltage fluctuations. *European Transactions on Electrical Power*, **2001**, 11, 119-127		4
3	A third order model for the doubly-fed induction machine. *Electric Power Systems Research*, **2000**, 56, 121	3.5	108
2	Discussion of "Regulation of synchronous generators by means of hydrostatic transmissions" [and reply]. *IEEE Transactions on Power Systems*, **2000**, 15, 1447-1448	7	
1	Regulation of synchronous generators by means of hydrostatic transmissions. *IEEE Transactions on Power Systems*, **2000**, 15, 771-778	7	4