Eloy Daz-Dorado

List of Publications by Citations

23 papers	**734** citations	**13** h-index	**26** g-index
26 ext. papers	**867** ext. citations	**6.7** avg, IF	**4** L-index

#	Paper	IF	Citations
23	Review of power curve modelling for wind turbines. *Renewable and Sustainable Energy Reviews*, **2013**, 21, 572-581	16.2	190
22	An improved branch-exchange algorithm for large-scale distribution network planning. *IEEE Transactions on Power Systems*, **2002**, 17, 931-936	7	77
21	Application of evolutionary algorithms for the planning of urban distribution networks of medium voltage. *IEEE Transactions on Power Systems*, **2002**, 17, 879-884	7	70
20	An Approach to Determine the Weibull Parameters for Wind Energy Analysis: The Case of Galicia (Spain). *Energies*, **2014**, 7, 2676-2700	3.1	63
19	Discrete I-V model for partially shaded PV-arrays. *Solar Energy*, **2014**, 103, 96-107	6.8	48
18	Optimal distribution for photovoltaic solar trackers to minimize power losses caused by shadows. *Renewable Energy*, **2011**, 36, 1826-1835	8.1	46
17	Coordination of directional overcurrent relay using evolutionary algorithm and linear programming. *International Journal of Electrical Power and Energy Systems*, **2012**, 42, 299-305	5.1	39
16	Planning of large rural low-voltage networks using evolution strategies. *IEEE Transactions on Power Systems*, **2003**, 18, 1594-1600	7	34
15	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
14	Control Algorithm for Coordinated Reactive Power Compensation in a Wind Park. *IEEE Transactions on Energy Conversion*, **2008**, 23, 1064-1072	5.4	21
13	Optimal planning of unbalanced networks using dynamic programming optimization. *IEEE Transactions on Power Systems*, **2004**, 19, 2077-2085	7	19
12	Lighting control system based on digital camera for energy saving in shop windows. *Energy and Buildings*, **2013**, 59, 143-151	7	17
11	. *IEEE Transactions on Power Systems*, **2001**, 16, 898-903	7	15
10	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
9	A STATCOM with Supercapacitors for Low-Voltage Ride-Through in Fixed-Speed Wind Turbines. *Energies*, **2014**, 7, 5922-5952	3.1	12
8	A method to estimate the energy production of photovoltaic trackers under shading conditions. *Energy Conversion and Management*, **2017**, 150, 433-450	10.6	11
7	Discretized model for partially shaded PV arrays composed of PV panels with overlapping bypass diodes. *Solar Energy*, **2017**, 157, 103-115	6.8	11

LIST OF PUBLICATIONS

6	A methodology for energy analysis of escalators. *Energy and Buildings*, **2013**, 61, 21-30	7	7
5	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
4	Estimation of energy losses in a Wind Park **2007**,		4
3	State estimation for wind farms including the wind turbine generator models. *Renewable Energy*, **2014**, 71, 453-465	8.1	3
2	Performance evaluation and modelling of the Atir marine current turbine. *IET Renewable Power Generation*, **2021**, 15, 821-838	2.9	2
1	Coordinated reactive compensation in a Wind Park **2007**,		1