

Edgar Carreno Franco

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

419
citations

9
h-index

20
g-index

33
ext. papers

543
ext. citations

3.4
avg, IF

3.47
L-index

#	Paper	IF	Citations
31	Application of Intelligent Systems in Volt-VAr Centralized Control in Modern Distribution Systems of Electrical Energy. <i>Electronics (Switzerland)</i> , 2022 , 11, 446	2.6	0
30	BiGRU-CNN Neural Network Applied to Electric Energy Theft Detection. <i>Electronics (Switzerland)</i> , 2022 , 11, 693	2.6	3
29	Electrical load forecasting in disaggregated levels using Fuzzy ARTMAP artificial neural network and noise removal by singular spectrum analysis. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
28	Distflow based state estimation for power distribution networks. <i>Energy Systems</i> , 2018 , 9, 1055-1070	1.7	3
27	Modeling inverters with volt-var functions in grid-connected mode and droop control method in islanded mode. <i>Electric Power Systems Research</i> , 2018 , 155, 265-273	3.5	8
26	Grid-based simulation method for spatial electric load forecasting using power-law distribution with fractal exponent. <i>International Transactions on Electrical Energy Systems</i> , 2016 , 26, 1339-1357	2.2	8
25	Time series forecasting with the WARIMAX-GARCH method. <i>Neurocomputing</i> , 2016 , 216, 805-815	5.4	14
24	Estimation of a preference map of new consumers for spatial load forecasting simulation methods using a spatial analysis of points. <i>International Journal of Electrical Power and Energy Systems</i> , 2015 , 67, 299-305	5.1	13
23	A wavelet hybrid method based on ARIMA and support vector regression forecasts. <i>International Journal of Energy and Statistics</i> , 2015 , 03, 1550007		
22	Spatial pattern recognition of urban sprawl using a geographically weighted regression for spatial electric load forecasting 2015 ,		1
21	Spatial-Temporal Simulation to Estimate the Load Demand of Battery Electric Vehicles Charging in Small Residential Areas. <i>Journal of Control, Automation and Electrical Systems</i> , 2014 , 25, 470-480	1.5	13
20	Determining spatial resolution in spatial load forecasting using a grid-based model. <i>Electric Power Systems Research</i> , 2014 , 111, 177-184	3.5	14
19	2014 ,		2
18	. <i>IEEE Transactions on Power Systems</i> , 2012 , 27, 1870-1878	7	20
17	Considering Urban Dynamics in spatial electric load forecasting 2012 ,		4
16	A multi-agent system with a percolation approach to simulate the driving pattern of Plug-In Electric Vehicles 2012 ,		2
15	Transmission Network Expansion Planning Considering Phase-Shifter Transformers. <i>Journal of Electrical and Computer Engineering</i> , 2012 , 2012, 1-10	1.9	8

14	Multi-agent framework for spatial load forecasting 2011 ,		5
13	A Cellular Automaton Approach to Spatial Electric Load Forecasting. <i>IEEE Transactions on Power Systems</i> , 2011 , 26, 532-540	7	25
12	Spatial electric load forecasting using an evolutionary heuristic. <i>Controle and Automacao</i> , 2010 , 21, 379-388		1
11	A combinatorial approach for transmission expansion & reactive power planning 2010 ,		3
10	Efficient method for AC transmission network expansion planning. <i>Electric Power Systems Research</i> , 2010 , 80, 1056-1064	3-5	50
9	Evolutionary multi-move path-relinking for transmission network expansion planning 2010 ,		5
8	Distributed generation modelling for unbalanced three-phase power flow calculations in smart grids 2010 ,		9
7	Spatial load forecasting using a demand propagation approach 2010 ,		5
6	Spatial Electric Load Forecasting Using a Local Movement Approach 2009 ,		5
5	An Efficient Codification to Solve Distribution Network Reconfiguration for Loss Reduction Problem. <i>IEEE Transactions on Power Systems</i> , 2008 , 23, 1542-1551	7	153
4	Evolutionary heuristic to determine future land use 2008 ,		9
3	Distribution network reconfiguration using an efficient evolutionary algorithm. <i>IEEE Power Engineering Society General Meeting</i> , 2007 ,		7
2	Constructive heuristic algorithm in branch-and-bound structure applied to transmission network expansion planning. <i>IET Generation, Transmission and Distribution</i> , 2007 , 1, 318	2.5	26
1	Consumer Behavior after the Brazilian Power Rationing in 2001 2006 ,		2