

F Maciel-Barbosa

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

218
citations

1937457

4
h-index

1872570

6
g-index

31
all docs

31
docs citations

31
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of STATCOM and SVC performance on Dynamic Voltage Collapse of an Electric Power System with Wind Generation. IEEE Latin America Transactions, 2014, 12, 138-145.	1.2	72
2	Automatic Sign Language Translation to Improve Communication. , 2019, , .		17
3	The VirtualSign Channel for the Communication Between Deaf and Hearing Users. Revista Iberoamericana De Tecnologías Del Aprendizaje, 2019, 14, 188-195.	0.7	17
4	Influence of Crowbar and Chopper Protection on DFIG during Low Voltage Ride Through. Energies, 2018, 11, 885.	1.6	14
5	ACE assisted communication for education: Architecture to support blind & deaf communication. , 2018, , .		11
6	GPS Synchronized Measurements in Power Systems State Estimation: An Overview. , 2006, , .		10
7	Fault detection on wind generators. , 2008, , .		8
8	Maintenance planning in wind farms with allocation of teams using genetic algorithms. IEEE Latin America Transactions, 2014, 12, 1062-1070.	1.2	8
9	Dynamic security analysis of an electric power system using a combined Monte Carlo-hybrid transient stability approach. , 0, , .		6
10	Contingency screening and ranking algorithm using two different sets of security performance indices. , 0, , .		6
11	Load shedding — Coordination between the Portuguese transmission grid and the Distribution grid with minimization of loss of Distributed Generation. , 2009, , .		6
12	Forecast of faults in a wind turbine gearbox. , 2012, , .		6
13	Net load forecasting in presence of renewable power curtailment. , 2016, , .		6
14	Application of the rough set theory to the steady - state contingency classification. , 2005, , .		5
15	Application of neural networks for failure detection on wind turbines. , 2011, , .		5
16	Desktop VR systems - A distance learning method and technology. , 2013, , .		4
17	Lighting Design Course in an Electrical Engineering programme using problem-based learning. , 2009, , .		3
18	Sensing Cloud Optimization applied to a non-convex constrained economical dispatch. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	FSQV and Artificial Neural Networks to Voltage Stability Assessment. , 2006, , .		2
20	The Rough Set Theory applied to a set of the new severity indices. , 2010, , .		2
21	Renewable Power Forecast to Scheduling of Thermal Units. IFIP Advances in Information and Communication Technology, 2014, , 361-368.	0.5	2
22	Electrical Power System security analysis using problem-based learning. , 2008, , .		1
23	Energy Service Companies in Portugal and throughout the world. , 2012, , .		1
24	Unit commitment based on risk assessment to systems with variable power sources. , 2016, , .		1
25	Blind/Deaf Communication API for Assisted Translated Educational Digital Content. , 2018, , .		1
26	Sensing Cloud Optimization to Solve ED of Units with Valve-Point Effects and Multi-fuels. IFIP Advances in Information and Communication Technology, 2013, , 477-484.	0.5	1
27	Stability Study of the Portugese Transmission Network with a High Share of Renewable Energies. , 2006, , .		0
28	Clustering analysis on questionnaire data for program accreditation. , 2008, , .		0
29	Analysis of the power output of a Portuguese wind farm. , 2008, , .		0
30	Analysis of Spinning Reserves in Systems with Variable Power Sources. , 2018, , .		0
31	Metric Indices for Performance Evaluation of a Mixed Measurement based State Estimator. Advances in Electrical and Electronic Engineering, 2013, 11, .	0.2	0