

Luisa Liboni

List of Publications by Year in descending order

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44
papers

533
citations

1163117

8
h-index

1125743

13
g-index

52
all docs

52
docs citations

52
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	Phasor estimation in power transmission lines by using the Kalman filter. <i>Electrical Engineering</i> , 2022, 104, 991-1000.	2.0	5
2	Nonlinear Analysis on Transmission Line Parameters Estimation From Noisy Phasorial Measurements. <i>IEEE Access</i> , 2022, 10, 1720-1730.	4.2	5
3	Estimation of the Frequency-Dependent Parameters of Transmission Lines by Using Synchronized Measurements. <i>IEEE Access</i> , 2022, 10, 17526-17541.	4.2	3
4	Impedance Parameters Estimation of Transmission Lines by an Extended Kalman Filter-Based Algorithm. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-10.	4.7	5
5	CBA-Based Evaluation Method of the Impact of Defects in Residential Buildings: Assessing Risks towards Making Sustainable Decisions on Continuous Improvement Activities. <i>Sustainability</i> , 2021, 13, 6597.	3.2	6
6	Behavior analysis of new bio-inspired metaheuristics to solve distribution network reconfiguration problem under different radiality constraints representation. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2021, 34, e2922.	1.9	0
7	A Cloud-Based Method for Detecting Intrusions in PROFINET Communication Networks Based on Anomaly Detection. <i>Journal of Control, Automation and Electrical Systems</i> , 2021, 32, 1177-1188.	2.0	5
8	A New Approach for Transmission Line Parameter Estimation from Noisy PMU Data. , 2021, , .		0
9	Applied methodology for temperature numerical evaluation on high current leads in power transformers. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 131, 107014.	5.5	6
10	Estimation of transmission line parameters by using two least-squares methods. <i>IET Generation, Transmission and Distribution</i> , 2021, 15, 568-575.	2.5	8
11	Temporary overvoltage suppression in half-wavelength transmission lines during asymmetric faults. <i>Electric Power Systems Research</i> , 2020, 178, 106028.	3.6	4
12	Optimal Kalman Estimation of Symmetrical Sequence Components. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 8844-8852.	4.7	19
13	Lighting Protection of VSC-HVDC Transmission Systems using ZnO Surge Arresters. , 2020, , .		3
14	Identifying hot spots in GSU power transformers using multiple methods. <i>IET Science, Measurement and Technology</i> , 2020, 14, 233-240.	1.6	3
15	Decision-Making Support Method for the Preventive Substitution of Surge Arresters on Distribution Systems. <i>Journal of Control, Automation and Electrical Systems</i> , 2019, 30, 391-401.	2.0	6
16	Expert System for an Optimized Asset Management in Electric Power Transmission Systems. <i>Journal of Control, Automation and Electrical Systems</i> , 2019, 30, 434-440.	2.0	3
17	Efficient feature extraction technique for diagnosing broken bars in three-phase induction machines. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 134, 825-834.	5.0	16
18	Proposal of a fuzzy-based PMU for detection and classification of disturbances in power distribution networks. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 94, 27-40.	5.5	25

#	ARTICLE	IF	CITATIONS
19	Voice disorder classification using MLP and wavelet packet transform. , 2018, , .		2
20	A fuzzy inference system for disturbance classification in power distribution networks using a low-cost PMU. , 2018, , .		1
21	Classification of Hand Movements from EMG Signals using Optimized MLP. , 2018, , .		9
22	Electric utility 4.0: Trends and challenges towards process safety and environmental protection. Chemical Engineering Research and Design, 2018, 117, 593-605.	5.6	23
23	Methodology for mapping operational zones of VSC-HVDC transmission system on offshore ports. International Journal of Electrical Power and Energy Systems, 2017, 93, 266-275.	5.5	11
24	On the problem of optimal estimation of balanced and symmetric three-phase signals. International Journal of Electrical Power and Energy Systems, 2017, 91, 155-165.	5.5	8
25	Impacts of residential construction defects on customer satisfaction. International Journal of Building Pathology and Adaptation, 2017, 35, 218-232.	1.3	23
26	Forecast of Stock Market Trends Using Recurrent Networks. , 2017, , 221-227.		4
27	Artificial Neural Network Architectures and Training Processes. , 2017, , 21-28.		61
28	Recurrent Hopfield Networks. , 2017, , 139-155.		0
29	Multilayer Perceptron Networks. , 2017, , 55-115.		9
30	Radial Basis Function Networks. , 2017, , 117-138.		2
31	Best modeling practices for optimal estimation of balanced and symmetric three-phase signals. , 2017, , .		0
32	Self-Organizing Kohonen Networks. , 2017, , 157-172.		4
33	Method for Classifying Tomatoes Using Computer Vision and MLP Networks. , 2017, , 253-258.		0
34	The Perceptron Network. , 2017, , 29-40.		2
35	Recognition of Disturbances Related to Electric Power Quality Using MLP Networks. , 2017, , 241-246.		2
36	Solution of Constrained Optimization Problems Using Hopfield Networks. , 2017, , 267-277.		0

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37	The ADALINE Network and Delta Rule. , 2017, , 41-54.		1
38	Disease Diagnostic System Using ART Networks. , 2017, , 229-233.		0
39	Performance Analysis of RBF and MLP Networks in Pattern Classification. , 2017, , 259-265.		0
40	Computational Tools for Data Processing in Smart Cities. , 2016, , .		1
41	Improving consumption estimation of electrical materials in residential building construction. Automation in Construction, 2016, 72, 93-101.	9.8	5
42	Efficient signal processing technique for information extraction and its applications in power systems. Electric Power Systems Research, 2016, 141, 538-548.	3.6	4
43	Frequency-dependent line model in the time domain for simulation of fast and impulsive transients. International Journal of Electrical Power and Energy Systems, 2016, 80, 179-189.	5.5	17
44	Emerging Technologies for Renewable Energy Systems. , 0, , .		0