

# Luisa Liboni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3234917/publications.pdf>

Version: 2024-02-01

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	Artificial Neural Network Architectures and Training Processes. , 2017, , 21-28.		61
2	Proposal of a fuzzy-based PMU for detection and classification of disturbances in power distribution networks. International Journal of Electrical Power and Energy Systems, 2018, 94, 27-40.	5.5	25
3	Impacts of residential construction defects on customer satisfaction. International Journal of Building Pathology and Adaptation, 2017, 35, 218-232.	1.3	23
4	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
5	Optimal Kalman Estimation of Symmetrical Sequence Components. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8844-8852.	4.7	19
6	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
7	Efficient feature extraction technique for diagnosing broken bars in three-phase induction machines. Measurement: Journal of the International Measurement Confederation, 2019, 134, 825-834.	5.0	16
8	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
9	Multilayer Perceptron Networks. , 2017, , 55-115.		9
10	Classification of Hand Movements from EMG Signals using Optimized MLP. , 2018, , .		9
11	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
12	Estimation of transmission line parameters by using two leastâ€squares methods. IET Generation, Transmission and Distribution, 2021, 15, 568-575.	2.5	8
13	Decision-Making Support Method for the Preventive Substitution of Surge Arresters on Distribution Systems. Journal of Control, Automation and Electrical Systems, 2019, 30, 391-401.	2.0	6
14	CBA-Based Evaluation Method of the Impact of Defects in Residential Buildings: Assessing Risks towards Making Sustainable Decisions on Continuous Improvement Activities. Sustainability, 2021, 13, 6597.	3.2	6
15	Applied methodology for temperature numerical evaluation on high current leads in power transformers. International Journal of Electrical Power and Energy Systems, 2021, 131, 107014.	5.5	6
16	Improving consumption estimation of electrical materials in residential building construction. Automation in Construction, 2016, 72, 93-101.	9.8	5
17	A Cloud-Based Method for Detecting Intrusions in PROFINET Communication Networks Based on Anomaly Detection. Journal of Control, Automation and Electrical Systems, 2021, 32, 1177-1188.	2.0	5
18	Phasor estimation in power transmission lines by using the Kalman filter. Electrical Engineering, 2022, 104, 991-1000.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Nonlinear Analysis on Transmission Line Parameters Estimation From Noisy Phasorial Measurements. IEEE Access, 2022, 10, 1720-1730.	4.2	5
20	Impedance Parameters Estimation of Transmission Lines by an Extended Kalman Filter-Based Algorithm. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	5
21	Efficient signal processing technique for information extraction and its applications in power systems. Electric Power Systems Research, 2016, 141, 538-548.	3.6	4
22	Forecast of Stock Market Trends Using Recurrent Networks. , 2017, , 221-227.		4
23	Temporary overvoltage suppression in half-wavelength transmission lines during asymmetric faults. Electric Power Systems Research, 2020, 178, 106028.	3.6	4
24	Self-Organizing Kohonen Networks. , 2017, , 157-172.		4
25	Expert System for an Optimized Asset Management in Electric Power Transmission Systems. Journal of Control, Automation and Electrical Systems, 2019, 30, 434-440.	2.0	3
26	Lighting Protection of VSC-HVDC Transmission Systems using ZnO Surge Arresters. , 2020, , .		3
27	Identifying hot spots in GSU power transformers using multiple methods. IET Science, Measurement and Technology, 2020, 14, 233-240.	1.6	3
28	Estimation of the Frequency-Dependent Parameters of Transmission Lines by Using Synchronized Measurements. IEEE Access, 2022, 10, 17526-17541.	4.2	3
29	Radial Basis Function Networks. , 2017, , 117-138.		2
30	Voice disorder classification using MLP and wavelet packet transform. , 2018, , .		2
31	The Perceptron Network. , 2017, , 29-40.		2
32	Recognition of Disturbances Related to Electric Power Quality Using MLP Networks. , 2017, , 241-246.		2
33	Computational Tools for Data Processing in Smart Cities. , 2016, , .		1
34	A fuzzy inference system for disturbance classification in power distribution networks using a low-cost PMU. , 2018, , .		1
35	The ADALINE Network and Delta Rule. , 2017, , 41-54.		1
36	Emerging Technologies for Renewable Energy Systems. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	Recurrent Hopfield Networks. , 2017, , 139-155.		0
38	Best modeling practices for optimal estimation of balanced and symmetric three-phase signals. , 2017, , .		0
39	Behavior analysis of new bioâ€inspired metaheuristics to solve distribution network reconfiguration problem under different radiality constraints representation. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2021, 34, e2922.	1.9	0
40	A New Approach for Transmission Line Parameter Estimation from Noisy PMU Data. , 2021, , .		0
41	Method for Classifying Tomatoes Using Computer Vision and MLP Networks. , 2017, , 253-258.		0
42	Solution of Constrained Optimization Problems Using Hopfield Networks. , 2017, , 267-277.		0
43	Disease Diagnostic System Using ART Networks. , 2017, , 229-233.		0
44	Performance Analysis of RBF and MLP Networks in Pattern Classification. , 2017, , 259-265.		0