

# Stfano Frizzo Stefenon

## List of Publications by Citations

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32  
papers

412  
citations

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g-index

43  
ext. papers

637  
ext. citations

2.2  
avg, IF

4.31  
L-index

#	Paper	IF	Citations
32	Wavelet group method of data handling for fault prediction in electrical power insulators. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2020</b> , 123, 106269	5.1	39
31	Optimized Ensemble Extreme Learning Machine for Classification of Electrical Insulators Conditions. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 5170-5178	8.9	32
30	Electrical Insulator Fault Forecasting Based on a Wavelet Neuro-Fuzzy System. <i>Energies</i> , <b>2020</b> , 13, 484	3.1	26
29	Electricity Price Forecasting Based on Self-Adaptive Decomposition and Heterogeneous Ensemble Learning. <i>Energies</i> , <b>2020</b> , 13, 5190	3.1	25
28	Fault diagnosis of insulators from ultrasound detection using neural networks. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2019</b> , 37, 6655-6664	1.6	23
27	Deep Learning for Photovoltaic Generation Forecast in Active Solar Trackers. <i>IEEE Latin America Transactions</i> , <b>2019</b> , 17, 2013-2019	0.7	21
26	Analysis of training techniques of ANN for classification of insulators in electrical power systems. <i>IET Generation, Transmission and Distribution</i> , <b>2020</b> , 14, 1591-1597	2.5	19
25	Evaluation of Methods for Electric Field Calculation in Transmission Lines. <i>IEEE Latin America Transactions</i> , <b>2018</b> , 16, 2970-2976	0.7	18
24	Hybrid deep learning for power generation forecasting in active solar trackers. <i>IET Generation, Transmission and Distribution</i> , <b>2020</b> , 14, 5667-5674	2.5	17
23	Tools for Measuring Energy Sustainability: A Comparative Review. <i>Energies</i> , <b>2020</b> , 13, 2366	3.1	16
22	Fault detection in insulators based on ultrasonic signal processing using a hybrid deep learning technique. <i>IET Science, Measurement and Technology</i> , <b>2020</b> , 14, 953-961	1.5	16
21	A Study of Multilayer Perceptron Networks Applied to Classification of Ceramic Insulators Using Ultrasound. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1592	2.6	15
20	Analysis of the Electric Field in Porcelain Pin-Type Insulators via Finite Elements Software. <i>IEEE Latin America Transactions</i> , <b>2018</b> , 16, 2505-2512	0.7	14
19	Photovoltaic power forecasting using wavelet Neuro-Fuzzy for active solar trackers. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2021</b> , 40, 1083-1096	1.6	13
18	Electric Field Evaluation Using the Finite Element Method and Proxy Models for the Design of Stator Slots in a Permanent Magnet Synchronous Motor. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1975	2.6	12
17	Echo state network applied for classification of medium voltage insulators. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 134, 107336	5.1	12
16	Diagnostic of Insulators of Conventional Grid Through LabVIEW Analysis of FFT Signal Generated from Ultrasound Detector. <i>IEEE Latin America Transactions</i> , <b>2017</b> , 15, 884-889	0.7	11

15	FEM Applied to Evaluation of the Influence of Electric Field on Design of the Stator Slots in PMSM. <i>IEEE Latin America Transactions</i> , <b>2019</b> , 17, 590-596	0.7	10
14	Hybrid Wavelet Stacking Ensemble Model for Insulators Contamination Forecasting. <i>IEEE Access</i> , <b>2021</b> , 9, 66387-66397	3.5	9
13	Time series forecasting using ensemble learning methods for emergency prevention in hydroelectric power plants with dam. <i>Electric Power Systems Research</i> , <b>2022</b> , 202, 107584	3.5	8
12	Long short-term memory stacking model to predict the number of cases and deaths caused by COVID-19. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2021</b> , 1-14	1.6	7
11	Comparison of artificial intelligence techniques to failure prediction in contaminated insulators based on leakage current. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2022</b> , 42, 3285-3298	1.6	6
10	Classification of Contaminated Insulators Using k-Nearest Neighbors Based on Computer Vision. <i>Computers</i> , <b>2021</b> , 10, 112	1.9	5
9	Classification of insulators using neural network based on computer vision. <i>IET Generation, Transmission and Distribution</i> , <b>2022</b> , 16, 1096-1107	2.5	4
8	Experimental Comparison of Preferential vs. Common Delta Connections for the Star-Delta Starting of Induction Motors. <i>Energies</i> , <b>2021</b> , 14, 1318	3.1	4
7	Particle swarm optimization for design of insulators of distribution power system based on finite element method. <i>Electrical Engineering</i> , 1	1.5	4
6	Low-Cost CNN for Automatic Violence Recognition on Embedded System. <i>IEEE Access</i> , <b>2022</b> , 10, 25190-25202	3.3	4
5	Optimal design of electrical power distribution grid spacers using finite element method. <i>IET Generation, Transmission and Distribution</i> , <b>2022</b> , 16, 1865-1876	2.5	4
4	Young People's Perceptions about the Difficulties of Entrepreneurship and Developing Rural Properties in Family Agriculture. <i>Sustainability</i> , <b>2020</b> , 12, 8783	3.6	3
3	Static Attitude Determination Using Convolutional Neural Networks. <i>Sensors</i> , <b>2021</b> , 21,	3.8	3
2	Analysis of the Ultrasonic Signal in Polymeric Contaminated Insulators Through Ensemble Learning Methods. <i>IEEE Access</i> , <b>2022</b> , 10, 33980-33991	3.5	3
1	Practical Aspects of the Skin Effect in Low Frequencies in Rectangular Conductors. <i>IEEE Access</i> , <b>2021</b> , 9, 49424-49433	3.5	1