

# Michał, Jasiński

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,208  
citations

361296

20  
h-index

414303

32  
g-index

71  
all docs

71  
docs citations

71  
times ranked

479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Plant-Leaf Diseases Using CNN and Transfer-Learning Approach. Electronics (Switzerland), 2021, 10, 1388.	1.8	167
2	Prediction of Chronic Kidney Disease - A Machine Learning Perspective. IEEE Access, 2021, 9, 17312-17334.	2.6	112
3	Dermatologist-Level Classification of Skin Cancer Using Cascaded Ensembling of Convolutional Neural Network and Handcrafted Features Based Deep Neural Network. IEEE Access, 2022, 10, 17920-17932.	2.6	53
4	Landslide Susceptibility Mapping Using Machine Learning: A Literature Survey. Remote Sensing, 2022, 14, 3029.	1.8	46
5	Impact of Harmonic Currents of Nonlinear Loads on Power Quality of a Low Voltage Network – Review and Case Study. Energies, 2021, 14, 3665.	1.6	42
6	A Case Study on Distributed Energy Resources and Energy-Storage Systems in a Virtual Power Plant Concept: Economic Aspects. Energies, 2019, 12, 4447.	1.6	39
7	A Case Study on Distributed Energy Resources and Energy-Storage Systems in a Virtual Power Plant Concept: Technical Aspects. Energies, 2020, 13, 3086.	1.6	37
8	A hybrid decentralized stochastic-robust model for optimal coordination of electric vehicle aggregator and energy hub entities. Applied Energy, 2021, 304, 117708.	5.1	37
9	Adaptive Neuro-Fuzzy Inference System-Based Maximum Power Tracking Controller for Variable Speed WECS. Energies, 2021, 14, 6275.	1.6	33
10	Plant Disease Identification Using Shallow Convolutional Neural Network. Agronomy, 2021, 11, 2388.	1.3	33
11	Clustering as a tool to support the assessment of power quality in electrical power networks with distributed generation in the mining industry. Electric Power Systems Research, 2019, 166, 52-60.	2.1	29
12	A Hybrid Supervised Machine Learning Classifier System for Breast Cancer Prognosis Using Feature Selection and Data Imbalance Handling Approaches. Electronics (Switzerland), 2021, 10, 699.	1.8	29
13	A Five Convolutional Layer Deep Convolutional Neural Network for Plant Leaf Disease Detection. Electronics (Switzerland), 2022, 11, 1266.	1.8	29
14	Estimation of Life Cycle of Distribution Transformer in Context to Furan Content Formation, Pollution Index, and Dielectric Strength. IEEE Access, 2021, 9, 37456-37465.	2.6	27
15	A medium-term hybrid IGDT-Robust optimization model for optimal self scheduling of multi-carrier energy systems. Energy, 2022, 238, 121661.	4.5	26
16	A max – min – max robust optimization model for multi-carrier energy systems integrated with power to gas storage system. Journal of Energy Storage, 2022, 48, 103933.	3.9	26
17	Brain Magnetic Resonance Imaging Classification Using Deep Learning Architectures with Gender and Age. Sensors, 2022, 22, 1766.	2.1	25
18	Deep Learning Methods for Classification of Certain Abnormalities in Echocardiography. Electronics (Switzerland), 2021, 10, 495.	1.8	24

#	ARTICLE	IF	CITATIONS
19	Blockchain: Future of e-Governance in Smart Cities. Sustainability, 2021, 13, 11840.	1.6	24
20	Analysis of Earthquake Forecasting in India Using Supervised Machine Learning Classifiers. Sustainability, 2021, 13, 971.	1.6	23
21	Online Rotor and Stator Resistance Estimation Based on Artificial Neural Network Applied in Sensorless Induction Motor Drive. Energies, 2020, 13, 4946.	1.6	22
22	Optimal location of an electrical vehicle charging station in a local microgrid using an embedded hybrid optimizer. International Journal of Electrical Power and Energy Systems, 2021, 131, 106979.	3.3	21
23	Analysis of the Power Supply Restoration Time after Failures in Power Transmission Lines. Energies, 2020, 13, 2736.	1.6	18
24	Combined Cluster Analysis and Global Power Quality Indices for the Qualitative Assessment of the Time-Varying Condition of Power Quality in an Electrical Power Network with Distributed Generation. Energies, 2020, 13, 2050.	1.6	18
25	Influence of Measurement Aggregation Algorithms on Power Quality Assessment and Correlation Analysis in Electrical Power Network with PV Power Plant. Energies, 2019, 12, 3547.	1.6	17
26	Monitoring the Number and Duration of Power Outages and Voltage Deviations at Both Sides of Switching Devices. IEEE Access, 2020, 8, 137174-137184.	2.6	16
27	Optimal Operation of Microgrids with Demand-Side Management Based on a Combination of Genetic Algorithm and Artificial Bee Colony. Sustainability, 2022, 14, 6759.	1.6	15
28	Intelligent Scheduling of Smart Home Appliances Based on Demand Response Considering the Cost and Peak-to-Average Ratio in Residential Homes. Energies, 2021, 14, 8510.	1.6	14
29	The Application of Hierarchical Clustering to Power Quality Measurements in an Electrical Power Network with Distributed Generation. Energies, 2020, 13, 2407.	1.6	13
30	A Case Study on Battery Energy Storage System in a Virtual Power Plant: Defining Charging and Discharging Characteristics. Energies, 2020, 13, 6670.	1.6	12
31	Clustering Methods for Power Quality Measurements in Virtual Power Plant. Energies, 2021, 14, 5902.	1.6	12
32	Fuzzy Hysteresis Current Controller for Power Quality Enhancement in Renewable Energy Integrated Clusters. Sustainability, 2022, 14, 4851.	1.6	12
33	Integration Monitoring of On-grid Photovoltaic System: Case Study. Periodica Polytechnica Electrical Engineering and Computer Science, 2019, 63, 99-105.	0.6	11
34	Optimal Operation of an Integrated Hybrid Renewable Energy System with Demand-Side Management in a Rural Context. Energies, 2022, 15, 5176.	1.6	11
35	A Case Study on Power Quality in a Virtual Power Plant: Long Term Assessment and Global Index Application. Energies, 2020, 13, 6578.	1.6	10
36	Elastic Damping Mechanism Optimization by Indefinite Lagrange Multipliers. IEEE Access, 2021, 9, 71784-71804.	2.6	10

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37	Decreasing the Battery Recharge Time if Using a Fuzzy Based Power Management Loop for an Isolated Micro-Grid Farm. Sustainability, 2022, 14, 2870.	1.6	10
38	A hybrid distributed framework for optimal coordination of electric vehicle aggregators problem. Energy, 2022, 249, 123674.	4.5	9
39	The role of EV based peer-to-peer transactive energy hubs in distribution network optimization. Applied Energy, 2022, 319, 119267.	5.1	9
40	Methods Improving Energy Efficiency of Photovoltaic Systems Operating under Partial Shading. Applied Sciences (Switzerland), 2021, 11, 10696.	1.3	8
41	A Case Study on Data Mining Application in a Virtual Power Plant: Cluster Analysis of Power Quality Measurements. Energies, 2021, 14, 974.	1.6	7
42	A Case Study on a Hierarchical Clustering Application in a Virtual Power Plant: Detection of Specific Working Conditions from Power Quality Data. Energies, 2021, 14, 907.	1.6	7
43	Off-Grid Rural Electrification in India Using Renewable Energy Resources and Different Battery Technologies with a Dynamic Differential Annealed Optimization. Energies, 2021, 14, 5866.	1.6	7
44	Global power quality indices for assessment of multipoint Power quality measurements. , 2018, , .		6
45	The method of extending drone piloting autonomy when monitoring the technical condition of 6-10 kV overhead power lines. E3S Web of Conferences, 2019, 124, 02010.	0.2	6
46	Political-Optimizer-Based Energy-Management System for Microgrids. Electronics (Switzerland), 2021, 10, 3119.	1.8	6
47	Combined Correlation and Cluster Analysis for Long-Term Power Quality Data from Virtual Power Plant. Electronics (Switzerland), 2021, 10, 641.	1.8	5
48	Microgrid Working Conditions Identification Based on Cluster Analysis – A Case Study From Lambda Microgrid. IEEE Access, 2022, 10, 70971-70979.	2.6	4
49	A practical probabilistic approach for load balancing in data-scarce LV distribution systems using discrete PSO and 2-AM+1 PEM. International Journal of Electrical Power and Energy Systems, 2022, 135, 107530.	3.3	3
50	Global Power Quality Index application in Virtual Power Plant. , 2020, , .		3
51	Integration of supervision and monitoring systems of microgrids – a case study from Lambda Microgrid for correlation analysis. , 2021, , .		3
52	A Heuristic Method to Calculate the Capacity of Residential PV-BESS in Providing Upward Flexibility Services in Energy Communities. IEEE Access, 2022, 10, 2908-2928.	2.6	3
53	Machine Learning and Data Mining Applications in Power Systems. Energies, 2022, 15, 1676.	1.6	3
54	Cluster Analysis for Long-Term Power Quality Data in Mining Electrical Power Network. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
55	Effect of Dynamic Bridging on Homogeneous Grain Movement in a Microwave Processing Zone. <i>Agronomy</i> , 2021, 11, 2014.	1.3	2
56	Identification of Technological Limitations of a Battery Energy Storage System. , 2020, , .		2
57	A Power-Efficient Multichannel Low-Pass Filter Based on the Cascaded Multiple Accumulate Finite Impulse Response (CMFIR) Structure for Digital Image Processing. <i>Circuits, Systems, and Signal Processing</i> , 2022, 41, 3864-3881.	1.2	2
58	Mining Industry Corporate Social Responsibility to Education Development. <i>Resources</i> , 2022, 11, 65.	1.6	2
59	Cluster analysis of long-term power quality data. , 2016, , .		1
60	Computer-aided appliances to underground machines maintenance – Selected issues. , 2018, , .		1
61	Different working conditions identification of a PV power plant using hierarchical clustering. , 2020, , .		1
62	Hybrid Power Plant with Storage System: University Research Station. <i>Periodica Polytechnica Electrical Engineering and Computer Science</i> , 2020, 64, 47-52.	0.6	1
63	D-GENE-Based Discovery of Frequent Occupational Diseases among Female Home-Based Workers. <i>Electronics (Switzerland)</i> , 2021, 10, 1230.	1.8	1
64	Evaluation of bearing assembly lifespan for electric motors - a case study on agriculture. , 2020, , .		0
65	Energy management in a real microgrid with hydroelectric power plant and battery storage unit. , 2019, , .		0
66	Zastosowanie eksploracji danych do identyfikacji oznaczonych wyników w pomiaru jakości energii elektrycznej w ujęciu obszarowym. <i>Przegląd Elektrotechniczny</i> , 2020, 1, 11-14.	0.1	0
67	A distributed framework for optimal operation of EV aggregators problem. , 2021, , .		0
68	Power quality assessment of PV power plant. , 2021, , .		0
69	Signal Analysis in Power Systems. <i>Energies</i> , 2021, 14, 7850.	1.6	0
70	A hybrid IGDT-robust optimization model for optimal self-scheduling of a smart home. , 2021, , .		0