Pawel Kostyla

List of Publications by Year
in descending order

17 papers	205 citations	1040056 9 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	199 citing authors

#	Article	IF	Citations
1	The Impact of Supply Voltage Waveform Distortion on Non-Intentional Emission in the Frequency Range 2–150 kHz: An Experimental Study with Power-Line Communication and Selected End-User Equipment. Energies, 2021, 14, 777.	3.1	8
2	A Case Study on Data Mining Application in a Virtual Power Plant: Cluster Analysis of Power Quality Measurements. Energies, 2021, 14, 974.	3.1	7
3	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.	3.1	7
4	Clustering Methods for Power Quality Measurements in Virtual Power Plant. Energies, 2021, 14, 5902.	3.1	12
5	A New Advanced Method for an Accurate Assessment of Harmonic and Supraharmonic Distortion in Power System Waveforms. IEEE Access, 2021, 9, 88685-88698.	4.2	12
6	A Case Study on Power Quality in a Virtual Power Plant: Long Term Assessment and Global Index Application. Energies, 2020, 13, 6578.	3.1	10
7	A Case Study on Battery Energy Storage System in a Virtual Power Plant: Defining Charging and Discharging Characteristics. Energies, 2020, 13, 6670.	3.1	12
8	A Case Study on Distributed Energy Resources and Energy-Storage Systems in a Virtual Power Plant Concept: Technical Aspects. Energies, 2020, 13, 3086.	3.1	37
9	Hybrid Power Plant with Storage System: University Research Station. Periodica Polytechnica Electrical Engineering and Computer Science, 2020, 64, 47-52.	1.0	1
10	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.	3.1	18
11	Global Power Quality Index application in Virtual Power Plant. , 2020, , .		3
12	Techno-Economic Optimization of Grid-Connected Photovoltaic (PV) and Battery Systems Based on Maximum Demand Reduction (MDRed) Modelling in Malaysia. Energies, 2019, 12, 3531.	3.1	13
13	Influence of Measurement Aggregation Algorithms on Power Quality Assessment and Correlation Analysis in Electrical Power Network with PV Power Plant. Energies, 2019, 12, 3547.	3.1	17
14	Application of the Electret in Alpha Radiation Sensor to Measure the Concentration of Radon in Selected Ambient Conditions. Journal of Sensors, 2019, 2019, 1-9.	1.1	2
15	A Case Study on Distributed Energy Resources and Energy-Storage Systems in a Virtual Power Plant Concept: Economic Aspects. Energies, 2019, 12, 4447.	3.1	39
16	Parametric algorithms for frequency estimation in PWM converter systems. Electric Power Systems Research, 2009, 79, 1568-1573.	3.6	3
17	Adaptive neural networks for robust estimation of signal parameters. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2000, 19, 903-912.	0.9	4