

# Ryszard PaweÅ,ek

## List of Publications by Year in descending order

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36  
papers

340  
citations

1478505

6  
h-index

1281871

11  
g-index

36  
all docs

36  
docs citations

36  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy storage application in low-voltage microgrids for energy management and power quality improvement. IET Generation, Transmission and Distribution, 2014, 8, 463-472.	2.5	62
2	Shunt compensation for power quality improvement using a STATCOM controller: modelling and simulation. IET Generation, Transmission and Distribution, 2004, 151, 274.	1.1	61
3	A Power-Quality Management Algorithm for Low-Voltage Grids With Distributed Resources. IEEE Transactions on Power Delivery, 2008, 23, 1055-1062.	4.3	47
4	Application of DSTATCOM compensators for mitigation of power quality disturbances in low voltage grid with distributed generation. , 2007, , .		28
5	Study on operation of energy storage in electrical power microgrid - Modeling and simulation. , 2010, , .		20
6	Characteristics of TiO <sub>2</sub> , Cu <sub>2</sub> O, and TiO <sub>2</sub> /Cu <sub>2</sub> O thin films for application in PV devices. AIP Advances, 2019, 9, .	1.3	15
7	Energy management system as a mean for the integration of distributed energy sources with low voltage network. , 2011, , .		13
8	Experimental analysis of DC electric vehicles charging station operation and its impact on the supplying grid. , 2014, , .		10
9	Innovative energy management system for low-voltage networks with distributed generation based on prosumers' active participation. Applied Energy, 2022, 312, 118705.	10.1	10
10	Hardware-in-the-Loop Validation of an Energy Management System for LV Distribution Networks with Renewable Energy Sources. Energies, 2022, 15, 2561.	3.1	8
11	Application of STATCOM controllers for power quality improvement - modeling and simulation. , 0, , .		7
12	Comparative measurements of voltage harmonics in transmission grid of 400 kV. , 2014, , .		6
13	Comparison of Solar Tracking and Fixed-Tilt Photovoltaic Modules in Lodz. Journal of Solar Energy Engineering, Transactions of the ASME, 2018, 140, .	1.8	6
14	Voltage dip compensation in LV networks using distributed energy resources. , 0, , .		5
15	Effectiveness of use of the energy management system as a mean for the integration of distributed energy sources in low voltage network. , 2012, , .		5
16	Using energy storage for energy management and load compensation in LV microgrids. , 2012, , .		5
17	Impact of wind power plant on electrical power system &#x2014; Comparison of calculation method and measurements. , 2011, , .		4
18	Analysis of possibilities and demand for energy in a public building using a tracking photovoltaic installation. E3S Web of Conferences, 2018, 49, 00096.	0.5	4

#	ARTICLE	IF	CITATIONS
19	A Simulation Model for Providing Analysis of Wind Farms Frequency and Voltage Regulation Services in an Electrical Power System. <i>Energies</i> , 2021, 14, 2250.	3.1	4
20	A simulation method for estimating supply voltage dips in electrical power networks. , 0, , .		3
21	Control algorithm for the 12-pulse SVC. , 0, , .		3
22	Laboratory of distributed generation in Institute of Electrical Power Engineering of Technical University of Lodz. , 2007, , .		3
23	Analysis of current distortion of the unsteady non-linear loads. , 2008, , .		2
24	Analiza parametrów modułów fotowoltaicznych stacjonarnych i nadmiarowych w warunkach rzeczywistych. <i>Przeład Elektrotechniczny</i> , 2016, 1, 60-63.	0.2	2
25	Power quality improvement in LV networks using distributed generation. , 0, , .		1
26	Assessment of electromagnetic disturbances transfer between networks. , 2007, , .		1
27	DER laboratory in Institute of Electrical Power Engineering of Technical University of Lodz. , 2008, , .		1
28	Monitoring and control systems for testing microgrids operation on the example of Laboratory of Distributed Generation at the Technical University of Lodz. , 2009, , .		1
29	Effectiveness of Energy Storage Application for improving the quality of supply in Low Voltage Networks with Distributed Generation. , 2020, , .		1
30	A Simulation Model for the Analysis of Wind Farm Usage in Frequency and Voltage Regulation in an Electrical Power System. , 2020, , .		1
31	Zastosowanie transformatory falkowej do analizy przebiegów napięć zasilających napiędy z częstotliwościami regulacji... prędkości obrotowej. <i>Przeład Elektrotechniczny</i> , 2015, 1, 71-75.	0.2	1
32	Examination of power quality in industry. , 0, , .		0
33	Monitoring disturbances in electrical power systems. , 0, , .		0
34	Simulation method for designing compensation equipment applied for power quality improvement. , 0, , .		0
35	Model symulacyjny parku wiatrowego. <i>Przeład Elektrotechniczny</i> , 2017, 1, 225-229.	0.2	0
36	Kompensacja mocy biernej w sieciach elektrycznych ze źródłami interharmonicznymi. <i>Przeład Elektrotechniczny</i> , 2019, 1, 43-46.	0.2	0