

Peter Bracinik

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

209
citations

1478505

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1199594

12
g-index

38
all docs

38
docs citations

38
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of Battery Models for Sustainable Power and Transport Applications. Transportation Research Procedia, 2019, 40, 548-555.	1.5	37
2	Comparison between the particle swarm optimisation and differential evolution approaches for the optimal proportionalâ€“integral controllers design during photovoltaic power plants modelling. IET Renewable Power Generation, 2016, 10, 522-530.	3.1	18
3	Optimization of distribution network operation based on data from smart metering systems. Electrical Engineering, 2017, 99, 1417-1428.	2.0	18
4	The Impact of Embedded Generation on Distribution Grid Operation. , 2018, , .		18
5	Proportional-Integral Controllers Performance of a Grid-Connected Solar PV System with Particle Swarm Optimization and Zieglerâ€“Nichols Tuning Method. Energies, 2021, 14, 2516.	3.1	18
6	Social welfare-based charging of electric vehicles in the microgrids fed by renewables. International Journal of Electrical Power and Energy Systems, 2022, 138, 107974.	5.5	13
7	Retrofit of distributed generation vs. frequency control in smart grids atÂoverfrequency. Electrical Engineering, 2017, 99, 1403-1415.	2.0	12
8	Modelling of a dynamic cooperation between a PV array and DC boost converter. , 2015, , .		9
9	Modelling effects of the distributed generation supporting e-mobility on the operation of the distribution power network. Transportation Research Procedia, 2019, 40, 556-563.	1.5	6
10	Definition of Discrete Choice Models of EV Owners Based on Different Socio-Demographic Aspects. Applied Sciences (Switzerland), 2021, 11, 3679.	2.5	6
11	Autonomous power restoration of medium voltage distribution network. , 2012, , .		4
12	Modeling of a DC boost converter behavior in PV system using finite state machines. , 2015, , .		4
13	The mathematical model of the power transformer considering the parasitic capacitances. , 2016, , .		4
14	Analysis of the discrete choice model representing the electric vehicle ownersâ€™ behavior in Slovakia. Electrical Engineering, 0, , 1.	2.0	4
15	Transient analysis of voltage transformer in order to fault location in medium voltage network. , 2010, , .		3
16	Fault location in medium voltage networks by the help of adapted triangulation principle. , 2010, , .		3
17	Frequency control in smart grids based on renewables vs. ENSTO-E grid code requirements. , 2016, , .		3
18	Modelling of a photovoltaic power plant with Finite State Machines. , 2016, , .		3

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19	Energy hub "The solution for overcoming negative impacts of massive electromobility" Case study. , 2018, , .		3
20	FSM Model of a Simple Photovoltaic System. Advances in Electrical and Electronic Engineering, 2015, 13, .	0.3	3
21	The Vehicle-to-Grid Concept with Respect to the Preferences of Electric Vehicle Drivers and Charging Station Operators. Applied Sciences (Switzerland), 2022, 12, 5476.	2.5	3
22	Current transformer analysis under transient conditions. , 2010, , .		2
23	The protection and the control of a small Off-Grid system. , 2014, , .		2
24	Optimization of the distribution network operation based on data from distribution substations. , 2018, , .		2
25	Utilization of finite state machine approach for microgrid modeling. Electrical Engineering, 2020, 102, 53-63.	2.0	2
26	Power Restoration in Medium Voltage Network Using Multiagent System. Advances in Electrical and Electronic Engineering, 2013, 11, .	0.3	2
27	The verification of data acquisition approach for new fault location method in medium voltage networks. , 2011, , .		1
28	Model of photovoltaic power plant with constant resistive load. , 2014, , .		1
29	Frequency containment and restoration process of the photovoltaic power plant in the smart region during overfrequencies. , 2016, , .		1
30	Measurement and processing data from smart metering systems. , 2016, , .		1
31	Off-grid model of photovoltaic system with real time monitoring function. , 2018, , .		1
32	Utilization of finite state machine approach for smart region generation modelling. , 2018, , .		1
33	Social Welfare Maximization in Vehicle-to-Grid Concept. , 2021, , .		1
34	Testing of new fault location method for medium voltage networks. , 2011, , .		0
35	Utilization of the storage systems in a distribution system to balance the consumption. , 2019, , .		0
36	Improving reliability of sensitive appliance supply combining DVR and UPS techniques: A new concept. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	A decision-making process in a vehicle to grid concept. , 2020, , .		0
38	The impact of the construction of the new 400 kV transmission power lines between Slovakia and Hungary on the cross-border transmissions. Journal of Electrical Engineering, 2019, 70, 418-428.	0.7	0