

Navid Bayati

List of Publications by Year in descending order

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papers

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26
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26
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times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Local Fault Location in Meshed DC Microgrids Based On Parameter Estimation Technique. IEEE Systems Journal, 2022, 16, 1606-1615.	2.9	19
2	Fault Analysis and Protection of Low-Voltage DC Microgrid Equipped by Renewable Energy Resources. , 2022, , 978-1012.		3
3	Locating high-impedance faults in DC microgrid clusters using support vector machines. Applied Energy, 2022, 308, 118338.	5.1	21
4	EMD/HT-based local fault detection in DC microgrid clusters. IET Smart Grid, 2022, 5, 177-188.	1.5	9
5	A Localized Transient-Based Fault Location Scheme for Distribution Systems. Sensors, 2022, 22, 2723.	2.1	4
6	Localized Protection of Radial DC Microgrids With High Penetration of Constant Power Loads. IEEE Systems Journal, 2021, 15, 4145-4156.	2.9	42
7	Mathematical morphology-based local fault detection in DC Microgrid clusters. Electric Power Systems Research, 2021, 192, 106981.	2.1	17
8	Delay and General Multiplicative Noise-Resilient Secondary Frequency and Voltage Control for an Autonomous Microgrid. , 2021, , .		1
9	A Localized Protection Scheme for Ring DC Microgrids using Distribution-Sensitive Poverty Index. , 2021, , .		0
10	Cyber-Attack Detection in DC Microgrids Based on Deep Machine Learning and Wavelet Singular Values Approach. Electronics (Switzerland), 2021, 10, 1914.	1.8	24
11	Protection Systems for DC Shipboard Microgrids. Energies, 2021, 14, 5319.	1.6	9
12	DC Fault Current Analyzing, Limiting, and Clearing in DC Microgrid Clusters. Energies, 2021, 14, 6337.	1.6	12
13	A Fuse Saving Scheme for DC Microgrids With High Penetration of Renewable Energy Resources. IEEE Access, 2020, 8, 137407-137417.	2.6	25
14	Adaptive Overhead Transmission Lines Auto-Reclosing Based on Hilbert-Huang Transform. Energies, 2020, 13, 5416.	1.6	12
15	Blockchain-based protection schemes of DC microgrids. , 2020, , 195-214.		1
16	Fault Analysis and Protection of Low-Voltage DC Microgrid Equipped by Renewable Energy Resources. Advances in Computer and Electrical Engineering Book Series, 2020, , 341-375.	0.2	3
17	Net-Zero Energy Buildings: Modeling, Real-Time Operation, and Protection. , 2020, , 141-179.		0
18	Fractional Order Modelling of DC-DC Boost Converters. , 2019, , .		10

#	ARTICLE	IF	CITATIONS
19	Localized Fault Protection in the DC Microgrids with Ring Configuration. , 2019, , .		7
20	A Comparative Study between Traditional Backup Generator Systems and Renewable Energy Based Microgrids for Power Resilience Enhancement of a Local Clinic. Electronics (Switzerland), 2019, 8, 1485.	1.8	31
21	Distributed Control Methods and Impact of Communication Failure in AC Microgrids: A Comparative Review. Electronics (Switzerland), 2019, 8, 1265.	1.8	33
22	Accurate Modeling of DC Microgrid for Fault and Protection Studies. , 2018, , .		3
23	Protection in DC microgrids: a comparative review. IET Smart Grid, 2018, 1, 66-75.	1.5	140
24	Considering variations of network topology in optimal relay coordination using time-current-voltage characteristic. , 2017, , .		13
25	Optimized design of fractional-order PID controllers for autonomous underwater vehicle using genetic algorithm. , 2015, , .		10