

# Given Names Deactivated Family Name Deactivated

## List of Publications by Citations

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75  
papers

1,975  
citations

21  
h-index

43  
g-index

79  
ext. papers

2,570  
ext. citations

4.3  
avg, IF

5.83  
L-index

#	Paper	IF	Citations
75	Cooperative Control Strategy of Energy Storage System and Microsources for Stabilizing the Microgrid during Islanded Operation. <i>IEEE Transactions on Power Electronics</i> , <b>2010</b> , 25, 3037-3048	7.2	341
74	A Multiagent-Based Hierarchical Energy Management Strategy for Multi-Microgrids Considering Adjustable Power and Demand Response. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 1323-1333	10.7	177
73	Microgrids as a resilience resource and strategies used by microgrids for enhancing resilience. <i>Applied Energy</i> , <b>2019</b> , 240, 56-72	10.7	171
72	Development of Hardware In-the-Loop Simulation System for Testing Operation and Control Functions of Microgrid. <i>IEEE Transactions on Power Electronics</i> , <b>2010</b> , 25, 2919-2929	7.2	124
71	A Resilient and Privacy-Preserving Energy Management Strategy for Networked Microgrids. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 2127-2139	10.7	115
70	. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 204-215	10.7	77
69	. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 457-469	10.7	64
68	An Intelligent Multiagent System for Autonomous Microgrid Operation. <i>Energies</i> , <b>2012</b> , 5, 3347-3362	3.1	54
67	A Multiagent System for Autonomous Operation of Islanded Microgrids Based on a Power Market Environment. <i>Energies</i> , <b>2010</b> , 3, 1972-1990	3.1	47
66	An Algorithm for Effective Mitigation of Commutation Failure in High-Voltage Direct-Current Systems. <i>IEEE Transactions on Power Delivery</i> , <b>2016</b> , 31, 1437-1446	4.3	46
65	Designing an Energy Storage System Fuzzy PID Controller for Microgrid Islanded Operation. <i>Energies</i> , <b>2011</b> , 4, 1443-1460	3.1	45
64	Optimal Energy Management of Multi-Microgrids with Sequentially Coordinated Operations. <i>Energies</i> , <b>2015</b> , 8, 8371-8390	3.1	42
63	Optimal Sizing of Battery Energy Storage System in a Fast EV Charging Station Considering Power Outages. <i>IEEE Transactions on Transportation Electrification</i> , <b>2020</b> , 6, 453-463	7.6	37
62	Impact of Uncertainties on Resilient Operation of Microgrids: A Data-Driven Approach. <i>IEEE Access</i> , <b>2019</b> , 7, 14924-14937	3.5	36
61	Distributed Load-Shedding System for Agent-Based Autonomous Microgrid Operations. <i>Energies</i> , <b>2014</b> , 7, 385-401	3.1	34
60	Avoiding Frequency Second Dip in Power Unreserved Control During Wind Power Rotational Speed Recovery. <i>IEEE Transactions on Power Systems</i> , <b>2018</b> , 33, 3097-3106	7	31
59	A bankruptcy problem approach to load-shedding in multiagent-based microgrid operation. <i>Sensors</i> , <b>2010</b> , 10, 8888-98	3.8	28

58	Fuzzy Logic-Based Operation of Battery Energy Storage Systems (BESSs) for Enhancing the Resiliency of Hybrid Microgrids. <i>Energies</i> , <b>2017</b> , 10, 271	3.1	27
57	A microgrid energy management system for inducing optimal demand response <b>2011</b> ,		27
56	An Energy Management System With Optimum Reserve Power Procurement Function for Microgrid Resilience Improvement. <i>IEEE Access</i> , <b>2019</b> , 7, 42577-42585	3.5	23
55	Optimal Operation of Microgrids Considering Auto-Configuration Function Using Multiagent System. <i>Energies</i> , <b>2017</b> , 10, 1484	3.1	23
54	A Droop Frequency Control for Maintaining Different Frequency Qualities in a Stand-Alone Multimicrogrid System. <i>IEEE Transactions on Sustainable Energy</i> , <b>2018</b> , 9, 599-609	8.2	20
53	Application of Model Predictive Control to BESS for Microgrid Control. <i>Energies</i> , <b>2015</b> , 8, 8798-8813	3.1	19
52	Analyzing the Impacts of System Parameters on MPC-Based Frequency Control for a Stand-Alone Microgrid. <i>Energies</i> , <b>2017</b> , 10, 417	3.1	17
51	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 2268-2279	11.9	17
50	Q-Learning-Based Operation Strategy for Community Battery Energy Storage System (CBESS) in Microgrid System. <i>Energies</i> , <b>2019</b> , 12, 1789	3.1	15
49	. <i>IEEE Transactions on Sustainable Energy</i> , <b>2018</b> , 9, 1636-1647	8.2	15
48	Recommendation algorithm of the app store by using semantic relations between apps. <i>Journal of Supercomputing</i> , <b>2013</b> , 65, 16-26	2.5	15
47	Robustness Improvement of Superconducting Magnetic Energy Storage System in Microgrids Using an Energy Shaping Passivity-Based Control Strategy. <i>Energies</i> , <b>2017</b> , 10, 671	3.1	14
46	. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 3474-3485	10.7	14
45	Stationary Energy Storage System for Fast EV Charging Stations: Simultaneous Sizing of Battery and Converter. <i>Energies</i> , <b>2019</b> , 12, 4516	3.1	13
44	Low-Voltage Ride-Through Operation of Grid-Connected Microgrid Using Consensus-Based Distributed Control. <i>Energies</i> , <b>2018</b> , 11, 2867	3.1	13
43	Impact Analysis of Survivability-Oriented Demand Response on Islanded Operation of Networked Microgrids with High Penetration of Renewables. <i>Energies</i> , <b>2019</b> , 12, 452	3.1	12
42	Adaptive Robust Optimization-Based Optimal Operation of Microgrids Considering Uncertainties in Arrival and Departure Times of Electric Vehicles. <i>Energies</i> , <b>2018</b> , 11, 2646	3.1	12
41	A Simplified Model of Coaxial, Multilayer High-Temperature Superconducting Power Cables with Cu Formers for Transient Studies. <i>Energies</i> , <b>2019</b> , 12, 1514	3.1	11

40	Transfverter: Imbuing Transformer-Like Properties in an Interlink Converter for Robust Control of a Hybrid ACDC Microgrid. <i>IEEE Transactions on Power Electronics</i> , <b>2019</b> , 34, 11332-11341	7.2	11
39	Limitations in Energy Management Systems: A Case Study for Resilient Interconnected Microgrids. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 5675-5685	10.7	11
38	Improving Transient Response of Power Converter in a Stand-Alone Microgrid Using Virtual Synchronous Generator. <i>Energies</i> , <b>2018</b> , 11, 27	3.1	11
37	Vehicle-to-grid communication system for electric vehicle charging. <i>Integrated Computer-Aided Engineering</i> , <b>2012</b> , 19, 57-65	5.2	10
36	EV Prioritization and Power Allocation During Outages: A Lexicographic Method-Based Multiobjective Optimization Approach. <i>IEEE Transactions on Transportation Electrification</i> , <b>2021</b> , 7, 2474-2487	7.6	10
35	Applying Model Predictive Control to SMES System in Microgrids for Eddy Current Losses Reduction. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2016</b> , 26, 1-5	1.8	9
34	A Novel Topology of Hybrid HVDC Circuit Breaker for VSC-HVDC Application. <i>Energies</i> , <b>2017</b> , 10, 1675	3.1	9
33	Optimal Electric and Heat Energy Management of Multi-Microgrids with Sequentially-Coordinated Operations. <i>Energies</i> , <b>2016</b> , 9, 473	3.1	9
32	Priority-Based Hierarchical Operational Management for Multiagent-Based Microgrids. <i>Energies</i> , <b>2014</b> , 7, 2051-2078	3.1	8
31	Optimal Operation of Networked Microgrids for Enhancing Resilience Using Mobile Electric Vehicles. <i>Energies</i> , <b>2021</b> , 14, 142	3.1	8
30	MPC with Constant Switching Frequency for Inverter-Based Distributed Generations in Microgrid Using Gradient Descent. <i>Energies</i> , <b>2019</b> , 12, 1156	3.1	7
29	Optimal Operation of Wind Farm for Reducing Power Deviation Considering Grid-Code Constraints and Events. <i>IEEE Access</i> , <b>2019</b> , 7, 139058-139068	3.5	7
28	Stationary Energy Storage System for Fast EV Charging Stations: Optimality Analysis and Results Validation. <i>Energies</i> , <b>2020</b> , 13, 230	3.1	7
27	A comparison study of MVDC and MVAC for deployment of distributed wind generations <b>2016</b> ,		7
26	Welfare Maximization-Based Distributed Demand Response for Islanded Multi-Microgrid Networks Using Diffusion Strategy. <i>Energies</i> , <b>2019</b> , 12, 3701	3.1	7
25	Optimal Energy Management of Building Microgrid Networks in Islanded Mode Considering Adjustable Power and Component Outages. <i>Energies</i> , <b>2018</b> , 11, 2351	3.1	7
24	Consensus Algorithm-Based Distributed Operation of Microgrids During Grid-Connected and Islanded Modes. <i>IEEE Access</i> , <b>2020</b> , 8, 78151-78165	3.5	6
23	Goal-Programming-Based Multi-Objective Optimization in Off-Grid Microgrids. <i>Sustainability</i> , <b>2020</b> , 12, 8119	3.6	6

22	A Multi-Agent System-Based Approach for Optimal Operation of Building Microgrids with Rooftop Greenhouse. <i>Energies</i> , <b>2018</b> , 11, 1876	3.1	6
21	An Energy-Based Control Strategy for Battery Energy Storage Systems: A Case Study on Microgrid Applications. <i>Energies</i> , <b>2017</b> , 10, 215	3.1	5
20	Optimal Load Shedding for Maximizing Satisfaction in an Islanded Microgrid. <i>Energies</i> , <b>2017</b> , 10, 45	3.1	5
19	Simplified Floating Wind Turbine for Real-Time Simulation of Large-Scale Floating Offshore Wind Farms. <i>Energies</i> , <b>2021</b> , 14, 4571	3.1	4
18	Multi-Objective Optimization for Determining Trade-Off between Output Power and Power Fluctuations in Wind Farm System. <i>Energies</i> , <b>2019</b> , 12, 4242	3.1	4
17	Consensus-Based SOC Balancing of Battery Energy Storage Systems in Wind Farm. <i>Energies</i> , <b>2018</b> , 11, 3507	3.1	4
16	Loss Characteristic Analysis of HTS DC Power Cable Using LCC Based DC Transmission System. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2012</b> , 22, 5801304-5801304	1.8	3
15	Distributed Operation of Wind Farm for Maximizing Output Power: A Multi-Agent Deep Reinforcement Learning Approach. <i>IEEE Access</i> , <b>2020</b> , 8, 173136-173146	3.5	3
14	Impacts of a LVRT Control Strategy of Offshore Wind Farms on the HTS Power Cable. <i>Energies</i> , <b>2020</b> , 13, 1194	3.1	2
13	Design of a New Virtual Interaction Based PLC Training Using Virtual Sensors and Actuators: System and Its Application. <i>International Journal of Distributed Sensor Networks</i> , <b>2013</b> , 9, 505920	1.7	2
12	Evaluation of Multi-Objective Optimization Techniques for Resilience Enhancement of Electric Vehicles. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 3030	2.6	2
11	Fault Analysis and Design of a Protection System for a Mesh Power System with a Co-Axial HTS Power Cable. <i>Energies</i> , <b>2020</b> , 13, 220	3.1	2
10	Hybrid Energy Management System for Operation of Wind Farm System Considering Grid-Code Constraints. <i>Energies</i> , <b>2019</b> , 12, 4672	3.1	2
9	Diffusion-Based Distributed Coordination Control of Power Converters in MG for Efficiency Improvement. <i>IEEE Access</i> , <b>2019</b> , 7, 53347-53357	3.5	1
8	Traffic Rerouting Strategy against Jamming Attacks in WSNs for Microgrid. <i>International Journal of Distributed Sensor Networks</i> , <b>2012</b> , 8, 234029	1.7	1
7	Model Predictive Control of Inverters in Microgrid with Constant Switching Frequency for Circulating Current Suppression <b>2018</b> ,		1
6	Direct Phase Angle and Voltage Amplitude Model Predictive Control of a Power Converter for Microgrid Applications. <i>Energies</i> , <b>2018</b> , 11, 2254	3.1	1
5	Distributed Operation of Microgrids Considering Secondary Frequency Restoration Based on the Diffusion Algorithm. <i>Energies</i> , <b>2020</b> , 13, 3207	3.1	0

4	Optimal Sizing of Energy Storage System for Operation of Wind Farms Considering Grid-Code Constraints. <i>Energies</i> , <b>2021</b> , 14, 5478	3.1	0
3	Optimized User-Friendly Transaction Time Management in the Blockchain Distributed Energy Market. <i>IEEE Access</i> , <b>2022</b> , 10, 34731-34742	3.5	0
2	Multiagent-Based Distributed Coordination of Inverter-Based Resources for Optimal Operation of Microgrids Considering Communication Failures. <i>Energies</i> , <b>2022</b> , 15, 3736	3.1	0
1	Optimal Operation of Building Microgrids with Rooftop Greenhouse Under Component Outages in Islanded Mode. <i>Energies</i> , <b>2019</b> , 12, 1930	3.1	