

Yajie Liu

List of Publications by Year in descending order

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42
papers

443
citations

758635

12
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752256

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all docs

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docs citations

42
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	State-of-health estimation for lithium-ion batteries by combining model-based incremental capacity analysis with support vector regression. <i>Energy</i> , 2022, 239, 121986.	4.5	36
2	A deep belief network approach to remaining capacity estimation for lithium-ion batteries based on charging process features. <i>Journal of Energy Storage</i> , 2022, 48, 103825.	3.9	29
3	Resilience Assessment for Microgrid with Pre-Position and Reconfiguration of Emergency Distribution Generations under Natural Hazard. <i>International Transactions on Electrical Energy Systems</i> , 2022, 2022, 1-12.	1.2	1
4	An ensemble learning prognostic method for capacity estimation of lithium-ion batteries based on the V-IOWGA operator. <i>Energy</i> , 2022, 257, 124725.	4.5	5
5	Optimal energy management for grid-connected microgrids via expected-scenario-oriented robust optimization. <i>Energy</i> , 2021, 216, 119224.	4.5	21
6	A tri-level optimization model for power grid defense with the consideration of post-allocated DGs against coordinated cyber-physical attacks. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 130, 106903.	3.3	19
7	Robust Model Predictive Control for Energy Management of Isolated Microgrids Based on Interval Prediction. <i>Discrete Dynamics in Nature and Society</i> , 2021, 2021, 1-14.	0.5	4
8	An LSTM-Based Approach For Capacity Estimation on Lithium-ion Battery. , 2021, , .		0
9	A Fusion Method to Estimate the State-of-Health of Lithium-ion Batteries. , 2021, , .		0
10	Multimodal iron ore inbound logistics network design under demand uncertainty. <i>Maritime Policy and Management</i> , 2020, , 1-25.	1.9	2
11	Research on the Multiobjective Optimization of Microwave Wireless Power Receiving in an Unmanned Aerial Vehicle Network. <i>Complexity</i> , 2020, 2020, 1-8.	0.9	4
12	Wireless Energy Transmission Link Optimization considering Microwave Energy Relay. <i>Complexity</i> , 2020, 2020, 1-11.	0.9	0
13	An adaptive tabu search algorithm embedded with iterated local search and route elimination for the bike repositioning and recycling problem. <i>Computers and Operations Research</i> , 2020, 123, 105035.	2.4	21
14	Two-stage robust optimal scheduling of cooperative microgrids based on expected scenarios. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 6741-6753.	1.4	3
15	A modified framework based on LSTM-FC for wind turbine health status prediction. , 2020, , .		1
16	A Data-driven Power System Supportability Assessment Method for Emergency Missions of Spacecrafts. , 2020, , .		0
17	A Deep Learning Method with Ensemble Learning for Capacity Estimation of Lithium-ion Battery. , 2020, , .		3
18	Two-stage Robust Economic Dispatch of Multi-microgrids under Expected Scenario. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	A performance degradation model of solar cells in an on-orbit resource satellite based on peak currents. <i>Solar Energy</i> , 2019, 189, 26-34.	2.9	6
20	A Method for Interval Prediction of Satellite Battery State of Health Based on Sample Entropy. <i>IEEE Access</i> , 2019, 7, 141549-141561.	2.6	22
21	Robust Optimization for Microgrid Defense Resource Planning and Allocation Against Multi-Period Attacks. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 5841-5850.	6.2	30
22	Multi-Objective Configuration Optimization for Isolated Microgrid With Shiftable Loads and Mobile Energy Storage. <i>IEEE Access</i> , 2019, 7, 95248-95263.	2.6	27
23	Multimodal Green Logistics Network Design of Urban Agglomeration with Stochastic Demand. <i>Journal of Advanced Transportation</i> , 2019, 2019, 1-19.	0.9	12
24	Spacecraft Telemetry Data Anomaly Detection Based On Multi-objective Optimization Interval Prediction. , 2019, , .		0
25	Detection of Voltage Anomalies in Spacecraft Storage Batteries Based on a Deep Belief Network. <i>Sensors</i> , 2019, 19, 4702.	2.1	8
26	A Robust and Model Predictive Control Based Energy Management Scheme for Grid-Connected Microgrids. , 2018, , .		3
27	Multi-Objective Configuration Optimization for Isolated Microgrid with Mobile Energy Storage and Shiftable Load. , 2018, , .		2
28	Short-Term Load Forecasting Using a Novel Deep Learning Framework. <i>Energies</i> , 2018, 11, 1554.	1.6	15
29	A Multi-Time Scale Robust Energy Management Scheme for Grid-Connected Micro-Grid. , 2018, , .		4
30	Optimizing charging and discharging on a micro-grid with ESS and dynamic price. , 2017, , .		1
31	Dynamic dispatch of isolated neighboring multi-microgrids based on model predictive control. , 2016, , .		6
32	An innovative real-time price based distributed optimal energy management of multi-microgrids in a smart distribution system. , 2016, , .		7
33	A multi-objective co-evolutionary algorithm for energy-efficient scheduling on a green data center. <i>Computers and Operations Research</i> , 2016, 75, 103-117.	2.4	64
34	An enhanced preference-inspired co-evolutionary algorithm using orthogonal design and an μ -dominance archiving strategy. <i>Engineering Optimization</i> , 2016, 48, 415-436.	1.5	2
35	Stochastic Model Predictive Control Based Economic Dispatch for Hybrid Energy System Including Wind and Energy Storage Devices. , 2015, , .		2
36	Dynamic design of sales territories. <i>Computers and Operations Research</i> , 2015, 56, 84-92.	2.4	42

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37	SGEES: Smart green energy-efficient scheduling strategy with dynamic electricity price for data center. <i>Journal of Systems and Software</i> , 2015, 108, 23-38.	3.3	19
38	Stochastic programming approach for earthquake disaster relief mobilization with multiple objectives. <i>Journal of Systems Engineering and Electronics</i> , 2013, 24, 642-654.	1.1	5
39	An optimal -statistics quantile estimator for a set of location-scale populations. <i>Statistics and Probability Letters</i> , 2012, 82, 1853-1858.	0.4	2
40	Network Coding for Peer-to-Peer Live Media Streaming. , 2006, , .		12
41	Layer Allocation Algorithms in Layered Peer-to-Peer Streaming with Source Server's Participation. Jisuanji Yanjiu Yu Fazhan/ <i>Computer Research and Development</i> , 2005, 42, 1472.	0.2	0
42	Layer Allocation Algorithms in Layered Peer-to-Peer Streaming. <i>Lecture Notes in Computer Science</i> , 2004, , 167-174.	1.0	3