

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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g-index

42
all docs

42
docs citations

42
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-objective co-evolutionary algorithm for energy-efficient scheduling on a green data center. Computers and Operations Research, 2016, 75, 103-117.	2.4	64
2	Dynamic design of sales territories. Computers and Operations Research, 2015, 56, 84-92.	2.4	42
3	State-of-health estimation for lithium-ion batteries by combining model-based incremental capacity analysis with support vector regression. Energy, 2022, 239, 121986.	4.5	36
4	Robust Optimization for Microgrid Defense Resource Planning and Allocation Against Multi-Period Attacks. IEEE Transactions on Smart Grid, 2019, 10, 5841-5850.	6.2	30
5	A deep belief network approach to remaining capacity estimation for lithium-ion batteries based on charging process features. Journal of Energy Storage, 2022, 48, 103825.	3.9	29
6	Multi-Objective Configuration Optimization for Isolated Microgrid With Shiftable Loads and Mobile Energy Storage. IEEE Access, 2019, 7, 95248-95263.	2.6	27
7	A Method for Interval Prediction of Satellite Battery State of Health Based on Sample Entropy. IEEE Access, 2019, 7, 141549-141561.	2.6	22
8	An adaptive tabu search algorithm embedded with iterated local search and route elimination for the bike repositioning and recycling problem. Computers and Operations Research, 2020, 123, 105035.	2.4	21
9	Optimal energy management for grid-connected microgrids via expected-scenario-oriented robust optimization. Energy, 2021, 216, 119224.	4.5	21
10	SGEES: Smart green energy-efficient scheduling strategy with dynamic electricity price for data center. Journal of Systems and Software, 2015, 108, 23-38.	3.3	19
11	A tri-level optimization model for power grid defense with the consideration of post-allocated DGs against coordinated cyber-physical attacks. International Journal of Electrical Power and Energy Systems, 2021, 130, 106903.	3.3	19
12	Short-Term Load Forecasting Using a Novel Deep Learning Framework. Energies, 2018, 11, 1554.	1.6	15
13	Network Coding for Peer-to-Peer Live Media Streaming. , 2006, , .		12
14	Multimodal Green Logistics Network Design of Urban Agglomeration with Stochastic Demand. Journal of Advanced Transportation, 2019, 2019, 1-19.	0.9	12
15	Detection of Voltage Anomalies in Spacecraft Storage Batteries Based on a Deep Belief Network. Sensors, 2019, 19, 4702.	2.1	8
16	An innovative real-time price based distributed optimal energy management of multi-microgrids in a smart distribution system. , 2016, , .		7
17	Dynamic dispatch of isolated neighboring multi-microgrids based on model predictive control. , 2016, , .		6
18	A performance degradation model of solar cells in an on-orbit resource satellite based on peak currents. Solar Energy, 2019, 189, 26-34.	2.9	6

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	A Multi-Time Scale Robust Energy Management Scheme for Grid-Connected Micro-Grid. , 2018, , .		4
22	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
23	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
24	A Robust and Model Predictive Control Based Energy Management Scheme for Grid-Connected Microgrids. , 2018, , .		3
25	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
26	Layer Allocation Algorithms in Layered Peer-to-Peer Streaming. <i>Lecture Notes in Computer Science</i> , 2004, , 167-174.	1.0	3
27	A Deep Learning Method with Ensemble Learning for Capacity Estimation of Lithium-ion Battery. , 2020, , .		3
28	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
29	Stochastic Model Predictive Control Based Economic Dispatch for Hybrid Energy System Including Wind and Energy Storage Devices. , 2015, , .		2
30	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
31	Multi-Objective Configuration Optimization for Isolated Microgrid with Mobile Energy Storage and Shiftable Load. , 2018, , .		2
32	Multimodal iron ore inbound logistics network design under demand uncertainty. <i>Maritime Policy and Management</i> , 2020, , 1-25.	1.9	2
33	Optimizing charging and discharging on a micro-grid with ESS and dynamic price. , 2017, , .		1
34	A modified framework based on LSTM-FC for wind turbine health status prediction. , 2020, , .		1
35	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
36	Spacecraft Telemetry Data Anomaly Detection Based On Multi-objective Optimization Interval Prediction. , 2019, , .		0

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37	Wireless Energy Transmission Link Optimization considering Microwave Energy Relay. Complexity, 2020, 2020, 1-11.	0.9	0
38	Layer Allocation Algorithms in Layered Peer-to-Peer Streaming with Source Server's Participation. Jisuanji Yanjiu Yu Fazhan/Computer Research and Development, 2005, 42, 1472.	0.2	0
39	A Data-driven Power System Supportability Assessment Method for Emergency Missions of Spacecrafts. , 2020, , .		0
40	An LSTM-Based Approach For Capacity Estimation on Lithium-ion Battery. , 2021, , .		0
41	Two-stage Robust Economic Dispatch of Multi-microgrids under Expected Scenario. , 2020, , .		0
42	A Fusion Method to Estimate the State-of-Health of Lithium-ion Batteries. , 2021, , .		0