

Jingrui Zhang

List of Publications by Year in descending order

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papers

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citations

623734

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34
all docs

34
docs citations

34
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-energy microgrid robust energy management with a novel decision-making strategy. Energy, 2022, 239, 121840.	8.8	12
2	Instantaneous harmonic detection based on composite observer for distort grid with DC bias and variable frequency. International Journal of Electrical Power and Energy Systems, 2022, 138, 107932.	5.5	3
3	A Distributed Robust Power System State Estimation Approach Using σ -Distribution Noise Model. IEEE Systems Journal, 2021, 15, 1066-1076.	4.6	14
4	A Distributed Maximum-Likelihood-Based State Estimation Approach for Power Systems. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	12
5	Three-level day-ahead optimal scheduling framework considering multi-stakeholders in active distribution networks: Up-to-down approach. Energy, 2021, 219, 119655.	8.8	17
6	Within-day rolling optimal scheduling problem for active distribution networks by multi-objective evolutionary algorithm based on decomposition integrating with thought of simulated annealing. Energy, 2021, 223, 120027.	8.8	20
7	Three-layer day-ahead scheduling for active distribution network by considering multiple stakeholders. Energy, 2020, 207, 118263.	8.8	9
8	Improved MOEA/D approach to many-objective day-ahead scheduling with consideration of adjustable outputs of renewable units and load reduction in active distribution networks. Energy, 2020, 210, 118524.	8.8	19
9	MOEA/D with many-stage dynamical resource allocation strategy to solution of many-objective OPF problems. International Journal of Electrical Power and Energy Systems, 2020, 120, 106050.	5.5	24
10	Improvement of model predictive control for single-phase inverters by using sinusoidal signal observers. IET Power Electronics, 2020, 13, 3841-3850.	2.1	4
11	An improved NSGA-III integrating adaptive elimination strategy to solution of many-objective optimal power flow problems. Energy, 2019, 172, 945-957.	8.8	82
12	Energy Management for a Microgrid With Different Charging and Discharging Priorities of Batteries Using Modified Grey Wolf Optimizer. , 2019, , .		3
13	Many-objective power flow optimization problems based on an improved MOEA/D with dynamical resource allocation strategy. , 2019, , .		0
14	Within-day Rolling Optimization of Active Distribution Network with Wind and Photovoltaic Distributed Generation. , 2019, , .		1
15	DE algorithm based double-layer frame of power flow calculation for loop distribution networks. , 2019, , .		0
16	Distributed Robust Control Strategy of Grid-Connected Inverters for Energy Storage Systems's State-of-Charge Balancing. IEEE Transactions on Smart Grid, 2018, 9, 5907-5917.	9.0	35
17	Real-Time Compressive Sensing Based Control Strategy for a Multi-Area Power System. IEEE Transactions on Smart Grid, 2018, 9, 4293-4302.	9.0	17
18	An Improved NSGA-III Approach to Many-Objective Optimal Power Flow Problems. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	A small-population based parallel differential evolution algorithm for short-term hydrothermal scheduling problem considering power flow constraints. Energy, 2017, 123, 538-554.	8.8	41
20	Flow boiling enhancement of structured microchannels with micro pin fins. International Journal of Heat and Mass Transfer, 2017, 105, 338-349.	4.8	115
21	MPI based PSO algorithm for the optimization problem in micro-grid energy management system. , 2017, , .		8
22	A hybrid harmony search algorithm with differential evolution for day-ahead scheduling problem of a microgrid with consideration of power flow constraints. Applied Energy, 2016, 183, 791-804.	10.1	136
23	A modified MOEA/D approach to the solution of multi-objective optimal power flow problem. Applied Soft Computing Journal, 2016, 47, 494-514.	7.2	107
24	A hybrid particle swarm optimization with small population size to solve the optimal short-term hydro-thermal unit commitment problem. Energy, 2016, 109, 765-780.	8.8	39
25	Parametric Study on Flow Boiling Characteristics in Ω -Shaped Re-Entrant Porous Microchannels With Structured Surface. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2015, 5, 1108-1121.	2.5	9
26	Simulating Spiking Neural P Systems with Circuits. Journal of Computational and Theoretical Nanoscience, 2015, 12, 2023-2026.	0.4	3
27	The implementation of micro-grid economic dispatch based on particle swarm optimization. , 2015, , .		2
28	Short-term optimal hydrothermal scheduling with power flow constraint. , 2015, , .		3
29	Short-term optimal hydrothermal scheduling problem considering power flow constraint. , 2015, , .		1
30	A modified chaotic differential evolution algorithm for short-term optimal hydrothermal scheduling. International Journal of Electrical Power and Energy Systems, 2015, 65, 159-168.	5.5	57
31	An Improved Differential Evolution Approach for Short-term Hydrothermal Scheduling. Journal of Information and Computational Science, 2015, 12, 1817-1829.	0.1	1
32	SHORT-TERM HYDROTHERMAL SCHEDULING CONSIDERING VALVE POINT EFFECT USING ACCELERATION-BASED PSO ALGORITHM. International Journal of Power and Energy Systems, 2013, 33, .	0.2	1
33	Small Population-Based Particle Swarm Optimization for Short-Term Hydrothermal Scheduling. IEEE Transactions on Power Systems, 2012, 27, 142-152.	6.5	107
34	Modeling for Cascaded Reservoirs Scheduling Considering Policy Factors. , 2009, , .		0