

Yuanzheng Li

List of Publications by Year in descending order

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57
papers

1,811
citations

279798

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57
all docs

57
docs citations

57
times ranked

1859
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Robust Energy Management of a Multimicrogrid System in the Real-Time Energy Market. IEEE Transactions on Sustainable Energy, 2019, 10, 396-406.	8.8	166
2	CLU-CNNs: Object detection for medical images. Neurocomputing, 2019, 350, 53-59.	5.9	135
3	Optimal Operation of Multimicrogrids via Cooperative Energy and Reserve Scheduling. IEEE Transactions on Industrial Informatics, 2018, 14, 3459-3468.	11.3	109
4	Multi-Objective Optimal Dispatch of Microgrid Under Uncertainties via Interval Optimization. IEEE Transactions on Smart Grid, 2019, 10, 2046-2058.	9.0	98
5	Real-Time Optimal Energy and Reserve Management of Electric Vehicle Fast Charging Station: Hierarchical Game Approach. IEEE Transactions on Smart Grid, 2018, 9, 5357-5370.	9.0	93
6	Optimal Power System Dispatch With Wind Power Integrated Using Nonlinear Interval Optimization and Evidential Reasoning Approach. IEEE Transactions on Power Systems, 2016, 31, 2246-2254.	6.5	78
7	Novel Method Based on Variational Mode Decomposition and a Random Discriminative Projection Extreme Learning Machine for Multiple Power Quality Disturbance Recognition. IEEE Transactions on Industrial Informatics, 2019, 15, 2915-2926.	11.3	62
8	A Secure Distributed Transactive Energy Management Scheme for Multiple Interconnected Microgrids Considering Misbehaviors. IEEE Transactions on Smart Grid, 2019, 10, 5975-5986.	9.0	61
9	Optimal Integrated Energy System Planning With DG Uncertainty Affine Model and Carbon Emissions Charges. IEEE Transactions on Sustainable Energy, 2022, 13, 905-918.	8.8	58
10	Deep Learning Based Densely Connected Network for Load Forecasting. IEEE Transactions on Power Systems, 2021, 36, 2829-2840.	6.5	57
11	Three-Layer Bayesian Network for Classification of Complex Power Quality Disturbances. IEEE Transactions on Industrial Informatics, 2018, 14, 3997-4006.	11.3	56
12	Multi-Agent Based Optimal Scheduling and Trading for Multi-Microgrids Integrated With Urban Transportation Networks. IEEE Transactions on Power Systems, 2021, 36, 2197-2210.	6.5	56
13	Energy Consumption Scheduling of HVAC Considering Weather Forecast Error Through the Distributionally Robust Approach. IEEE Transactions on Industrial Informatics, 2018, 14, 846-857.	11.3	54
14	Accurate identification of layer number for few-layer WS ₂ and WSe ₂ via spectroscopic study. Nanotechnology, 2018, 29, 124001.	2.6	52
15	Supply Function Game Based Energy Management Between Electric Vehicle Charging Stations and Electricity Distribution System Considering Quality of Service. IEEE Transactions on Industry Applications, 2020, 56, 5932-5943.	4.9	43
16	A Novel Thermal Energy Storage System in Smart Building Based on Phase Change Material. IEEE Transactions on Smart Grid, 2019, 10, 2846-2857.	9.0	40
17	Many-Objective Distribution Network Reconfiguration Via Deep Reinforcement Learning Assisted Optimization Algorithm. IEEE Transactions on Power Delivery, 2022, 37, 2230-2244.	4.3	39
18	Coordinated Scheduling for Improving Uncertain Wind Power Adsorption in Electric Vehiclesâ€™ Wind Integrated Power Systems by Multiobjective Optimization Approach. IEEE Transactions on Industry Applications, 2020, 56, 2238-2250.	4.9	37

#	ARTICLE	IF	CITATIONS
19	Enhanced Moth-flame Optimization Based on Cultural Learning and Gaussian Mutation. <i>Journal of Bionic Engineering</i> , 2018, 15, 751-763.	5.0	34
20	Probabilistic Optimal Power Flow With Correlated Wind Power Uncertainty via Markov Chain Quasi-Monte-Carlo Sampling. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 6058-6069.	11.3	32
21	Distributed Optimal Tie-Line Power Flow Control for Multiple Interconnected AC Microgrids. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 1869-1880.	6.5	29
22	An Interactive Decision-Making Model Based on Energy and Reserve for Electric Vehicles and Power Grid Using Generalized Stackelberg Game. <i>IEEE Transactions on Industry Applications</i> , 2019, 55, 3301-3309.	4.9	28
23	Synchronously improved stretchability and mobility by tuning the molecular weight for intrinsically stretchable transistors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15646-15654.	5.5	26
24	Day-Ahead Coordinated Scheduling of Hydro and Wind Power Generation System Considering Uncertainties. <i>IEEE Transactions on Industry Applications</i> , 2019, 55, 2368-2377.	4.9	24
25	Adjustable Uncertainty Set Constrained Unit Commitment With Operation Risk Reduced Through Demand Response. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 1154-1165.	11.3	24
26	Controlled Gas Molecules Doping of Monolayer MoS ₂ via Atomic-Layer-Deposited Al ₂ O ₃ Films. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27402-27408.	8.0	23
27	Slow Cooling of High-Energy C Excitons Is Limited by Intervalley Transfer in Monolayer MoS ₂ . <i>Laser and Photonics Reviews</i> , 2019, 13, 1800270.	8.7	22
28	Enhancement of Exciton Emission from Multilayer MoS ₂ at High Temperatures: Intervalley Transfer versus Interlayer Decoupling. <i>Small</i> , 2017, 13, 1700157.	10.0	19
29	Paraphoma root rot of alfalfa (<i>Medicago sativa</i>) in Inner Mongolia, China. <i>Plant Pathology</i> , 2020, 69, 231-239.	2.4	18
30	Few-Shot Steel Surface Defect Detection. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-12.	4.7	18
31	Robust and Resilient Distributed Optimal Frequency Control for Microgrids Against Cyber Attacks. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 375-386.	11.3	16
32	Abnormal high-temperature luminescence enhancement observed in monolayer MoS ₂ flakes: thermo-driven transition from negatively charged trions to neutral excitons. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9187-9196.	5.5	15
33	Bayesian Learning-Based Multi-Objective Distribution Power Network Reconfiguration. <i>IEEE Transactions on Smart Grid</i> , 2020, , 1-1.	9.0	14
34	Multi-objective Optimal Operation of Centralized Battery Swap Charging System with Photovoltaic. <i>Journal of Modern Power Systems and Clean Energy</i> , 2022, 10, 149-162.	5.4	14
35	High-temperature driven inter-valley carrier transfer and significant fluorescence enhancement in multilayer WS ₂ . <i>Nanoscale Horizons</i> , 2018, 3, 598-605.	8.0	13
36	Fully Decentralized P2P Energy Trading in Active Distribution Networks With Voltage Regulation. <i>IEEE Transactions on Smart Grid</i> , 2023, 14, 1466-1481.	9.0	13

#	ARTICLE	IF	CITATIONS
37	Flexible Scheduling of Microgrid With Uncertainties Considering Expectation and Robustness. IEEE Transactions on Industry Applications, 2018, 54, 3009-3018.	4.9	12
38	A Fast Optimal Power Flow Algorithm Using Powerball Method. IEEE Transactions on Industrial Informatics, 2020, 16, 6993-7003.	11.3	12
39	Unveiling Bandgap Evolution and Carrier Redistribution in Multilayer WSe ₂ : Enhanced Photon Emission via Heat Engineering. Advanced Optical Materials, 2020, 8, 1901226.	7.3	12
40	Day-ahead risk averse market clearing considering demand response with data-driven load uncertainty representation: A Singapore electricity market study. Energy, 2022, 254, 123923.	8.8	12
41	Distributed Real-Time Multi-Objective Control of a Virtual Power Plant in DC Distribution Systems. IEEE Transactions on Power Delivery, 2022, 37, 1876-1887.	4.3	11
42	Highly Photoluminescent Monolayer MoS ₂ and WS ₂ Achieved via Superacid Assisted Vacancy Reparation and Doping Strategy. Laser and Photonics Reviews, 2021, 15, 2100104.	8.7	11
43	Electricity Theft Detection in Power Consumption Data Based on Adaptive Tuning Recurrent Neural Network. Frontiers in Energy Research, 2021, 9, .	2.3	10
44	A Novel Scheduling Strategy for Controllable Loads With Power-Efficiency Characteristics. IEEE Transactions on Smart Grid, 2020, 11, 2151-2161.	9.0	9
45	A Multi-Criteria Optimal Operation Framework for Renewable Energy Integrated Data Center Microgrid with Waste Heat Recovery. , 2021, , .		8
46	Enhanced Carrier-Exciton Interactions in Monolayer MoS ₂ under Applied Voltages. ACS Applied Materials & Interfaces, 2020, 12, 18870-18876.	8.0	7
47	Coordinated Operation Between Electric Vehicle Charging Stations and Distribution Power Network Considering Shared Energy and Reserve. , 2021, , .		6
48	Proactive Resilient Day-Ahead Unit Commitment With Cloud Computing Data Centers. IEEE Transactions on Industry Applications, 2022, 58, 1675-1684.	4.9	6
49	Collaborative Operation Between Power Network and Hydrogen Fueling Stations With Peer-to-Peer Energy Trading. IEEE Transactions on Transportation Electrification, 2023, 9, 1521-1540.	7.8	5
50	Coupled Multinetwork Constrained Planning of Energy Supplying Facilities for Hybrid Hydrogen-Electric Vehicles. IEEE Transactions on Industry Applications, 2022, 58, 2848-2862.	4.9	4
51	An interactive decision making model based on energy and reserve for electric vehicles and power grid using generalized Stackelberg game. , 2018, , .		3
52	Coordinated Stochastic Scheduling for Improving Wind Power Adsorption in Electric Vehicles-Wind Integrated Power Systems by Multi-objective Optimization Approach. , 2019, , .		3
53	Directed exfoliating and ordered stacking of transition-metal-dichalcogenides. Nanoscale, 2022, 14, 7484-7492.	5.6	2
54	Proactive Resilient Day-ahead Unit Commitment with Cloud Computing Data Centers. , 2021, , .		1

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55	Truthful Double-auction Mechanisms for Peer-to-peer Energy Trading in a Local Market. , 2021, , .		1
56	A Novel Approach for Searching the Upper/Lower Bounds of Uncertainty Parameters in Microgrids. Energies, 2018, 11, 1035.	3.1	0
57	An Enhanced Moth-Flame Optimiser Based on Successive Over Relaxation-Distinguishing Method for Solving Economic Dispatch. , 2021, , .		0