

Yan Xu

List of Publications by Year in descending order

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364
papers

15,657
citations

18482

62
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24258

110
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all docs

365
docs citations

365
times ranked

9680
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-Signal Stability Analysis and Lead-Lag Compensation Control for DC Networked-Microgrid Under Multiple Time Delays. IEEE Transactions on Power Systems, 2023, 38, 921-933.	6.5	5
2	A Stochastic Game Approach for Distributed Voltage Regulation Among Autonomous PV Prosumers. IEEE Transactions on Power Systems, 2022, 37, 776-787.	6.5	7
3	A 3-Dimensional Planning Method for Tidal Current Power Generation Farms Considering Complex Submarine Terrains. IEEE Transactions on Sustainable Energy, 2022, 13, 220-230.	8.8	3
4	A Multi-Data Driven Hybrid Learning Method for Weekly Photovoltaic Power Scenario Forecast. IEEE Transactions on Sustainable Energy, 2022, 13, 91-100.	8.8	30
5	A Hierarchical Approach for Finite-Time High State-of-Charge Observer and Probabilistic Lifetime Prediction of Lithium-Ion Batteries. IEEE Transactions on Energy Conversion, 2022, 37, 718-728.	5.2	12
6	Distributed Weight-Average-Prediction Control and Stability Analysis for an Islanded Microgrid With Communication Time Delay. IEEE Transactions on Power Systems, 2022, 37, 330-342.	6.5	32
7	Robustly Coordinated Generation Dispatch and Load Shedding for Power Systems Against Transient Instability Under Uncertain Wind Power. IEEE Transactions on Power Systems, 2022, 37, 1032-1043.	6.5	9
8	Stochastic security-constrained optimal power flow for a microgrid considering tie-line switching. International Journal of Electrical Power and Energy Systems, 2022, 134, 107357.	5.5	12
9	Frequency Dynamics-Constrained Parameter Design for Fast Frequency Controller of Wind Turbine. IEEE Transactions on Sustainable Energy, 2022, 13, 31-43.	8.8	14
10	Multi-Stage Real-Time Operation of a Multi-Energy Microgrid With Electrical and Thermal Energy Storage Assets: A Data-Driven MPC-ADP Approach. IEEE Transactions on Smart Grid, 2022, 13, 213-226.	9.0	59
11	A steady-state energy flow analysis method for integrated natural gas and power systems based on topology decoupling. Applied Energy, 2022, 306, 118007.	10.1	12
12	A Learning-Based Method for Speed Sensor Fault Diagnosis of Induction Motor Drive Systems. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	3
13	On Dynamic Network Equilibrium of a Coupled Power and Transportation Network. IEEE Transactions on Smart Grid, 2022, 13, 1398-1411.	9.0	28
14	A comprehensive analysis method for levelized cost of energy in tidal current power generation farms. Renewable Energy, 2022, 182, 982-991.	8.9	12
15	Real-time emergency load shedding for power system transient stability control: A risk-averse deep learning method. Applied Energy, 2022, 307, 118221.	10.1	13
16	Guest editorial: Special issue on data-analytics for stability analysis, control, and situational awareness of power system with high-penetration of renewable energy. International Journal of Electrical Power and Energy Systems, 2022, 137, 107773.	5.5	4
17	An Interpretable Deep Learning Method for Power System Transient Stability Assessment via Tree Regularization. IEEE Transactions on Power Systems, 2022, 37, 3359-3369.	6.5	10
18	Multi-Objective Hierarchically-Coordinated Volt/Var Control for Active Distribution Networks With Droop-Controlled PV Inverters. IEEE Transactions on Smart Grid, 2022, 13, 998-1011.	9.0	22

#	ARTICLE	IF	CITATIONS
19	Vulnerability Analysis, Robustness Verification, and Mitigation Strategy for Machine Learning-Based Power System Stability Assessment Model Under Adversarial Examples. IEEE Transactions on Smart Grid, 2022, 13, 1622-1632.	9.0	14
20	A Multiagent Quantum Deep Reinforcement Learning Method for Distributed Frequency Control of Islanded Microgrids. IEEE Transactions on Control of Network Systems, 2022, 9, 1622-1632.	3.7	22
21	A review of scenario analysis methods in planning and operation of modern power systems: Methodologies, applications, and challenges. Electric Power Systems Research, 2022, 205, 107722.	3.6	38
22	Stochastic-Weighted Robust Optimization Based Bilinear Operation of a Multi-Energy Building Microgrid Considering Practical Thermal Loads and Battery Degradation. IEEE Transactions on Sustainable Energy, 2022, 13, 668-682.	8.8	62
23	Three-Stage Hierarchically-Coordinated Voltage/Var Control Based on PV Inverters Considering Distribution Network Voltage Stability. IEEE Transactions on Sustainable Energy, 2022, 13, 868-881.	8.8	24
24	An Integrated Missing-Data Tolerant Model for Probabilistic PV Power Generation Forecasting. IEEE Transactions on Power Systems, 2022, 37, 4447-4459.	6.5	18
25	Robustness Verification for Machine-Learning-Based Power System Dynamic Security Assessment Models Under Adversarial Examples. IEEE Transactions on Control of Network Systems, 2022, 9, 1645-1654.	3.7	13
26	Resilient scheduling of MESSs and RCs for distribution system restoration considering the forced cut-off of wind power. Energy, 2022, 244, 123081.	8.8	14
27	Battery thermal performance oriented all-electric ship microgrid modeling, operation and energy management scheduling. Journal of Energy Storage, 2022, 48, 103970.	8.1	9
28	A Hybrid Data-Driven Method for Fast Solution of Security-Constrained Optimal Power Flow. IEEE Transactions on Power Systems, 2022, 37, 4365-4374.	6.5	17
29	Quantum-Key-Distribution-Based Microgrid Control for Cybersecurity Enhancement. IEEE Transactions on Industry Applications, 2022, 58, 3076-3086.	4.9	9
30	Robustly coordinated operation of a ship microgrid with hybrid propulsion systems and hydrogen fuel cells. Applied Energy, 2022, 312, 118738.	10.1	16
31	Optimal fuzzy logic control of energy storage systems for $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si23.svg"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle V \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mi} \rangle f \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ support in distribution networks considering battery degradation. International Journal of Electrical Power and Energy Systems, 2022, 139, 107867.	5.5	6
32	Damping Characteristic Analysis of Grid-forming PMSG-based WT under Different Reactive Power Oscillation Damping Controls. , 2022, , .		0
33	Missing-Data Tolerant Hybrid Learning Method for Solar Power Forecasting. IEEE Transactions on Sustainable Energy, 2022, 13, 1843-1852.	8.8	5
34	Whole-lifetime Coordinated Service Strategy for Battery Energy Storage System Considering Multi-stage Battery Aging Characteristics. Journal of Modern Power Systems and Clean Energy, 2022, 10, 689-699.	5.4	10
35	A safe reinforcement learning approach for multi-energy management of smart home. Electric Power Systems Research, 2022, 210, 108120.	3.6	10
36	A Safe Policy Learning-Based Method for Decentralized and Economic Frequency Control in Isolated Networked-Microgrid Systems. IEEE Transactions on Sustainable Energy, 2022, 13, 1982-1993.	8.8	14

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37	Coordinated Optimal Voyage Planning and Energy Management of All-Electric Ship With Hybrid Energy Storage System. IEEE Transactions on Power Systems, 2021, 36, 2355-2365.	6.5	59
38	Many-Objective Robust Optimization for Dynamic VAR Planning to Enhance Voltage Stability of a Wind-Energy Power System. IEEE Transactions on Power Delivery, 2021, 36, 30-42.	4.3	23
39	Distributed Resilient Control for Energy Storage Systems in Cyber-Physical Microgrids. IEEE Transactions on Industrial Informatics, 2021, 17, 1331-1341.	11.3	96
40	A Hierarchically Coordinated Operation and Control Scheme for DC Microgrid Clusters Under Uncertainty. IEEE Transactions on Sustainable Energy, 2021, 12, 273-283.	8.8	29
41	Optimal Stochastic Deployment of Heterogeneous Energy Storage in a Residential Multienergy Microgrid With Demand-Side Management. IEEE Transactions on Industrial Informatics, 2021, 17, 991-1004.	11.3	98
42	A Distributed Control Scheme of Microgrids in Energy Internet Paradigm and Its Multisite Implementation. IEEE Transactions on Industrial Informatics, 2021, 17, 1141-1153.	11.3	57
43	An Ensemble Learning-Based Data-Driven Method for Online State-of-Health Estimation of Lithium-Ion Batteries. IEEE Transactions on Transportation Electrification, 2021, 7, 422-436.	7.8	71
44	A MILP-based restoration planning method for generator start-up considering flexible re-energizing times of transmission lines. International Journal of Electrical Power and Energy Systems, 2021, 124, 106357.	5.5	6
45	A Distributed Hierarchical Control Framework in Islanded Microgrids and Its Agent-Based Design for Cyber-Physical Implementations. IEEE Transactions on Industrial Electronics, 2021, 68, 9685-9695.	7.9	26
46	Operational reliability assessment of photovoltaic inverters considering voltage/VAR control function. Electric Power Systems Research, 2021, 190, 106706.	3.6	7
47	An integrated method for critical clearing time prediction based on a model-driven and ensemble cost-sensitive data-driven scheme. International Journal of Electrical Power and Energy Systems, 2021, 125, 106513.	5.5	16
48	Two novel locally ideal three-period unit commitment formulations in power systems. Applied Energy, 2021, 284, 116081.	10.1	6
49	Candidate bus selection for dynamic VAR planning towards voltage stability enhancement considering copula-based correlation of wind and load uncertainties. IET Generation, Transmission and Distribution, 2021, 15, 780-791.	2.5	5
50	A radial-grouping-based planning method for electrical collector systems in tidal current generation farms. Renewable Energy, 2021, 165, 632-641.	8.9	2
51	PV Generation Forecasting With Missing Input Data: A Super-Resolution Perception Approach. IEEE Transactions on Sustainable Energy, 2021, 12, 1493-1496.	8.8	23
52	Cyber-Resilient Cooperative Control of Bidirectional Interlinking Converters in Networked AC/DC Microgrids. IEEE Transactions on Industrial Electronics, 2021, 68, 9707-9718.	7.9	31
53	Data-Driven Game-Based Pricing for Sharing Rooftop Photovoltaic Generation and Energy Storage in the Residential Building Cluster Under Uncertainties. IEEE Transactions on Industrial Informatics, 2021, 17, 4480-4491.	11.3	25
54	A Hybrid Ensemble Model for Interval Prediction of Solar Power Output in Ship Onboard Power Systems. IEEE Transactions on Sustainable Energy, 2021, 12, 14-24.	8.8	47

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55	Robustly Coordinated Bi-Level Energy Management of a Multi-Energy Building Under Multiple Uncertainties. IEEE Transactions on Sustainable Energy, 2021, 12, 3-13.	8.8	58
56	On Control of Energy Storage Systems in Microgrids. Power Systems, 2021, , 289-304.	0.5	1
57	Real-Time Coupling of Geographically Distributed Research Infrastructures: Taxonomy, Overview, and Real-World Smart Grid Applications. IEEE Transactions on Smart Grid, 2021, 12, 1747-1760.	9.0	23
58	Deception Attack Detection of Isolated DC Microgrids Under Consensus- Based Distributed Voltage Control Architecture. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2021, 11, 155-167.	3.6	26
59	Co-optimisation and settlement of power-gas coupled system in day-ahead market under multiple uncertainties. IET Renewable Power Generation, 2021, 15, 1632-1647.	3.1	16
60	Erratum to "A Hierarchically Coordinated Operation and Control Scheme for DC Microgrid Clusters Under Uncertainty" [Jan 21 273-283]. IEEE Transactions on Sustainable Energy, 2021, 12, 1497-1497.	8.8	0
61	Passive compensation clamp on two-stage current transformer for online calibration. IET Science, Measurement and Technology, 2021, 15, 730-737.	1.6	1
62	Understanding Credibility of Adversarial Examples against Smart Grid. , 2021, , .		7
63	Vulnerability Assessment of Deep Reinforcement Learning Models for Power System Topology Optimization. IEEE Transactions on Smart Grid, 2021, 12, 3613-3623.	9.0	23
64	PV Inverter Reliability-Constrained Volt/Var Control of Distribution Networks. IEEE Transactions on Sustainable Energy, 2021, 12, 1788-1800.	8.8	23
65	An Efficient Eigenvalue Tracking Method for Time-Delayed Power Systems Based on Continuation of Invariant Subspaces. IEEE Transactions on Power Systems, 2021, 36, 3176-3188.	6.5	1
66	Distributed layered control and stability analysis of islanded networked-microgrids. International Journal of Electrical Power and Energy Systems, 2021, 129, 106889.	5.5	9
67	Probabilistic Residential Load Forecasting Based on Micrometeorological Data and Customer Consumption Pattern. IEEE Transactions on Power Systems, 2021, 36, 3762-3775.	6.5	36
68	Risk-Averse Coordinated Operation of a Multi-Energy Microgrid Considering Voltage/Var Control and Thermal Flow: An Adaptive Stochastic Approach. IEEE Transactions on Smart Grid, 2021, 12, 3914-3927.	9.0	70
69	Optimization for DFIG Fast Frequency Response With Small-Signal Stability Constraint. IEEE Transactions on Energy Conversion, 2021, 36, 2452-2462.	5.2	13
70	Game-Theoretic Demand Side Management of Thermostatically Controlled Loads for Smoothing Tie-Line Power of Microgrids. IEEE Transactions on Power Systems, 2021, 36, 4089-4101.	6.5	33
71	An Integrated Transfer Learning Method for Power System Dynamic Security Assessment of Unlearned Faults With Missing Data. IEEE Transactions on Power Systems, 2021, 36, 4856-4859.	6.5	18
72	Augmented Convolutional Network for Wind Power Prediction: A New Recurrent Architecture Design With Spatial-Temporal Image Inputs. IEEE Transactions on Industrial Informatics, 2021, 17, 6981-6993.	11.3	31

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73	Rule-based health-aware power sharing for a multi-unit battery energy storage system. International Journal of Electrical Power and Energy Systems, 2021, 132, 107208.	5.5	3
74	A Transferrable Data-Driven Method for IGBT Open-Circuit Fault Diagnosis in Three-Phase Inverters. IEEE Transactions on Power Electronics, 2021, 36, 13478-13488.	7.9	37
75	Multiagent Distributed Power Management of DC Shipboard Power Systems for Optimal Fuel Efficiency. IEEE Transactions on Transportation Electrification, 2021, 7, 3050-3061.	7.8	14
76	A Hierarchical Data-Driven Method for Event-Based Load Shedding Against Fault-Induced Delayed Voltage Recovery in Power Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 699-709.	11.3	43
77	Coordinated Optimal Energy Management and Voyage Scheduling for All-Electric Ships Based on Predicted Shore-Side Electricity Price. IEEE Transactions on Industry Applications, 2021, 57, 139-148.	4.9	42
78	Robustly coordinated operational scheduling of a grid-connected seaport microgrid under uncertainties. IET Generation, Transmission and Distribution, 2021, 15, 347-358.	2.5	15
79	Unified Real Power Sharing of Generator and Storage in Islanded Microgrid via Distributed Dynamic Event-Triggered Control. IEEE Transactions on Power Systems, 2021, 36, 1713-1724.	6.5	21
80	A Risk-Averse Adaptively Stochastic Optimization Method for Multi-Energy Ship Operation Under Diverse Uncertainties. IEEE Transactions on Power Systems, 2021, 36, 2149-2161.	6.5	43
81	Investigation into the Output Force Characteristics of an Electric Actuator Based on Sodium Alginate and Polyvinyl Alcohol. Industrial & Engineering Chemistry Research, 2021, 60, 15566-15574.	3.7	4
82	Quantum-Key-Distribution Based Microgrid Control for Cybersecurity Enhancement. , 2021, , .		2
83	A Multi-Agent Deep Reinforcement Learning Based Multi-Timescale Voltage Control For Distribution System. , 2021, , .		1
84	A dual objective approach for aggregator managed demand side management (DSM) in cloud based cyber physical smart distribution system. Future Generation Computer Systems, 2020, 105, 843-854.	7.5	6
85	A Distributed Control Scheme of Thermostatically Controlled Loads for the Building-Microgrid Community. IEEE Transactions on Sustainable Energy, 2020, 11, 350-360.	8.8	62
86	Multitimescale Coordinated Adaptive Robust Operation for Industrial Multienergy Microgrids With Load Allocation. IEEE Transactions on Industrial Informatics, 2020, 16, 3051-3063.	11.3	44
87	Robustly Coordinated Operation of a Multi-Energy Micro-Grid in Grid-Connected and Islanded Modes Under Uncertainties. IEEE Transactions on Sustainable Energy, 2020, 11, 640-651.	8.8	80
88	A Hybrid Randomized Learning System for Temporal-Adaptive Voltage Stability Assessment of Power Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 3672-3684.	11.3	41
89	Non-Network Solution Coordinated Voltage Stability Enhancement With STATCOM and UVLS for Wind-Penetrated Power System. IEEE Transactions on Sustainable Energy, 2020, 11, 1559-1568.	8.8	7
90	Two-tier demand response with flexible demand swap and transactive control for real-time congestion management in distribution networks. International Journal of Electrical Power and Energy Systems, 2020, 114, 105399.	5.5	27

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91	Phase Reshaping via All-Pass Filters for Robust LCL-Filter Active Damping. IEEE Transactions on Power Electronics, 2020, 35, 3114-3126.	7.9	36
92	A Distributed Dual Consensus ADMM Based on Partition for DC-DOPF With Carbon Emission Trading. IEEE Transactions on Industrial Informatics, 2020, 16, 1858-1872.	11.3	64
93	A Virtual Filter Approach for Wind Energy Conversion Systems for Mitigating Power System Frequency Fluctuations. IEEE Transactions on Sustainable Energy, 2020, 11, 1268-1277.	8.8	16
94	A Hierarchical Method for Robust SCUC of Multi-Area Power Systems With Novel Uncertainty Sets. IEEE Transactions on Power Systems, 2020, 35, 1364-1375.	6.5	20
95	Multi-objective robust energy management for all-electric shipboard microgrid under uncertain wind and wave. International Journal of Electrical Power and Energy Systems, 2020, 117, 105600.	5.5	27
96	A Data-Driven Method for IGBT Open-Circuit Fault Diagnosis Based on Hybrid Ensemble Learning and Sliding-Window Classification. IEEE Transactions on Industrial Informatics, 2020, 16, 5223-5233.	11.3	51
97	A Robust Droop-Based Autonomous Controller for Decentralized Power Sharing in DC Microgrid Considering Large-Signal Stability. IEEE Transactions on Industrial Informatics, 2020, 16, 1483-1494.	11.3	33
98	Transfer Learning-Based Power System Online Dynamic Security Assessment: Using One Model to Assess Many Unlearned Faults. IEEE Transactions on Power Systems, 2020, 35, 821-824.	6.5	55
99	A Distributed and Robust Energy Management System for Networked Hybrid AC/DC Microgrids. IEEE Transactions on Smart Grid, 2020, 11, 3496-3508.	9.0	55
100	Construction of decision tree based on C4.5 algorithm for online voltage stability assessment. International Journal of Electrical Power and Energy Systems, 2020, 118, 105793.	5.5	57
101	Probabilistic voltage quality evaluation of islanded droop-regulated microgrid based on non-intrusive low rank approximation method. International Journal of Electrical Power and Energy Systems, 2020, 117, 105630.	5.5	9
102	Distributed Adaptive Robust Voltage/VAR Control With Network Partition in Active Distribution Networks. IEEE Transactions on Smart Grid, 2020, 11, 2245-2256.	9.0	95
103	Toward Future Green Maritime Transportation: An Overview of Seaport Microgrids and All-Electric Ships. IEEE Transactions on Vehicular Technology, 2020, 69, 207-219.	6.3	155
104	Consensus-Based Control of Hybrid Energy Storage System With a Cascaded Multiport Converter in DC Microgrids. IEEE Transactions on Sustainable Energy, 2020, 11, 2356-2366.	8.8	36
105	Cause, Classification of Voltage Sag, and Voltage Sag Emulators and Applications: A Comprehensive Overview. IEEE Access, 2020, 8, 1922-1934.	4.2	62
106	Coordinated VAR Planning for Voltage Stability Enhancement of a Wind-Energy Power System Considering Multiple Resilience Indices. IEEE Transactions on Sustainable Energy, 2020, 11, 2367-2379.	8.8	21
107	Multiobjective Coordinated Energy Dispatch and Voyage Scheduling for a Multienergy Ship Microgrid. IEEE Transactions on Industry Applications, 2020, 56, 989-999.	4.9	66
108	Data-Driven Robust Coordination of Generation and Demand-Side in Photovoltaic Integrated All-Electric Ship Microgrids. IEEE Transactions on Power Systems, 2020, 35, 1783-1795.	6.5	62

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109	Trajectory sensitivity based preventive transient stability control of power systems against wind power variation. International Journal of Electrical Power and Energy Systems, 2020, 117, 105713.	5.5	9
110	A hybrid data-driven method for fast approximation of practical dynamic security region boundary of power systems. International Journal of Electrical Power and Energy Systems, 2020, 117, 105658.	5.5	12
111	Optimal Whole-Life-Cycle Planning of Battery Energy Storage for Multi-Functional Services in Power Systems. IEEE Transactions on Sustainable Energy, 2020, 11, 2077-2086.	8.8	73
112	Two-Level Distributed Volt/Var Control Using Aggregated PV Inverters in Distribution Networks. IEEE Transactions on Power Delivery, 2020, 35, 1844-1855.	4.3	61
113	Inverter-Based Voltage Control of Distribution Networks: A Three-Level Coordinated Method and Power Hardware-in-the-Loop Validation. IEEE Transactions on Sustainable Energy, 2020, 11, 2380-2391.	8.8	59
114	Coordinated Chance-constrained Optimization of Multi-energy Microgrid System for Balancing Operation Efficiency and Quality-of-service. Journal of Modern Power Systems and Clean Energy, 2020, 8, 853-862.	5.4	12
115	Robust Operation of Shipboard Microgrids With Multiple-Battery Energy Storage System Under Navigation Uncertainties. IEEE Transactions on Vehicular Technology, 2020, 69, 10531-10544.	6.3	21
116	Joint Energy Management and Voyage Scheduling for All-Electric Ships Using Dynamic Real-Time Electricity Price of Onshore Power. , 2020, , .		2
117	State-of-Health Estimation and Remaining-Useful-Life Prediction for Lithium-Ion Battery Using a Hybrid Data-Driven Method. IEEE Transactions on Vehicular Technology, 2020, 69, 10854-10867.	6.3	169
118	Global solution method for decentralised multi-area SCUC and savings allocation based on MILP value functions. IET Generation, Transmission and Distribution, 2020, 14, 3230-3240.	2.5	4
119	A Joint Photovoltaic-Dependent Navigation Routing and Energy Storage System Sizing Scheme for More Efficient All-Electric Ships. IEEE Transactions on Transportation Electrification, 2020, 6, 1279-1289.	7.8	29
120	A Cyber-Resilience Enhancement Method for Network Controlled Microgrid against Denial of Service Attack. , 2020, , .		3
121	A Hierarchical and Flexible Data-Driven Method for Online State-of-Health Estimation of Li-Ion Battery. IEEE Transactions on Vehicular Technology, 2020, 69, 14739-14748.	6.3	40
122	Multi-stage coordinated dynamic VAR source placement for voltage stability enhancement of wind-energy power system. IET Generation, Transmission and Distribution, 2020, 14, 1104-1113.	2.5	5
123	Real-Time Optimal Power Flow: A Lagrangian Based Deep Reinforcement Learning Approach. IEEE Transactions on Power Systems, 2020, 35, 3270-3273.	6.5	77
124	A Two-Stage Game-Theoretic Method for Residential PV Panels Planning Considering Energy Sharing Mechanism. IEEE Transactions on Power Systems, 2020, 35, 3562-3573.	6.5	44
125	A Hybrid Prediction Model for Damage Warning of Power Transmission Line Under Typhoon Disaster. IEEE Access, 2020, 8, 85038-85050.	4.2	18
126	Zoning-based candidate bus selection for dynamic VAR planning in power system towards voltage resilience. IET Generation, Transmission and Distribution, 2020, 14, 1012-1020.	2.5	2

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127	Data-Driven Online Health Estimation of Li-Ion Batteries Using A Novel Energy-Based Health Indicator. IEEE Transactions on Energy Conversion, 2020, 35, 1715-1718.	5.2	61
128	A Multi-Agent Deep Reinforcement Learning Method for Cooperative Load Frequency Control of a Multi-Area Power System. IEEE Transactions on Power Systems, 2020, 35, 4599-4608.	6.5	159
129	A Linear Integer Programming Model for Fault Diagnosis in Active Distribution Systems With Bi-Directional Fault Monitoring Devices Installed. IEEE Access, 2020, 8, 106452-106463.	4.2	6
130	Peer-to-Peer Control for Networked Microgrids: Multi-Layer and Multi-Agent Architecture Design. IEEE Transactions on Smart Grid, 2020, 11, 4688-4699.	9.0	58
131	Multi-Objective Adaptive Robust Voltage/VAR Control for High-PV Penetrated Distribution Networks. IEEE Transactions on Smart Grid, 2020, 11, 5288-5300.	9.0	51
132	ADMM-based market clearing and optimal flexibility bidding of distribution-level flexibility market for day-ahead congestion management of distribution networks. International Journal of Electrical Power and Energy Systems, 2020, 123, 106266.	5.5	31
133	A Multi-Agent Reinforcement Learning-Based Data-Driven Method for Home Energy Management. IEEE Transactions on Smart Grid, 2020, 11, 3201-3211.	9.0	212
134	Hierarchical service restoration scheme for active distribution networks based on ADMM. International Journal of Electrical Power and Energy Systems, 2020, 118, 105809.	5.5	14
135	Distributed control of heterogeneous energy storage systems in islanded microgrids: Finite-time approach and cyber-physical implementation. International Journal of Electrical Power and Energy Systems, 2020, 119, 105898.	5.5	18
136	Multi-objective economic dispatch of a microgrid considering electric vehicle and transferable load. Applied Energy, 2020, 262, 114489.	10.1	97
137	Robust Coordination of a Hybrid AC/DC Multi-Energy Ship Microgrid With Flexible Voyage and Thermal Loads. IEEE Transactions on Smart Grid, 2020, 11, 2782-2793.	9.0	91
138	Structure-Preservation Model Aggregation for Two-Stage Inverters Based Large-Scale Photovoltaic System. IEEE Access, 2020, 8, 1824-1839.	4.2	10
139	Guest Editorial Theory and Application of PMUs in Power Distribution Systems. IEEE Transactions on Smart Grid, 2020, 11, 723-725.	9.0	2
140	Hierarchically-Coordinated Voltage/VAR Control of Distribution Networks Using PV Inverters. IEEE Transactions on Smart Grid, 2020, 11, 2942-2953.	9.0	103
141	Preventive-Corrective Coordinated Transient Stability Dispatch of Power Systems With Uncertain Wind Power. IEEE Transactions on Power Systems, 2020, 35, 3616-3626.	6.5	40
142	Research on Ag-IPMC force electric model and force output characteristics. Ionics, 2020, 26, 4153-4162.	2.4	6
143	Distributed finite-time control of aggregated energy storage systems for frequency regulation in multiarea microgrids. , 2020, , 149-176.		2
144	Multi-objective coordinated dispatch of high wind-penetrated power systems against transient instability. IET Generation, Transmission and Distribution, 2020, 14, 4079-4088.	2.5	2

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145	Incremental broad learning for real-time updating of data-driven power system dynamic security assessment models. IET Generation, Transmission and Distribution, 2020, 14, 4052-4059.	2.5	6
146	Randomised learning-based hybrid ensemble model for probabilistic forecasting of PV power generation. IET Generation, Transmission and Distribution, 2020, 14, 5909-5917.	2.5	23
147	Deep reinforcement learning-based optimal data-driven control of battery energy storage for power system frequency support. IET Generation, Transmission and Distribution, 2020, 14, 6071-6078.	2.5	11
148	Current sensor fault diagnosis and fault-tolerant control for single-phase PWM rectifier based on a hybrid model-based and data-driven method. IET Power Electronics, 2020, 13, 4150-4157.	2.1	16
149	An Online Data-Driven Method for Simultaneous Diagnosis of IGBT and Current Sensor Fault of Three-Phase PWM Inverter in Induction Motor Drives. IEEE Transactions on Power Electronics, 2020, 35, 13281-13294.	7.9	83
150	Communication Time-Delay Stability Margin Analysis of the Islanded Microgrid under Distributed Secondary Control. , 2020, , .		3
151	Impact Analysis of Intra-Interval Variation on Dynamic Security Assessment of Wind-Energy Power Systems. , 2020, , .		0
152	Fuzzy-logic based Adaptive Control of Distributed Energy Storage Systems for Simultaneous V/f Regulation. , 2020, , .		1
153	Data-driven robust planning of electric vehicle charging infrastructure for urban residential car parks. IET Generation, Transmission and Distribution, 2020, 14, 6545-6554.	2.5	7
154	Rule-based operation task-aware energy management for ship power systems. IET Generation, Transmission and Distribution, 2020, 14, 6348-6358.	2.5	12
155	Multi-objective robust tuning of STATCOM controller parameters for stability enhancement of stochastic wind-penetrated power systems. IET Generation, Transmission and Distribution, 2020, 14, 4805-4814.	2.5	5
156	Multi-stage coordinated operation of a multi-energy microgrid with residential demand response under diverse uncertainties. Energy Conversion and Economics, 2020, 1, 20-33.	3.2	27
157	Coordinated Multi-energy Dispatch of Ship Microgrid with Reefer System. , 2020, , .		3
158	A Distributed Control in Islanded DC Microgrid based on Multi-Agent Deep Reinforcement Learning. , 2020, , .		8
159	Condition-based Optimal Maintenance and Energy Management of All-electric Ships. , 2020, , .		2
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