

Zhao Yang Dong

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

235
papers

8,454
citations

48
h-index

83
g-index

248
ext. papers

11,703
ext. citations

7.1
avg. IF

7.14
L-index

#	Paper	IF	Citations
235	A Systematic Review on Technologies and Applications in Smart Campus: A Human-Centered Case Study. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
234	A Two-Level Energy Management Strategy for Multi-Microgrid Systems With Interval Prediction and Reinforcement Learning. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-12	3.9	6
233	Energy management of Internet data centers in multiple local energy markets. <i>Electric Power Systems Research</i> , 2022 , 205, 107760	3.5	
232	Interpretable Memristive LSTM Network Design for Probabilistic Residential Load Forecasting. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-14	3.9	2
231	Transactive Energy Sharing in A Microgrid via An Enhanced Distributed Adaptive Robust Optimization Approach. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	2
230	Optimal operation of integrated energy system including power thermal and gas subsystems. <i>Frontiers in Energy</i> , 2022 , 16, 105-120	2.6	1
229	Three-Stage Hierarchically-Coordinated Volt-age/Var Control based on PV Inverters Considering Network Voltage Stability. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 1-1	8.2	1
228	Planning of Hydrogen Refueling Stations in Urban Setting While Considering Hydrogen Redistribution. <i>IEEE Transactions on Industry Applications</i> , 2021 , 1-1	4.3	3
227	Real-time emergency load shedding for power system transient stability control: A risk-averse deep learning method. <i>Applied Energy</i> , 2021 , 118221	10.7	0
226	Multi-Objective Hierarchically-Coordinated Volt/Var Control for Active Distribution Networks with Droop-Controlled PV Inverters. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	3
225	Distributionally Robust Framework and Its Approximations Based on Vector and Region Split for Self-scheduling of Generation Companies. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	
224	Online Characterization and Detection of False Data Injection Attacks in Wide-Area Monitoring Systems. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	1
223	A Privacy Preserving Distributed Optimization Algorithm for Economic Dispatch Over Time-Varying Directed Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1689-1701	11.9	18
222	Planning of electric vehicle charging stations and distribution system with highly renewable penetrations. <i>IET Electrical Systems in Transportation</i> , 2021 , 11, 256-268	2.1	4
221	Online Sequential Extreme Learning Machine Algorithm for Better Predispach Electricity Price Forecasting Grids. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 1860-1871	4.3	4
220	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2123-2133	7.3	8
219	Temporary immutability: A removable blockchain solution for prosumer-side energy trading. <i>Journal of Network and Computer Applications</i> , 2021 , 180, 103018	7.9	5

218	. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 2508-2517	10.7	5
217	Scheduling controller for microgrids energy management system using optimization algorithm in achieving cost saving and emission reduction. <i>Applied Energy</i> , 2021 , 292, 116883	10.7	24
216	Energy sharing platform based on call auction method with the maximum transaction volume. <i>Energy</i> , 2021 , 225, 120237	7.9	2
215	PV Inverter Reliability-Constrained Volt/Var Control of Distribution Networks. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1788-1800	8.2	4
214	Bargaining Game-Based Profit Allocation of Virtual Power Plant in Frequency Regulation Market Considering Battery Cycle Life. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 2913-2928	10.7	18
213	Data-Driven Planning of Electric Vehicle Charging Infrastructure: A Case Study of Sydney, Australia. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 3289-3304	10.7	26
212	Efficient Robust Scheduling of Integrated Electricity and Heat Systems: A Direct Constraint Tightening Approach. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 3016-3029	10.7	3
211	Many-Objective Robust Optimization for Dynamic VAR Planning to Enhance Voltage Stability of a Wind-Energy Power System. <i>IEEE Transactions on Power Delivery</i> , 2021 , 36, 30-42	4.3	8
210	Personalized Residential Energy Usage Recommendation System Based on Load Monitoring and Collaborative Filtering. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1253-1262	11.9	5
209	Distributed Constrained Optimization Over Unbalanced Directed Networks Using Asynchronous Broadcast-Based Algorithm. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1102-1115	5.9	11
208	A Universally Composable Key Exchange Protocol for Advanced Metering Infrastructure in the Energy Internet. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 534-546	11.9	6
207	Adaptive Droop Control of Multi-Terminal HVDC Network for Frequency Regulation and Power Sharing. <i>IEEE Transactions on Power Systems</i> , 2021 , 36, 566-578	7	13
206	Nested Formation Approach for Networked Microgrid Self-Healing in Islanded Mode. <i>IEEE Transactions on Power Delivery</i> , 2021 , 36, 452-464	4.3	19
205	. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 578-586	8.2	4
204	Operational reliability assessment of photovoltaic inverters considering voltage/VAR control function. <i>Electric Power Systems Research</i> , 2021 , 190, 106706	3.5	4
203	Multi-timescale coordinated operation of a CHP plant-wind farm portfolio considering multiple uncertainties. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 125, 106428	5.1	9
202	A new trading mechanism for prosumers based on flexible reliability preferences in active distribution network. <i>Applied Energy</i> , 2021 , 283, 116272	10.7	2
201	Deep Concatenated Residual Network With Bidirectional LSTM for One-Hour-Ahead Wind Power Forecasting. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1321-1335	8.2	18

200	Quantifying Cyber Attacks on Industrial MMC-HVDC Control System Using Structured Pseudospectrum. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 4915-4920	7.2	7
199	Optimal Restoration of an Unbalanced Distribution System Into Multiple Microgrids Considering Three-Phase Demand-Side Management. <i>IEEE Transactions on Power Systems</i> , 2021 , 36, 1350-1361	7	11
198	Collector System Topology Design for Offshore Wind Farm Repowering and Expansion. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 847-859	8.2	8
197	. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 874-885	8.2	16
196	Load Balancing in Low-Voltage Distribution Network via Phase Reconfiguration: An Efficient Sensitivity-Based Approach. <i>IEEE Transactions on Power Delivery</i> , 2021 , 36, 2174-2185	4.3	6
195	A Finite-Time Distributed Optimization Algorithm for Economic Dispatch in Smart Grids. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2068-2079	7.3	10
194	Load forecasting in the short-term scheduling of DERs 2021 , 389-417		
193	Resilient Distributed Multiagent Control for AC Microgrid Networks Subject to Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	12
192	Interdisciplinary Vision of the Digitalized Future Energy Systems. <i>IEEE Open Access Journal of Power and Energy</i> , 2021 , 1-1	3.8	2
191	Intelligent Controllers and Optimization Algorithms for Building Energy Management Towards Achieving Sustainable Development: Challenges and Prospects. <i>IEEE Access</i> , 2021 , 9, 41577-41602	3.5	10
190	Parametric Distribution Optimal Power Flow With Variable Renewable Generation. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	0
189	Assessment and Enhancement of Static Voltage Stability With Inverter-Based Generators. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	2
188	A Novel High-performance Deep Learning Framework for Load Recognition: Deep-shallow Model based on Fast Backpropagation. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	0
187	Sequential and Comprehensive BESSs Placement in Unbalanced Active Distribution Networks Considering the Impacts of BESS Dual Attributes on Sensitivity. <i>IEEE Transactions on Power Systems</i> , 2021 , 36, 3453-3464	7	3
186	Benefits of Home Energy Storage Utilization: An Australian Case Study of Demand Charge Practices in Residential Sector. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 3086-3096	10.7	6
185	A Feasibility Pump Based Solution Algorithm for Two-Stage Robust Optimization With Integer Recourses of Energy Storage Systems. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1834-1837	8.2	7
184	Household power usage pattern filtering-based residential electricity plan recommender system. <i>Applied Energy</i> , 2021 , 298, 117191	10.7	2
183	An Integrated Transfer Learning Method for Power System Dynamic Security Assessment of Unlearned Faults With Missing Data. <i>IEEE Transactions on Power Systems</i> , 2021 , 36, 4856-4859	7	2

182	Data-Driven Distributionally Robust Hierarchical Coordination for Home Energy Management. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 4090-4101	10.7	7
181	Toward the Prediction Level of Situation Awareness for Electric Power Systems Using CNN-LSTM Network. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6951-6961	11.9	6
180	Wind Farm Level Coordination for Optimal Inertial Control With a Second-Order Cone Predictive Model. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 2353-2366	8.2	1
179	A Two-Layer Hybrid Optimization Approach for Large-Scale Offshore Wind Farm Collector System Planning. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7433-7444	11.9	3
178	Impact of renewable energy utilization and artificial intelligence in achieving sustainable development goals. <i>Energy Reports</i> , 2021 , 7, 5359-5373	4.6	12
177	Robust Regional Coordination of Inverter-Based Volt/Var Control via Multi-Agent Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	6
176	Hybrid Interval-Robust Adaptive Battery Energy Storage System Dispatch with SoC Interval Management for Unbalanced Microgrids. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 1-1	8.2	5
175	Hybrid approaches based on deep whole-sky-image learning to photovoltaic generation forecasting. <i>Applied Energy</i> , 2020 , 280, 115875	10.7	22
174	Unbalance Mitigation via Phase-Switching Device and Static Var Compensator in Low-Voltage Distribution Network. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 4856-4869	7	7
173	Hierarchical energy management scheme for residential communities under grid outage event. <i>IET Smart Grid</i> , 2020 , 3, 174-181	2.7	1
172	Optimal Wind-Solar Capacity Allocation With Coordination of Dynamic Regulation of Hydropower and Energy Intensive Controllable Load. <i>IEEE Access</i> , 2020 , 8, 110129-110139	3.5	15
171	An Analytical Method for Generation Unit Aggregation in Virtual Power Plants. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 5466-5469	10.7	5
170	A Penalty Scheme for Mitigating Uninstructed Deviation of Generation Outputs From Variable Renewables in a Distribution Market. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 4056-4069	10.7	9
169	Hydraulic-Thermal Cooperative Optimization of Integrated Energy Systems: A Convex Optimization Approach. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 4818-4832	10.7	14
168	Mobile Emergency Generator Planning in Resilient Distribution Systems: A Three-Stage Stochastic Model With Nonanticipativity Constraints. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 4847-4859	10.7	15
167	Interval Optimization Based Coordination of Demand Response and Battery Energy Storage System Considering SOC Management in a Microgrid. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 2922-2931	8.2	35
166	Multi-Objective Adaptive Robust Voltage/VAR Control for High-PV Penetrated Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 5288-5300	10.7	16
165	Energy sharing strategy based on call auction trading: Energy bank system. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 123, 106320	5.1	5

164	A Fixed-Point Based Distributed Method for Energy Flow Calculation in Multi-Energy Systems. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 2567-2580	8.2	7
163	Cooperative Wind Farm Control With Deep Reinforcement Learning and Knowledge-Assisted Learning. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6912-6921	11.9	35
162	Multi-Agent-Based Voltage Regulation Scheme for High Photovoltaic Penetrated Active Distribution Networks Using Battery Energy Storage Systems. <i>IEEE Access</i> , 2020 , 8, 7323-7333	3.5	9
161	Dispatch strategy of energy bank system with hybrid energy storage for multiple microgrids 2020 , 243-262		
160	Modeling of distributed generators and converters control for power flow analysis of networked islanded hybrid microgrids. <i>Electric Power Systems Research</i> , 2020 , 184, 106343	3.5	5
159	Smart campus: definition, framework, technologies, and services. <i>IET Smart Cities</i> , 2020 , 2, 43-54	3.8	32
158	Vulnerabilities, Threats, and Impacts of False Data Injection Attacks in Smart Grids: An Overview 2020 ,		2
157	Low-Carbon Electricity Network Transition Considering Retirement of Aging Coal Generators. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 4193-4205	7	7
156	Key index framework for quantitative sustainability assessment of energy infrastructures in a smart city: An example of Western Sydney. <i>Energy Conversion and Economics</i> , 2020 , 1, 221-237	0.7	1
155	Self-stabilising speed regulating differential mechanism for continuously variable speed wind power generation system. <i>IET Renewable Power Generation</i> , 2020 , 14, 3002-3009	2.9	2
154	Affinely adjustable robust energy management system for smart homes. <i>IET Renewable Power Generation</i> , 2020 , 14, 2955-2965	2.9	2
153	Hybrid randomised learning-based probabilistic data-driven method for fault-induced delayed voltage recovery assessment of power systems. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 5899-5908	2.5	
152	Optimal placement of phase-reconfiguration devices in low-voltage distribution network with residential PV generation. <i>IET Renewable Power Generation</i> , 2020 , 14, 3752-3761	2.9	1
151	Multi-objective coordinated dispatch of high wind-penetrated power systems against transient instability. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 4079-4088	2.5	2
150	Co-optimisation model for the long-term design and decision making in community level cloud energy storage system. <i>IET Renewable Power Generation</i> , 2020 , 14, 3518-3525	2.9	2
149	Reliability Evaluation for Integrated Power-Gas Systems With Power-to-Gas and Gas Storages. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 571-583	7	52
148	A Distributed Dual Consensus ADMM Based on Partition for DC-DOPF With Carbon Emission Trading. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1858-1872	11.9	29
147	Distributed Robust Algorithm for Economic Dispatch in Smart Grids Over General Unbalanced Directed Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4322-4332	11.9	28

146	Expansion Planning of Active Distribution Networks With Multiple Distributed Energy Resources and EV Sharing System. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 602-611	10.7	18
145	A Survey on the Detection Algorithms for False Data Injection Attacks in Smart Grids. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2218-2234	10.7	143
144	A Composite Anomaly Detection System for Data-Driven Power Plant Condition Monitoring. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4390-4402	11.9	9
143	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4567-4579	11.9	12
142	Sliding Framework for Inverter-Based Microgrid Control. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 1657-1660	7	3
141	Distributed Adaptive Robust Voltage/VAR Control With Network Partition in Active Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2245-2256	10.7	39
140	Stochastic scheduling of an electric vessel-based energy management system in pelagic clustering islands. <i>Applied Energy</i> , 2020 , 259, 114155	10.7	6
139	. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 2245-2255	7	4
138	. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 2374-2387	7	34
137	. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 2077-2086	8.2	31
136	Integrated distribution expansion planning considering stochastic renewable energy resources and electric vehicles. <i>Applied Energy</i> , 2020 , 278, 115720	10.7	14
135	Improving Hosting Capacity of Unbalanced Distribution Networks via Robust Allocation of Battery Energy Storage Systems. <i>IEEE Transactions on Power Systems</i> , 2020 , 1-1	7	14
134	Electricity plan recommender system with electrical instruction-based recovery. <i>Energy</i> , 2020 , 203, 117775	7.5	6
133	Sequential Disaster Recovery Model for Distribution Systems With Co-Optimization of Maintenance and Restoration Crew Dispatch. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 4700-4713	10.7	19
132	Per-use-share rental strategy of distributed BESS in joint energy and frequency control ancillary services markets. <i>Applied Energy</i> , 2020 , 277, 115589	10.7	5
131	Role of optimization algorithms based fuzzy controller in achieving induction motor performance enhancement. <i>Nature Communications</i> , 2020 , 11, 3792	17.4	11
130	Capacity and energy sharing platform with hybrid energy storage system: An example of hospitality industry. <i>Applied Energy</i> , 2020 , 280, 115897	10.7	12
129	. <i>IEEE Access</i> , 2020 , 8, 142159-142172	3.5	3

128	Sensitivity Analysis of Renewable Energy Integration on Stochastic Energy Management of Automated Reconfigurable Hybrid ACDC Microgrid Considering DLR Security Constraint. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 120-131	11.9	37
127	A Practical Solution for Non-Intrusive Type II Load Monitoring Based on Deep Learning and Post-Processing. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 148-160	10.7	50
126	Multitimescale Coordinated Adaptive Robust Operation for Industrial Multienergy Microgrids With Load Allocation. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3051-3063	11.9	26
125	Robustly Coordinated Operation of a Multi-Energy Micro-Grid in Grid-Connected and Islanded Modes Under Uncertainties. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 640-651	8.2	46
124	HES Sizing Methodology for an Existing Thermal Generator for the Promotion of AGC Response Ability. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 608-617	8.2	6
123	A Hybrid Randomized Learning System for Temporal-Adaptive Voltage Stability Assessment of Power Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3672-3684	11.9	20
122	A Decentralized Distribution Market Mechanism Considering Renewable Generation Units With Zero Marginal Costs. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1724-1736	10.7	7
121	Non-Network Solution Coordinated Voltage Stability Enhancement With STATCOM and UVLS for Wind-Penetrated Power System. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 1559-1568	8.2	4
120	Collector System Topology for Large-Scale Offshore Wind Farms Considering Cross-Substation Incorporation. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 1601-1611	8.2	5
119	Nonlinear SSR Damping Controller for DFIG Based Wind Generators Interfaced to Series Compensated Transmission Systems. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 1156-1165	7	13
118	Optimal Home Energy Management System With Demand Charge Tariff and Appliance Operational Dependencies. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 4-14	10.7	48
117	Bayesian Hybrid Collaborative Filtering-Based Residential Electricity Plan Recommender System. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4731-4741	11.9	10
116	Coordinated residential energy resource scheduling with human thermal comfort modelling and renewable uncertainties. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 1768-1776	2.5	9
115	A Statistical Risk Assessment Framework for Distribution Network Resilience. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 4773-4783	7	23
114	Offshore Transmission Network Planning for Wind Integration Considering AC and DC Transmission Options. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 4258-4268	7	7
113	Power Big Data: New Assets of Electric Power Utilities. <i>Journal of Energy Engineering - ASCE</i> , 2019 , 145, 04019009	1.7	5
112	Joint planning of active distribution networks considering renewable power uncertainty. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 110, 696-704	5.1	21
111	Active Power Control of Wind Turbine Generators via Coordinated Rotor Speed and Pitch Angle Regulation. <i>IEEE Transactions on Sustainable Energy</i> , 2019 , 10, 822-832	8.2	42

110	. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 1704-1712	10.7	53
109	Voltage regulation-oriented co-planning of distributed generation and battery storage in active distribution networks. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 105, 79-88	5.1	34
108	Data-Driven Dynamic Security Assessment and Control of Power Systems: An Online Sequential Learning Method. <i>Journal of Energy Engineering - ASCE</i> , 2019 , 145, 04019019	1.7	7
107	Cooperation-Based Distributed Economic MPC for Economic Load Dispatch and Load Frequency Control of Interconnected Power Systems. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 3964-3966	7	28
106	Rolling horizon based multi-objective robust voltage/VAR regulation with conservation voltage reduction in high PV-penetrated distribution networks. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 1621-1629	2.5	13
105	. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 7071-7081	4.3	23
104	Online power system dynamic security assessment with incomplete PMU measurements: a robust white-box model. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 662-668	2.5	6
103	Guide Subspace Learning for Unsupervised Domain Adaptation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 ,	10.3	33
102	Optimal Dispatch of Coupled Electricity and Heat System With Independent Thermal Energy Storage. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 3250-3263	7	23
101	Energy Storage Strategy in a Non-Agent Energy Trading Platform: Energy Bank System 2019 ,		2
100	Improving Hosting Capacity of Unbalanced Distribution Networks via Battery Energy Storage Systems 2019 ,		2
99	Mixed-integer second-order cone programming framework for optimal scheduling of microgrids considering power flow constraints. <i>IET Renewable Power Generation</i> , 2019 , 13, 2673-2683	2.9	4
98	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-12	7.3	4
97	Optimal shared mobility planning for electric vehicles in the distribution network. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 2257-2267	2.5	4
96	Stochastic Optimal Power Flow for Islanded Microgrids Considering Droop Control 2019 ,		4
95	. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 1325-1341	7	39
94	Reliability Based MinMax Regret Stochastic Optimization Model for Capacity Market With Renewable Energy and Practice in China. <i>IEEE Transactions on Sustainable Energy</i> , 2019 , 10, 2065-2074	8.2	16
93	A Missing-Data Tolerant Method for Data-Driven Short-Term Voltage Stability Assessment of Power Systems. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 5663-5674	10.7	25

92	A Distributed Electricity Trading System in Active Distribution Networks Based on Multi-Agent Coalition and Blockchain. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 4097-4108	7	109
91	Hierarchical Energy Management System for Home Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 5536-5546	10.7	19
90	. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 116-126	11.9	61
89	Social Information Filtering-Based Electricity Retail Plan Recommender System for Smart Grid End Users. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 95-104	10.7	30
88	Three-Stage Robust Inverter-Based Voltage/Var Control for Distribution Networks With High-Level PV. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 782-793	10.7	80
87	Unified Power Flow Algorithm for Standalone AC/DC Hybrid Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 639-649	10.7	48
86	Short-Term Residential Load Forecasting Based on LSTM Recurrent Neural Network. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 841-851	10.7	719
85	Distributed Blockchain-Based Data Protection Framework for Modern Power Systems Against Cyber Attacks. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 3162-3173	10.7	160
84	Small Fault Detection for a Class of Closed-Loop Systems via Deterministic Learning. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 897-906	10.2	17
83	Real-Time Assessment of Fault-Induced Delayed Voltage Recovery: A Probabilistic Self-Adaptive Data-Driven Method. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 2485-2494	10.7	20
82	. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 2765-2775	10.7	75
81	A Hierarchical Self-Adaptive Data-Analytics Method for Real-Time Power System Short-Term Voltage Stability Assessment. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 74-84	11.9	54
80	A Model of Customizing Electricity Retail Prices Based on Load Profile Clustering Analysis. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 3374-3386	10.7	51
79	Coordinated Dispatch of Virtual Energy Storage Systems in Smart Distribution Networks for Loading Management. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 776-786	7.3	28
78	Mixed-Integer Nonlinear Programming Formulation for Distribution Networks Reliability Optimization. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 1952-1961	11.9	26
77	. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 179-190	10.7	62
76	A Hierarchical Hidden Markov Model Framework for Home Appliance Modeling. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 3079-3090	10.7	56
75	An Extensible Approach for Non-Intrusive Load Disaggregation With Smart Meter Data. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 3362-3372	10.7	83

74	Robust Forecasting Aided Power System State Estimation Considering State Correlations. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 2658-2666	10.7	37
73	Robust Dispatch of High Wind Power-Penetrated Power Systems Against Transient Instability. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 174-186	7	34
72	Distributionally Robust Optimal Bidding of Controllable Load Aggregators in the Electricity Market. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 1089-1091	7	20
71	Robust Ensemble Data Analytics for Incomplete PMU Measurements-Based Power System Stability Assessment. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 1124-1126	7	36
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