

Zhao Xu

List of Publications by Year in descending order

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222
papers

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46918

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times ranked

7563
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-Driven Fault Detection and Classification for MTDC Systems by Integrating HCTSA and Softmax Regression. IEEE Transactions on Power Delivery, 2022, 37, 893-904.	2.9	8
2	Coordinated VSG Control of Photovoltaic/Battery System for Maximum Power Output and Grid Supporting. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2022, 12, 301-309.	2.7	22
3	Collaborative Control Framework of Multiple Electric Springs for Frequency Stabilization and Distribution Loss Reduction in Microgrids. IEEE Transactions on Smart Grid, 2022, 13, 4102-4112.	6.2	1
4	MPC Control of Three-Phase CSI in Unbalanced Grid. , 2022, , .		3
5	A Hierarchically Coordinated Operation and Control Scheme for DC Microgrid Clusters Under Uncertainty. IEEE Transactions on Sustainable Energy, 2021, 12, 273-283.	5.9	29
6	A Composite Finite-Time Controller for Decentralized Power Sharing and Stabilization of Hybrid Fuel Cell/Supercapacitor System With Constant Power Load. IEEE Transactions on Industrial Electronics, 2021, 68, 1388-1400.	5.2	20
7	A Power-Decoupled Current-Source Inverter for PV Energy Harvest and Grid Voltage Regulation. IEEE Transactions on Industrial Electronics, 2021, 68, 9540-9549.	5.2	12
8	A Novel Communication-Less Approach to Economic Dispatch for Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 901-904.	6.2	21
9	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.	7.2	25
10	Analysis and Mitigation of the Communication Delay Impacts on Wind Farm Central SSI Damping Controller. IEEE Access, 2021, 9, 105641-105650.	2.6	5
11	Novel grid-forming control of PMSG-based wind turbine for integrating weak AC grid without sacrificing maximum power point tracking. IET Generation, Transmission and Distribution, 2021, 15, 1613-1625.	1.4	19
12	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.	5.9	0
13	Two-stage ADMM-based distributed optimal reactive power control method for wind farms considering wake effects. Global Energy Interconnection, 2021, 4, 251-260.	1.4	5
14	Optimal power regulation for wind integration in the balancing market environment. IET Renewable Power Generation, 2021, 15, 3601-3611.	1.7	2
15	Control strategies for permanent magnet synchronous generator-based wind turbine with independent grid-forming capability in stand-alone operation mode. International Transactions on Electrical Energy Systems, 2021, 31, e13117.	1.2	4
16	Fully decentralized peer-to-peer energy sharing framework for smart buildings with local battery system and aggregated electric vehicles. Applied Energy, 2021, 299, 117243.	5.1	65
17	A hybrid model of energy scheduling for integrated multi-energy microgrid with hydrogen and heat storage system. Energy Reports, 2021, 7, 357-368.	2.5	16
18	Integrating Peer-to-Peer Energy Trading of Microgrids into Deregulated Electricity Market by Cascaded Model Predictive Control. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Convolutional Deep Learning-Based Distribution System Topology Identification with Renewables. , 2021, , .		2
20	Power System Inertia Estimation Based on Long Short Term Memory Network. , 2021, , .		0
21	A Novel Control Strategy for Wind Farm Active Power Regulation Considering Wake Interaction. IEEE Transactions on Sustainable Energy, 2020, 11, 618-628.	5.9	38
22	DC Fault Detection in Meshed MTdc Systems Based on Transient Average Value of Current. IEEE Transactions on Industrial Electronics, 2020, 67, 1932-1943.	5.2	51
23	Mileage-Responsive Wind Power Smoothing. IEEE Transactions on Industrial Electronics, 2020, 67, 5209-5212.	5.2	14
24	Data-Driven Sizing Planning of Renewable Distributed Generation in Distribution Networks With Optimality Guarantee. IEEE Transactions on Sustainable Energy, 2020, 11, 2003-2014.	5.9	11
25	Decentralized Control of DC Electric Springs for Storage Reduction in DC Microgrids. IEEE Transactions on Power Electronics, 2020, 35, 4634-4646.	5.4	21
26	A Distributed and Robust Energy Management System for Networked Hybrid AC/DC Microgrids. IEEE Transactions on Smart Grid, 2020, 11, 3496-3508.	6.2	55
27	Coordinative Low-Voltage-Ride-Through Control for the Wind-Photovoltaic Hybrid Generation System. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 1503-1514.	3.7	32
28	DC Fault Analysis Models of Three Converter Topologies Considering Control Effects. IEEE Transactions on Industrial Electronics, 2020, 67, 9480-9491.	5.2	11
29	Optimal Unified Power Flow Controller Planning in Transmission Grids with Uncertainty Consideration. , 2020, , .		2
30	A Two-Stage Game-Theoretic Method for Residential PV Panels Planning Considering Energy Sharing Mechanism. IEEE Transactions on Power Systems, 2020, 35, 3562-3573.	4.6	44
31	Full-Scale Distribution System Topology Identification Using Markov Random Field. IEEE Transactions on Smart Grid, 2020, 11, 4714-4726.	6.2	42
32	A Novel Retrospect-Inspired Regime for Microgrid Real-Time Energy Scheduling With Heterogeneous Sources. IEEE Transactions on Smart Grid, 2020, 11, 4614-4625.	6.2	20
33	Distributed Online VAR Control for Unbalanced Distribution Networks With Photovoltaic Generation. IEEE Transactions on Smart Grid, 2020, 11, 4760-4772.	6.2	23
34	A Robust Spatiotemporal Forecasting Framework for Photovoltaic Generation. IEEE Transactions on Smart Grid, 2020, 11, 5370-5382.	6.2	47
35	A Multi-Agent Reinforcement Learning-Based Data-Driven Method for Home Energy Management. IEEE Transactions on Smart Grid, 2020, 11, 3201-3211.	6.2	212
36	Optimal Mileage Based AGC Dispatch of a GenCo. IEEE Transactions on Power Systems, 2020, 35, 2516-2526.	4.6	63

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37	Cascaded Voltage Control for Electric Springs With DC-Link Film Capacitors. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3982-3994.	3.7	13
38	Novel MTDC droop scheme with decoupled power control for enhancing frequency stabilities of weak AC systems. IET Renewable Power Generation, 2020, 14, 2007-2016.	1.7	11
39	Short Term PV Power Forecasting Using ELM and Probabilistic Prediction Interval Formation. Proceedings in Adaptation, Learning and Optimization, 2020, , 273-282.	1.5	0
40	Low-voltage ride-through control for photovoltaic generation in the low-voltage distribution network. IET Renewable Power Generation, 2020, 14, 2727-2737.	1.7	14
41	Data-driven-based dynamic pricing method for sharing rooftop photovoltaic energy in a single apartment building. IET Generation, Transmission and Distribution, 2020, 14, 5720-5727.	1.4	3
42	Power system state estimation using conditional generative adversarial network. IET Generation, Transmission and Distribution, 2020, 14, 5823-5833.	1.4	8
43	DRO-MPC-based data-driven approach to real-time economic dispatch for islanded microgrids. IET Generation, Transmission and Distribution, 2020, 14, 5704-5711.	1.4	1
44	Tube-based Model Predictive Control Approach for Real-time Operation of Energy Storage System. , 2020, , .		0
45	A cascading power sharing control for microgrid embedded with wind and solar generation. Renewable Energy, 2019, 132, 846-860.	4.3	33
46	A robust correlation analysis framework for imbalanced and dichotomous data with uncertainty. Information Sciences, 2019, 470, 58-77.	4.0	54
47	Coordinated Control Strategies of PMSC-Based Wind Turbine for Smoothing Power Fluctuations. IEEE Transactions on Power Systems, 2019, 34, 391-401.	4.6	69
48	Modeling and Mechanism Investigation of Inertia and Damping Issues for Grid-Tied PV Generation Systems with Droop Control. Energies, 2019, 12, 1985.	1.6	13
49	Coordinated Frequency Control Scheme of Offshore Wind Farm Connected to VSC-HVDC. Electric Power Components and Systems, 2019, 47, 757-771.	1.0	6
50	Enhanced Voltage Regulation of AC Microgrids with Electric Springs. , 2019, , .		5
51	An Active Power Regulation Strategy for Wind Farm Considering Wake Effect. , 2019, , .		2
52	Enhancing photovoltaic hosting capacity—A stochastic approach to optimal planning of static var compensator devices in distribution networks. Applied Energy, 2019, 238, 952-962.	5.1	55
53	Robust Investment for Demand Response in a Distribution Network considering Wind Power and Load Demand Uncertainties. International Journal of Emerging Electric Power Systems, 2019, 20, .	0.6	2
54	Coordinated residential energy resource scheduling with human thermal comfort modelling and renewable uncertainties. IET Generation, Transmission and Distribution, 2019, 13, 1768-1776.	1.4	12

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55	Distributed Online Voltage Control in Active Distribution Networks Considering PV Curtailment. IEEE Transactions on Industrial Informatics, 2019, 15, 5519-5530.	7.2	63
56	Optimal distributed energy storage investment scheme for distribution network accommodating high renewable penetration. International Transactions on Electrical Energy Systems, 2019, 29, e12002.	1.2	9
57	Fault-Tolerant Control of CPS-PWM-Based Cascaded Multilevel Inverter With Faulty Units. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 2486-2497.	3.7	35
58	Model Predictive Control Based Ramp Minimization in Active Distribution Network Using Energy Storage Systems. Electric Power Components and Systems, 2019, 47, 201-211.	1.0	4
59	Distributed Consensus Control of Thermostatically Controlled Loads for Fast Ancillary Services. , 2019, , .		0
60	Advanced Intelligent Micro Inverter Control in the Distributed Solar Generation System. , 2019, , .		1
61	A Novel Approach for State Estimation Using Generative Adversarial Network. , 2019, , .		1
62	Distributed noise-resilient economic dispatch strategy for islanded microgrids. IET Generation, Transmission and Distribution, 2019, 13, 3029-3039.	1.4	19
63	An Uncertainty involved Optimization Model of Renewable Hosting Capacity Enhancement. , 2019, , .		0
64	A retroactive approach to microgrid real-time scheduling in quest of perfect dispatch solution. Journal of Modern Power Systems and Clean Energy, 2019, 7, 1608-1618.	3.3	20
65	Intrahour Cloud Tracking Based on Optical Flow. , 2019, , .		2
66	A Distributed Electricity Trading System in Active Distribution Networks Based on Multi-Agent Coalition and Blockchain. IEEE Transactions on Power Systems, 2019, 34, 4097-4108.	4.6	217
67	DC Fault Detection in MTDC Systems Based on Transient High Frequency of Current. IEEE Transactions on Power Delivery, 2019, 34, 950-962.	2.9	68
68	A Multistage Home Energy Management System With Residential Photovoltaic Penetration. IEEE Transactions on Industrial Informatics, 2019, 15, 116-126.	7.2	110
69	Conditional Density Forecast of Electricity Price Based on Ensemble ELM and Logistic EMOS. IEEE Transactions on Smart Grid, 2019, 10, 3031-3043.	6.2	46
70	Coordinated Dispatch of Virtual Energy Storage Systems in Smart Distribution Networks for Loading Management. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 776-786.	5.9	44
71	Robust Distributed Generation Investment Accommodating Electric Vehicle Charging in a Distribution Network. IEEE Transactions on Power Systems, 2018, 33, 4654-4666.	4.6	31
72	Variable Utilization-Level Scheme for Load-Sharing Control of Wind Farm. IEEE Transactions on Energy Conversion, 2018, 33, 856-868.	3.7	18

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73	Advanced frequency support strategy of photovoltaic system considering changing working conditions. IET Generation, Transmission and Distribution, 2018, 12, 363-370.	1.4	34
74	Variable gain control scheme of DFIG-based wind farm for over-frequency support. Renewable Energy, 2018, 120, 379-391.	4.3	36
75	Variable Droop Voltage Control For Wind Farm. IEEE Transactions on Sustainable Energy, 2018, 9, 491-493.	5.9	50
76	Robust Planning of Electric Vehicle Charging Facilities With an Advanced Evaluation Method. IEEE Transactions on Industrial Informatics, 2018, 14, 866-876.	7.2	38
77	Optimal Location Planning of Renewable Distributed Generation Units in Distribution Networks: An Analytical Approach. IEEE Transactions on Power Systems, 2018, 33, 2742-2753.	4.6	50
78	A Coordinated Dispatch Model for Distribution Network Considering PV Ramp. IEEE Transactions on Power Systems, 2018, 33, 1107-1109.	4.6	30
79	Hardware-in-the-loop Implementation of Residential Intelligent Microgrid. , 2018, , .		3
80	Variable Utilization Level Scheme for Load Sharing Control of Wind Farm. , 2018, , .		0
81	Optimal Location Planning of Renewable Distributed Generation Units in Distribution Networks: An Analytical Approach. , 2018, , .		2
82	Game theory-based optimal deloading control of wind turbines under scalable structures of wind farm. IET Cyber-Physical Systems: Theory and Applications, 2018, 3, 224-231.	1.9	6
83	Combined Primary Frequency Control Strategy of Permanent Magnet Synchronous Generator-Based Wind Turbine. Electric Power Components and Systems, 2018, 46, 1704-1718.	1.0	7
84	Energy Storage System Control for Electromechanical Oscillation Mitigation and Its Impact on Inertia and Damping of Power System. , 2018, , .		1
85	Optimal SVC placement for Maximizing Photovoltaic Hosting Capacity in Distribution Network. IFAC-PapersOnLine, 2018, 51, 356-361.	0.5	12
86	Single Image Super-Resolution via the Implementation of the Hardware-Friendly Sparse Coding. , 2018, , .		4
87	A Cyber-Physical-Social System with Parallel Learning for Distributed Energy Management of a Microgrid. , 2018, , .		4
88	Easily Cascaded Memristor-CMOS Hybrid Circuit for High-Efficiency Boolean Logic Implementation. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850149.	0.7	28
89	Optimal Placement of Voltage Regulators for Photovoltaic Hosting Capacity Maximization. , 2018, , .		2
90	Ensemble learning for optimal active power control of distributed energy resources and thermostatically controlled loads in an islanded microgrid. International Journal of Hydrogen Energy, 2018, 43, 22474-22486.	3.8	8

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91	A cyber-physical-social system with parallel learning for distributed energy management of a microgrid. <i>Energy</i> , 2018, 165, 205-221.	4.5	19
92	Stochastic optimal TCSC placement in power system considering high wind power penetration. <i>IET Generation, Transmission and Distribution</i> , 2018, 12, 3052-3060.	1.4	9
93	Co-Planning of Demand Response and Distributed Generators in an Active Distribution Network. <i>Energies</i> , 2018, 11, 354.	1.6	9
94	A Novel Single-Phase Reactive Current Detection Algorithm Based on Fast Orthogonal Signal Generator and Enhanced Moving Average Filter. <i>Energies</i> , 2018, 11, 733.	1.6	2
95	Distributed transactive energy trading framework in distribution networks. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 7215-7227.	4.6	191
96	A general memristor-based pulse coupled neural network with variable linking coefficient for multi-focus image fusion. <i>Neurocomputing</i> , 2018, 308, 172-183.	3.5	60
97	Distributed generation and energy storage system planning for a distribution system operator. <i>IET Renewable Power Generation</i> , 2018, 12, 1345-1353.	1.7	53
98	A coordinated frequency control strategy for photovoltaic system in microgrid. <i>Journal of International Council on Electrical Engineering</i> , 2018, 8, 37-43.	0.4	12
99	Distributed residential energy resource scheduling with renewable uncertainties. <i>IET Generation, Transmission and Distribution</i> , 2018, 12, 2770-2777.	1.4	14
100	Risk-Based Day-Ahead Scheduling of Electric Vehicle Aggregator Using Information Gap Decision Theory. <i>IEEE Transactions on Smart Grid</i> , 2017, 8, 1609-1618.	6.2	109
101	Pareto Optimal Prediction Intervals of Electricity Price. <i>IEEE Transactions on Power Systems</i> , 2017, 32, 817-819.	4.6	54
102	Optimal Power Sharing Control of Wind Turbines. <i>IEEE Transactions on Power Systems</i> , 2017, 32, 824-825.	4.6	28
103	Adaptive partitioning approach to self-sustained smart grid. <i>IET Generation, Transmission and Distribution</i> , 2017, 11, 485-494.	1.4	9
104	Distribution Network Electric Vehicle Hosting Capacity Maximization: A Chargeable Region Optimization Model. <i>IEEE Transactions on Power Systems</i> , 2017, 32, 4119-4130.	4.6	76
105	Coordinated Control of Wind Farms and MTDC Grids for System Frequency Support. <i>Electric Power Components and Systems</i> , 2017, 45, 451-464.	1.0	16
106	Ramp-Limited Optimal Dispatch Strategy for PV-Embedded Microgrid. <i>IEEE Transactions on Power Systems</i> , 2017, 32, 4155-4157.	4.6	20
107	Intelligent Early Warning of Power System Dynamic Insecurity Risk: Toward Optimal Accuracy-Earliness Tradeoff. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 2544-2554.	7.2	85
108	Hierarchical SCOPF Considering Wind Energy Integration Through Multiterminal VSC-HVDC Grids. <i>IEEE Transactions on Power Systems</i> , 2017, 32, 4211-4221.	4.6	44

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109	Coordinated Control Strategies for Offshore Wind Farm Integration via VSC-HVDC for System Frequency Support. IEEE Transactions on Energy Conversion, 2017, 32, 843-856.	3.7	131
110	A Direct Solution to Biobjective Partitioning Problem in Electric Power Networks. IEEE Transactions on Power Systems, 2017, 32, 2481-2483.	4.6	18
111	Real-Time Decision Making Model for Thermostatically Controlled Load Aggregators by Natural Aggregation Algorithm. , 2017, , .		7
112	Daily Clearness Index Profiles Cluster Analysis for Photovoltaic System. IEEE Transactions on Industrial Informatics, 2017, 13, 2322-2332.	7.2	53
113	Improved Cycle Control and Sizing Scheme for Wind Energy Storage System Based on Multiobjective Optimization. IEEE Transactions on Sustainable Energy, 2017, 8, 966-977.	5.9	26
114	Levelized cost of electricity for photovoltaic/biogas power plant hybrid system with electrical energy storage degradation costs. Energy Conversion and Management, 2017, 153, 34-47.	4.4	81
115	Power Flow Features and Balancing in MTDC Integrated Offshore Wind Farms. Electric Power Components and Systems, 2017, 45, 1068-1079.	1.0	3
116	Smart home energy management with vehicle-to-home technology. , 2017, , .		10
117	Guest Editorial - Special Section on Emerging Informatics for Risk Hedging and Decision Making in Smart Grids. IEEE Transactions on Industrial Informatics, 2017, 13, 2507-2510.	7.2	4
118	Spinning Reserve Requirement Optimization Considering Integration of Plug-In Electric Vehicles. IEEE Transactions on Smart Grid, 2017, 8, 2009-2021.	6.2	42
119	Multiagent-Based Cooperative Control Framework for Microgrids's Energy Imbalance. IEEE Transactions on Industrial Informatics, 2017, 13, 1046-1056.	7.2	47
120	Advanced Control Strategies of PMSG-Based Wind Turbines for System Inertia Support. IEEE Transactions on Power Systems, 2017, 32, 3027-3037.	4.6	163
121	Battery ESS Planning for Wind Smoothing via Variable-Interval Reference Modulation and Self-Adaptive SOC Control Strategy. IEEE Transactions on Sustainable Energy, 2017, 8, 695-707.	5.9	71
122	Probabilistic Forecasting of Photovoltaic Generation: An Efficient Statistical Approach. IEEE Transactions on Power Systems, 2017, 32, 2471-2472.	4.6	124
123	Optimal PMU placement considering state estimation uncertainty and voltage controllability. IET Generation, Transmission and Distribution, 2017, 11, 4465-4475.	1.4	22
124	A comprehensive review on large-scale photovoltaic system with applications of electrical energy storage. Renewable and Sustainable Energy Reviews, 2017, 78, 439-451.	8.2	156
125	Hierarchical power flow algorithm for standalone hybrid AC/Multi-DC microgrids. , 2017, , .		2
126	A Spectral Approach for the Efficient Identification of Power Transmission Network Uncontrolled Separation. Electric Power Components and Systems, 2017, 45, 2050-2061.	1.0	1

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127	A two-layer active power control scheme in a DC grid for contingency situation. , 2017, , .		0
128	A novel control scheme for enhancing low voltage ride through capability of solar generation. , 2017, , .		9
129	Dynamic equivalent-based reliability evaluation of distribution systems with DGs. IET Generation, Transmission and Distribution, 2016, 10, 2285-2294.	1.4	10
130	Optimal operation scheduling for microgrid with high penetrations of solar power and thermostatically controlled loads. Science and Technology for the Built Environment, 2016, 22, 666-673.	0.8	18
131	Nonparametric conditional interval forecasts for PV power generation considering the temporal dependence. , 2016, , .		5
132	Stochastic collaborative planning method for electric vehicle charging stations. , 2016, , .		2
133	Optimal PMU placement for voltage control. , 2016, , .		0
134	Robust offering strategy for a wind power producer under uncertainties. , 2016, , .		5
135	Fast forecasting uncontrolled network separation in smart grid environment. , 2016, , .		1
136	Power smoothing control of wind turbines using different strategies. , 2016, , .		2
137	Chance constrained programming based optimal network reconfiguration in smart grid. , 2016, , .		0
138	Optimal sizing of substation-scale energy storage station considering seasonal variations in wind energy. IET Generation, Transmission and Distribution, 2016, 10, 3241-3250.	1.4	15
139	Coordinated-Control Strategy of Photovoltaic Converters and Static Synchronous Compensators for Power System Fault Ride-Through. Electric Power Components and Systems, 2016, 44, 1683-1692.	1.0	13
140	Probabilistic Wind Power Forecasting with Hybrid Artificial Neural Networks. Electric Power Components and Systems, 2016, 44, 1656-1668.	1.0	22
141	Reliability evaluation of distribution systems with mobile energy storage systems. IET Renewable Power Generation, 2016, 10, 1562-1569.	1.7	74
142	Impacts of large-scale photovoltaic generation penetration on power system spinning reserve allocation. , 2016, , .		7
143	Collector System Layout Optimization Framework for Large-Scale Offshore Wind Farms. IEEE Transactions on Sustainable Energy, 2016, 7, 1398-1407.	5.9	44
144	Optimal Granule-Based Pls Construction for Solar Irradiance Forecast. IEEE Transactions on Power Systems, 2016, 31, 3332-3333.	4.6	22

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145	Flexible Operational Planning Framework Considering Multiple Wind Energy Forecasting Service Providers. IEEE Transactions on Sustainable Energy, 2016, 7, 708-717.	5.9	20
146	Risk-Based Power System Security Analysis Considering Cascading Outages. IEEE Transactions on Industrial Informatics, 2016, 12, 872-882.	7.2	71
147	Multiagent Stochastic Dynamic Game for Smart Generation Control. Journal of Energy Engineering - ASCE, 2016, 142, .	1.0	15
148	A two-stage power dispatching algorithm for system support by droop-controlled dc grids. , 2015, , .		0
149	A Novel Topology Design for Integration of Offshore Wind Farm via High-voltage DC Transmission. Electric Power Components and Systems, 2015, 43, 1100-1112.	1.0	3
150	A two-stage power dispatching algorithm for system support by droop-controlled DC grids. , 2015, , .		0
151	A Novel Network Partitioning Approach in Smart Grid Environment. , 2015, , .		4
152	A hybrid interactive simulation method for studying emission trading behaviors. , 2015, , .		2
153	A MILP approach to accommodate more Building Integrated Photovoltaic system in distribution network. , 2015, , .		6
154	N-k Induced Cascading Contingency Screening. IEEE Transactions on Power Systems, 2015, 30, 2824-2825.	4.6	35
155	An overview on wind power forecasting methods. , 2015, , .		14
156	Photovoltaic and solar power forecasting for smart grid energy management. CSEE Journal of Power and Energy Systems, 2015, 1, 38-46.	1.7	422
157	A flexible framework of line power flow estimation for high-order contingency analysis. International Journal of Electrical Power and Energy Systems, 2015, 70, 1-8.	3.3	10
158	Powering China's Sustainable Development with Renewable Energies: Current Status and Future Trend. Electric Power Components and Systems, 2015, 43, 1193-1204.	1.0	24
159	Security constrained unit commitment-based power system dispatching with plug-in hybrid electric vehicles. , 2015, , .		7
160	An Advanced Approach for Construction of Optimal Wind Power Prediction Intervals. IEEE Transactions on Power Systems, 2015, 30, 2706-2715.	4.6	70
161	Efficient real-time residential energy management through MILP based rolling horizon optimization. , 2015, , .		21
162	Cooperation-Driven Distributed Model Predictive Control for Energy Storage Systems. IEEE Transactions on Smart Grid, 2015, 6, 2583-2585.	6.2	40

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163	Recent advancements on the development of microgrids. Journal of Modern Power Systems and Clean Energy, 2014, 2, 206-211.	3.3	42
164	A review on applications of heuristic optimization algorithms for optimal power flow in modern power systems. Journal of Modern Power Systems and Clean Energy, 2014, 2, 289-297.	3.3	81
165	Power smooth control for DFIG under extreme operating gust. , 2014, , .		1
166	Feasibility of integrating large wind farm via fractional frequency transmission system a case study. International Transactions on Electrical Energy Systems, 2014, 24, 64-74.	1.2	14
167	A Hybrid Approach for Probabilistic Forecasting of Electricity Price. IEEE Transactions on Smart Grid, 2014, 5, 463-470.	6.2	182
168	Recent Advancements on Smart Grids in China. Electric Power Components and Systems, 2014, 42, 251-261.	1.0	81
169	Probabilistic Forecasting of Wind Power Generation Using Extreme Learning Machine. IEEE Transactions on Power Systems, 2014, 29, 1033-1044.	4.6	575
170	Optimal Prediction Intervals of Wind Power Generation. IEEE Transactions on Power Systems, 2014, 29, 1166-1174.	4.6	269
171	Discussion of "Combined Nonparametric Prediction Intervals for Wind Power Generation". IEEE Transactions on Sustainable Energy, 2014, 5, 1021-1021.	5.9	18
172	Efficiency Ranking-Based Evolutionary Algorithm for Power System Planning and Operation. IEEE Transactions on Power Systems, 2014, 29, 1437-1438.	4.6	9
173	Permutation-based Power System Restoration in Smart Grid Considering Load Prioritization. Electric Power Components and Systems, 2014, 42, 361-371.	1.0	22
174	A hierarchical optimization framework for aggregating thermostatically controlled loads to minimize real-time thermal rating of overhead distribution lines. , 2014, , .		3
175	A complex network based model for detecting isolated communities in water distribution networks. Chaos, 2013, 23, 043102.	1.0	11
176	Traffic-Constrained Multiobjective Planning of Electric-Vehicle Charging Stations. IEEE Transactions on Power Delivery, 2013, 28, 2363-2372.	2.9	311
177	Recent advancement on technical requirements for grid integration of wind power. Journal of Modern Power Systems and Clean Energy, 2013, 1, 216-222.	3.3	35
178	A graph-algebraic approach for detecting islands in power system. , 2013, , .		4
179	A Comprehensive LVRT Control Strategy for DFIG Wind Turbines With Enhanced Reactive Power Support. IEEE Transactions on Power Systems, 2013, 28, 3302-3310.	4.6	196
180	Islanding Control Architecture in future smart grid with both demand and wind turbine control. Electric Power Systems Research, 2013, 95, 214-224.	2.1	15

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181	Demand response through smart home energy management using thermal inertia. , 2013, , .		20
182	Direct Interval Forecasting of Wind Power. IEEE Transactions on Power Systems, 2013, 28, 4877-4878.	4.6	103
183	Comparing Renewable Energy policies in four countries & overcoming consumers' adoption barriers with REIS. , 2013, , .		0
184	A Multimarket Decision-Making Framework for GENCO Considering Emission Trading Scheme. IEEE Transactions on Power Systems, 2013, 28, 4099-4108.	4.6	31
185	Optimal dispatch of plug-in hybrid electric vehicles to reduce the load fluctuations on distribution networks. , 2013, , .		1
186	Towards real-time energy generation scheduling in microgrids with performance guarantee. , 2013, , .		2
187	Risk Based Identification of Cascading Chains Based on Generalized Line Outage Distribution Factors. , 2013, , .		1
188	A co-ordinated dispatch model for electricity and heat in a Microgrid via particle swarm optimization. Transactions of the Institute of Measurement and Control, 2013, 35, 44-55.	1.1	16
189	Risk assessment based on information entropy of cascading failure in power systems. , 2012, , .		1
190	Determination of Weight Coefficient for Power System Restoration. IEEE Transactions on Power Systems, 2012, 27, 1140-1141.	4.6	19
191	Spot Pricing When Lagrange Multipliers Are Not Unique. IEEE Transactions on Power Systems, 2012, 27, 314-322.	4.6	9
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