

Shengwei Mei

List of Publications by Year in descending order

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301
papers

6,337
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62541

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h-index

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68
g-index

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all docs

303
docs citations

303
times ranked

4072
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyber-Physical Coordinated Risk Mitigation in Smart Grids Based on Attack-Defense Game. IEEE Transactions on Power Systems, 2022, 37, 530-542.	6.3	17
2	Parametric Distribution Optimal Power Flow With Variable Renewable Generation. IEEE Transactions on Power Systems, 2022, 37, 1831-1841.	6.3	10
3	Ultra-short-term irradiance forecasting model based on ground-based cloud image and deep learning algorithm. IET Renewable Power Generation, 2022, 16, 2604-2616.	3.1	12
4	Diversified Software Deployment for Long-Term Risk Mitigation in Cyber-Physical Power Systems. IEEE Transactions on Power Systems, 2022, 37, 377-387.	6.3	2
5	Distribution System Operation With Renewables and Energy Storage: A Linear Programming Based Multistage Robust Feasibility Approach. IEEE Transactions on Power Systems, 2022, 37, 738-749.	6.3	12
6	Optimal Energy Management of a Residential Prosumer: A Robust Data-Driven Dynamic Programming Approach. IEEE Systems Journal, 2022, 16, 1548-1557.	4.6	12
7	Preallocation of Electric Buses for Resilient Restoration of Distribution Network: A Data-Driven Robust Stochastic Optimization Method. IEEE Systems Journal, 2022, 16, 2753-2764.	4.6	15
8	Online Coordination of LNG Tube Trailer Dispatch and Resilience Restoration of Integrated Power-Gas Distribution Systems. IEEE Transactions on Smart Grid, 2022, 13, 1938-1951.	8.7	15
9	Capacity sizing of the integrated wind-solar-storage system: A nested game approach. IET Generation, Transmission and Distribution, 2022, 16, 2852-2863.	2.5	3
10	Sizing Renewable Generation and Energy Storage in Stand-Alone Microgrids Considering Distributionally Robust Shortfall Risk. IEEE Transactions on Power Systems, 2022, 37, 4054-4066.	6.3	18
11	Admissible Region of Renewable Generation Ensuring Power Flow Solvability in Distribution Networks. IEEE Systems Journal, 2022, 16, 3982-3992.	4.6	6
12	Coordinate sizing of energy storage and transmission line for a remote renewable power plant. IET Renewable Power Generation, 2022, 16, 2508-2520.	3.1	1
13	Multi-mode optimal operation of advanced adiabatic compressed air energy storage: Explore its value with condenser operation. Energy, 2022, 248, 123600.	8.9	7
14	Economic Optimization Dispatch Model of a Micro-Network with a Solar-Assisted Compressed Air Energy Storage Hub, with Consideration of Its Operationally Feasible Region. Processes, 2022, 10, 963.	2.8	1
15	A Duality-driven Real-time Dispatch Policy for Remote Wind-storage Plant. , 2022, , .		0
16	Peer-to-Peer Transaction Network with Shared Energy Storage in Transmission Grid. , 2022, , .		0
17	Distributionally Robust Renewable-Transmission-Storage Planning Considering Carbon Taxes. , 2022, , .		0
18	Peer-to-Peer Transactive Network with Shared Energy Storage in Distribution Network. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
19	Supply Inadequacy Risk Evaluation of Stand-Alone Renewable Powered Heat-Electricity Energy Systems: A Data-Driven Robust Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 1937-1947.	10.9	11
20	Impact of Energy Storage on Renewable Energy Utilization: A Geometric Description. IEEE Transactions on Sustainable Energy, 2021, 12, 874-885.	8.5	61
21	Real-Time Self-Dispatch of a Remote Wind-Storage Integrated Power Plant Without Predictions: Explicit Policy and Performance Guarantee. IEEE Open Access Journal of Power and Energy, 2021, 8, 484-496.	3.3	7
22	Observer Design for One-sided Lipschitz Uncertain Descriptor Systems with Time-varying Delay and Nonlinear Uncertainties. Circuits, Systems, and Signal Processing, 2021, 40, 4779-4798.	2.0	10
23	Approaching Prosumer Social Optimum via Energy Sharing With Proof of Convergence. IEEE Transactions on Smart Grid, 2021, 12, 2484-2495.	8.7	21
24	Resilient Restoration of Distribution Systems in Coordination With Electric Bus Scheduling. IEEE Transactions on Smart Grid, 2021, 12, 3314-3325.	8.7	47
25	Distribution Optimal Power Flow With Energy Sharing Via a Peer-To-Peer Transactive Market. Frontiers in Energy Research, 2021, 9, .	2.3	6
26	Enhancement in photoelectric performance of dye-sensitized solar cells with inverted pyramid structures based on nanoimprint lithography. AIP Advances, 2021, 11, .	1.3	5
27	Online distributed tracking of generalized Nash equilibrium on physical networks. Autonomous Intelligent Systems, 2021, 1, 1.	3.1	4
28	Distributed Finite-Time Secondary Frequency Control of Islanded Microgrids With Enhanced Operational Flexibility. IEEE Transactions on Energy Conversion, 2021, 36, 1733-1742.	5.0	15
29	Rolling-horizon dispatch of advanced adiabatic compressed air energy storage based energy hub via data-driven stochastic dynamic programming. Energy Conversion and Management, 2021, 243, 114322.	9.3	21
30	Optimal bidding and scheduling of AA-CAES based energy hub considering cascaded consumption of heat. Energy, 2021, 233, 121133.	8.9	18
31	Economic Value of Energy Storages in Unit Commitment With Renewables and Its Implication on Storage Sizing. IEEE Transactions on Sustainable Energy, 2021, 12, 2219-2229.	8.5	15
32	Routing and Scheduling of Electric Buses for Resilient Restoration of Distribution System. IEEE Transactions on Transportation Electrification, 2021, 7, 2414-2428.	7.5	34
33	Characterizing and Visualizing the Impact of Energy Storage on Renewable Energy Curtailment in Bulk Power Systems. Applied Sciences (Switzerland), 2021, 11, 1135.	2.6	1
34	Ultra-short-term solar PV power forecasting based on cloud displacement vector using multi-channel satellite and NWP data. , 2021, , .		2
35	Risk Assessment of Power System Cascading Outages Based on Deep Reinforcement Learning. , 2021, , .		3
36	Electricity-Heat-Hydrogen Modeling of Hydrogen Storage System Considering Off-Design Characteristics. IEEE Access, 2021, 9, 156768-156777.	4.3	10

#	ARTICLE	IF	CITATIONS
37	Communication-Resilient Microgrid Distributed Frequency Control with an Event-Triggered Mechanism. , 2021, , .		0
38	Analyzing Patterns Transference and Mitigation of Cascading Failures with Interaction Graphs. , 2021, , .		4
39	Improving the Near-Surface Wind Forecast around the Turpan Basin of the Northwest China by Using the WRF_TopoWind Model. Atmosphere, 2021, 12, 1624.	2.3	1
40	Capacity Planning of Energy Hub in Multi-Carrier Energy Networks: A Data-Driven Robust Stochastic Programming Approach. IEEE Transactions on Sustainable Energy, 2020, 11, 3-14.	8.5	86
41	An Online Search Method for Representative Risky Fault Chains Based on Reinforcement Learning and Knowledge Transfer. IEEE Transactions on Power Systems, 2020, 35, 1856-1867.	6.3	27
42	An Energy Sharing Game With Generalized Demand Bidding: Model and Properties. IEEE Transactions on Smart Grid, 2020, 11, 2055-2066.	8.7	54
43	Optimal Service Pricing and Charging Scheduling of an Electric Vehicle Sharing System. IEEE Transactions on Vehicular Technology, 2020, 69, 78-89.	6.2	55
44	Pattern Analysis of Topological Attacks in Cyber-Physical Power Systems Considering Cascading Outages. IEEE Access, 2020, 8, 134257-134267.	4.3	20
45	Impact of Energy Storage on Economic Dispatch of Distribution Systems: A Multi-Parametric Linear Programming Approach and Its Implications. IEEE Open Access Journal of Power and Energy, 2020, 7, 243-253.	3.3	17
46	Thermodynamic Analysis of a Hybrid Trigenerative Compressed Air Energy Storage System with Solar Thermal Energy. Entropy, 2020, 22, 764.	2.2	4
47	Economic Benefit Analysis of Micro Compressed Air Energy Storage Based on Life-Cycle Cost. , 2020, , .		1
48	Asynchronous Distributed Power Control of Multimicrogrid Systems. IEEE Transactions on Control of Network Systems, 2020, 7, 1960-1973.	3.7	15
49	The Value and Optimal Sizes of Energy Storage Units in Solar-Assist Cogeneration Energy Hubs. Applied Sciences (Switzerland), 2020, 10, 4994.	2.6	7
50	Quantitative short-term voltage stability analysis of power systems integrated with DFIG-based wind farms. IET Generation, Transmission and Distribution, 2020, 14, 4264-4272.	2.5	16
51	Analyzing and Quantifying the Intrinsic Distributional Robustness of CVaR Reformulation for Chance-Constrained Stochastic Programs. IEEE Transactions on Power Systems, 2020, 35, 4908-4911.	6.3	8
52	Technological Research of a Clean Energy Router Based on Advanced Adiabatic Compressed Air Energy Storage System. Entropy, 2020, 22, 1440.	2.2	4
53	M2GSNet: Multi-Modal Multi-Task Graph Spatiotemporal Network for Ultra-Short-Term Wind Farm Cluster Power Prediction. Applied Sciences (Switzerland), 2020, 10, 7915.	2.6	20
54	A comparative thermodynamic analysis of Kalina and organic Rankine cycles for hot dry rock: a prospect study in the Gonghe Basin. Frontiers in Energy, 2020, 14, 889-900.	2.4	8

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55	Modeling and dispatch of advanced adiabatic compressed air energy storage under wide operating range in distribution systems with renewable generation. <i>Energy</i> , 2020, 206, 118051.	8.9	35
56	Fast Screen of Redundant Transmission Constraints in Line Contingency-Constrained Dispatch. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 3305-3307.	6.3	4
57	Modelling and experimental validation of advanced adiabatic compressed air energy storage with off-design heat exchanger. <i>IET Renewable Power Generation</i> , 2020, 14, 389-398.	3.1	14
58	Interdependence of electricity and heat distribution systems coupled by an AA€CAES€based energy hub. <i>IET Renewable Power Generation</i> , 2020, 14, 399-407.	3.1	24
59	Operation of Distribution Network Considering Compressed Air Energy Storage Unit and Its Reactive Power Support Capability. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 2954-2965.	8.7	23
60	Online Periodic Coordination of Multiple Pulsed Loads on All-Electric Ships. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 2658-2669.	6.3	18
61	Sizing energy storage to reduce renewable power curtailment considering network power flows: a distributionally robust optimisation approach. <i>IET Renewable Power Generation</i> , 2020, 14, 3273-3280.	3.1	16
62	Ultra-short-term solar power forecasting based on a modified clear sky model. , 2020, , .		1
63	A Distributionally Robust Approach for Transmission and Energy Storage Capacity Planning in a Remote Photovoltaic Power Plant. , 2020, , .		2
64	A Multi-level Two-stage Optimal Dispatch Model for Wind-storage Hybrid System. , 2020, , .		1
65	Impact of Energy Storage Unit on Power System Economic Dispatch: A Multi-parametric Programming Method and its Implication on Energy Storage Sizing. , 2020, , .		1
66	Optimal Capacity Allocation of Integrated Agricultural Energy Network with Enhanced Geothermal System Considering Seasonal Differences. , 2020, , .		2
67	Impact of Storage and Transmission Line Capacity on the Curtailment of a Remote Renewable Plant: A Multiparametric Programming Method. , 2020, , .		3
68	Energy Trading and Market Equilibrium in Integrated Heat-Power Distribution Systems. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4080-4094.	8.7	103
69	Distributed Optimal Frequency Control Considering a Nonlinear Network-Preserving Model. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 76-86.	6.3	27
70	Stability Region of Droop-Controlled Distributed Generation in Autonomous Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 2288-2300.	8.7	30
71	Region-Based Stability Analysis for Active Dampers in AC Microgrids. <i>IEEE Transactions on Industry Applications</i> , 2019, 55, 7671-7682.	4.8	14
72	A Data Segmentation-Based Ensemble Classification Method for Power System Transient Stability Status Prediction with Imbalanced Data. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4216.	2.6	7

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73	Distributed load-side control: Coping with variation of renewable generations. <i>Automatica</i> , 2019, 109, 108556.	5.1	17
74	Region Based Stability Analysis of Active Dampers in AC Microgrids with Multiple Parallel Interface Inverters. , 2019, , .		2
75	Resilient Active Power Sharing in Autonomous Microgrids Using Pinning-Consensus-Based Distributed Control. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 6802-6811.	8.7	26
76	Thermodynamic Analysis of a Hybrid Power System Combining Kalina Cycle with Liquid Air Energy Storage. <i>Entropy</i> , 2019, 21, 220.	2.2	23
77	A Two-Stage Feature Selection Method for Power System Transient Stability Status Prediction. <i>Energies</i> , 2019, 12, 689.	3.1	12
78	Research on Power Prediction of Photovoltaic Electric Field Based on Grey Model. , 2019, , .		1
79	Graphical Evolutionary Game Model of Virus-Based Intrusion to Power System for Long-Term Cyber-Security Risk Evaluation. <i>IEEE Access</i> , 2019, 7, 178605-178617.	4.3	9
80	Parameter Dominance Identification of Wind Farms Based on Data Dimension Reduction. , 2019, , .		0
81	Energy Trading and Market Equilibrium in Integrated Heat-Power Distribution Systems. , 2019, , .		62
82	Risk-constrained Economic Dispatch for Power Systems with Renewable Energy Sources and Compressed Air Energy Storage. , 2019, , .		1
83	Decentralized Operation of Interdependent Power Distribution Network and District Heating Network: A Market-Driven Approach. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 5374-5385.	8.7	105
84	Dispatchable Generation of a Novel Compressed-Air Assisted Wind Turbine and Its Operation Mechanism. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 2201-2210.	8.5	15
85	Observer design for neutral-type neural networks with discrete and distributed time-varying delays. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019, 33, 527-544.	3.9	6
86	Detecting False Data Injection Attacks Against Power System State Estimation With Fast Go-Decomposition Approach. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 2892-2904.	10.9	83
87	Unified Distributed Control of Stand-Alone DC Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 1013-1024.	8.7	51
88	Distributed Frequency Control With Operational Constraints, Part I: Per-Node Power Balance. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 40-52.	8.7	50
89	Distributed Frequency Control With Operational Constraints, Part II: Network Power Balance. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 53-64.	8.7	40
90	Fast Screening of Vulnerable Transmission Lines in Power Grids: A PageRank-Based Approach. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 1982-1991.	8.7	59

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91	Participation of an Energy Hub in Electricity and Heat Distribution Markets: An MPEC Approach. IEEE Transactions on Smart Grid, 2019, 10, 3641-3653.	8.7	178
92	Management of Cascading Outage Risk Based on Risk Gradient and Markovian Tree Search. IEEE Transactions on Power Systems, 2018, 33, 4050-4060.	6.3	16
93	Quantifying the Influence of Component Failure Probability on Cascading Blackout Risk. IEEE Transactions on Power Systems, 2018, 33, 5671-5681.	6.3	11
94	Optimal Power Flow in Stand-Alone DC Microgrids. IEEE Transactions on Power Systems, 2018, 33, 5496-5506.	6.3	115
95	Enhancing flexibility of power systems by exploiting operational controllability of large-scale wind farms. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 390-403.	1.4	0
96	Input-to-State Stability Based Control of Doubly Fed Wind Generator. IEEE Transactions on Power Systems, 2018, 33, 2949-2961.	6.3	14
97	Comprehensive control strategy of virtual synchronous generator under unbalanced voltage conditions. IET Generation, Transmission and Distribution, 2018, 12, 1621-1630.	2.5	77
98	Distributed Real-Time Economic Dispatch in Smart Grids: A State-Based Potential Game Approach. IEEE Transactions on Smart Grid, 2018, 9, 4194-4208.	8.7	31
99	Robust Coordinated Transmission and Generation Expansion Planning Considering Ramping Requirements and Construction Periods. IEEE Transactions on Power Systems, 2018, 33, 268-280.	6.3	78
100	Towards the Robust Small-Signal Stability Region of Power Systems Under Perturbations Such as Uncertain and Volatile Wind Generation. IEEE Transactions on Power Systems, 2018, 33, 1790-1799.	6.3	33
101	Flexible unbalanced control with peak current limitation for virtual synchronous generator under voltage sags. Journal of Modern Power Systems and Clean Energy, 2018, 6, 61-72.	5.4	31
102	Toward Efficient Cascading Outage Simulation and Probability Analysis in Power Systems. IEEE Transactions on Power Systems, 2018, 33, 2370-2382.	6.3	30
103	Operationally Constrained Optimal Dispatch of Multiple Pulsed Loads in an Isolated Microgrid. , 2018, , .		5
104	Efficient Simulation of Temperature Evolution of Overhead Transmission Lines Based on Analytical Solution and NWP. , 2018, , .		0
105	Consensus-Based Distributed Control for Reactive Power Sharing in Autonomous Microgrid under Communication Noises. , 2018, , .		1
106	Feature Selection Method for Power System Transient Stability Status Prediction Considering Class Imbalanced Characteristic. , 2018, , .		1
107	Distributed Frequency Control with Operational Constraints, Part II: Network Power Balance. , 2018, , .		2
108	Optimal contracts of energy mix in a retail market under asymmetric information. Energy, 2018, 165, 634-650.	8.9	11

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109	A Solar-Assisted Thermal-Assisted Adiabatic Compressed Air Energy Storage System and Its Efficiency Analysis. Applied Sciences (Switzerland), 2018, 8, 1390.	2.6	13
110	Analyzing and validating the economic efficiency of managing a cluster of energy hubs in multi-carrier energy systems. Applied Energy, 2018, 230, 403-416.	10.2	64
111	Functional-Rotation-Based Active Dampers in AC Microgrids With Multiple Parallel Interface Inverters. IEEE Transactions on Industry Applications, 2018, 54, 5206-5215.	4.8	16
112	Resilience Control of DC Shipboard Power Systems. IEEE Transactions on Power Systems, 2018, 33, 6675-6685.	6.3	13
113	Planning Fully Renewable Powered Charging Stations on Highways: A Data-Driven Robust Optimization Approach. IEEE Transactions on Transportation Electrification, 2018, 4, 817-830.	7.5	70
114	On engineering game theory with its application in power systems. Control Theory and Technology, 2017, 15, 1-12.	1.7	51
115	Risk Assessment of Multi-Timescale Cascading Outages Based on Markovian Tree Search. IEEE Transactions on Power Systems, 2017, 32, 2887-2900.	6.3	62
116	ESO-Based Inertia Emulation and Rotor Speed Recovery Control for DFIGs. IEEE Transactions on Energy Conversion, 2017, 32, 1209-1219.	5.0	29
117	A multi-lateral trading model for coupled gas-heat-power energy networks. Applied Energy, 2017, 200, 180-191.	10.2	41
118	Policy Approximation in Policy Iteration Approximate Dynamic Programming for Discrete-Time Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-14.	11.3	23
119	Resilience-Oriented Pre-Hurricane Resource Allocation in Distribution Systems Considering Electric Buses. Proceedings of the IEEE, 2017, 105, 1214-1233.	14.0	180
120	Optimal Power Flow of Radial Networks and Its Variations: A Sequential Convex Optimization Approach. IEEE Transactions on Smart Grid, 2017, 8, 2974-2987.	8.7	86
121	Distributed demand-side energy management scheme in residential smart grids: An ordinal state-based potential game approach. Applied Energy, 2017, 206, 991-1008.	10.2	22
122	Hierarchical energy management for economic operation of micro energy internet systems. , 2017, , .		0
123	Optimal expansion planning of isolated microgrid with renewable energy resources and controllable loads. IET Renewable Power Generation, 2017, 11, 931-940.	3.1	57
124	Speed recovery strategy for the inertia response control of DFIGs: extended state observer based approach. IET Renewable Power Generation, 2017, 11, 1110-1120.	3.1	6
125	Robust Defense Strategy for Gas-Electric Systems Against Malicious Attacks. IEEE Transactions on Power Systems, 2017, 32, 2953-2965.	6.3	130
126	Robust Operation of Distribution Networks Coupled With Urban Transportation Infrastructures. IEEE Transactions on Power Systems, 2017, 32, 2118-2130.	6.3	85

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127	Power system transient stability assessment based on dimension reduction and cost-sensitive ensemble learning. , 2017, , .		15
128	Active damping of multi-paralleled inverters with LCL filters based on virtual harmonic resistance control strategy. , 2017, , .		0
129	Speeding up simulations of cascading blackout in power systems by identifying high influential lines. , 2017, , .		1
130	Experimental study of solar chimney power plant system. , 2017, , .		2
131	Decentralized operation of integrated heat-power energy systems: A market equilibrium based approach. , 2017, , .		0
132	Low carbon economic dispatch for multi-energy distribution network with compressed air energy storage system as energy hub. , 2017, , .		4
133	Robust state estimator based on maximum exponential absolute value. , 2017, , .		1
134	Marketing equilibria of integrated heating and power system considering locational marginal pricing in distribution networks. Journal of Engineering, 2017, 2017, 2609-2614.	1.1	2
135	Invulnerability of power grids based on maximum flow theory. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 977-985.	2.6	17
136	A bilinear robust state estimator. International Transactions on Electrical Energy Systems, 2016, 26, 1476-1492.	2.0	2
137	Key Branches identification for cascading failure based on q-learning algorithm. , 2016, , .		6
138	Consensus control strategy with state predictor for virtual synchronous generators in isolated microgrid. , 2016, , .		6
139	Decentralized optimal frequency control of interconnected power systems with transient constraints. , 2016, , .		7
140	A consensus-based frequency control for photovoltaic connected virtual synchronous generators in microgrid. , 2016, , .		4
141	State feedback exact linearization control of virtual synchronous generator to improve transient performance. , 2016, , .		0
142	Fully distributed optimal power flow for unbalanced distribution networks based on ADMM. , 2016, , .		7
143	Admissible Region of Large-Scale Uncertain Wind Generation Considering Small-Signal Stability of Power Systems. IEEE Transactions on Sustainable Energy, 2016, 7, 1611-1623.	8.5	23
144	Algorithm for local input-to-state stability analysis. IET Control Theory and Applications, 2016, 10, 1556-1564.	2.2	5

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145	A comprehensive consensus-based distributed control strategy for grid-connected PV-VSG. , 2016, , .		7
146	Exponential synchronization of the Kuramoto model with star topology. , 2016, , .		2
147	Selecting the forecast interval of wind generations. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, 126-128.	1.4	1
148	State-based potential game approach for distributed economic dispatch problem in smart grid. , 2016, , .		2
149	Review and prospect of compressed air energy storage system. Journal of Modern Power Systems and Clean Energy, 2016, 4, 529-541.	5.4	119
150	Exponential stabilization and L_2 -gain for uncertain switched nonlinear systems with interval time-varying delay. Mathematical Methods in the Applied Sciences, 2016, 39, 3836-3854.	2.2	11
151	Distributionally Robust Co-Optimization of Energy and Reserve Dispatch. IEEE Transactions on Sustainable Energy, 2016, 7, 289-300.	8.5	169
152	Convexification of the Nash Bargaining Based Environmental-Economic Dispatch. IEEE Transactions on Power Systems, 2016, 31, 5208-5209.	6.3	23
153	Risk-Based Admissibility Assessment of Wind Generation Integrated into a Bulk Power System. IEEE Transactions on Sustainable Energy, 2016, 7, 325-336.	8.5	81
154	Local Input to State Stability Based Stability Criterion With Applications to Isolated Power Systems. IEEE Transactions on Power Systems, 2016, 31, 5094-5105.	6.3	17
155	Dispatchability Maximization for Co-Optimized Energy and Reserve Dispatch With Explicit Reliability Guarantee. IEEE Transactions on Power Systems, 2016, 31, 3276-3288.	6.3	26
156	A Multi-Timescale Quasi-Dynamic Model for Simulation of Cascading Outages. IEEE Transactions on Power Systems, 2016, 31, 3189-3201.	6.3	71
157	Stability analysis and observer design for discrete-time systems with interval time-varying delay. Optimal Control Applications and Methods, 2016, 37, 340-358.	2.1	7
158	Offering Non-Dominated Strategies Under Uncertain Market Prices. IEEE Transactions on Power Systems, 2015, 30, 2820-2821.	6.3	13
159	Real-Time Dispatchability of Bulk Power Systems With Volatile Renewable Generations. IEEE Transactions on Sustainable Energy, 2015, 6, 738-747.	8.5	39
160	An integrated control and protection system for photovoltaic microgrids. CSEE Journal of Power and Energy Systems, 2015, 1, 36-42.	1.1	62
161	Error bound analysis of policy iteration based approximate dynamic programming for deterministic discrete-time nonlinear systems. , 2015, , .		2
162	Stability analysis of the hybrid dynamics coupling power systems with power markets. , 2015, , .		0

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163	AC-constrained economic dispatch in radial power networks considering both continuous and discrete controllable devices. , 2015, , .		3
164	Approximate dynamic programming based supplementary reactive power control for DFIG wind farm to enhance power system stability. Neurocomputing, 2015, 170, 417-427.	6.0	34
165	Modeling and analysis of stochastic AC-OPF based on SDP relaxation technique. , 2015, , .		3
166	Nash Bargain and Complementarity Approach Based Environmental/Economic Dispatch. IEEE Transactions on Power Systems, 2015, 30, 1548-1549.	6.3	24
167	Design and engineering implementation of non-supplementary fired compressed air energy storage system: TICC-500. Science China Technological Sciences, 2015, 58, 600-611.	4.0	95
168	Distributed economic automatic generation control: A game theoretic perspective. , 2015, , .		2
169	Optimal reactive power flow with exact linearized transformer model in distribution power networks. , 2015, , .		7
170	Robust small-signal stability region of power systems considering uncertain wind generation. , 2015, , .		6
171	Robust Energy and Reserve Dispatch Under Variable Renewable Generation. IEEE Transactions on Smart Grid, 2015, 6, 369-380.	8.7	172
172	Dispatchable Region of the Variable Wind Generation. IEEE Transactions on Power Systems, 2015, 30, 2755-2765.	6.3	70
173	An Interaction Model for Simulation and Mitigation of Cascading Failures. IEEE Transactions on Power Systems, 2015, 30, 804-819.	6.3	138
174	Online adaptation of controller parameters based on approximate dynamic programming. , 2014, , .		0
175	Modeling and analysis of unit commitment considering RCAES system. , 2014, , .		3
176	Policy iteration approximate dynamic programming using Volterra series based actor. , 2014, , .		3
177	Taxing Strategies for Carbon Emissions: A Bilevel Optimization Approach. Energies, 2014, 7, 2228-2245.	3.1	30
178	A novel evaluation method for power grid evolution with economy and security constraints. , 2014, , .		2
179	Coordinating control for a wind-hydro-storage system considering the constraint of SOC. , 2014, , .		0
180	Cascading failure model of AC-DC system and blackout mechanism analysis. , 2014, , .		10

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181	Impact quantification of hypothesized attack scenarios on bus differential relays. , 2014, , .		12
182	Integrating an Improved Averaged Model for PWM Converters Into EMTP. IEEE Transactions on Power Delivery, 2014, 29, 291-293.	4.2	10
183	Online and model-free supplementary learning control based on approximate dynamic programming. , 2014, , .		1
184	Optimal capacity configuration method of distributed compressed air energy storage in wind farm. , 2014, , .		1
185	Blackout model for hybrid AC/DC power system. , 2014, , .		0
186	The impact of key parameters on the cycle efficiency of multi-stage RCAES system. Journal of Modern Power Systems and Clean Energy, 2014, 2, 422-430.	5.4	11
187	Thermal-wind-storage joint operation of power system considering pumped storage and distributed compressed air energy storage. , 2014, , .		6
188	Cascading outage preventive control for large-scale AC-DC interconnected power grid. , 2014, , .		9
189	Robust Optimization of Static Reserve Planning With Large-Scale Integration of Wind Power: A Game Theoretic Approach. IEEE Transactions on Sustainable Energy, 2014, 5, 535-545.	8.5	42
190	An improved OPA model in power system considering planning. , 2014, , .		2
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