Shengwei Mei

List of Publications by Year
in descending order

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300 papers	6,337 citations	61984 43 h-index	95266 68 g-index
303 all docs	303 docs citations	303 times ranked	4072 citing authors

#	Article	IF	Citations
1	An Improved OPA Model and Blackout Risk Assessment. IEEE Transactions on Power Systems, 2009, 24, 814-823.	6.5	199
2	Resilience-Oriented Pre-Hurricane Resource Allocation in Distribution Systems Considering Electric Buses. Proceedings of the IEEE, 2017, 105, 1214-1233.	21.3	180
3	Participation of an Energy Hub in Electricity and Heat Distribution Markets: An MPEC Approach. IEEE Transactions on Smart Grid, 2019, 10, 3641-3653.	9.0	178
4	Robust Energy and Reserve Dispatch Under Variable Renewable Generation. IEEE Transactions on Smart Grid, 2015, 6, 369-380.	9.0	172
5	Distributionally Robust Co-Optimization of Energy and Reserve Dispatch. IEEE Transactions on Sustainable Energy, 2016, 7, 289-300.	8.8	169
6	An Interaction Model for Simulation and Mitigation of Cascading Failures. IEEE Transactions on Power Systems, 2015, 30, 804-819.	6.5	138
7	Robust Defense Strategy for Gasâ€“Electric Systems Against Malicious Attacks. IEEE Transactions on Power Systems, 2017, 32, 2953-2965.	6.5	130
8	A Study of Self-Organized Criticality of Power System Under Cascading Failures Based on AC-OPF With Voltage Stability Margin. IEEE Transactions on Power Systems, 2008, 23, 1719-1726.	6.5	126
9	Review and prospect of compressed air energy storage system. Journal of Modern Power Systems and Clean Energy, 2016, 4, 529-541.	5.4	119
10	Optimal Power Flow in Stand-Alone DC Microgrids. IEEE Transactions on Power Systems, 2018, 33, 5496-5506.	6.5	115
11	Decentralized Operation of Interdependent Power Distribution Network and District Heating Network: A Market-Driven Approach. IEEE Transactions on Smart Grid, 2019, 10, 5374-5385.	9.0	105
12	Energy Trading and Market Equilibrium in Integrated Heat-Power Distribution Systems. IEEE Transactions on Smart Grid, 2019, 10, 4080-4094.	9.0	103
13	Nonlinear decentralized controller design for multimachine power systems using Hamiltonian function method. Automatica, 2002, 38, 527-534.	5.0	100
14	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
15	Game Approaches for Hybrid Power System Planning. IEEE Transactions on Sustainable Energy, 2012, 3, 506-517.	8.8	94
16	Adaptive nonlinear excitation control with L2 disturbance attenuation for power systems. Automatica, 2003, 39, 81-89.	5.0	92
17	Nonlinear decentralized disturbance attenuation excitation control via new recursive design for multi-machine power systems. IEEE Transactions on Power Systems, 2001, 16, 729-736.	6.5	87
18	Optimal Power Flow of Radial Networks and Its Variations: A Sequential Convex Optimization Approach. IEEE Transactions on Smart Grid, 2017, 8, 2974-2987.	9.0	86

#	Article	IF	Citations
19	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.	8.8	86
20	Power Grid Complexity. , 2011, , .		85
21	Robust Operation of Distribution Networks Coupled With Urban Transportation Infrastructures. IEEE Transactions on Power Systems, 2017, 32, 2118-2130.	6.5	85
22	Detecting False Data Injection Attacks Against Power System State Estimation With Fast Go-Decomposition Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 2892-2904.	11.3	83
23	Risk-Based Admissibility Assessment of Wind Generation Integrated into a Bulk Power System. IEEE Transactions on Sustainable Energy, 2016, 7, 325-336.	8.8	81
24	Robust Coordinated Transmission and Generation Expansion Planning Considering Ramping Requirements and Construction Periods. IEEE Transactions on Power Systems, 2018, 33, 268-280.	6.5	78
25	Comprehensive control strategy of virtual synchronous generator under unbalanced voltage conditions. IET Generation, Transmission and Distribution, 2018, 12, 1621-1630.	2.5	77
26	A Multi-Timescale Quasi-Dynamic Model for Simulation of Cascading Outages. IEEE Transactions on Power Systems, 2016, 31, 3189-3201.	6.5	71
27	Dispatchable Region of the Variable Wind Generation. IEEE Transactions on Power Systems, 2015, 30, 2755-2765.	6.5	70
28	Planning Fully Renewable Powered Charging Stations on Highways: A Data-Driven Robust Optimization Approach. IEEE Transactions on Transportation Electrification, 2018, 4, 817-830.	7.8	70
29	Blackout Model Considering Slow Process. IEEE Transactions on Power Systems, 2013, 28, 3274-3282.	6.5	66
30	Analyzing and validating the economic efficiency of managing a cluster of energy hubs in multi-carrier energy systems. Applied Energy, 2018, 230, 403-416.	10.1	64
31	An integrated control and protection system for photovoltaic microgrids. CSEE Journal of Power and Energy Systems, 2015, 1, 36-42.	1.1	62
32	Risk Assessment of Multi-Timescale Cascading Outages Based on Markovian Tree Search. IEEE Transactions on Power Systems, 2017, 32, 2887-2900.	6.5	62
33	Energy Trading and Market Equilibrium in Integrated Heat-Power Distribution Systems. , 2019, , .		62
34	Adaptive L₂ Disturbance Attenuation Of Hamiltonian Systems With Parametric Perturbation And Application To Power Systems. Asian Journal of Control, 2003, 5, 143-152.	3.0	61
35	Impact of Energy Storage on Renewable Energy Utilization: A Geometric Description. IEEE Transactions on Sustainable Energy, 2021, 12, 874-885.	8.8	61
36	Fast Screening of Vulnerable Transmission Lines in Power Grids: A PageRank-Based Approach. IEEE Transactions on Smart Grid, 2019, 10, 1982-1991.	9.0	59

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37	Optimal expansion planning of isolated microgrid with renewable energy resources and controllable loads. IET Renewable Power Generation, 2017, 11, 931-940.	3.1	57
38	Optimal Service Pricing and Charging Scheduling of an Electric Vehicle Sharing System. IEEE Transactions on Vehicular Technology, 2020, 69, 78-89.	6.3	55
39	Towards Estimating the Statistics of Simulated Cascades of Outages With Branching Processes. IEEE Transactions on Power Systems, 2013, 28, 3410-3419.	6.5	54
40	An Energy Sharing Game With Generalized Demand Bidding: Model and Properties. IEEE Transactions on Smart Grid, 2020, 11, 2055-2066.	9.0	54
41	On engineering game theory with its application in power systems. Control Theory and Technology, 2017, 15, 1-12.	1.6	51
42	Unified Distributed Control of Stand-Alone DC Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 1013-1024.	9.0	51
43	Distributed Frequency Control With Operational Constraints, Part I: Per-Node Power Balance. IEEE Transactions on Smart Grid, 2019, 10, 40-52.	9.0	50
44	Power System Dynamic Security Region and Its Approximations. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2006, 53, 2849-2859.	0.1	47
45	Resilient Restoration of Distribution Systems in Coordination With Electric Bus Scheduling. IEEE Transactions on Smart Grid, 2021, 12, 3314-3325.	9.0	47
46	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.	8.8	42
47	A multi-lateral trading model for coupled gas-heat-power energy networks. Applied Energy, 2017, 200, 180-191.	10.1	41
48	Distributed Frequency Control With Operational Constraints, Part II: Network Power Balance. IEEE Transactions on Smart Grid, 2019, 10, 53-64.	9.0	40
49	Real-Time Dispatchability of Bulk Power Systems With Volatile Renewable Generations. IEEE Transactions on Sustainable Energy, 2015, 6, 738-747.	8.8	39
50	Failure analysis on China power grid based on power law. Journal of Control Theory and Applications, 2006, 4, 235-238.	0.8	35
51	Modeling and dispatch of advanced adiabatic compressed air energy storage under wide operating range in distribution systems with renewable generation. Energy, 2020, 206, 118051.	8.8	35
52	Approximate dynamic programming based supplementary reactive power control for DFIG wind farm to enhance power system stability. Neurocomputing, 2015, 170, 417-427.	5.9	34
53	Routing and Scheduling of Electric Buses for Resilient Restoration of Distribution System. IEEE Transactions on Transportation Electrification, 2021, 7, 2414-2428.	7.8	34
54	Geometric structure of generalized controlled Hamiltonian systems and its application. Science in China Series D: Earth Sciences, 2000, 43, 365-379.	0.9	33

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55	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.	6.5	33
56	Distributed Real-Time Economic Dispatch in Smart Grids: A State-Based Potential Game Approach. IEEE Transactions on Smart Grid, 2018, 9, 4194-4208.	9.0	31
57	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
58	Quadratic form of stable sub-manifold for power systems. International Journal of Robust and Nonlinear Control, 2004, 14, 773-788.	3.7	30
59	Taxing Strategies for Carbon Emissions: A Bilevel Optimization Approach. Energies, 2014, 7, 2228-2245.	3.1	30
60	Toward Efficient Cascading Outage Simulation and Probability Analysis in Power Systems. IEEE Transactions on Power Systems, 2018, 33, 2370-2382.	6.5	30
61	Stability Region of Droop-Controlled Distributed Generation in Autonomous Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 2288-2300.	9.0	30
62	ESO-Based Inertia Emulation and Rotor Speed Recovery Control for DFIGs. IEEE Transactions on Energy Conversion, 2017, 32, 1209-1219.	5.2	29
63	Dynamic Available Transfer Capability (ATC) Evaluation by Dynamic Constrained Optimization. IEEE Transactions on Power Systems, 2004, 19, 1240-1242.	6.5	27
64	Distributed Optimal Frequency Control Considering a Nonlinear Network-Preserving Model. IEEE Transactions on Power Systems, 2019, 34, 76-86.	6.5	27
65	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.	6.5	27
66	Dispatchability Maximization for Co-Optimized Energy and Reserve Dispatch With Explicit Reliability Guarantee. IEEE Transactions on Power Systems, 2016, 31, 3276-3288.	6.5	26
67	Resilient Active Power Sharing in Autonomous Microgrids Using Pinning-Consensus-Based Distributed Control. IEEE Transactions on Smart Grid, 2019, 10, 6802-6811.	9.0	26
68	Nash Bargain and Complementarity Approach Based Environmental/Economic Dispatch. IEEE Transactions on Power Systems, 2015, 30, 1548-1549.	6.5	24
69	Interdependence of electricity and heat distribution systems coupled by an AAâ€CAESâ€based energy hub. IET Renewable Power Generation, 2020, 14, 399-407.	3.1	24
70	Admissible Region of Large-Scale Uncertain Wind Generation Considering Small-Signal Stability of Power Systems. IEEE Transactions on Sustainable Energy, 2016, 7, 1611-1623.	8.8	23
71	Convexification of the Nash Bargaining Based Environmental-Economic Dispatch. IEEE Transactions on Power Systems, 2016, 31, 5208-5209.	6.5	23
72	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

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73	Thermodynamic Analysis of a Hybrid Power System Combining Kalina Cycle with Liquid Air Energy Storage. Entropy, 2019, 21, 220.	2.2	23
74	Operation of Distribution Network Considering Compressed Air Energy Storage Unit and Its Reactive Power Support Capability. IEEE Transactions on Smart Grid, 2020, 11, 2954-2965.	9.0	23
75	Two-level unit commitment and reserve level adjustment considering large-scale wind power integration. International Transactions on Electrical Energy Systems, 2014, 24, 1726-1746.	1.9	22
76	Distributed demand-side energy management scheme in residential smart grids: An ordinal state-based potential game approach. Applied Energy, 2017, 206, 991-1008.	10.1	22
77	Approaching Prosumer Social Optimum via Energy Sharing With Proof of Convergence. IEEE Transactions on Smart Grid, 2021, 12, 2484-2495.	9.0	21
78	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.	9.2	21
79	Incorporating approximate dynamic programming-based parameter tuning into PD-type virtual inertia control of DFIGs. , 2013, , .		20
80	Pattern Analysis of Topological Attacks in Cyber-Physical Power Systems Considering Cascading Outages. IEEE Access, 2020, 8, 134257-134267.	4.2	20
81	M2GSNet: Multi-Modal Multi-Task Graph Spatiotemporal Network for Ultra-Short-Term Wind Farm Cluster Power Prediction. Applied Sciences (Switzerland), 2020, 10, 7915.	2.5	20
82	A Seidel-Type Recursive Bayesian Approach and Its Applications to Power Systems. IEEE Transactions on Power Systems, 2012, 27, 1710-1711.	6.5	18
83	Online Periodic Coordination of Multiple Pulsed Loads on All-Electric Ships. IEEE Transactions on Power Systems, 2020, 35, 2658-2669.	6.5	18
84	Optimal bidding and scheduling of AA-CAES based energy hub considering cascaded consumption of heat. Energy, 2021, 233, 121133.	8.8	18
85	Sizing Renewable Generation and Energy Storage in Stand-Alone Microgrids Considering Distributionally Robust Shortfall Risk. IEEE Transactions on Power Systems, 2022, 37, 4054-4066.	6.5	18
86	Guaranteed state estimation of power system via interval constraints propagation. IET Generation, Transmission and Distribution, 2013, 7, 138-144.	2.5	17
87	Invulnerability of power grids based on maximum flow theory. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 977-985.	2.6	17
88	Local Input to State Stability Based Stability Criterion With Applications to Isolated Power Systems. IEEE Transactions on Power Systems, 2016, 31, 5094-5105.	6.5	17
89	Distributed load-side control: Coping with variation of renewable generations. Automatica, 2019, 109, 108556.	5.0	17
90	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.	3.4	17

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91	Cyber-Physical Coordinated Risk Mitigation in Smart Grids Based on Attack-Defense Game. IEEE Transactions on Power Systems, 2022, 37, 530-542.	6.5	17
92	Management of Cascading Outage Risk Based on Risk Gradient and Markovian Tree Search. IEEE Transactions on Power Systems, 2018, 33, 4050-4060.	6.5	16
93	Functional-Rotation-Based Active Dampers in AC Microgrids With Multiple Parallel Interface Inverters. IEEE Transactions on Industry Applications, 2018, 54, 5206-5215.	4.9	16
94	Quantitative shortâ€term voltage stability analysis of power systems integrated with DFIGâ€based wind farms. IET Generation, Transmission and Distribution, 2020, 14, 4264-4272.	2.5	16
95	Sizing energy storage to reduce renewable power curtailment considering network power flows: a distributionally robust optimisation approach. IET Renewable Power Generation, 2020, 14, 3273-3280.	3.1	16
96	Recursive design of nonlinearH â^ž excitation controller. Science in China Series D: Earth Sciences, 2000, 43, 23-31.	0.9	15
97	Power system transient stability assessment based on dimension reduction and cost-sensitive ensemble learning. , 2017, , .		15
98	Dispatchable Generation of a Novel Compressed-Air Assisted Wind Turbine and Its Operation Mechanism. IEEE Transactions on Sustainable Energy, 2019, 10, 2201-2210.	8.8	15
99	Asynchronous Distributed Power Control of Multimicrogrid Systems. IEEE Transactions on Control of Network Systems, 2020, 7, 1960-1973.	3.7	15
100	Distributed Finite-Time Secondary Frequency Control of Islanded Microgrids With Enhanced Operational Flexibility. IEEE Transactions on Energy Conversion, 2021, 36, 1733-1742.	5.2	15
101	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.	8.8	15
102	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
103	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.	9.0	15
104	On power system blackout modeling and analysis based on self-organized criticality. Science in China Series D: Earth Sciences, 2008, 51, 209-219.	0.9	14
105	Approximate dynamic programming for continuous state and control problems. , 2009, , .		14
106	Exponential stabilization of nonlinear uncertain systems with time-varying delay. Journal of Engineering Mathematics, 2012, 77, 225-237.	1.2	14
107	Input-to-State Stability Based Control of Doubly Fed Wind Generator. IEEE Transactions on Power Systems, 2018, 33, 2949-2961.	6.5	14
108	Region-Based Stability Analysis for Active Dampers in AC Microgrids. IEEE Transactions on Industry Applications, 2019, 55, 7671-7682.	4.9	14

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109	Modelling and experimental validation of advanced adiabatic compressed air energy storage with offâ€design heat exchanger. IET Renewable Power Generation, 2020, 14, 389-398.	3.1	14
110	Quadratic stabilization of switched nonlinear systems. Science in China Series F: Information Sciences, 2009, 52, 999-1006.	1.1	13
111	Estimation of LISS (local input-to-state stability) properties for nonlinear systems. Science China Technological Sciences, 2010, 53, 909-917.	4.0	13
112	Recent advances on smart grid technology and renewable energy integration. Science China Technological Sciences, 2013, 56, 3040-3048.	4.0	13
113	Offering Non-Dominated Strategies Under Uncertain Market Prices. IEEE Transactions on Power Systems, 2015, 30, 2820-2821.	6.5	13
114	A Solarâ€“Thermal-Assisted Adiabatic Compressed Air Energy Storage System and Its Efficiency Analysis. Applied Sciences (Switzerland), 2018, 8, 1390.	2.5	13
115	Resilience Control of DC Shipboard Power Systems. IEEE Transactions on Power Systems, 2018, 33, 6675-6685.	6.5	13
116	Dynamic extending nonlinear Hâˆž control and its application to hydraulic turbine governor. Science in China Series D: Earth Sciences, 2007, 50, 618-635.	0.9	12
117	Advanced EMS and its trial operation in Shanghai power system. Science in China Series D: Earth Sciences, 2008, 51, 220-224.	0.9	12
118	Impact quantification of hypothesized attack scenarios on bus differential relays. , 2014, , .		12
119	A Two-Stage Feature Selection Method for Power System Transient Stability Status Prediction. Energies, 2019, 12, 689.	3.1	12
120	Ultraâ€shortâ€term irradiance forecasting model based on groundâ€based cloud image and deep learning algorithm. IET Renewable Power Generation, 2022, 16, 2604-2616.	3.1	12
121	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.	6.5	12
122	Optimal Energy Management of a Residential Prosumer: A Robust Data-Driven Dynamic Programming Approach. IEEE Systems Journal, 2022, 16, 1548-1557.	4.6	12
123	Co-ordinatedHâˆž control of excitation and governor of hydroturbo-generator sets: a Hamiltonian approach. International Journal of Robust and Nonlinear Control, 2004, 14, 807-832.	3.7	11
124	Hybrid Power Control System and Its Application. , 2006, , .		11
125	Game theoretical scheduling of modern power systems with large-scale wind power integration. , 2012, , .		11
126	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

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127	Exponential stabilization and L₂â€gain for uncertain switched nonlinear systems with interval timeâ€varying delay. Mathematical Methods in the Applied Sciences, 2016, 39, 3836-3854.	2.3	11
128	Quantifying the Influence of Component Failure Probability on Cascading Blackout Risk. IEEE Transactions on Power Systems, 2018, 33, 5671-5681.	6.5	11
129	Optimal contracts of energy mix in a retail market under asymmetric information. Energy, 2018, 165, 634-650.	8.8	11
130	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.	11.3	11
131	Field experiments of NR-PSS for large synchronous generators on a 300MW machine in Baishan Hydro Plant. Science in China Series D: Earth Sciences, 2007, 50, 516-520.	0.9	10
132	NR-PSS (Nonlinear Robust Power System Stabilizer) for large synchronous generators and its large disturbance experiments on real time digital simulator. Science in China Series D: Earth Sciences, 2008, 51, 337-352.	0.9	10
133	Polynomial approximation of the small-signal stability region boundaries and its credible region in high-dimensional parameter space. International Transactions on Electrical Energy Systems, 2013, 23, 784-801.	1.9	10
134	Cascading failure model of AC-DC system and blackout mechanism analysis. , 2014, , .		10
135	Integrating an Improved Averaged Model for PWM Converters Into EMTP. IEEE Transactions on Power Delivery, 2014, 29, 291-293.	4.3	10
136	Parametric Distribution Optimal Power Flow With Variable Renewable Generation. IEEE Transactions on Power Systems, 2022, 37, 1831-1841.	6.5	10
137	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
138	Electricity-Heat-Hydrogen Modeling of Hydrogen Storage System Considering Off-Design Characteristics. IEEE Access, 2021, 9, 156768-156777.	4.2	10
139	Nonlinear disturbance attenuation control for STATCOM. , 0, , .		9
140	LPV modelling and gain-scheduled control approach for the transient stabilization of power systems. , 2009, , .		9
141	LPV Modelling and Gainâ€Scheduled Control Approach for the Transient Stabilization of Power Systems. IEEJ Transactions on Electrical and Electronic Engineering, 2010, 5, 87-95.	1.4	9
142	On expansion of estimated stability region: Theory, methodology, and application to power systems. Science China Technological Sciences, 2011, 54, 1394-1406.	4.0	9
143	Power system blackout model with transient constraints and its criticality. European Transactions on Electrical Power, 2011, 21, 59-69.	1.0	9
144	Cascading outage preventive control for large-scale AC-DC interconnected power grid. , 2014, , .		9

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145	Approximate dynamic programming based supplementary frequency control of thermal generators in power systems with large-scale renewable generation integration. , 2014, , .		9
146	Graphical Evolutionary Game Model of Virus-Based Intrusion to Power System for Long-Term Cyber-Security Risk Evaluation. IEEE Access, 2019, 7, 178605-178617.	4.2	9
147	Hamiltonian realization of power system dynamic models and its applications. Science in China Series D: Earth Sciences, 2008, 51, 735-750.	0.9	8
148	Analyzing and Quantifying the Intrinsic Distributional Robustness of CVaR Reformulation for Chance-Constrained Stochastic Programs. IEEE Transactions on Power Systems, 2020, 35, 4908-4911.	6.5	8
149	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.	2.3	8
150	A new transient stability index of power systems based on theory of stability region and its applications. , 2006, , .		7
151	A new transient stability margin based on dynamic security region and its applications. Science in China Series D: Earth Sciences, 2008, 51, 751-760.	0.9	7
152	Direct heuristic dynamic programming with augmented states. , 2011, , .		7
153	Optimal reactive power flow with exact linearized transformer model in distribution power networks. , 2015, , .		7
154	Decentralized optimal frequency control of interconnected power systems with transient constraints. , 2016, , .		7
155	Fully distributed optimal power flow for unbalanced distribution networks based on ADMM. , 2016, , .		7
156	A comprehensive consensus-based distributed control strategy for grid-connected PV-VSG. , 2016, , .		7
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	A Data Segmentation-Based Ensemble Classification Method for Power System Transient Stability Status Prediction with Imbalanced Data. Applied Sciences (Switzerland), 2019, 9, 4216.	2.5	7
159	The Value and Optimal Sizes of Energy Storage Units in Solar-Assist Cogeneration Energy Hubs. Applied Sciences (Switzerland), 2020, 10, 4994.	2.5	7
160	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.	3.4	7
161	Multi-mode optimal operation of advanced adiabatic compressed air energy storage: Explore its value with condenser operation. Energy, 2022, 248, 123600.	8.8	7
162	Robust nonlinear excitation control with L/sub 2/ disturbance attenuation for power systems. , 0, , .		6

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163	Comparison of the linear approximations for the dynamic security region of network-reduction power systems. , 2006, , .		6
164	Blackout prevention: Managing complexity with technology. , 2008, , .		6
165	A comprehensive method to compute the controlling unstable equilibrium point. , 2008, , .		6
166	Robust economic dispatch considering renewable generation. , 2011, , .		6
167	Multi-level multi-area hybrid automatic voltage control system and its trial operation in Northeast China Grid. Science China Technological Sciences, 2011, 54, 2501-2505.	4.0	6
168	Novel Stability Criteria of Nonlinear Uncertain Systems with Time-Varying Delay. Abstract and Applied Analysis, 2011, 2011, 1-16.	0.7	6
169	Maximum exponential absolute value approach for robust state estimation. , 2012, , .		6
170	Thermal-wind-storage joint operation of power system considering pumped storage and distributed compressed air energy storage. , 2014, , .		6
171	Reactive power control of DFIG wind farm using online supplementary learning controller based on approximate dynamic programming. , 2014, , .		6
172	Robust small-signal stability region of power systems considering uncertain wind generation. , 2015, , .		6
173	Key Branches identification for cascading failure based on q-learning algorithm. , 2016, , .		6
174	Consensus control strategy with state predictor for virtual synchronous generators in isolated microgrid. , 2016, , .		6
175	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
176	Observer design for neutralâ€type neural networks with discrete and distributed timeâ€varying delays. International Journal of Adaptive Control and Signal Processing, 2019, 33, 527-544.	4.1	6
177	Distribution Optimal Power Flow With Energy Sharing Via a Peer-To-Peer Transactive Market. Frontiers in Energy Research, 2021, 9, .	2.3	6
178	Admissible Region of Renewable Generation Ensuring Power Flow Solvability in Distribution Networks. IEEE Systems Journal, 2022, 16, 3982-3992.	4.6	6
179	Nonlinear disturbance attenuation control for four-leg active power filter based on voltage source inverter. Journal of Control Theory and Applications, 2006, 4, 261-266.	0.8	5
180	Hybrid automatic voltage control strategy and its application to Northeast China 500â€‰kV power grid. European Transactions on Electrical Power, 2009, 19, 355-367.	1.0	5

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181	Dynamic simulation based on Jacobian-free Newton-GMRES methods with adaptive preconditioner for power systems. Science China Technological Sciences, 2013, 56, 2037-2045.	4.0	5
182	Algorithm for local inputâ€toâ€state stability analysis. IET Control Theory and Applications, 2016, 10, 1556-1564.	2.1	5
183	Operationally Constrained Optimal Dispatch of Multiple Pulsed Loads in an Isolated Microgrid. , 2018, , .		5
184	Enhancement in photoelectric performance of dye-sensitized solar cells with inverted pyramid structures based on nanoimprint lithography. AIP Advances, 2021, 11, .	1.3	5
185	Study on passivity-based control of TCSC. , 0, , .		4
186	Application of GUPFC in China's Sichuan power grid - modeling, control strategy and case study. , 0, , .		4
187	Analysis of Transient Voltage Stability via Quadratic Approximation Method. , 2006, , .		4
188	Global asymptotic stabilisation of non-linear systems. International Journal of Control, 2009, 82, 279-286.	1.9	4
189	Input-to-output stability analysis of interconnecting microgrids. , 2011, , .		4
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