Wenchuan Wu

List of Publications by Year
in descending order

189 papers	6,162 citations	53794 45 h-index	76900 74 g-index
189 all docs	189 docs citations	189 times ranked	3494 citing authors

#	Article	IF	Citations
1	A Scenario-Oriented Approach to Energy-Reserve Joint Procurement and Pricing. IEEE Transactions on Power Systems, 2023, 38, 411-426.	6.5	7
2	Asynchronous Decomposition Method for the Coordinated Operation of Virtual Power Plants. IEEE Transactions on Power Systems, 2023, 38, 767-782.	6.5	7
3	Bi-Level Off-Policy Reinforcement Learning for Two-Timescale Volt/VAR Control in Active Distribution Networks. IEEE Transactions on Power Systems, 2023, 38, 385-395.	6.5	10
4	A Bi-Level Consensus ADMM-Based Fully Distributed Inverter-Based Volt/Var Control Method for Active Distribution Networks. IEEE Transactions on Power Systems, 2022, 37, 476-487.	6.5	4
5	Coordinated Heat and Power Dispatch Considering Mutual Benefit and Mutual Trust: A Multi-party Perspective. IEEE Transactions on Sustainable Energy, 2022, 13, 251-264.	8.8	7
6	Tractable Reformulation of Two-Side Chance-Constrained Economic Dispatch. IEEE Transactions on Power Systems, 2022, 37, 796-799.	6.5	6
7	Tractable Convex Approximations for Distributionally Robust Joint Chance-Constrained Optimal Power Flow Under Uncertainty. IEEE Transactions on Power Systems, 2022, 37, 1927-1941.	6.5	18
8	Data-Driven Model Predictive Control Method for Wind Farms to Provide Frequency Support. IEEE Transactions on Energy Conversion, 2022, 37, 1304-1313.	5.2	14
9	Data-Driven Piecewise Linearization for Distribution Three-Phase Stochastic Power Flow. IEEE Transactions on Smart Grid, 2022, 13, 1035-1048.	9.0	16
10	Robust Data-Driven and Fully Distributed Volt/VAR Control for Active Distribution Networks With Multiple Virtual Power Plants. IEEE Transactions on Smart Grid, 2022, 13, 2627-2638.	9.0	15
11	Federated Reinforcement Learning for Decentralized Voltage Control in Distribution Networks. IEEE Transactions on Smart Grid, 2022, 13, 3840-3843.	9.0	25
12	Coordination of Electricity and Natural Gas Systems: An Incentive-Compatible Mutual Trust Solution. IEEE Transactions on Power Systems, 2021, 36, 2491-2502.	6.5	8
13	Loss of Life Estimation of Distribution Transformers Considering Corrupted AMI Data Recovery and Field Verification. IEEE Transactions on Power Delivery, 2021, 36, 180-190.	4.3	6
14	Model-Free Voltage Control for Inverter-Based Energy Resources: Algorithm, Simulation and Field Test Verification. IEEE Transactions on Energy Conversion, 2021, 36, 1207-1215.	5.2	6
15	Two-Stage Deep Reinforcement Learning for Inverter-Based Volt-VAR Control in Active Distribution Networks. IEEE Transactions on Smart Grid, 2021, 12, 2037-2047.	9.0	52
16	A Reliability-Constrained Expansion Planning Model for Mesh Distribution Networks. IEEE Transactions on Power Systems, 2021, 36, 948-960.	6.5	46
17	Chance-Constrained Economic Dispatch Considering Curtailment Strategy of Renewable Energy. IEEE Transactions on Power Systems, 2021, 36, 5792-5802.	6.5	31
18	Optimal Decomposition of Stochastic Dispatch Schedule for Renewable Energy Cluster. Journal of Modern Power Systems and Clean Energy, 2021, 9, 711-719.	5.4	9

#	Article	IF	Citations
19	Improving Flexibility for Microgrids by Coordinated Optimization of Electricity and Steam Networks. IEEE Transactions on Sustainable Energy, 2021, 12, 314-324.	8.8	11
20	Aggregate Flexibility of Virtual Power Plants With Temporal Coupling Constraints. IEEE Transactions on Smart Grid, 2021, 12, 5043-5051.	9.0	62
21	Analytical solution of stochastic realâ€time dispatch incorporating wind power uncertainty characterized by Cauchy distribution. IET Renewable Power Generation, 2021, 15, 2286-2301.	3.1	7
22	A Non-Iterative Decoupled Solution for Robust Integrated Electricity-Heat Scheduling Based on Network Reduction. IEEE Transactions on Sustainable Energy, 2021, 12, 1473-1488.	8.8	18
23	A Linear Branch Flow Model for Radial Distribution Networks and Its Application to Reactive Power Optimization and Network Reconfiguration. IEEE Transactions on Smart Grid, 2021, 12, 2027-2036.	9.0	27
24	Online Multi-Agent Reinforcement Learning for Decentralized Inverter-Based Volt-VAR Control. IEEE Transactions on Smart Grid, 2021, 12, 2980-2990.	9.0	50
25	Iterative relaxation solution for AC optimal transmission network reconfiguration considering bus splitting. IET Generation, Transmission and Distribution, 2021, 15, 3204.	2.5	4
26	Interval Distribution Power Flow With Relative-Distance-Measure Arithmetic. IEEE Transactions on Smart Grid, 2021, 12, 3858-3867.	9.0	4
27	Optimal Aggregation Approach for Virtual Power Plant Considering Network Reconfiguration. Journal of Modern Power Systems and Clean Energy, 2021, 9, 495-501.	5.4	10
28	Linear Programming Contractor for Interval Distribution State Estimation Using RDM Arithmetic. IEEE Transactions on Power Systems, 2021, 36, 2114-2126.	6.5	10
29	Study on Decision Rule in Stochastic Economic Dispatch Considering Uncertainties of Renewable Energy and Power Load. , 2021, , .		1
30	MIQP Reformulation and Reliable Solution of Stochastic Economic Dispatch. , 2021, , .		0
31	Evaluating Stochastic Flexibility Model of Vehicle Charge Stations in Distribution Network. , 2021, , .		0
32	Feedback-based Optimal Dispatch for Virtual Power Plants in Active Distribution Networks. , 2021, , .		0
33	A Non-Iterative Decoupled Solution of the Coordinated Robust OPF in Transmission and Distribution Networks With Variable Generating Units. IEEE Transactions on Sustainable Energy, 2020, 11, 1579-1588.	8.8	17
34	A Multi-Time-Scale Economic Scheduling Strategy for Virtual Power Plant Based on Deferrable Loads Aggregation and Disaggregation. IEEE Transactions on Sustainable Energy, 2020, 11, 1332-1346.	8.8	108
35	Analytical Reliability Assessment Method for Complex Distribution Networks Considering Post-Fault Network Reconfiguration. IEEE Transactions on Power Systems, 2020, 35, 1457-1467.	6.5	78
36	Joint Commitment of Generation Units and Heat Exchange Stations for Combined Heat and Power Systems. IEEE Transactions on Sustainable Energy, 2020, 11, 1118-1127.	8.8	33

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37	Decentralized Robust State Estimation of Active Distribution Grids Incorporating Microgrids Based on PMU Measurements. IEEE Transactions on Smart Grid, 2020, 11, 810-820.	9.0	51
38	A Distributed Task Allocation Based on a Winner-Take-All Approach for Multiple Energy Storage Systems Coordination in a Microgrid. IEEE Transactions on Smart Grid, 2020, 11, 686-695.	9.0	10
39	Stochastic dispatch of energy storage in microgrids: An augmented reinforcement learning approach. Applied Energy, 2020, 261, 114423.	10.1	56
40	Decentralized AC Optimal Power Flow for Integrated Transmission and Distribution Grids. IEEE Transactions on Smart Grid, 2020, 11, 2531-2540.	9.0	45
41	Analytical Reformulation for Stochastic Unit Commitment Considering Wind Power Uncertainty With Gaussian Mixture Model. IEEE Transactions on Power Systems, 2020, 35, 2769-2782.	6.5	48
42	Dispatch Method for AC/DC Hybrid Power Systems with Flexible DC Transmission Lines and Pumped Storage Power Stations. , 2020, , .		1
43	Revised constraintâ€propagation method for distribution interval state estimation. IET Generation, Transmission and Distribution, 2020, 14, 1329-1336.	2.5	6
44	Optimal dispatch scheme for DSO and prosumers by implementing threeâ€phase distribution locational marginal prices. IET Generation, Transmission and Distribution, 2020, 14, 2138-2146.	2.5	5
45	Optimization Model-Based Reliability Assessment for Distribution Networks Considering Detailed Placement of Circuit Breakers and Switches. IEEE Transactions on Power Systems, 2020, 35, 3991-4004.	6.5	38
46	Bi-Level Programming for Optimal Operation of an Active Distribution Network With Multiple Virtual Power Plants. IEEE Transactions on Sustainable Energy, 2020, 11, 2855-2869.	8.8	107
47	Cloud Computing and Local Chip-Based Dynamic Economic Dispatch for Microgrids. IEEE Transactions on Smart Grid, 2020, 11, 3774-3784.	9.0	19
48	Stochastic Maintenance Schedules of Active Distribution Networks Based on Monte-Carlo Tree Search. IEEE Transactions on Power Systems, 2020, 35, 3940-3952.	6.5	20
49	Accelerated ADMM-Based Fully Distributed Inverter-Based Volt/Var Control Strategy for Active Distribution Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 7532-7543.	11.3	48
50	Coordinated optimal dispatch of VPPs in unbalanced ADNs. IET Generation, Transmission and Distribution, 2020, 14, 1430-1437.	2.5	10
51	Hexagon rasterâ€based method for distribution network planning considering line routes and pole locations. IET Generation, Transmission and Distribution, 2020, 14, 1420-1429.	2.5	3
52	Feederâ€corridorâ€based distribution network planning model with explicit reliability constraints. IET Generation, Transmission and Distribution, 2020, 14, 5310-5318.	2.5	14
53	Reliability-Constrained Back-Up Power Sources Planning for Distribution Networks. , 2020, , .		1
54	Robust Coordinated Schedule of Electricity and Heating System Considering Multiple Sources of Uncertainties. , 2020, , .		0

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55	Transmission and Distribution Networks Coordinated Volt/VAr Control Method and Its Application in Jibei Grid. , 2020, , .		1
56	Robust Data-driven Linearization for Distribution Three-phase Power Flow. , 2020, , .		10
57	A Coordinated Primary Frequency Control Method for DFIG-based Wind Farm (iSPEC 2020). , 2020, , .		0
58	A Distributionally Robust Optimization Model for Real-Time Power Dispatch in Distribution Networks. IEEE Transactions on Smart Grid, 2019, 10, 3743-3752.	9.0	55
59	A water mass method and its application to integrated heat and electricity dispatch considering thermal inertias. Energy, 2019, 181, 840-852.	8.8	33
60	A sparse recovery model with fast decoupled solution for distribution state estimation and its performance analysis. Journal of Modern Power Systems and Clean Energy, 2019, 7, 1411-1421.	5.4	4
61	Distributed multiâ€area load flow for multiâ€microgrid systems. IET Generation, Transmission and Distribution, 2019, 13, 327-336.	2.5	11
62	Air-Conditioning Optimal Scheduling Based on Finite Difference Thermal Model. , 2019, , .		1
63	Recover feasible solutions for SOCP relaxation of optimal power flow problems in mesh networks. IET Generation, Transmission and Distribution, 2019, 13, 1078-1087.	2.5	27
64	An MILP Model for Urban Distribution Network Planning Considering Street Layout and Block Loads. , 2019, , .		8
65	Distributed Economic Dispatch for Active Distribution Networks with Virtual Power Plants. , 2019, , .		4
66	An Adaptive Distributed Quasi-Newton Method for Power System State Estimation. IEEE Transactions on Smart Grid, 2019, 10, 5114-5124.	9.0	23
67	Abductive identification of bad data: methodology and field test. IET Generation, Transmission and Distribution, 2018, 12, 150-159.	2.5	5
68	A Distributionally Robust Optimization Model for Unit Commitment Based on Kullbackâ€“Leibler Divergence. IEEE Transactions on Power Systems, 2018, 33, 5147-5160.	6.5	122
69	Decentralized Dynamic Economic Dispatch for Integrated Transmission and Active Distribution Networks Using Multi-Parametric Programming. IEEE Transactions on Smart Grid, 2018, 9, 4983-4993.	9.0	85
70	Fast Decoupled State Estimation for Distribution Networks Considering Branch Ampere Measurements. IEEE Transactions on Smart Grid, 2018, 9, 6338-6347.	9.0	20
71	Coordinated Control Method for DFIG-Based Wind Farm to Provide Primary Frequency Regulation Service. IEEE Transactions on Power Systems, 2018, 33, 2644-2659.	6.5	86
72	Robust Capacity Assessment of Distributed Generation in Unbalanced Distribution Networks Incorporating ANM Techniques. IEEE Transactions on Sustainable Energy, 2018, 9, 651-663.	8.8	89

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73	Kullbackâ€“Leibler divergenceâ€based distributionally robust optimisation model for heat pump dayâ€ahead operational schedule to improve PV integration. IET Generation, Transmission and Distribution, 2018, 12, 3136-3144.	2.5	21
74	A Fully Distributed Power Flow Algorithm with Exponentially Fast Convergence. , 2018, , .		3
75	Combined Heat and Power Dispatch with Start-Stop Schedule of Heat Exchange Stations. , 2018, , .		2
76	Hierarchical Generation Rescheduling And Robust Load Shedding Scheme Considering The Uncertainty Of Distributed Generators. , 2018, , .		3
77	A Fully Distributed Topology Identification Approach for Active Distribution Network Based on Multi-Agent Framework. , 2018, , .		1
78	Security-Based Load Shedding Strategy Considering the Load Frequency Dependency in Island Distribution System. , 2018, , .		5
79	An Decomposition Algorithm for Distribution Network Reconfiguration Schedule Considering Demand Response. , 2018, , .		2
80	Distributed optimal residential demand response considering operational constraints of unbalanced distribution networks. IET Generation, Transmission and Distribution, 2018, 12, 1970-1979.	2.5	50
81	Fully Distributed Quasi-Newton Multi-Area Dynamic Economic Dispatch Method for Active Distribution Networks. IEEE Transactions on Power Systems, 2018, 33, 4253-4263.	6.5	59
82	Capacity guaranteed control method for air conditioning cluster joining power grid frequency regulation. Journal of Engineering, 2018, 2018, 1884-1888.	1.1	7
83	Distributed Robust Bilinear State Estimation for Power Systems with Nonlinear Measurements. IEEE Transactions on Power Systems, 2017, 32, 499-509.	6.5	64
84	Hierarchical Multi-Area State Estimation via Sensitivity Function Exchanges. IEEE Transactions on Power Systems, 2017, 32, 442-453.	6.5	36
85	Decentralized Contingency-Constrained Tie-Line Scheduling for Multi-Area Power Grids. IEEE Transactions on Power Systems, 2017, 32, 354-367.	6.5	47
86	Coordinated Multi-Area Economic Dispatch via Critical Region Projection. IEEE Transactions on Power Systems, 2017, 32, 3736-3746.	6.5	59
87	Decentralized Solution for Combined Heat and Power Dispatch Through Benders Decomposition. IEEE Transactions on Sustainable Energy, 2017, 8, 1361-1372.	8.8	175
88	Robust reactive power optimisation and voltage control method for active distribution networks via dual timeâ€scale coordination. IET Generation, Transmission and Distribution, 2017, 11, 1461-1471.	2.5	50
89	Data-Driven DG Capacity Assessment Method for Active Distribution Networks. IEEE Transactions on Power Systems, 2017, 32, 3946-3957.	6.5	89
90	Decentralized Reactive Power Optimization Method for Transmission and Distribution Networks Accommodating Large-Scale DG Integration. IEEE Transactions on Sustainable Energy, 2017, 8, 363-373.	8.8	103

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91	An Exact Linearization Method for OLTC of Transformer in Branch Flow Model. IEEE Transactions on Power Systems, 2017, 32, 2475-2476.	6.5	90
92	A Guaranteed and Efficient Method to Enforce Passivity of Frequency-Dependent Network Equivalents. IEEE Transactions on Power Systems, 2017, 32, 2455-2463.	6.5	18
93	Three-phase optimal load flow model and algorithm for active distribution networks. , 2017, , .		1
94	Fully distributed multiâ€area dynamic economic dispatch method with secondâ€order convergence for active distribution networks. IET Generation, Transmission and Distribution, 2017, 11, 3955-3965.	2.5	28
95	Coordinated stateâ€estimation method for airâ€conditioning loads to provide primary frequency regulation service. IET Generation, Transmission and Distribution, 2017, 11, 3381-3388.	2.5	15
96	A distributed newton method for optimal operation of microgrid clusters. , 2017, , .		2
97	Optimal residential demand response considering the operational constraints of unbalanced distribution networks. , 2017, , .		5
98	Cooperative gameâ€based method to determine the weights of load forecasting solution incorporated with various algorithms. Journal of Engineering, 2017, 2017, 1312-1315.	1.1	2
99	Energy and ancillary service joint dispatch of power system integrated with dynamic heating system. , 2017, , .		1
100	Stochastic DG capacity assessment for active distribution networks considering the optimal reactive DG outputs and OLTC operation. , 2017, , .		1
101	Distributed newton method for primary voltage control in Islanded DC microgrid. , 2017, , .		2
102	Decentralized economic dispatch for transmission and distribution networks via modified generalized benders decomposition. , 2017, , .		1
103	Discussion of positive fraction vector fitting for frequencyâ€dependent network equivalents. Journal of Engineering, 2017, 2017, 812-815.	1.1	0
104	Performance analysis of sparse recovery models for bad data detection and state estimation in electric power networks. , 2016, , .		3
105	Three-Phase Steady-State Model of Doubly Fed Induction Generator Considering Various Rotor Speeds. IEEE Access, 2016, 4, 9479-9488.	4.2	14
106	Mixedâ€integer secondâ€order cone programing model for VAR optimisation and network reconfiguration in active distribution networks. IET Generation, Transmission and Distribution, 2016, 10, 1938-1946.	2.5	92
107	A Distributed Quasi-Newton Method for Droop-Free Primary Frequency Control in Autonomous Microgrids. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	27
108	Multi-area economic dispatch via state space decomposition. , 2016, , .		0

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109	A robust approach for active distribution network restoration based on scenario techniques considering load and DG uncertainties. , 2016, , .		5
110	A robust bilinear three-phase state estimation method for power systems. , 2016, , .		3
111	Transient outage model considering corrective and preventive maintenance. Journal of Modern Power Systems and Clean Energy, 2016, 4, 680-689.	5.4	5
112	Robust generation maintenance scheduling considering wind power and forced outages. IET Renewable Power Generation, 2016, 10, 634-641.	3.1	35
113	Decentralized Multi-Area Dynamic Economic Dispatch Using Modified Generalized Benders Decomposition. IEEE Transactions on Power Systems, 2016, 31, 526-538.	6.5	105
114	A Mixed Integer Quadratic Programming Model for Topology Identification in Distribution Network. IEEE Transactions on Power Systems, 2016, 31, 823-824.	6.5	76
115	Robust Restoration Method for Active<?Pub _newline ?>Distribution Networks. IEEE Transactions on Power Systems, 2016, 31, 4005-4015.	6.5	176
116	A Semidefinite Programming Model for Passivity Enforcement of Frequency-Dependent Network Equivalents. IEEE Transactions on Power Delivery, 2016, 31, 397-399.	4.3	5
117	Transmission-Constrained Unit Commitment Considering Combined Electricity and District Heating Networks. IEEE Transactions on Sustainable Energy, 2016, 7, 480-492.	8.8	319
118	A Fully Distributed Power Dispatch Method for Fast Frequency Recovery and Minimal Generation Cost in Autonomous Microgrids. IEEE Transactions on Smart Grid, 2016, 7, 19-31.	9.0	110
119	Adaptive Robust Tie-Line Scheduling Considering Wind Power Uncertainty for Interconnected Power Systems. IEEE Transactions on Power Systems, 2016, 31, 2701-2713.	6.5	80
120	Combined Heat and Power Dispatch Considering Pipeline Energy Storage of District Heating Network. IEEE Transactions on Sustainable Energy, 2016, 7, 12-22.	8.8	534
121	A Method to Evaluate Total Supply Capability of Distribution Systems Considering Network Reconfiguration and Daily Load Curves. IEEE Transactions on Power Systems, 2016, 31, 2096-2104.	6.5	72
122	Robust voltage control model for active distribution network considering PVs and loads uncertainties. , 2015, , .		3
123	Multi-phase distribution state estimation with only direct measurements. , 2015, , .		0
124	Compacting and partitioningâ€based simulation solution for frequencyâ€dependent network equivalents in realâ€time digital simulator. IET Generation, Transmission and Distribution, 2015, 9, 2526-2533.	2.5	2
125	Correlated probabilistic load flow using a point estimate method with Nataf transformation. International Journal of Electrical Power and Energy Systems, 2015, 65, 325-333.	5.5	81
126	Coordinated multi-area economic dispatch via multi-parametric programming. , 2015, , .		0

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127	Adjustable Robust Real-Time Power Dispatch With Large-Scale Wind Power Integration. IEEE Transactions on Sustainable Energy, 2015, 6, 357-368.	8.8	179
128	A Two-Level Distributed Approach to Power Network Modeling. IEEE Transactions on Power Delivery, 2015, 30, 1496-1504.	4.3	4
129	A Fully Distributed Reactive Power Optimization and Control Method for Active Distribution Networks. IEEE Transactions on Smart Grid, 2015, , 1-1.	9.0	192
130	Reducing Generation Uncertainty by Integrating CSP With Wind Power: An Adaptive Robust Optimization-Based Analysis. IEEE Transactions on Sustainable Energy, 2015, 6, 583-594.	8.8	92
131	Decentralized Multiarea Robust Generation Unit and Tie-Line Scheduling Under Wind Power Uncertainty. IEEE Transactions on Sustainable Energy, 2015, 6, 1377-1388.	8.8	123
132	Robust Look-Ahead Power Dispatch With Adjustable Conservativeness Accommodating Significant Wind Power Integration. IEEE Transactions on Sustainable Energy, 2015, 6, 781-790.	8.8	32
133	Efficient Location of Unsatisfiable Transmission Constraints in Look-Ahead Dispatch via an Enhanced Lagrangian Relaxation Framework. IEEE Transactions on Power Systems, 2015, 30, 1233-1242.	6.5	12
134	Multi-time interval power system state estimation incorporating phasor measurements. , 2015, , .		9
135	Fully distributed multiâ€area economic dispatch method for active distribution networks. IET Generation, Transmission and Distribution, 2015, 9, 1341-1351.	2.5	81
136	A fully distributed active power control method with minimum generation cost in grid-connected microgrids. , 2015, , .		6
137	An Analytical Adequacy Evaluation Method for Distribution Networks Considering Protection Strategies and Distributed Generators. IEEE Transactions on Power Delivery, 2015, 30, 1392-1400.	4.3	69
138	Robust Restoration Decision-Making Model for Distribution Networks Based on Information Gap Decision Theory. IEEE Transactions on Smart Grid, 2015, 6, 587-597.	9.0	118
139	Convergence problem in forward/backward sweep power flow method caused by non-positive-sequence impedance of distributed generators and its solution. International Journal of Electrical Power and Energy Systems, 2015, 65, 463-466.	5.5	7
140	A distributed state estimation method for power systems incorporating linear and nonlinear models. International Journal of Electrical Power and Energy Systems, 2015, 64, 608-616.	5.5	26
141	Parameter identifiability analysis of power system transient models based on profile likelihood. , 2014, , .		1
142	Supplemental control for enhancing primary frequency response of DFIG-based wind farm considering security of wind turbines. , 2014, , .		6
143	A Robust Wind Power Optimization Method for Look-Ahead Power Dispatch. IEEE Transactions on Sustainable Energy, 2014, 5, 507-515.	8.8	128
144	A method for evaluating the accuracy of power system state estimation results based on correntropy. International Journal of Electrical Power and Energy Systems, 2014, 60, 45-52.	5.5	6

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145	Continuation power flow based on a novel local geometric parameterisation approach. IET Generation, Transmission and Distribution, 2014, 8, 811-818.	2.5	6
146	Security evaluation for distribution power system using improved MIQCP based restoration strategy. , 2014, , .		3
147	Loopâ€analysisâ€based continuation power flow algorithm for distribution networks. IET Generation, Transmission and Distribution, 2014, 8, 1284-1292.	2.5	31
148	Dynamic Economic Dispatch Using Lagrangian Relaxation With Multiplier Updates Based on a Quasi-Newton Method. IEEE Transactions on Power Systems, 2013, 28, 4516-4527.	6.5	86
149	An Efficient State Estimation Algorithm Considering Zero Injection Constraints. IEEE Transactions on Power Systems, 2013, 28, 2651-2659.	6.5	19
150	An Adaptive Zone-Division-Based Automatic Voltage Control System With Applications in China. IEEE Transactions on Power Systems, 2013, 28, 1816-1828.	6.5	91
151	Accuracy evaluation indexes for power system state estimation results. , 2013, , .		2
152	Dynamic economic dispatch with spinning reserve constraints considering wind power integration. , 2013, , .		3
153	Development of an RTDS-TSA hybrid transient simulation platform with frequency dependent network equivalents. , 2013, , .		4
154	Development and Analysis of Applicability of a Hybrid Transient Simulation Platform Combining TSA and EMT Elements. IEEE Transactions on Power Systems, 2013, 28, 357-366.	6.5	80
155	A renewal-process-based component outage model considering the effects of aging and maintenance. International Journal of Electrical Power and Energy Systems, 2013, 44, 52-59.	5.5	13
156	Design of an online intelligent alarming system for cascading failures of group of wind farms. , 2013, , .		1
157	A two-level online parameter identification approach. , 2013, , .		3
158	Family of energy management system for smart grid. , 2012, , .		6
159	Dynamic model development and validation for electromagnetic and electromechanical simulation. , 2012, , .		0
160	Multiple time-scale coordinated power control system to accommodate significant wind power penetration and its real application. , 2012, , .		4
161	An online intelligent alarm-processing system based on abductive reasoning network. , 2012, , .		9
162	A simulation and training system for active distribution network. , 2012, , .		1

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163	Real-time local voltage stability monitoring based on PMU and recursive least square method with variable forgetting factors. , 2012, , .		5
164	A Validation Method for Power System Dynamic Simulation Software Based on Hybrid Simulation. , 2012, , .		1
165	Two-level distributed modeling of protection device based on IEC 61850. , 2012, , .		3
166	A distribution system state estimator accommodating large number of ampere measurements. International Journal of Electrical Power and Energy Systems, 2012, 43, 839-848.	5.5	18
167	Transformer aging failure rate evaluation method based on evidence theory for operational risk assessment. , 2012, , .		2
168	A fast probabilistic voltage assessment method for distribution system integrated with wind power generation. , 2012, , .		2
169	A time-varying transformer outage model for on-line operational risk assessment. International Journal of Electrical Power and Energy Systems, 2011, 33, 600-607.	5.5	22
170	A decoupled interface method for electromagnetic and electromechanical simulation. , 2011, , .		7
171	Substation three-phase nonlinear state estimation based on KCL. , 2011, , .		8
172	A distribution management system based on loop analysis method. , 2011, , .		0
173	An efficient security assessment system based on PC cluster for power system daily operation planning validation. , 2010, , .		2
174	A wave filtering based electric load curve decomposition method for AGC. , 2010, , .		0
175	Temporal Abductive Reasoning based Intelligent Alarm for Power System. , 2010, , .		2
176	Generator random outage model for risk-based monthly maintenance scheduling. , 2010, , .		2
177	Three-phase DFIG steady model and fast three-phase load flow algorithm for distribution power systems. , 2010, , .		7
178	Real-time measured fault impedance and EMS based transient stability on-line forecasting. , 2010, , .		1
179	Development and application of on-line dynamic security early warning and preventive control system in China. , 2010, , .		4
180	Modeling, simulating and online setting-checking for protective relay. , 2009, , .		4

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181	Applications and extension of CIM standard in chinese electrical power control centers. , 2009, , .		9
182	Development and applications of system-wide automatic voltage control system in China. , 2009, , .		28
183	PMU measurements and EMS models based transient stability on-line forecasting. , 2009, , .		4
184	A Multi-Agent based distributed computing platform for new generation of EMS. , 2009, , .		8
185	Power System Operation Risk Assessment Using Credibility Theory. IEEE Transactions on Power Systems, 2008, 23, 1309-1318.	6.5	71
186	PMU based voltage stability analysis for transmission corridors. , 2008, , .		3
187	Design of a hierarchical network remodeling system based on IEC61970 for electrical power control centers in China. , 2008, , .		6
188	A supporting platform for new generation of EMS based on PC cluster. , 2008, , .		3
189	A new generation of EMS implemented in Chinese electric power control centers. , 2008, , .		5