

Jing Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4901138/publications.pdf>

Version: 2024-02-01

211
papers

5,783
citations

94433

37
h-index

88630

70
g-index

211
all docs

211
docs citations

211
times ranked

4417
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	Electrochemical-Theory-Guided Modeling of the Conditional Generative Adversarial Network for Battery Calendar Aging Forecast. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 67-77.	5.4	25
3	A Byzantine-Resilient Distributed Peer-to-Peer Energy Management Approach. IEEE Transactions on Smart Grid, 2023, 14, 623-634.	9.0	2
4	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
5	Interpretable Neighborhood Deep Models for Online Total Transfer Capability Evaluation of Power Systems. IEEE Transactions on Power Systems, 2022, 37, 260-271.	6.5	9
6	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
7	A Distributed Online Learning Approach for Energy Management With Communication Noises. IEEE Transactions on Sustainable Energy, 2022, 13, 551-566.	8.8	5
8	Leverage Reactive Power Ancillary Service Under High Penetration of Renewable Energies: An Incentive-Compatible Obligation-Based Market Mechanism. IEEE Transactions on Power Systems, 2022, 37, 2919-2933.	6.5	6
9	Increasing Flexibility of Combined Heat and Power Systems Through Optimal Dispatch With Variable Mass Flow. IEEE Transactions on Sustainable Energy, 2022, 13, 986-997.	8.8	7
10	A Transferred Recurrent Neural Network for Battery Calendar Health Prognostics of Energy-Transportation Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 8172-8181.	11.3	28
11	An Improved Two-Stage Deep Reinforcement Learning Approach for Regulation Service Disaggregation in a Virtual Power Plant. IEEE Transactions on Smart Grid, 2022, 13, 2844-2858.	9.0	23
12	Distributionally Robust Frequency Constrained Scheduling for an Integrated Electricity-Gas System. IEEE Transactions on Smart Grid, 2022, 13, 2730-2743.	9.0	23
13	Electricity Price Prediction for Energy Storage System Arbitrage: A Decision-Focused Approach. IEEE Transactions on Smart Grid, 2022, 13, 2822-2832.	9.0	7
14	On the Real-Time Quantification of Flexibility Provided by District Heating Networks Considering Dynamic Temperature Distribution. IEEE Transactions on Sustainable Energy, 2022, 13, 1666-1680.	8.8	5
15	Competitive Pricing Game of Virtual Power Plants: Models, Strategies, and Equilibria. IEEE Transactions on Smart Grid, 2022, 13, 4583-4595.	9.0	11
16	Self-Attention-Based Machine Theory of Mind for Electric Vehicle Charging Demand Forecast. IEEE Transactions on Industrial Informatics, 2022, 18, 8191-8202.	11.3	8
17	Integrated Heat and Electricity Dispatch for District Heating Networks With Constant Mass Flow: A Generalized Phasor Method. IEEE Transactions on Power Systems, 2021, 36, 426-437.	6.5	21
18	A Data-Driven Warm Start Approach for Convex Relaxation in Optimal Gas Flow. IEEE Transactions on Power Systems, 2021, 36, 5948-5951.	6.5	6

#	ARTICLE	IF	CITATIONS
19	A distributed deep reinforcement learning-based approach for fast preventive control considering transient stability constraints. CSEE Journal of Power and Energy Systems, 2021, , .	1.1	4
20	Stochastic Day-Ahead Scheduling of ElectricityGas Coupled Systems via Progressive Hedging. , 2020, , .		0
21	Dataâ€Driven Fast Clustering of Secondâ€Life Lithiumâ€Ion Battery: Mechanism and Algorithm. Advanced Theory and Simulations, 2020, 3, 2000109.	2.8	20
22	Distributed Event-Triggered \$H_{\infty}\$ Consensus Based Current Sharing Control of DC Microgrids Considering Uncertainties. IEEE Transactions on Industrial Informatics, 2020, 16, 7413-7425.	11.3	52
23	A gradient screening approach for retired lithium-ion batteries based on X-ray computed tomography images. RSC Advances, 2020, 10, 19117-19123.	3.6	14
24	Selfâ€adaptive hybrid algorithm based biâ€level approach for virtual power plant bidding in multiple retail markets. IET Generation, Transmission and Distribution, 2020, 14, 3762-3773.	2.5	6
25	Decomposition approach for the interdependency analysis of integrated power and transportation systems. IET Smart Grid, 2020, 3, 825-834.	2.2	5
26	Integrated pricing framework for optimal power and semiâ€dynamic traffic flow problem. IET Renewable Power Generation, 2020, 14, 3636-3643.	3.1	8
27	Active Dynamic Aggregation Model for Distributed Integrated Energy System as Virtual Power Plant. Journal of Modern Power Systems and Clean Energy, 2020, 8, 831-840.	5.4	32
28	Evaluation of Information Value for Solar Power Plants in Market Environment. , 2020, , .		5
29	A Synchronous Iterative Method of Power Flow in Inter-Connected Power Grids Considering Privacy Preservation: A CPS Perspective. , 2020, , .		1
30	Robust Voltage Control Strategy for Hybrid AC/DC Sending-Side Systems to Prevent Cascading Trip Failures. IEEE Transactions on Sustainable Energy, 2019, 10, 1319-1329.	8.8	17
31	A Distributed Model-Free Controller for Enhancing Power System Transient Frequency Stability. IEEE Transactions on Industrial Informatics, 2019, 15, 1361-1371.	11.3	13
32	A Novel Discounted Min-Consensus Algorithm for Optimal Electrical Power Trading in Grid-Connected DC Microgrids. IEEE Transactions on Industrial Electronics, 2019, 66, 8474-8484.	7.9	26
33	Economic Dispatch for Regional Integrated Energy System With District Heating Network Under Stochastic Demand. IEEE Access, 2019, 7, 46659-46667.	4.2	19
34	Design and implementation of a virtual capacitor based DC current suppression method for grid-connected inverters. ISA Transactions, 2019, 92, 257-272.	5.7	12
35	A deep learning approach for power system knowledge discovery based on multitask learning. IET Generation, Transmission and Distribution, 2019, 13, 733-740.	2.5	16
36	Review of Challenges and Research Opportunities for Voltage Control in Smart Grids. IEEE Transactions on Power Systems, 2019, 34, 2790-2801.	6.5	270

#	ARTICLE	IF	CITATIONS
37	Research Framework of the Human-Cyber-Energy Coupled Urban Energy Internet Catastrophe Analysis and Its Dynamic Early Warning. , 2019, , .		1
38	Accommodating Renewable Energy Sources into the Modern Power System via a General Coordinated Mechanism. , 2019, , .		0
39	A Robust Aggregate Model for Multi-Energy Virtual Power Plant in Grid Dispatch. , 2019, , .		2
40	Prospects for Energy Internet of Agricultural Engineering in China. , 2019, , .		5
41	Rule Extraction-based Data Augmentation Method for Transient Instability Identification of Power Systems Using Machine Learning. , 2019, , .		0
42	Decentralized Chance-Constrained Economic Dispatch for Integrated Transmission-District Energy Systems. IEEE Transactions on Smart Grid, 2019, 10, 6724-6734.	9.0	22
43	An intelligent dc current minimization method for transformerless grid-connected photovoltaic inverters. ISA Transactions, 2019, 88, 268-279.	5.7	13
44	Decentralized Unit Commitment in Integrated Heat and Electricity Systems Using SDM-GS-ALM. IEEE Transactions on Power Systems, 2019, 34, 2322-2333.	6.5	31
45	A two-level hierarchical discrete-device control method for power networks with integrated wind farms. Journal of Modern Power Systems and Clean Energy, 2019, 7, 88-98.	5.4	6
46	Optimal Distributed Control for Secondary Frequency and Voltage Regulation in an Islanded Microgrid. IEEE Transactions on Industrial Informatics, 2019, 15, 225-235.	11.3	144
47	Distributed, Bounded and Finite-Time Convergence Secondary Frequency Control in an Autonomous Microgrid. IEEE Transactions on Smart Grid, 2019, 10, 2776-2788.	9.0	49
48	Distributed Discrete Robust Secondary Cooperative Control for Islanded Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 3620-3629.	9.0	41
49	Abductive identification of bad data: methodology and field test. IET Generation, Transmission and Distribution, 2018, 12, 150-159.	2.5	5
50	Clearing and Pricing for Coordinated Gas and Electricity Day-Ahead Markets Considering Wind Power Uncertainty. IEEE Transactions on Power Systems, 2018, 33, 2496-2508.	6.5	79
51	A Distributed Transmission-Distribution-Coupled Static Voltage Stability Assessment Method Considering Distributed Generation. IEEE Transactions on Power Systems, 2018, 33, 2621-2632.	6.5	62
52	Dynamic reactive power reserve optimisation in wind power integration areas. IET Generation, Transmission and Distribution, 2018, 12, 507-517.	2.5	15
53	EMS communication routingsâ€™ optimisation to enhance power system security considering cyberâ€“physical interdependence. IET Cyber-Physical Systems: Theory and Applications, 2018, 3, 44-53.	3.3	10
54	Coordinated Transmission and Distribution AC Optimal Power Flow. IEEE Transactions on Smart Grid, 2018, 9, 1228-1240.	9.0	147

#	ARTICLE	IF	CITATIONS
55	A New LMP-Sensitivity-Based Heterogeneous Decomposition for Transmission and Distribution Coordinated Economic Dispatch. IEEE Transactions on Smart Grid, 2018, 9, 931-941.	9.0	76
56	Information Masking Theory for Data Protection in Future Cloud-Based Energy Management. IEEE Transactions on Smart Grid, 2018, 9, 5664-5676.	9.0	18
57	An Improved Real-Time Short-Term Voltage Stability Monitoring Method Based on Phase Rectification. IEEE Transactions on Power Systems, 2018, 33, 1068-1070.	6.5	22
58	A Distributed Multi-Control-Center Dynamic Power Flow Algorithm Based on Asynchronous Iteration Scheme. IEEE Transactions on Power Systems, 2018, 33, 1716-1724.	6.5	17
59	Distributed Finite-Time Convergence Control of an Islanded Low-Voltage AC Microgrid. IEEE Transactions on Power Systems, 2018, 33, 2339-2348.	6.5	74
60	A Numerical Observability Analysis Method for Combined Electric-Gas Networks. , 2018, , .		0
61	Looped Network Oriented Distributed Power Routing Method with the Operation of Phase Shifters. , 2018, , .		0
62	A Distributed Multi-control-center Dynamic Power Flow Algorithm Based on Asynchronous Iteration Scheme. , 2018, , .		0
63	A Probabilistic Harmonic State Estimation Method for Distribution Network Connected by Wind Power. , 2018, , .		0
64	Network Parameter Estimation for District Heating System. , 2018, , .		2
65	Research on Collaborative Optimization Model of Park-level Integrated Energy System Participating in Power Peak Shaving. , 2018, , .		3
66	A Two-Stage Multi-objective Planning Strategy for Electric Vehicle Charging Stations Considering Power-loss Sensitivity in Distribution System. , 2018, , .		1
67	Static voltage stability margin considering the coupling of natural gas and power system. , 2018, , .		2
68	Practical short-term voltage stability index based on voltage curves: definition, verification and case studies. IET Generation, Transmission and Distribution, 2018, 12, 4292-4300.	2.5	28
69	A Fully Distributed Topology Identification Approach for Active Distribution Network Based on Multi-Agent Framework. , 2018, , .		1
70	Improved Model of CHP System Considering Heat Exchanger Capacity. , 2018, , .		0
71	Stochastic User Equilibrium in Charging Station Selection Based on Discrete Choice Model. , 2018, , .		4
72	Steady-State Model of Energy Stations Considering Thermodynamic Properties. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
73	Transient Stability Assessment of Power Systems Using Cost-sensitive Deep Learning Approach. , 2018, , .		15
74	A transient profile forecasting method based on PMU measurements for monitoring and control of short-term voltage instability. , 2018, , .		3
75	Day-ahead voltage scheduling method based on a two-stage robust optimisation for VSC-HVDC connected wind farms. IET Renewable Power Generation, 2018, 12, 1470-1477.	3.1	3
76	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
77	A Response-Function-Based Coordination Method for Transmission - Distribution-Coupled AC OPF. , 2018, , .		8
78	Hierarchical Multi-Area State Estimation via Sensitivity Function Exchanges. IEEE Transactions on Power Systems, 2017, 32, 442-453.	6.5	36
79	Coordinated Multi-Area Economic Dispatch via Critical Region Projection. IEEE Transactions on Power Systems, 2017, 32, 3736-3746.	6.5	59
80	Fatigue Load Sensitivity-Based Optimal Active Power Dispatch For Wind Farms. IEEE Transactions on Sustainable Energy, 2017, 8, 1247-1259.	8.8	60
81	Impact of Coupled Transmission-Distribution on Static Voltage Stability Assessment. IEEE Transactions on Power Systems, 2017, 32, 3311-3312.	6.5	30
82	EV charging behaviour analysis and modelling based on mobile crowdsensing data. IET Generation, Transmission and Distribution, 2017, 11, 1683-1691.	2.5	38
83	Voltage security regions considering wind power curtailment to prevent cascading trip faults in wind power integration areas. IET Renewable Power Generation, 2017, 11, 54-62.	3.1	16
84	Feasible region method based integrated heat and electricity dispatch considering building thermal inertia. Applied Energy, 2017, 192, 395-407.	10.1	164
85	Wind Power Providing Flexible Ramp Product. IEEE Transactions on Power Systems, 2017, 32, 2049-2061.	6.5	91
86	State estimation for steam networks considering drainage and parameter uncertainties. , 2017, , .		2
87	A multi-objective evaluation method for distributed integrated energy system. , 2017, , .		3
88	Building energy management based on demand response strategy considering dynamic thermal characteristic. , 2017, , .		3
89	Variable parameter Kalman filter based dynamic harmonic state estimation for power systems with wind energy integration. , 2017, , .		6
90	Applying blockchain technology to decentralized operation in future energy internet. , 2017, , .		39

#	ARTICLE	IF	CITATIONS
91	Fully distributed multi-area dynamic economic dispatch method with second-order convergence for active distribution networks. IET Generation, Transmission and Distribution, 2017, 11, 3955-3965.	2.5	28
92	Charging station selection optimization based on electric and traffic information. , 2017, , .		2
93	Dynamic reactive power optimal allocation to decrease wind power curtailment in a large-scale wind power integration area. IET Renewable Power Generation, 2017, 11, 1667-1678.	3.1	33
94	Study on the dynamic reactive power characteristics of MMC-MTDC for wind farm integration. Journal of Engineering, 2017, 2017, 691-695.	1.1	1
95	A two-level voltage stability monitoring method based on P-V sensitivity assessment. , 2017, , .		0
96	Robust optimal shunt dispatch method in wind farm integration area. Journal of Engineering, 2017, 2017, 1829-1832.	1.1	2
97	Optimal dispatch model for district heating network based on interior-point method. , 2017, , .		2
98	Data driven method for transient stability prediction of power systems considering incomplete measurements. , 2017, , .		4
99	A distributed power routing method between regional markets based on Bellman-Ford algorithm. , 2017, , .		2
100	Nash bargain and complementarity approach based efficient/economic dispatch in combined cooling heating and power system. , 2017, , .		3
101	A routing optimization model for EMS of power systems considering cyber-physical interdependence. , 2017, , .		2
102	Influence of N-1 contingency in natural gas system on power system. , 2017, , .		5
103	Heating network quasi-dynamic model of multi-energy flow system based on forward method. , 2017, , .		2
104	Case studies of demand response in multi-energy industrial parks. , 2017, , .		7
105	Equivalencing-tracking-based method for incorporating distributed energy resources in transmission system economic dispatch. Journal of Engineering, 2017, 2017, 1029-1034.	1.1	1
106	Dynamic reactive power optimal allocation to reduce cascading risks based on SVM. , 2016, , .		0
107	Real-time analysis of transient voltage security based on off-line database and data fitting. , 2016, , .		1
108	A bilateral reserve market for variable generation: Concept and implementation. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
109	Autonomous Voltage Security Regions to Prevent Cascading Trip Faults in Wind Turbine Generators. IEEE Transactions on Sustainable Energy, 2016, 7, 1306-1316.	8.8	25
110	Coordinated Voltage Control of a Wind Farm Based on Model Predictive Control. IEEE Transactions on Sustainable Energy, 2016, 7, 1440-1451.	8.8	79
111	Multi-area economic dispatch via state space decomposition. , 2016, , .		0
112	ADMM-based decentralized demand response method in electric vehicle virtual power plant. , 2016, , .		5
113	Robust unit commitment considering reserve from grid-scale energy storage. , 2016, , .		2
114	Crucial power flow interface discrimination based on distributed improved-SVM classification in a big data set. , 2016, , .		3
115	Power system multi-day stochastic scheduling considering the uncertainty of CSP/wind plants. , 2016, , .		1
116	Cyber-physical assessment and comparison between centralized and distributed control mode in coordinated substation voltage control. , 2016, , .		4
117	Research on state estimation for combined heat and power networks. , 2016, , .		1
118	Sufficient Conditions for Exact Relaxation of Complementarity Constraints for Storage-Concerned Economic Dispatch. IEEE Transactions on Power Systems, 2016, 31, 1653-1654.	6.5	86
119	Transmission Contingency Screening Considering Impacts of Distribution Grids. IEEE Transactions on Power Systems, 2016, 31, 1659-1660.	6.5	20
120	Coordinated Economic Dispatch of Coupled Transmission and Distribution Systems Using Heterogeneous Decomposition. IEEE Transactions on Power Systems, 2016, 31, 4817-4830.	6.5	149
121	Multivariate statistical analysis-based power-grid-partitioning method. IET Generation, Transmission and Distribution, 2016, 10, 1023-1031.	2.5	14
122	A Generation-Interval-Based Mechanism for Managing the Power Generation Uncertainties of Variable Generation. IEEE Transactions on Sustainable Energy, 2016, 7, 1060-1070.	8.8	5
123	Optimal active power control of a wind farm equipped with energy storage system based on distributed model predictive control. IET Generation, Transmission and Distribution, 2016, 10, 669-677.	2.5	50
124	Optimal Power Flow With the Consideration of Flexible Transmission Line Impedance. IEEE Transactions on Power Systems, 2016, 31, 1655-1656.	6.5	25
125	Cloud tracking and forecasting method based on optimization model for PV power forecasting. , 2015, , .		5
126	Exact Penalty Function Based Constraint Relaxation Method for Optimal Power Flow Considering Wind Generation Uncertainty. IEEE Transactions on Power Systems, 2015, 30, 1546-1547.	6.5	19

#	ARTICLE	IF	CITATIONS
127	Interval radial power flow using extended DistFlow formulation and Krawczyk iteration method with sparse approximate inverse preconditioner. IET Generation, Transmission and Distribution, 2015, 9, 1998-2006.	2.5	37
128	Coordinated multi-area economic dispatch via multi-parametric programming. , 2015, , .		0
129	A secondary voltage control method for an AC/DC coupled transmission system based on model predictive control. , 2015, , .		0
130	Voltage security analysis with high PVs penetration considering the interaction of transmission and distribution grids: Case studies. , 2015, , .		2
131	A Bi-Level Branch and Bound Method for Economic Dispatch With Disjoint Prohibited Zones Considering Network Losses. IEEE Transactions on Power Systems, 2015, 30, 2841-2855.	6.5	66
132	A Two-Level Distributed Approach to Power Network Modeling. IEEE Transactions on Power Delivery, 2015, 30, 1496-1504.	4.3	4
133	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
134	Distributed Model Predictive Control of a Wind Farm for Optimal Active Power ControlPart I: Clustering-Based Wind Turbine Model Linearization. IEEE Transactions on Sustainable Energy, 2015, 6, 831-839.	8.8	130
135	Distributed Model Predictive Control of a Wind Farm for Optimal Active Power ControlPart II: Implementation With Clustering-Based Piece-Wise Affine Wind Turbine Model. IEEE Transactions on Sustainable Energy, 2015, 6, 840-849.	8.8	80
136	Cyber-Physical Modeling and Cyber-Contingency Assessment of Hierarchical Control Systems. IEEE Transactions on Smart Grid, 2015, 6, 2375-2385.	9.0	168
137	Impacts of optimization interval on home energy scheduling for thermostatically controlled appliances. CSEE Journal of Power and Energy Systems, 2015, 1, 90-100.	1.1	18
138	A robust method based storage aggregator model for grid dispatch. , 2015, , .		0
139	Graph theory based splitting strategies for power system islanding operation. , 2015, , .		9
140	Multi-time interval power system state estimation incorporating phasor measurements. , 2015, , .		9
141	Robust mean-variance optimization model for grid-connected microgrids. , 2015, , .		9
142	Optimal siting and sizing of Energy Storage System for power systems with large-scale wind power integration. , 2015, , .		17
143	PMU Uncertainty Quantification in Voltage Stability Analysis. IEEE Transactions on Power Systems, 2015, 30, 2196-2197.	6.5	23
144	Interval Power Flow Analysis Using Linear Relaxation and Optimality-Based Bounds Tightening (OBBT) Methods. IEEE Transactions on Power Systems, 2015, 30, 177-188.	6.5	62

#	ARTICLE	IF	CITATIONS
145	Master-Slave-Splitting Based Distributed Global Power Flow Method for Integrated Transmission and Distribution Analysis. IEEE Transactions on Smart Grid, 2015, 6, 1484-1492.	9.0	191
146	The study of unit commitment considering wind forecasting power. , 2014, , .		1
147	A Static Voltage Security Region for Centralized Wind Power Integration-Part II: Applications. Energies, 2014, 7, 444-461.	3.1	14
148	A Static Voltage Security Region for Centralized Wind Power Integration-Part I: Concept and Method. Energies, 2014, 7, 420-443.	3.1	12
149	A Fast Solution for the Lagrange Multiplier-Based Electric Power Network Parameter Error Identification Model. Energies, 2014, 7, 1288-1299.	3.1	6
150	Fast Coordinated Control of DFIG Wind Turbine Generators for Low and High Voltage Ride-Through. Energies, 2014, 7, 4140-4156.	3.1	26
151	A decentralized optimization method to track electric vehicle aggregator's optimal charging plan. , 2014, , .		6
152	Parameter identifiability analysis of power system transient models based on profile likelihood. , 2014, , .		1
153	A V2G prototype system: Design, field test and discussion. , 2014, , .		0
154	Supplemental control for enhancing primary frequency response of DFIG-based wind farm considering security of wind turbines. , 2014, , .		6
155	Wind farm side optimal power flow based on DistFlow and SOCP: Model and case study. , 2014, , .		3
156	Research on the optimization of combined heat and power microgrids with renewable energy. , 2014, , .		6
157	A Robust Wind Power Optimization Method for Look-Ahead Power Dispatch. IEEE Transactions on Sustainable Energy, 2014, 5, 507-515.	8.8	128
158	A systematic study of system-wide automatic coordinated voltage control for TNB system. , 2014, , .		1
159	Continuation power flow based on a novel local geometric parameterisation approach. IET Generation, Transmission and Distribution, 2014, 8, 811-818.	2.5	6
160	Security evaluation for distribution power system using improved MIQCP based restoration strategy. , 2014, , .		3
161	Loop-analysis-based continuation power flow algorithm for distribution networks. IET Generation, Transmission and Distribution, 2014, 8, 1284-1292.	2.5	31
162	Rapid-Charging Navigation of Electric Vehicles Based on Real-Time Power Systems and Traffic Data. IEEE Transactions on Smart Grid, 2014, 5, 1969-1979.	9.0	146

#	ARTICLE	IF	CITATIONS
163	Big-M Based MIQP Method for Economic Dispatch With Disjoint Prohibited Zones. IEEE Transactions on Power Systems, 2014, 29, 976-977.	6.5	63
164	Absolute Value Constraint Based Method for Interval Optimization to SCED Model. IEEE Transactions on Power Systems, 2014, 29, 980-981.	6.5	23
165	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
166	An Efficient State Estimation Algorithm Considering Zero Injection Constraints. IEEE Transactions on Power Systems, 2013, 28, 2651-2659.	6.5	19
167	Optimal Voltage Control of PJM Smart Transmission Grid: Study, Implementation, and Evaluation. IEEE Transactions on Smart Grid, 2013, 4, 1665-1674.	9.0	37
168	Accuracy evaluation indexes for power system state estimation results. , 2013, , .		2
169	Emission-Concerned Wind-EV Coordination on the Transmission Grid Side With Network Constraints: Concept and Case Study. IEEE Transactions on Smart Grid, 2013, 4, 1692-1704.	9.0	75
170	Dynamic economic dispatch with spinning reserve constraints considering wind power integration. , 2013, , .		3
171	Analog-Digital Power System State Estimation Based on Information Theory—Part I: Theory. IEEE Transactions on Smart Grid, 2013, 4, 1640-1646.	9.0	14
172	TOU-based optimal energy management for smart home. , 2013, , .		9
173	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
174	Design of an online intelligent alarming system for cascading failures of group of wind farms. , 2013, , .		1
175	A quadratic robust optimization model for automatic voltage control on wind farm side. , 2013, , .		1
176	A hybrid simulation method for EVs' operation considering power grid and traffic information. , 2013, , .		2
177	Power system online security operational trend analysis and simulation results. , 2013, , .		3
178	Reactive power substitution between rapid and slow dynamic var compensators. , 2013, , .		0
179	A two-level online parameter identification approach. , 2013, , .		3
180	Family of energy management system for smart grid. , 2012, , .		6

#	ARTICLE	IF	CITATIONS
181	An online intelligent alarm-processing system based on abductive reasoning network. , 2012, , .		9
182	A simulation and training system for active distribution network. , 2012, , .		1
183	Real-time local voltage stability monitoring based on PMU and recursive least square method with variable forgetting factors. , 2012, , .		5
184	Two-level distributed modeling of protection device based on IEC 61850. , 2012, , .		3
185	GPF-based method for evaluating EVs' free charging impacts in distribution system. , 2012, , .		0
186	A sensitivity based simplified model for security constrained optimal power flow. , 2012, , .		4
187	Network model based coordinated automatic voltage control strategy for wind farm. , 2012, , .		5
188	Distributed Automatic Voltage Control framework for large-scale wind integration in China. , 2012, , .		6
189	Transition to a Two-Level Linear State Estimatorâ€”Part I: Architecture. IEEE Transactions on Power Systems, 2011, 26, 46-53.	6.5	87
190	Transition to a Two-Level Linear State Estimatorâ€”Part II: Algorithm. IEEE Transactions on Power Systems, 2011, 26, 54-62.	6.5	94
191	Study on wind-EV complementation in transmission grid side. , 2011, , .		37
192	Substation three-phase nonlinear state estimation based on KCL. , 2011, , .		8
193	Research on architecture of ITS based Smart Charging Guide System. , 2011, , .		16
194	A distribution management system based on loop analysis method. , 2011, , .		0
195	Smart Transmission Grid: Vision and Framework. IEEE Transactions on Smart Grid, 2010, 1, 168-177.	9.0	829
196	A wave filtering based electric load curve decomposition method for AGC. , 2010, , .		0
197	Study of system-wide Automatic Voltage Control on PJM system. , 2010, , .		5
198	Preliminary research on power demand model of high energy consumers for smart grid in China. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
199	Three-phase DFIG steady model and fast three-phase load flow algorithm for distribution power systems. , 2010, , .		7
200	Real-time measured fault impedance and EMS based transient stability on-line forecasting. , 2010, , .		1
201	PGFB: A hybrid feature selection method based on mutual information. , 2010, , .		6
202	Modeling, simulating and online setting-checking for protective relay. , 2009, , .		4
203	Applications and extension of CIM standard in chinese electrical power control centers. , 2009, , .		9
204	Development and applications of system-wide automatic voltage control system in China. , 2009, , .		28
205	PMU measurements and EMS models based transient stability on-line forecasting. , 2009, , .		4
206	Two-level PMU-based linear state estimator. , 2009, , .		6
207	Distributed power flow calculation for whole networks including transmission and distribution. , 2008, , .		10
208	PMU based voltage stability analysis for transmission corridors. , 2008, , .		3
209	Design of a hierarchical network remodeling system based on IEC61970 for electrical power control centers in China. , 2008, , .		6
210	A new generation of EMS implemented in Chinese electric power control centers. , 2008, , .		5
211	Minimum information loss based state estimation for power systems. , 2006, , .		4