

Zuyi Li

List of Publications by Year in descending order

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194
papers

11,331
citations

32410

55
h-index

45040

94
g-index

196
all docs

196
docs citations

196
times ranked

7090
citing authors

#	ARTICLE	IF	CITATIONS
1	A Secure Dispatch Strategy Subject to the Uncertainties of DLR and Wind Power. IEEE Transactions on Industrial Informatics, 2022, 18, 4499-4509.	7.2	3
2	Proliferation of Small Data Networks for Aggregated Demand Response in Electricity Markets. IEEE Transactions on Power Systems, 2022, 37, 2297-2311.	4.6	6
3	Cross-grid demand response (DR) coordinating framework in energy Internet "A case of power market participation of gas DR resources. International Journal of Electrical Power and Energy Systems, 2022, 135, 107352.	3.3	5
4	Hybrid Robust Tri-Level Defense Model Against Multiperiod Uncertain Attacks. IEEE Transactions on Smart Grid, 2022, 13, 3255-3265.	6.2	7
5	Architecture, Control, and Implementation of Networked Microgrids for Future Distribution Systems. Journal of Modern Power Systems and Clean Energy, 2022, 10, 286-299.	3.3	14
6	State identification of home appliance with transient features in residential buildings. Frontiers in Energy, 2022, 16, 130-143.	1.2	0
7	Sequence of operations for real-time control of microgrids and networked microgrids. IET Renewable Power Generation, 2022, 16, 1699-1718.	1.7	1
8	Aggregated Model of Data Network for the Provision of Demand Response in Generation and Transmission Expansion Planning. IEEE Transactions on Smart Grid, 2021, 12, 512-523.	6.2	26
9	A complete machine learning approach for predicting lithium-ion cell combustion. Electricity Journal, 2021, 34, 106887.	1.3	2
10	Bi-Level Robust Optimization for Distribution System With Multiple Microgrids Considering Uncertainty Distribution Locational Marginal Price. IEEE Transactions on Smart Grid, 2021, 12, 1104-1117.	6.2	52
11	Load Photo: A Novel Analysis Method for Load Data. IEEE Transactions on Smart Grid, 2021, 12, 1394-1404.	6.2	6
12	Stochastic model predictive control operation strategy of integrated energy system based on temperature-flowrate scheduling model considering detailed thermal characteristics. International Journal of Energy Research, 2021, 45, 4081-4097.	2.2	12
13	Transient Stability and Current Injection Design of Paralleled Current-Controlled VSCs and Virtual Synchronous Generators. IEEE Transactions on Smart Grid, 2021, 12, 1118-1134.	6.2	41
14	Hierarchical Bipartite Graph Matching Method for Transactive V2V Power Exchange in Distribution Power System. IEEE Transactions on Smart Grid, 2021, 12, 301-311.	6.2	31
15	Stability Analysis and Location Optimization Method for Multiconverter Power Systems Based on Nodal Admittance Matrix. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 529-538.	3.7	32
16	A Task-Based Day-Ahead Load Forecasting Model for Stochastic Economic Dispatch. IEEE Transactions on Power Systems, 2021, 36, 5294-5304.	4.6	28
17	Coordinated Operation of Concentrating Solar Power Plant and Wind Farm for Frequency Regulation. Journal of Modern Power Systems and Clean Energy, 2021, 9, 751-759.	3.3	17
18	Stimulus-response control strategy based on autonomous decentralized system theory for exploitation of flexibility by virtual power plant. Applied Energy, 2021, 285, 116424.	5.1	22

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19	Internet Data Center Load Modeling for Demand Response Considering the Coupling of Multiple Regulation Methods. IEEE Transactions on Smart Grid, 2021, 12, 2060-2076.	6.2	30
20	Model-Free Lossless Data Compression for Real-Time Low-Latency Transmission in Smart Grids. IEEE Transactions on Smart Grid, 2021, 12, 2601-2610.	6.2	7
21	Incentive-Compatible Demand Response for Spatially Coupled Internet Data Centers in Electricity Markets. IEEE Transactions on Smart Grid, 2021, 12, 3056-3069.	6.2	17
22	Resilience-Oriented Transmission Line Fragility Modeling and Real-Time Risk Assessment of Thunderstorms. IEEE Transactions on Power Delivery, 2021, 36, 2363-2373.	2.9	18
23	Short-term nodal load forecasting based on machine learning techniques. International Transactions on Electrical Energy Systems, 2021, 31, e13016.	1.2	2
24	An adaptive decentralized economic dispatch method for virtual power plant. Applied Energy, 2021, 300, 117347.	5.1	18
25	Multi-Criteria Decision-Making and Robust Optimization Methodology for Generator Sizing of a Microgrid. IEEE Access, 2021, 9, 142264-142275.	2.6	8
26	Intelligent Detection of Vegetation Encroachment of Power Lines With Advanced Stereovision. IEEE Transactions on Power Delivery, 2021, 36, 3477-3485.	2.9	16
27	Robust Optimization Methodology for Generation Sizing of a Microgrid. , 2021, , .		1
28	Multi-objective Optimization Model for Load Management in Islanded Microgrids. , 2021, , .		0
29	Data Communication Interfaces in Smart Grid Real-time Simulations: Challenges and Solutions. , 2021, , .		3
30	A Hybrid Event Detection Approach for Non-Intrusive Load Monitoring. IEEE Transactions on Smart Grid, 2020, 11, 528-540.	6.2	67
31	Dummy Data Attacks in Power Systems. IEEE Transactions on Smart Grid, 2020, 11, 1792-1795.	6.2	30
32	Modeling and Stability Analysis of Inverter-Based Microgrid Under Harmonic Conditions. IEEE Transactions on Smart Grid, 2020, 11, 1330-1342.	6.2	50
33	Aggregate carbon intensity of China's thermal electricity generation: The inequality analysis and nested spatial decomposition. Journal of Cleaner Production, 2020, 247, 119139.	4.6	32
34	Customer directrix load-based large-scale demand response for integrating renewable energy sources. Electric Power Systems Research, 2020, 181, 106175.	2.1	26
35	Power System Intra-Interval Operational Security Under False Data Injection Attacks. IEEE Transactions on Industrial Informatics, 2020, 16, 4997-5008.	7.2	10
36	A Parallel Solution for the Resilient Operation of Power Systems in Geomagnetic Storms. IEEE Transactions on Smart Grid, 2020, 11, 3483-3495.	6.2	11

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37	Decentralized transfer of contingency reserve: Framework and methodology. <i>Applied Energy</i> , 2020, 278, 115703.	5.1	10
38	Optimally Coordinated Expansion Planning of Coupled Electricity, Heat and Natural Gas Infrastructure for Multi-Energy System. <i>IEEE Access</i> , 2020, 8, 91139-91149.	2.6	24
39	A Multi-Timescale Two-Stage Robust Grid-Friendly Dispatch Model for Microgrid Operation. <i>IEEE Access</i> , 2020, 8, 74267-74279.	2.6	22
40	Multi-time Scale Optimal Power Flow Strategy for Medium-voltage DC Power Grid Considering Different Operation Modes. <i>Journal of Modern Power Systems and Clean Energy</i> , 2020, 8, 46-54.	3.3	12
41	Medium and Long-Term Electricity Trading Considering Renewable Energy Participation. <i>IEEE Access</i> , 2020, 8, 35290-35298.	2.6	5
42	Transient Angle Stability of Paralleled Synchronous and Virtual Synchronous Generators in Islanded Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 8751-8765.	5.4	121
43	Coordinated Control Strategy for Operation Mode Switching of DC Distribution Networks. <i>Journal of Modern Power Systems and Clean Energy</i> , 2020, 8, 334-344.	3.3	5
44	Hierarchical dispatching method based on Hungarian algorithm for reducing the battery degradation cost of EVs participating in frequency regulation. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 5617-5625.	1.4	6
45	Dynamic Equivalent Modeling for Multi-Microgrid Based on Structure Preservation Method. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 3929-3942.	6.2	51
46	Fast Screening of High-Risk Lines Under False Data Injection Attacks. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4003-4014.	6.2	35
47	Transient Angle Stability of Virtual Synchronous Generators Using Lyapunov's Direct Method. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4648-4661.	6.2	212
48	EV Charging Schedule in Coupled Constrained Networks of Transportation and Power System. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4706-4716.	6.2	86
49	Distribution System State Estimation: A Semidefinite Programming Approach. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4369-4378.	6.2	31
50	Coordinated development of thermal power generation in Beijing-Tianjin-Hebei region: Evidence from decomposition and scenario analysis for carbon dioxide emission. <i>Journal of Cleaner Production</i> , 2019, 232, 1402-1417.	4.6	43
51	Optimization of Power Supply Capacity of Distribution Network Considering the Participation of Power Sales Companies in Spot Power Trading. <i>IEEE Access</i> , 2019, 7, 99651-99657.	2.6	6
52	Evaluating and Increasing the Renewable Energy Share of Customers' Electricity Consumption. <i>IEEE Access</i> , 2019, 7, 129200-129214.	2.6	17
53	Identification of Cascading Failure Initiated by Hidden Multiple-Branch Contingency. <i>IEEE Transactions on Reliability</i> , 2019, 68, 149-160.	3.5	7
54	Transient Characteristics of Synchronverters Subjected to Asymmetric Faults. <i>IEEE Transactions on Power Delivery</i> , 2019, 34, 1171-1183.	2.9	29

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55	Parameter Stability Region Analysis of Islanded Microgrid Based on Bifurcation Theory. IEEE Transactions on Smart Grid, 2019, 10, 6580-6591.	6.2	49
56	Optimal Planning of Integrated Electricity-Gas System With Demand Side Management. IEEE Access, 2019, 7, 176790-176798.	2.6	15
57	Revealing Impacts of Cyber Attacks on Power Grids Vulnerability to Cascading Failures. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1058-1062.	2.2	25
58	Intra-Interval Security Assessment in Power Systems With High Wind Penetration. IEEE Transactions on Sustainable Energy, 2019, 10, 1890-1903.	5.9	12
59	False Data Injection Attacks Induced Sequential Outages in Power Systems. IEEE Transactions on Power Systems, 2019, 34, 1513-1523.	4.6	126
60	Intra-Interval Security Based Dispatch for Power Systems With High Wind Penetration. IEEE Transactions on Power Systems, 2019, 34, 1243-1255.	4.6	13
61	Screening Hidden N- k Line Contingencies in Smart Grids Using a Multi-Stage Model. IEEE Transactions on Smart Grid, 2019, 10, 1280-1289.	6.2	22
62	A Mixed Integer Programming Model for Evaluating the Hidden Probabilities of $\<math>\<math>$ Line Contingencies in Smart Grids. IEEE Transactions on Smart Grid, 2019, 10, 1036-1045.	6.2	18
63	Robust Measurement Placement for Distribution System State Estimation. IEEE Transactions on Sustainable Energy, 2019, 10, 364-374.	5.9	33
64	Mitigating False Data Attacks Induced Overloads Using a Corrective Dispatch Scheme. IEEE Transactions on Smart Grid, 2019, 10, 3081-3091.	6.2	55
65	Network security-aware charging of electric vehicles. International Journal of Electrical Power and Energy Systems, 2018, 100, 42-49.	3.3	7
66	Optimal Power Flow in Stand-Alone DC Microgrids. IEEE Transactions on Power Systems, 2018, 33, 5496-5506.	4.6	115
67	An Intra-Interval Security Risk Regarding Regulation Burden Due to Wind Variation in High-Wind-Penetrated Power Systems. IEEE Transactions on Power Systems, 2018, 33, 3213-3216.	4.6	17
68	Security and Cloud Outsourcing Framework for Economic Dispatch. IEEE Transactions on Smart Grid, 2018, 9, 5810-5819.	6.2	5
69	Robust Coordinated Transmission and Generation Expansion Planning Considering Ramping Requirements and Construction Periods. IEEE Transactions on Power Systems, 2018, 33, 268-280.	4.6	78
70	Deliverable Robust Ramping Products in Real-Time Markets. IEEE Transactions on Power Systems, 2018, 33, 5-18.	4.6	27
71	Impacts and benefits of UPFC to wind power integration in unit commitment. Renewable Energy, 2018, 116, 570-583.	4.3	25
72	Multiple Solutions of Transmission Line Switching in Power Systems. IEEE Transactions on Power Systems, 2018, 33, 1118-1120.	4.6	6

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73	An Anti-islanding Protection for Inverters in Distributed Generation. , 2018, , .		4
74	Small-Signal Modeling and Analysis of VSM for Distributed Generation in a Weak Grid. , 2018, , .		4
75	An Overview of Non-Intrusive Load Monitoring: Approaches, Business Applications, and Challenges. , 2018, , .		50
76	Grid-side flexibility of power systems in integrating large-scale renewable generations: A critical review on concepts, formulations and solution approaches. Renewable and Sustainable Energy Reviews, 2018, 93, 272-284.	8.2	76
77	Cyber Cascades Screening Considering the Impacts of False Data Injection Attacks. IEEE Transactions on Power Systems, 2018, 33, 6545-6556.	4.6	66
78	Intelligent data attacks against power systems using incomplete network information: a review. Journal of Modern Power Systems and Clean Energy, 2018, 6, 630-641.	3.3	21
79	Preventive Mitigation Strategy for the Hidden N-k Line Contingencies in Power Systems. IEEE Transactions on Reliability, 2018, 67, 1060-1070.	3.5	9
80	Optimal Protection Strategy Against False Data Injection Attacks in Power Systems. IEEE Transactions on Smart Grid, 2017, 8, 1802-1810.	6.2	84
81	False Data Attacks Against AC State Estimation With Incomplete Network Information. IEEE Transactions on Smart Grid, 2017, 8, 2239-2248.	6.2	190
82	Local Topology Attacks in Smart Grids. IEEE Transactions on Smart Grid, 2017, 8, 2617-2626.	6.2	77
83	MIP Reformulation for Max-Min Problems in Two-Stage Robust SCUC. IEEE Transactions on Power Systems, 2017, 32, 1237-1247.	4.6	44
84	Stochastic Scheduling of Battery-Based Energy Storage Transportation System With the Penetration of Wind Power. IEEE Transactions on Sustainable Energy, 2017, 8, 135-144.	5.9	92
85	Long-Term Planning with Battery-Based Energy Storage Transportation in Power System. , 2017, , .		6
86	Networked Microgrids: Exploring the Possibilities of the IIT-Bronzeville Grid. IEEE Power and Energy Magazine, 2017, 15, 63-71.	1.6	101
87	False data attack models, impact analyses and defense strategies in the electricity grid. Electricity Journal, 2017, 30, 35-42.	1.3	47
88	Cyber Attacks Against the Economic Operation of Power Systems: A Fast Solution. IEEE Transactions on Smart Grid, 2017, 8, 1023-1025.	6.2	73
89	Robust Integration of High-Level Dispatchable Renewables in Power System Operation. IEEE Transactions on Sustainable Energy, 2017, 8, 826-835.	5.9	29
90	Protection Scheme for Loop-Based Microgrids. IEEE Transactions on Smart Grid, 2017, 8, 1340-1349.	6.2	45

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91	Uncertainty Marginal Price, Transmission Reserve, and Day-Ahead Market Clearing With Robust Unit Commitment. IEEE Transactions on Power Systems, 2017, 32, 1782-1795.	4.6	81
92	Constant Jacobian Matrix-Based Stochastic Galerkin Method for Probabilistic Load Flow. Energies, 2016, 9, 153.	1.6	11
93	MTD-inspired state estimation based on random measurements selection. , 2016, , .		4
94	Multi-market bidding strategy considering probabilistic real time ancillary service deployment. , 2016, , .		3
95	Load sampling for scuc based on principal component analysis and kernel density estimation. , 2016, , .		4
96	Integrated planning of BEV public fast-charging stations. Electricity Journal, 2016, 29, 62-77.	1.3	15
97	Masking Transmission Line Outages via False Data Injection Attacks. IEEE Transactions on Information Forensics and Security, 2016, 11, 1592-1602.	4.5	86
98	Pricing energy and flexibility in robust Security-Constrained Unit Commitment model. , 2016, , .		2
99	Identifying hot socket problem in smart meters. , 2016, , .		1
100	Microgrids for Enhancing the Power Grid Resilience in Extreme Conditions. IEEE Transactions on Smart Grid, 2016, , 1-1.	6.2	122
101	Revealing the Impact of Multiple Solutions in DCOPF on the Risk Assessment of Line Cascading Failure in OPA Model. IEEE Transactions on Power Systems, 2016, 31, 4159-4160.	4.6	25
102	Power System Risk Assessment in Cyber Attacks Considering the Role of Protection Systems. IEEE Transactions on Smart Grid, 2016, , 1-1.	6.2	103
103	A Lagrangian Decomposition Approach to Energy Storage Transportation Scheduling in Power Systems. IEEE Transactions on Power Systems, 2016, 31, 4348-4356.	4.6	42
104	Necessary Conditions of Line Congestions in Uncertainty Accommodation. IEEE Transactions on Power Systems, 2016, 31, 4165-4166.	4.6	13
105	Robust Security-Constrained Unit Commitment and Dispatch With Recourse Cost Requirement. IEEE Transactions on Power Systems, 2016, 31, 3527-3536.	4.6	85
106	Transmission Line Rating Attack in Two-Settlement Electricity Markets. IEEE Transactions on Smart Grid, 2016, 7, 1346-1355.	6.2	48
107	Cyber Risk Assessment of Transmission Lines in Smart Grids. Energies, 2015, 8, 13796-13810.	1.6	9
108	A Direct Calculation of Shift Factors Under Network Islanding. IEEE Transactions on Power Systems, 2015, 30, 1550-1551.	4.6	3

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109	Guest Editorial: Special Section on Asset Management in Smart Grid. IEEE Transactions on Smart Grid, 2015, 6, 953-954.	6.2	7
110	Modeling of Local False Data Injection Attacks With Reduced Network Information. IEEE Transactions on Smart Grid, 2015, 6, 1686-1696.	6.2	166
111	Battery-Based Energy Storage Transportation for Enhancing Power System Economics and Security. IEEE Transactions on Smart Grid, 2015, 6, 2395-2402.	6.2	98
112	Risk Assessment in Extreme Events Considering the Reliability of Protection Systems. IEEE Transactions on Smart Grid, 2015, 6, 1073-1081.	6.2	61
113	Modeling Demand Response Capability by Internet Data Centers Processing Batch Computing Jobs. IEEE Transactions on Smart Grid, 2015, 6, 737-747.	6.2	79
114	Islands in the Sun: The solar power deployment initiative at the University of the Virgin Islands. IEEE Electrification Magazine, 2015, 3, 56-67.	1.8	7
115	Trilevel Modeling of Cyber Attacks on Transmission Lines. IEEE Transactions on Smart Grid, 2015, , 1-1.	6.2	58
116	Robust Security-Constrained Unit commitment with recourse cost requirement. , 2015, , .		10
117	Optimal bidding strategy for day-ahead power market. , 2015, , .		4
118	Distributed Security-Constrained Unit Commitment for Large-Scale Power Systems. IEEE Transactions on Power Systems, 2015, 30, 1925-1936.	4.6	116
119	Renewable Energy Procurement in Illinois. Electricity Journal, 2014, 27, 43-51.	1.3	2
120	Electric Demand Response Management for Distributed Large-Scale Internet Data Centers. IEEE Transactions on Smart Grid, 2014, 5, 651-661.	6.2	62
121	Local Load Redistribution Attacks in Power Systems With Incomplete Network Information. IEEE Transactions on Smart Grid, 2014, 5, 1665-1676.	6.2	210
122	Chance-Constrained Day-Ahead Scheduling in Stochastic Power System Operation. IEEE Transactions on Power Systems, 2014, 29, 1583-1591.	4.6	209
123	Optimal budget deployment strategy against power grid interdiction. , 2013, , .		12
124	Modeling and Solution of the Large-Scale Security-Constrained Unit Commitment. IEEE Transactions on Power Systems, 2013, 28, 3524-3533.	4.6	106
125	Electric Vehicle Mobility in Transmission-Constrained Hourly Power Generation Scheduling. IEEE Transactions on Smart Grid, 2013, 4, 779-788.	6.2	90
126	New Metrics for Assessing the Reliability and Economics of Microgrids in Distribution System. IEEE Transactions on Power Systems, 2013, 28, 2852-2861.	4.6	165

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127	Development and hardware implementation of a reliable protective relay data acquisition system. International Journal of Electrical Power and Energy Systems, 2013, 44, 495-505.	3.3	6
128	Quantitative Analysis of Load Redistribution Attacks in Power Systems. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1731-1738.	4.0	170
129	Modeling and impact analysis of large scale V2G electric vehicles on the power grid. , 2012, , .		13
130	Comparison of Scenario-Based and Interval Optimization Approaches to Stochastic SCUC. IEEE Transactions on Power Systems, 2012, 27, 913-921.	4.6	271
131	Coordination of Short-Term Operation Constraints in Multi-Area Expansion Planning. IEEE Transactions on Power Systems, 2012, 27, 2242-2250.	4.6	88
132	A New Method for Spatial Power Network Planning in Complicated Environments. IEEE Transactions on Power Systems, 2012, 27, 381-389.	4.6	56
133	An improved branch current-based three-phase state estimation algorithm for distribution systems with DGs. , 2012, , .		5
134	Long-term optimal operation of micro-grid with micro-hydropower and energy storage. , 2012, , .		1
135	Hierarchical charging management strategy of plug-in Hybrid Electric Vehicles to provide regulation service. , 2012, , .		5
136	Towards Optimal Electric Demand Management for Internet Data Centers. IEEE Transactions on Smart Grid, 2012, 3, 183-192.	6.2	109
137	Reliability analysis of distributed system with DGs. , 2011, , .		8
138	A hierarchically coordinated operation framework for optimally integrating PHEVs into power grids. , 2011, , .		1
139	Impact of Natural Gas System on Risk-Constrained Midterm Hydrothermal Scheduling. IEEE Transactions on Power Systems, 2011, 26, 520-531.	4.6	44
140	Analysis of 2030 Large-Scale Wind Energy Integration in the Eastern Interconnection Using WINS. Electricity Journal, 2011, 24, 71-87.	1.3	7
141	Design of a novel phasor measurement unit-based transmission line auto reclosing scheme. IET Generation, Transmission and Distribution, 2011, 5, 806.	1.4	43
142	Modeling Load Redistribution Attacks in Power Systems. IEEE Transactions on Smart Grid, 2011, 2, 382-390.	6.2	463
143	Guest Editorial Cyber, Physical, and System Security for Smart Grid. IEEE Transactions on Smart Grid, 2011, 2, 643-644.	6.2	10
144	Phasor measurement unit based transmission line protection scheme design. Electric Power Systems Research, 2011, 81, 421-429.	2.1	36

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145	Adaptive load blinder for distance protection. International Journal of Electrical Power and Energy Systems, 2011, 33, 861-867.	3.3	23
146	An international consortium for wind integration research, education, and workforce development. , 2010, , .		0
147	Transmission congestion analysis in the Eastern Interconnection using POMS. , 2010, , .		3
148	Security-Constrained Unit Commitment With AC/DC Transmission Systems. IEEE Transactions on Power Systems, 2010, 25, 531-542.	4.6	77
149	A World-Class Smart Grid Education and Workforce Training Center. , 2010, , .		7
150	Strategic Generation Capacity Expansion Planning With Incomplete Information. IEEE Transactions on Power Systems, 2009, 24, 1002-1010.	4.6	118
151	Coordination of Midterm Outage Scheduling With Short-Term Security-Constrained Unit Commitment. IEEE Transactions on Power Systems, 2009, 24, 1818-1830.	4.6	53
152	Long-term security-constrained unit commitment for reliability analyses. , 2009, , .		0
153	Security-Constrained Unit Commitment With Natural Gas Transmission Constraints. IEEE Transactions on Power Systems, 2009, 24, 1523-1536.	4.6	355
154	Contingency-Constrained Reserve Requirements in Joint Energy and Ancillary Services Auction. IEEE Transactions on Power Systems, 2009, 24, 1457-1468.	4.6	101
155	Direct Calculation of Line Outage Distribution Factors. IEEE Transactions on Power Systems, 2009, 24, 1633-1634.	4.6	120
156	Vulnerability assessment for cascading failures in electric power systems. , 2009, , .		51
157	Component and Mode Models for the Short-Term Scheduling of Combined-Cycle Units. IEEE Transactions on Power Systems, 2009, 24, 976-990.	4.6	77
158	A new state estimation method with bad data rejection properties. , 2009, , .		1
159	A compensation scheme for CVT transient effects using artificial neural network. Electric Power Systems Research, 2008, 78, 30-38.	2.1	14
160	A novel power swing blocking scheme using adaptive neuro-fuzzy inference system. Electric Power Systems Research, 2008, 78, 1138-1146.	2.1	98
161	Security-Constrained Unit Commitment With Volatile Wind Power Generation. IEEE Transactions on Power Systems, 2008, 23, 1319-1327.	4.6	760
162	GENCO's Risk-Constrained Hydrothermal Scheduling. IEEE Transactions on Power Systems, 2008, 23, 1847-1858.	4.6	87

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163	Mixed integer programming method to solve security constrained unit commitment with restricted operating zone limits. , 2008, , .		29
164	Initial review of methods for cascading failure analysis in electric power transmission systems IEEE PES CAMS task force on understanding, prediction, mitigation and restoration of cascading failures. , 2008, , .		168
165	Adaptive dependable and secure protection systems for electric power systems. , 2008, , .		1
166	Intelligence based data acquisition system for protective relays. , 2008, , .		4
167	Destination: Perfection. IEEE Power and Energy Magazine, 2008, 6, 36-47.	1.6	39
168	Modeling and analyzing the impact of interdependency between natural gas and electricity infrastructures. , 2008, , .		16
169	Fault Classification And Fault Location Using Ann For Medium Voltage Cables: Design And Implementation. Intelligent Automation and Soft Computing, 2008, 14, 479-489.	1.6	1
170	Security-Constrained Optimal Coordination of Generation and Transmission Maintenance Outage Scheduling. IEEE Transactions on Power Systems, 2007, 22, 1302-1313.	4.6	89
171	Transmission Line Single Phase Auto Re-closing Scheme Based on Wavelet Transform and Adaptive Fuzzy Neuro Inference System. , 2007, , .		7
172	Transmission line distance protection using ANFIS and positive sequence components. , 2007, , .		7
173	A Combined Model for Analyzing the Interdependency of Electrical and Gas Systems. , 2007, , .		56
174	A Novel PMU-Based Transmission Line Protection Scheme Design. , 2007, , .		4
175	Network Reduction With Unknown Transmission Line Status. , 2007, , .		3
176	Risk-Constrained Bidding Strategy With Stochastic Unit Commitment. IEEE Transactions on Power Systems, 2007, 22, 449-458.	4.6	149
177	A Multiperiod Energy Acquisition Model for a Distribution Company With Distributed Generation and Interruptible Load. IEEE Transactions on Power Systems, 2007, 22, 588-596.	4.6	109
178	A Fuzzy Optimization Approach to PV/Battery Scheduling with Uncertainty in PV Generation. , 2006, , .		15
179	Wisdom about age [aging electricity infrastructure. IEEE Power and Energy Magazine, 2006, 4, 44-51.	1.6	22
180	Different models and properties on LMP calculations. , 2006, , .		48

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181	AC Contingency Dispatch Based on Security-Constrained Unit Commitment. IEEE Transactions on Power Systems, 2006, 21, 897-908.	4.6	178
182	Fundamentals of Power System Economics [Book Review. IEEE Power and Energy Magazine, 2006, 4, 76-78.	1.6	3
183	Case studies on the economic viability of renewable energy. , 2006, , .		5
184	Impact of Phase Shifters on Locational Prices. Journal of Energy Engineering - ASCE, 2005, 131, 52-71.	1.0	7
185	Long-Term Security-Constrained Unit Commitment: Hybrid Dantzig-Wolfe Decomposition and Subgradient Approach. IEEE Transactions on Power Systems, 2005, 20, 2093-2106.	4.6	82
186	Natural gas for generation: a solution or a problem?. IEEE Power and Energy Magazine, 2005, 3, 16-21.	1.6	15
187	Security-Constrained Unit Commitment With AC Constraints*. IEEE Transactions on Power Systems, 2005, 20, 1538-1550.	4.6	233
188	Security-Constrained Unit Commitment for Simultaneous Clearing of Energy and Ancillary Services Markets. IEEE Transactions on Power Systems, 2005, 20, 1079-1088.	4.6	120
189	Security-Constrained Unit Commitment With AC Constraints. IEEE Transactions on Power Systems, 2005, 20, 1001-1013.	4.6	208
190	Profit-based generation resource planning. IMA Journal of Management Mathematics, 2004, 15, 273-289.	1.1	10
191	Generation scheduling with thermal stress constraints. IEEE Transactions on Power Systems, 2003, 18, 1402-1409.	4.6	36
192	Network flow based algorithm on dynamic optimal dispatch. , 0, , .		2
193	Applications and economic analysis of a high reward, low risk cogeneration system. , 0, , .		0
194	Some observations on market clearing price and locational marginal price. , 0, , .		18