

# Zuyi Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

182  
papers

7,591  
citations

46  
h-index

84  
g-index

196  
ext. papers

9,514  
ext. citations

6.7  
avg, IF

6.64  
L-index

#	Paper	IF	Citations
182	Cross-grid demand response (DR) coordinating framework in energy Internet [A case of power market participation of gas DR resources. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 135, 107352	5.1	0
181	Architecture, Control, and Implementation of Networked Microgrids for Future Distribution Systems. <i>Journal of Modern Power Systems and Clean Energy</i> , <b>2022</b> , 10, 286-299	4	2
180	State identification of home appliance with transient features in residential buildings. <i>Frontiers in Energy</i> , <b>2022</b> , 16, 130-143	2.6	
179	Hybrid Robust Tri-level Defense Model Against Multi-period Uncertain Attacks. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 1-1	10.7	2
178	Multi-Criteria Decision-Making and Robust Optimization Methodology for Generator Sizing of a Microgrid. <i>IEEE Access</i> , <b>2021</b> , 9, 142264-142275	3.5	1
177	Stimulus-response control strategy based on autonomous decentralized system theory for exploitation of flexibility by virtual power plant. <i>Applied Energy</i> , <b>2021</b> , 285, 116424	10.7	9
176	Internet Data Center Load Modeling for Demand Response Considering the Coupling of Multiple Regulation Methods. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 2060-2076	10.7	4
175	Model-Free Lossless Data Compression for Real-Time Low-Latency Transmission in Smart Grids. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 2601-2610	10.7	2
174	Aggregated Model of Data Network for the Provision of Demand Response in Generation and Transmission Expansion Planning. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 512-523	10.7	9
173	A complete machine learning approach for predicting lithium-ion cell combustion. <i>Electricity Journal</i> , <b>2021</b> , 34, 106887	2.6	0
172	Bi-Level Robust Optimization for Distribution System With Multiple Microgrids Considering Uncertainty Distribution Locational Marginal Price. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 1104-1117	10.7	20
171	Load Photo: A Novel Analysis Method for Load Data. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 1394-1404	10.7	0
170	Stochastic model predictive control operation strategy of integrated energy system based on temperature-flowrate scheduling model considering detailed thermal characteristics. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 4081-4097	4.5	5
169	Transient Stability and Current Injection Design of Paralleled Current-Controlled VSCs and Virtual Synchronous Generators. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 1118-1134	10.7	14
168	Hierarchical Bipartite Graph Matching Method for Transactive V2V Power Exchange in Distribution Power System. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 301-311	10.7	11
167	Stability Analysis and Location Optimization Method for Multiconverter Power Systems Based on Nodal Admittance Matrix. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2021</b> , 9, 529-538	5.6	18
166	A Task-Based Day-Ahead Load Forecasting Model for Stochastic Economic Dispatch. <i>IEEE Transactions on Power Systems</i> , <b>2021</b> , 1-1	7	6

165	Coordinated Operation of Concentrating Solar Power Plant and Wind Farm for Frequency Regulation. <i>Journal of Modern Power Systems and Clean Energy</i> , <b>2021</b> , 9, 751-759	4	0
164	A Secure Dispatch Strategy subject to the Uncertainties of DLR and Wind Power. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	0
163	Proliferation of Small Data Networks for Aggregated Demand Response in Electricity Markets. <i>IEEE Transactions on Power Systems</i> , <b>2021</b> , 1-1	7	0
162	Incentive-Compatible Demand Response for Spatially Coupled Internet Data Centers in Electricity Markets. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 3056-3069	10.7	5
161	Resilience-Oriented Transmission Line Fragility Modeling and Real-Time Risk Assessment of Thunderstorms. <i>IEEE Transactions on Power Delivery</i> , <b>2021</b> , 36, 2363-2373	4.3	1
160	Short-term nodal load forecasting based on machine learning techniques. <i>International Transactions on Electrical Energy Systems</i> , <b>2021</b> , 31, e13016	2.2	1
159	An adaptive decentralized economic dispatch method for virtual power plant. <i>Applied Energy</i> , <b>2021</b> , 300, 117347	10.7	2
158	Optimally Coordinated Expansion Planning of Coupled Electricity, Heat and Natural Gas Infrastructure for Multi-Energy System. <i>IEEE Access</i> , <b>2020</b> , 8, 91139-91149	3.5	12
157	A Multi-Timescale Two-Stage Robust Grid-Friendly Dispatch Model for Microgrid Operation. <i>IEEE Access</i> , <b>2020</b> , 8, 74267-74279	3.5	8
156	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> , <b>2020</b> , 8, 46-54	4	2
155	Medium and Long-Term Electricity Trading Considering Renewable Energy Participation. <i>IEEE Access</i> , <b>2020</b> , 8, 35290-35298	3.5	1
154	. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 8751-8765	7.2	42
153	Coordinated Control Strategy for Operation Mode Switching of DC Distribution Networks. <i>Journal of Modern Power Systems and Clean Energy</i> , <b>2020</b> , 8, 334-344	4	2
152	Intelligent Detection of Vegetation Encroachment of Power Lines With Advanced Stereovision. <i>IEEE Transactions on Power Delivery</i> , <b>2020</b> , 1-1	4.3	3
151	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> , <b>2020</b> , 14, 5617-5625	2.5	2
150	Aggregate carbon intensity of China's thermal electricity generation: The inequality analysis and nested spatial decomposition. <i>Journal of Cleaner Production</i> , <b>2020</b> , 247, 119139	10.3	17
149	Customer directrix load-based large-scale demand response for integrating renewable energy sources. <i>Electric Power Systems Research</i> , <b>2020</b> , 181, 106175	3.5	8
148	Power System Intra-Interval Operational Security Under False Data Injection Attacks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 4997-5008	11.9	6

147	A Parallel Solution for the Resilient Operation of Power Systems in Geomagnetic Storms. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 3483-3495	10.7	4
146	Decentralized transfer of contingency reserve: Framework and methodology. <i>Applied Energy</i> , <b>2020</b> , 278, 115703	10.7	1
145	A Hybrid Event Detection Approach for Non-Intrusive Load Monitoring. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 528-540	10.7	30
144	Dummy Data Attacks in Power Systems. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 1792-1795	10.7	18
143	. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 1330-1342	10.7	25
142	Identification of Cascading Failure Initiated by Hidden Multiple-Branch Contingency. <i>IEEE Transactions on Reliability</i> , <b>2019</b> , 68, 149-160	4.6	4
141	Transient Characteristics of Synchronverters Subjected to Asymmetric Faults. <i>IEEE Transactions on Power Delivery</i> , <b>2019</b> , 34, 1171-1183	4.3	17
140	. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 6580-6591	10.7	29
139	Dynamic Equivalent Modeling for Multi-Microgrid Based on Structure Preservation Method. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 3929-3942	10.7	30
138	. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 4003-4014	10.7	19
137	Transient Angle Stability of Virtual Synchronous Generators Using Lyapunov's Direct Method. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 4648-4661	10.7	67
136	EV Charging Schedule in Coupled Constrained Networks of Transportation and Power System. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 4706-4716	10.7	45
135	Distribution System State Estimation: A Semidefinite Programming Approach. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 4369-4378	10.7	13
134	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> , <b>2019</b> , 232, 1402-1417	10.3	20
133	Optimization of Power Supply Capacity of Distribution Network Considering the Participation of Power Sales Companies in Spot Power Trading. <i>IEEE Access</i> , <b>2019</b> , 7, 99651-99657	3.5	2
132	Evaluating and Increasing the Renewable Energy Share of Customers' Electricity Consumption. <i>IEEE Access</i> , <b>2019</b> , 7, 129200-129214	3.5	10
131	Optimal Planning of Integrated Electricity-Gas System With Demand Side Management. <i>IEEE Access</i> , <b>2019</b> , 7, 176790-176798	3.5	5
130	Revealing Impacts of Cyber Attacks on Power Grids Vulnerability to Cascading Failures. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2019</b> , 66, 1058-1062	3.5	14

129	Intra-Interval Security Assessment in Power Systems With High Wind Penetration. <i>IEEE Transactions on Sustainable Energy</i> , <b>2019</b> , 10, 1890-1903	8.2	7
128	False Data Injection Attacks Induced Sequential Outages in Power Systems. <i>IEEE Transactions on Power Systems</i> , <b>2019</b> , 34, 1513-1523	7	60
127	Intra-Interval Security Based Dispatch for Power Systems With High Wind Penetration. <i>IEEE Transactions on Power Systems</i> , <b>2019</b> , 34, 1243-1255	7	9
126	. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 1280-1289	10.7	16
125	A Mixed Integer Programming Model for Evaluating the Hidden Probabilities of $N-k$ Line Contingencies in Smart Grids. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 1036-1045	10.7	10
124	Robust Measurement Placement for Distribution System State Estimation. <i>IEEE Transactions on Sustainable Energy</i> , <b>2019</b> , 10, 364-374	8.2	13
123	. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 3081-3091	10.7	36
122	Network security-aware charging of electric vehicles. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2018</b> , 100, 42-49	5.1	6
121	Optimal Power Flow in Stand-Alone DC Microgrids. <i>IEEE Transactions on Power Systems</i> , <b>2018</b> , 33, 5496-5506		79
120	An Intra-Interval Security Risk Regarding Regulation Burden Due to Wind Variation in High-Wind-Penetrated Power Systems. <i>IEEE Transactions on Power Systems</i> , <b>2018</b> , 33, 3213-3216	7	11
119	Security and Cloud Outsourcing Framework for Economic Dispatch. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 5810-5819	10.7	4
118	Robust Coordinated Transmission and Generation Expansion Planning Considering Ramping Requirements and Construction Periods. <i>IEEE Transactions on Power Systems</i> , <b>2018</b> , 33, 268-280	7	59
117	Deliverable Robust Ramping Products in Real-Time Markets. <i>IEEE Transactions on Power Systems</i> , <b>2018</b> , 33, 5-18	7	20
116	Impacts and benefits of UPFC to wind power integration in unit commitment. <i>Renewable Energy</i> , <b>2018</b> , 116, 570-583	8.1	12
115	Intelligent data attacks against power systems using incomplete network information: a review. <i>Journal of Modern Power Systems and Clean Energy</i> , <b>2018</b> , 6, 630-641	4	11
114	Preventive Mitigation Strategy for the Hidden $N-k$ Line Contingencies in Power Systems. <i>IEEE Transactions on Reliability</i> , <b>2018</b> , 67, 1060-1070	4.6	4
113	Multiple Solutions of Transmission Line Switching in Power Systems. <i>IEEE Transactions on Power Systems</i> , <b>2018</b> , 33, 1118-1120	7	4
112	An Anti-islanding Protection for Inverters in Distributed Generation <b>2018</b> ,		3

111	An Overview of Non-Intrusive Load Monitoring: Approaches, Business Applications, and Challenges <b>2018,</b>		17
110	Grid-side flexibility of power systems in integrating large-scale renewable generations: A critical review on concepts, formulations and solution approaches. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 93, 272-284	16.2	46
109	Cyber Cascades Screening Considering the Impacts of False Data Injection Attacks. <i>IEEE Transactions on Power Systems</i> , <b>2018</b> , 33, 6545-6556	7	39
108	. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 1802-1810	10.7	54
107	. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 2239-2248	10.7	122
106	. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 2617-2626	10.7	49
105	MIP Reformulation for Max-Min Problems in Two-Stage Robust SCUC. <i>IEEE Transactions on Power Systems</i> , <b>2017</b> , 32, 1237-1247	7	38
104	Stochastic Scheduling of Battery-Based Energy Storage Transportation System With the Penetration of Wind Power. <i>IEEE Transactions on Sustainable Energy</i> , <b>2017</b> , 8, 135-144	8.2	67
103	Long-Term Planning with Battery-Based Energy Storage Transportation in Power System <b>2017,</b>		4
102	Networked Microgrids: Exploring the Possibilities of the IIT-Bronzeville Grid. <i>IEEE Power and Energy Magazine</i> , <b>2017</b> , 15, 63-71	2.4	58
101	False data attack models, impact analyses and defense strategies in the electricity grid. <i>Electricity Journal</i> , <b>2017</b> , 30, 35-42	2.6	33
100	Cyber Attacks Against the Economic Operation of Power Systems: A Fast Solution. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 1023-1025	10.7	44
99	Robust Integration of High-Level Dispatchable Renewables in Power System Operation. <i>IEEE Transactions on Sustainable Energy</i> , <b>2017</b> , 8, 826-835	8.2	20
98	Protection Scheme for Loop-Based Microgrids. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 1340-1349	10.7	34
97	. <i>IEEE Transactions on Power Systems</i> , <b>2017</b> , 32, 1782-1795	7	53
96	. <i>IEEE Transactions on Smart Grid</i> , <b>2016</b> , 7, 1346-1355	10.7	41
95	Pricing energy and flexibility in robust Security-Constrained Unit Commitment model <b>2016,</b>		2
94	Microgrids for Enhancing the Power Grid Resilience in Extreme Conditions. <i>IEEE Transactions on Smart Grid</i> , <b>2016</b> , 1-1	10.7	76

93	Revealing the Impact of Multiple Solutions in DCOPT on the Risk Assessment of Line Cascading Failure in OPA Model. <i>IEEE Transactions on Power Systems</i> , <b>2016</b> , 31, 4159-4160	7	14
92	Power System Risk Assessment in Cyber Attacks Considering the Role of Protection Systems. <i>IEEE Transactions on Smart Grid</i> , <b>2016</b> , 1-1	10.7	69
91	A Lagrangian Decomposition Approach to Energy Storage Transportation Scheduling in Power Systems. <i>IEEE Transactions on Power Systems</i> , <b>2016</b> , 31, 4348-4356	7	26
90	Necessary Conditions of Line Congestions in Uncertainty Accommodation. <i>IEEE Transactions on Power Systems</i> , <b>2016</b> , 31, 4165-4166	7	13
89	Robust Security-Constrained Unit Commitment and Dispatch With Recourse Cost Requirement. <i>IEEE Transactions on Power Systems</i> , <b>2016</b> , 31, 3527-3536	7	66
88	Constant Jacobian Matrix-Based Stochastic Galerkin Method for Probabilistic Load Flow. <i>Energies</i> , <b>2016</b> , 9, 153	3.1	10
87	MTD-inspired state estimation based on random measurements selection <b>2016</b> ,		2
86	Multi-market bidding strategy considering probabilistic real time ancillary service deployment <b>2016</b> ,		1
85	Load sampling for scuc based on principal component analysis and kernel density estimation <b>2016</b> ,		3
84	Integrated planning of BEV public fast-charging stations. <i>Electricity Journal</i> , <b>2016</b> , 29, 62-77	2.6	13
83	Masking Transmission Line Outages via False Data Injection Attacks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2016</b> , 11, 1592-1602	8	62
82	Modeling Demand Response Capability by Internet Data Centers Processing Batch Computing Jobs. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 737-747	10.7	42
81	Islands in the Sun: The solar power deployment initiative at the University of the Virgin Islands.. <i>IEEE Electrification Magazine</i> , <b>2015</b> , 3, 56-67	2.6	5
80	. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 1-1	10.7	41
79	<b>2015</b> ,		9
78	Optimal bidding strategy for day-ahead power market <b>2015</b> ,		3
77	Distributed Security-Constrained Unit Commitment for Large-Scale Power Systems. <i>IEEE Transactions on Power Systems</i> , <b>2015</b> , 30, 1925-1936	7	80
76	Cyber Risk Assessment of Transmission Lines in Smart Grids. <i>Energies</i> , <b>2015</b> , 8, 13796-13810	3.1	9

75	A Direct Calculation of Shift Factors Under Network Islanding. <i>IEEE Transactions on Power Systems</i> , <b>2015</b> , 30, 1550-1551	7	3
74	. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 1686-1696	10.7	124
73	Battery-Based Energy Storage Transportation for Enhancing Power System Economics and Security. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 2395-2402	10.7	63
72	. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 1073-1081	10.7	40
71	Electric Demand Response Management for Distributed Large-Scale Internet Data Centers. <i>IEEE Transactions on Smart Grid</i> , <b>2014</b> , 5, 651-661	10.7	38
70	Local Load Redistribution Attacks in Power Systems With Incomplete Network Information. <i>IEEE Transactions on Smart Grid</i> , <b>2014</b> , 5, 1665-1676	10.7	141
69	Chance-Constrained Day-Ahead Scheduling in Stochastic Power System Operation. <i>IEEE Transactions on Power Systems</i> , <b>2014</b> , 29, 1583-1591	7	148
68	Renewable Energy Procurement in Illinois. <i>Electricity Journal</i> , <b>2014</b> , 27, 43-51	2.6	2
67	Optimal budget deployment strategy against power grid interdiction <b>2013</b> ,		10
66	Modeling and Solution of the Large-Scale Security-Constrained Unit Commitment. <i>IEEE Transactions on Power Systems</i> , <b>2013</b> , 28, 3524-3533	7	78
65	Electric Vehicle Mobility in Transmission-Constrained Hourly Power Generation Scheduling. <i>IEEE Transactions on Smart Grid</i> , <b>2013</b> , 4, 779-788	10.7	58
64	New Metrics for Assessing the Reliability and Economics of Microgrids in Distribution System. <i>IEEE Transactions on Power Systems</i> , <b>2013</b> , 28, 2852-2861	7	117
63	Development and hardware implementation of a reliable protective relay data acquisition system. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2013</b> , 44, 495-505	5.1	5
62	Towards Optimal Electric Demand Management for Internet Data Centers. <i>IEEE Transactions on Smart Grid</i> , <b>2012</b> , 3, 183-192	10.7	81
61	Quantitative Analysis of Load Redistribution Attacks in Power Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2012</b> , 23, 1731-1738	3.7	133
60	Modeling and impact analysis of large scale V2G electric vehicles on the power grid <b>2012</b> ,		8
59	Comparison of Scenario-Based and Interval Optimization Approaches to Stochastic SCUC. <i>IEEE Transactions on Power Systems</i> , <b>2012</b> , 27, 913-921	7	219
58	False Data Injection Attacks in Smart Grid <b>2012</b> , 1		1



57	Coordination of Short-Term Operation Constraints in Multi-Area Expansion Planning. <i>IEEE Transactions on Power Systems</i> , <b>2012</b> , 27, 2242-2250	7	66
56	A New Method for Spatial Power Network Planning in Complicated Environments. <i>IEEE Transactions on Power Systems</i> , <b>2012</b> , 27, 381-389	7	36
55	An improved branch current-based three-phase state estimation algorithm for distribution systems with DGs <b>2012</b> ,		5
54	Hierarchical charging management strategy of plug-in Hybrid Electric Vehicles to provide regulation service <b>2012</b> ,		4
53	Reliability analysis of distributed system with DGs <b>2011</b> ,		3
52	A hierarchically coordinated operation framework for optimally integrating PHEVs into power grids <b>2011</b> ,		1
51	Impact of Natural Gas System on Risk-Constrained Midterm Hydrothermal Scheduling. <i>IEEE Transactions on Power Systems</i> , <b>2011</b> , 26, 520-531	7	37
50	Analysis of 2030 Large-Scale Wind Energy Integration in the Eastern Interconnection Using WINS. <i>Electricity Journal</i> , <b>2011</b> , 24, 71-87	2.6	6
49	Design of a novel phasor measurement unit-based transmission line auto reclosing scheme. <i>IET Generation, Transmission and Distribution</i> , <b>2011</b> , 5, 806	2.5	35
48	Modeling Load Redistribution Attacks in Power Systems. <i>IEEE Transactions on Smart Grid</i> , <b>2011</b> , 2, 382-390	10.7	310
47	Guest Editorial Cyber, Physical, and System Security for Smart Grid. <i>IEEE Transactions on Smart Grid</i> , <b>2011</b> , 2, 643-644	10.7	8
46	Phasor measurement unit based transmission line protection scheme design. <i>Electric Power Systems Research</i> , <b>2011</b> , 81, 421-429	3.5	26
45	Adaptive load blinder for distance protection. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2011</b> , 33, 861-867	5.1	22
44	Transmission congestion analysis in the Eastern Interconnection using POMS <b>2010</b> ,		1
43	Security-Constrained Unit Commitment With AC/DC Transmission Systems. <i>IEEE Transactions on Power Systems</i> , <b>2010</b> , 25, 531-542	7	57
42	Strategic Generation Capacity Expansion Planning With Incomplete Information. <i>IEEE Transactions on Power Systems</i> , <b>2009</b> , 24, 1002-1010	7	95
41	Coordination of Midterm Outage Scheduling With Short-Term Security-Constrained Unit Commitment. <i>IEEE Transactions on Power Systems</i> , <b>2009</b> , 24, 1818-1830	7	38
40	Security-Constrained Unit Commitment With Natural Gas Transmission Constraints. <i>IEEE Transactions on Power Systems</i> , <b>2009</b> , 24, 1523-1536	7	277

39	Contingency-Constrained Reserve Requirements in Joint Energy and Ancillary Services Auction. <i>IEEE Transactions on Power Systems</i> , <b>2009</b> , 24, 1457-1468	7	83
38	Direct Calculation of Line Outage Distribution Factors. <i>IEEE Transactions on Power Systems</i> , <b>2009</b> , 24, 1633-1634	7	92
37	Vulnerability assessment for cascading failures in electric power systems <b>2009</b> ,		30
36	Component and Mode Models for the Short-Term Scheduling of Combined-Cycle Units. <i>IEEE Transactions on Power Systems</i> , <b>2009</b> , 24, 976-990	7	56
35	A new state estimation method with bad data rejection properties <b>2009</b> ,		1
34	Security-Constrained Unit Commitment With Volatile Wind Power Generation. <i>IEEE Transactions on Power Systems</i> , <b>2008</b> , 23, 1319-1327	7	593
33	GENCO's Risk-Constrained Hydrothermal Scheduling. <i>IEEE Transactions on Power Systems</i> , <b>2008</b> , 23, 1847-1858	7	72
32	Mixed integer programming method to solve security constrained unit commitment with restricted operating zone limits <b>2008</b> ,		20
31	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 <b>2008</b> ,		90
30	Adaptive dependable and secure protection systems for electric power systems <b>2008</b> ,		1
29	Intelligence based data acquisition system for protective relays <b>2008</b> ,		1
28	. <i>IEEE Power and Energy Magazine</i> , <b>2008</b> , 6, 36-47	2.4	32
27	Modeling and analyzing the impact of interdependency between natural gas and electricity infrastructures <b>2008</b> ,		11
26	Fault Classification And Fault Location Using Ann For Medium Voltage Cables: Design And Implementation. <i>Intelligent Automation and Soft Computing</i> , <b>2008</b> , 14, 479-489	2.6	1
25	A compensation scheme for CVT transient effects using artificial neural network. <i>Electric Power Systems Research</i> , <b>2008</b> , 78, 30-38	3.5	8
24	A novel power swing blocking scheme using adaptive neuro-fuzzy inference system. <i>Electric Power Systems Research</i> , <b>2008</b> , 78, 1138-1146	3.5	79
23	A Combined Model for Analyzing the Interdependency of Electrical and Gas Systems <b>2007</b> ,		40
22	Network Reduction With Unknown Transmission Line Status <b>2007</b> ,		3

21	Risk-Constrained Bidding Strategy With Stochastic Unit Commitment. <i>IEEE Transactions on Power Systems</i> , <b>2007</b> , 22, 449-458	7	120
20	A Multiperiod Energy Acquisition Model for a Distribution Company With Distributed Generation and Interruptible Load. <i>IEEE Transactions on Power Systems</i> , <b>2007</b> , 22, 588-596	7	87
19	Security-Constrained Optimal Coordination of Generation and Transmission Maintenance Outage Scheduling. <i>IEEE Transactions on Power Systems</i> , <b>2007</b> , 22, 1302-1313	7	57
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