

Anurag K Srivastava

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8865307/anurag-k-srivastava-publications-by-year.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

200 papers	3,426 citations	28 h-index	52 g-index
231 ext. papers	4,583 ext. citations	5.3 avg, IF	6.11 L-index

#	Paper	IF	Citations
200	Denoising and Detection of Bad Data in Distribution Phasor Measurements using Filtering, Clustering and Koopman Mode Analysis. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	1
199	Critical Comparative Analysis of Measurement based Centralized Online Voltage Stability Indices. <i>IEEE Transactions on Power Systems</i> , 2022 , 1-1	7	
198	DPMU-based multiple event detection in a microgrid considering measurement anomalies. <i>Applied Energy</i> , 2022 , 308, 118269	10.7	1
197	Improved Observability in Distribution Grids Using Correlational Measurements. <i>IEEE Access</i> , 2022 , 10, 27320-27329	3.5	
196	MPC-Based Decentralized Voltage Control in Power Distribution Systems with EV and PV Coordination. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	2
195	Coordinating Energy Resources in an Islanded Microgrid for Economic and Resilient Operation. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	1
194	Reachability-Based False Data Injection Attacks and Defence Mechanisms for Cyberpower System. <i>Energies</i> , 2022 , 15, 1754	3.1	0
193	A Data-Driven Algorithm for Enabling Delay Tolerance in Resilient Microgrid Controls Using Dynamic Mode Decomposition. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	1
192	Enhancing distribution system resiliency with microgrids formation using weighted average consensus. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 141, 108161	5.1	0
191	DINGO: Digital assistant to grid operators for resilience management of power distribution system. <i>Electric Power Systems Research</i> , 2022 , 210, 108076	3.5	0
190	A Hybrid Short-Term Load Forecasting Approach for Individual Residential Customer. <i>IEEE Transactions on Power Delivery</i> , 2022 , 1-1	4.3	0
189	Denoising and Bad Data Detection in Distribution Phasor Measurements using Filtering, Clustering and Koopman Mode Analysis 2021 ,		3
188	Distributed Optimization in Distribution Systems: Use Cases, Limitations, and Research Needs. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	3
187	AWR: Anticipate, Withstand, and Recover Resilience Metric for Operational and Planning Decision Support in Electric Distribution System. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	2
186	RT-RMS: A Real-Time Resiliency Management System for Operational Decision Support 2021 ,		2
185	Comparative Analysis of ML Techniques for Data-Driven Anomaly Detection, Classification and Localization in Distribution System 2021 ,		3
184	Reinventing the utility for distributed energy resources: A proposal for retail electricity markets. <i>Advances in Applied Energy</i> , 2021 , 2, 100026		7

183	Real-Time Synchrophasor Data Anomaly Detection and Classification Using Isolation Forest, KMeans, and LoOP. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 2378-2388	10.7	6
182	Blockchain-Based Privacy Preserving and Energy Saving Mechanism for Electricity Prosumers. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 1-1	8.2	2
181	Intelligent Control of Battery Storage for Resiliency Enhancement of Distribution System. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	1
180	Decentralized Voltage Stability Monitoring and Control With Distributed Computing Coordination. <i>IEEE Systems Journal</i> , 2021 , 1-10	4.3	
179	Unbundling Smart Meter Services Through Spatiotemporal Decomposition Agents in DER-Rich Environment. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	3
178	Distributed Voltage Control for Three-Phase Unbalanced Distribution Systems with DERs and Practical Constraints. <i>IEEE Transactions on Industry Applications</i> , 2021 , 1-1	4.3	0
177	Synchrophasor based ZIP Parameters Tracking using ML with Adaptive Window and Data Anomalies. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	2
176	Voltage Control Strategy for Energy Storage System in Sustainable Distribution System Operation. <i>Energies</i> , 2021 , 14, 832	3.1	6
175	Anomaly Detection, Localization and Classification Using Drifting Synchrophasor Data Streams. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 3570-3580	10.7	5
174	Resiliency-driven strategies for power distribution system development. <i>Electric Power Systems Research</i> , 2021 , 197, 107327	3.5	2
173	Data-driven operation of the resilient electric grid: A case of COVID-19. <i>Journal of Engineering</i> , 2021 , 2021, 665	0.7	2
172	TPCPF: Three-Phase Continuation Power Flow Tool for Voltage Stability Assessment of Distribution Networks With Distributed Energy Resources. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 5425-5436	4.3	2
171	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7060-7069	11.9	10
170	Synchrophasor-based Event Detection, Classification and Localization using Koopman, Transient Energy Matrix, Best Worth Method, and Dynamic Graph. <i>IEEE Transactions on Power Delivery</i> , 2021 , 1-1	4.3	2
169	Data-Driven Short-Term Voltage Stability Assessment Using Convolutional Neural Networks Considering Data Anomalies and Localization. <i>IEEE Access</i> , 2021 , 9, 128345-128358	3.5	2
168	Real-time ZIP Load Parameter Tracking using Sensitivity based Adaptive Window and Variable Elimination with Realistic Synchrophasor Data. <i>IEEE Transactions on Industry Applications</i> , 2021 , 1-1	4.3	1
167	Resilience of the electric distribution systems: concepts, classification, assessment, challenges, and research needs. <i>IET Smart Grid</i> , 2020 , 3, 133-143	2.7	19
166	CP-TRAM: Cyber-Physical Transmission Resiliency Assessment Metric. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 5114-5123	10.7	7

165	Grid Integration of Small-Scale Photovoltaic Systems in Secondary Distribution Network Review. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 3178-3195	4.3	43
164	Data-Quality Aware Distribution State Estimation Using Maximum Normal Measurement Rate. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 2061-2068	4.3	1
163	. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 2748-2758	7	22
162	Machine learning algorithm for activity-aware demand response considering energy savings and comfort requirements. <i>IET Smart Grid</i> , 2020 , 3, 730-737	2.7	2
161	Distributed Optimal Voltage Control for Three Phase Unbalanced Distribution Systems with DERs 2020 ,		1
160	Optimal Operation for Resilient and Economic Modes in an Islanded Alaskan Grid 2020 ,		3
159	Remote testing architecture for synchrophasor-based remedial action schemes. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 4060-4068	2.5	0
158	Data-Driven Event Diagnosis in Transmission Systems With Incomplete and Conflicting Alarms Given Sensor Malfunctions. <i>IEEE Transactions on Power Delivery</i> , 2020 , 35, 214-225	4.3	3
157	Synchrophasor-Based Condition Monitoring of Instrument Transformers Using Clustering Approach. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2688-2698	10.7	10
156	Data-Driven Day-Ahead PV Estimation Using Autoencoder-LSTM and Persistence Model. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 7185-7192	4.3	22
155	Hybrid voltage stability and security assessment using synchrophasors with consideration of generator Q-limits. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 4042-4051	2.5	5
154	End-to-End Remote Field Testing of Phasor Measurement Units Using Phasor Measurement Unit Performance Analyzer Test Suite. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 7067-7076	4.3	1
153	Cyber-Physical Security and Resiliency Analysis Testbed for Critical Microgrids with IEEE 2030.5 2020 ,		3
152	Effective Control and Management Scheme for Isolated and Grid Connected DC Microgrid. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 6767-6780	4.3	14
151	Real-Time Federated Cyber-Transmission-Distribution Testbed Architecture for the Resiliency Analysis. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 7121-7131	4.3	2
150	. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1055-1065	10.7	28
149	Cyber Physical Security Analytics for Transactive Energy Systems. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 931-941	10.7	28
148	A Real Time Event Detection, Classification and Localization Using Synchrophasor Data. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 4421-4431	7	20

147	Distribution Power System Resiliency Improvement Using Distributed Generation and Automated Switching 2019 ,		10
146	Designing centralised and distributed system integrity protection schemes for enhanced electric grid resiliency. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 1194-1203	2.5	5
145	DLMP using three-phase current injection OPF with renewables and demand response. <i>IET Renewable Power Generation</i> , 2019 , 13, 1160-1167	2.9	6
144	Frequency sensitivity analysis of dynamic demand response in wind farm integrated power system. <i>IET Renewable Power Generation</i> , 2019 , 13, 905-919	2.9	8
143	Cyber Physical Security Analytics for Anomalies in Transmission Protection Systems. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 6313-6323	4.3	23
142	Measuring and Enhancing Microgrid Resiliency Against Cyber Threats. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 6303-6312	4.3	18
141	Data-driven failure diagnosis in transmission protection system with multiple events and data anomalies. <i>Journal of Modern Power Systems and Clean Energy</i> , 2019 , 7, 767-778	4	18
140	Integration of flow battery for resilience enhancement of advanced distribution grids. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 109, 314-324	5.1	15
139	Control of PV-Battery System for Resiliency Improvement 2019 ,		1
138	Comparative Analysis of PMU Based Corridor Voltage Stability Indices and Enhanced Approach 2019 ,		2
137	A Real-Time Transmission-Distribution Testbed for Resiliency Analysis 2019 ,		1
136	Remote PMU Testing using Low-cost FPGA Platform and PPA following IEEE TSS 2019 ,		2
135	Cyber-Physical Vulnerability and Security Analysis of Power Grid with HVDC Line 2019 ,		9
134	CyPhyR: a cyber-physical analysis tool for measuring and enabling resiliency in microgrids. <i>IET Cyber-Physical Systems: Theory and Applications</i> , 2019 , 4, 313-321	2.5	9
133	Cognitive Flexibility of Power Grid Operator and Decision Making in Extreme Events 2019 ,		3
132	2019 ,		3
131	Generator Model Validation and Calibration using Synchrophasor Data 2019 ,		3
130	. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 5405-5415	10.7	20

129	Resilient Cyber Infrastructure for the Minimum Wind Curtailment Remedial Control Scheme. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 943-953	4.3	5
128	Ensemble-Based Algorithm for Synchrophasor Data Anomaly Detection. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 2979-2988	10.7	58
127	Quantifying Power Distribution System Resiliency Using Code-Based Metric. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 3676-3686	4.3	31
126	Guest Editorial Special Section on Cloud Computing in Smart Grid Operation and Management. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 1207-1209	11.9	
125	. <i>IEEE Transactions on Power Delivery</i> , 2018 , 33, 2207-2216	4.3	5
124	A Novel Metric to Quantify and Enable Resilient Distribution System Using Graph Theory and Choquet Integral. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 2918-2929	10.7	60
123	. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 656-664	4.3	36
122	. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 712-721	4.3	23
121	Cyber-power testbed for distributed monitoring and control 2018 ,		1
120	Cyber-security analysis of transactive energy systems 2018 ,		2
119	Modeling of Electric Distribution Feeder Using Smart Meter Data 2018 ,		5
118	A Two-Stage Fuzzy Multiobjective Optimization for Phase-Sensitive Day-Ahead Dispatch of Battery Energy Storage System. <i>IEEE Systems Journal</i> , 2018 , 12, 3649-3660	4.3	7
117	Cyber physical security analytics for transactive energy systems using ensemble machine learning 2018 ,		3
116	Data-Quality Aware State Estimation in Three-Phase Unbalanced Active Distribution System 2018 ,		3
115	ARCADES: analysis of risk from cyberattack against defensive strategies for the power grid. <i>IET Cyber-Physical Systems: Theory and Applications</i> , 2018 , 3, 119-128	2.5	7
114	Cyber Physical Security Analytics for Anomalies in Transmission Protection Systems 2018 ,		12
113	Enhancing Microgrid Resiliency Against Cyber Vulnerabilities 2018 ,		3
112	Graph-theoretic algorithms for cyber-physical vulnerability analysis of power grid with incomplete information. <i>Journal of Modern Power Systems and Clean Energy</i> , 2018 , 6, 887-899	4	12

111	Zero-Setting Algorithm for High-Speed Open Line Detection Using Synchrophasors 2018 ,		1
110	A Global Real-Time Superlab: Enabling High Penetration of Power Electronics in the Electric Grid. <i>IEEE Power Electronics Magazine</i> , 2018 , 5, 35-44	1.5	28
109	Data-Driven Static Load Model Parameter Estimation with Confidence Factor 2018 ,		6
108	Geographically distributed real-time digital simulations using linear prediction. <i>International Journal of Electrical Power and Energy Systems</i> , 2017 , 84, 308-317	5.1	20
107	Resilient cyber infrastructure for the minimum wind curtailment remedial control scheme 2017 ,		4
106	Analyzing Cyber Requirements for the Smart Grid Applications. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 151-154	0.2	
105	Optimal Control Algorithms for Reconfiguration of Shipboard Microgrid Distribution System Using Intelligent Techniques. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 474-482	4.3	49
104	Experience With a Multidisciplinary, Team-Taught Smart Grid Cyber Infrastructure Course. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 2267-2275	7	7
103	. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 5915-5926	4.3	13
102	Analyzing impact of communication network topologies on reconfiguration of networked microgrids 2016 ,		3
101	Multi-Layer Architecture for Voltage and Frequency Control in Networked Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2016 , 1-1	10.7	30
100	Cyber physical simulation and remote testing of Remedial Action Schemes 2016 ,		3
99	Decentralized voltage stability monitoring and control in the smart grid using distributed computing architecture 2016 ,		6
98	Outage Management of Distribution Systems Incorporating Information From Smart Meters. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 4144-4154	7	50
97	Quantifying power distribution system resiliency using code based metric 2016 ,		6
96	Defining and Enabling Resiliency of Electric Distribution Systems With Multiple Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 2859-2868	10.7	127
95	Integrated simulation to analyze the impact of cyber-attacks on the power grid 2015 ,		13
94	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 2444-2453	10.7	107

93	Tool for testing of phasor measurement units: PMU performance analyser. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 154-163	2.5	13
92	Applications of Real-Time Simulation Technologies in Power and Energy Systems. <i>IEEE Power and Energy Technology Systems Journal</i> , 2015 , 2, 103-115	4.3	93
91	Three-phase optimal power flow based distribution locational marginal pricing and associated price stability 2015 ,		6
90	2015 ,		17
89	Analysis of aircraft electric microgrid system with Auxiliary Power Unit using real time simulation 2015 ,		2
88	Implementation of non-intrusive energy saving estimation for Volt/VAr control of smart distribution system. <i>Electric Power Systems Research</i> , 2015 , 120, 39-46	3.5	14
87	A comparative study of model and measurement based voltage stability approaches 2015 ,		1
86	Towards application-aware data concentration schemes for advanced metering infrastructures 2015 ,		2
85	Development and Application of a Real-Time Test Bed for CyberPhysical System. <i>IEEE Systems Journal</i> , 2015 , 1-12	4.3	9
84	A Real-Time Data-Driven Algorithm for Health Diagnosis and Prognosis of a Circuit Breaker Trip Assembly. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 3822-3831	8.9	27
83	Privacy, technology, and norms: the case of Smart Meters. <i>Social Science Research</i> , 2015 , 51, 64-76	2.1	36
82	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 566-575	10.7	82
81	Real Time Modeling and Simulation of Cyber-Power System. <i>Power Systems</i> , 2015 , 43-74	0.4	7
80	Demand response for sustainable energy systems: A review, application and implementation strategy. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 45, 343-350	16.2	208
79	Energy management and control algorithms for integration of energy storage within microgrid 2014 ,		17
78	Real time implementation of intelligent reconfiguration algorithm for microgrid 2014 ,		4
77	Real time modeling and simulation of campus microgrid for voltage analysis 2014 ,		2
76	Performance analysis of a new synchrophasor based real time voltage stability monitoring (RT-VSM) tool 2014 ,		4

75	A novel optimal capacitor placement algorithm using Nelder-Mead PSO. <i>International Journal of Bio-Inspired Computation</i> , 2014 , 6, 290	2.9	5
74	Active power management in multiple microgrids using a multi-agent system with JADE 2014 ,		9
73	A novel online wide area voltage stability control algorithm for power systems: RT-VSMAC tool 2014 ,		2
72	Real-Time Implementation of Intelligent Reconfiguration Algorithm for Microgrid. <i>IEEE Transactions on Sustainable Energy</i> , 2014 , 5, 598-607	8.2	55
71	A novel hybrid approach using wavelet, firefly algorithm, and fuzzy ARTMAP for day-ahead electricity price forecasting. <i>IEEE Transactions on Power Systems</i> , 2013 , 28, 1041-1051	7	72
70	A Novel Hybrid Approach Based on Wavelet Transform and Fuzzy ARTMAP Networks for Predicting Wind Farm Power Production. <i>IEEE Transactions on Industry Applications</i> , 2013 , 49, 2253-2261	4.3	30
69	Load modeling and voltage optimization using smart meter infrastructure 2013 ,		12
68	Study Buddies: Computer Geeks and Power Freaks Are Learning Smart Systems Together at Washington State. <i>IEEE Power and Energy Magazine</i> , 2013 , 11, 39-43	2.4	2
67	Look-ahead control approach for thermostatic electric load in distribution system 2013 ,		3
66	SECPSIM: A Training Simulator for cyber-power infrastructure security 2013 ,		6
65	Development and real time implementation of a synchrophasor based fast voltage stability monitoring algorithm with consideration of load models 2013 ,		6
64	Modeling Cyber-Physical Vulnerability of the Smart Grid With Incomplete Information. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 235-244	10.7	105
63	A novel method for distributed real time voltage stability monitoring using synchrophasor measurements 2013 ,		3
62	Energy management and control for islanded microgrid using multi-agents 2013 ,		8
61	Real time testing and validation of Smart Grid devices and algorithms 2013 ,		11
60	Security-constrained unit commitment with wind generation and compressed air energy storage. <i>IET Generation, Transmission and Distribution</i> , 2012 , 6, 167	2.5	126
59	Impact of Distributed Generations With Energy Storage Devices on the Electric Grid. <i>IEEE Systems Journal</i> , 2012 , 6, 110-117	4.3	98
58	Optimal Control of Voltage and Power in a Multi-Zonal MVDC Shipboard Power System. <i>IEEE Transactions on Power Systems</i> , 2012 , 27, 642-650	7	45

57	Design and development of a new smart grid course at Washington State University 2012,		9
56	2012,		13
55	Development of a smart grid test bed and applications in PMU and PDC testing 2012,		20
54	A novel hybrid approach based on wavelet transform and fuzzy ARTMAP network for predicting wind farm power production 2012,		8
53	Analysis of the Volt/VAr control scheme for smart distribution feeders 2012,		4
52	Real Time Modeling and Control of Smart Grid Systems. <i>Green Energy and Technology</i> , 2012 , 1-26	0.6	3
51	A hybrid intelligent algorithm for short-term energy price forecasting in the Ontario market 2012,		7
50	Locational marginal price for distribution system considering demand response 2012,		18
49	Model-based integration technology for next generation electric grid simulations 2012,		4
48	Integrating STATCOM and Battery Energy Storage System for Power System Transient Stability: A Review and Application. <i>Advances in Power Electronics</i> , 2012 , 2012, 1-12		18
47	Modelling and validation of differential relay using real time digital simulator. <i>International Journal of Energy Technology and Policy</i> , 2012 , 8, 305	1	
46	A control system testbed to validate critical infrastructure protection concepts. <i>International Journal of Critical Infrastructure Protection</i> , 2011 , 4, 88-103	4.1	76
45	Impact of distributed generation with storage on electric grid stability 2011,		7
44	Wide-area monitoring and control using the real time digital simulator and a synchrophasor vector processor. <i>European Transactions on Electrical Power</i> , 2011 , 21, 1521-1530		10
43	Electricity markets: an overview and comparative study. <i>International Journal of Energy Sector Management</i> , 2011 , 5, 169-200	2.5	19
42	Modeling and Simulation of Voltage Source Converter Medium-voltage DC System for Stability Analysis. <i>Electric Power Components and Systems</i> , 2011 , 39, 1134-1150	1	3
41	Intelligent methods for smart microgrids 2011,		5
40	Resources for pre-university power engineering outreach 2011,		8

39	Real time test bed development for power system operation, control and cyber security 2010 ,		7
38	Multi-agent based reconfiguration of AC-DC shipboard distribution power system. <i>Integrated Computer-Aided Engineering</i> , 2010 , 17, 347-357	5.2	4
37	A new recursive neural network algorithm to forecast electricity price for PJM day-ahead market. <i>International Journal of Energy Research</i> , 2010 , 34, 507-522	4.5	13
36	Controls for microgrids with storage: Review, challenges, and research needs. <i>Renewable and Sustainable Energy Reviews</i> , 2010 , 14, 2009-2018	16.2	292
35	The Challenges and Policy Options for Integrating Plug-in Hybrid Electric Vehicle into the Electric Grid. <i>Electricity Journal</i> , 2010 , 23, 83-91	2.6	80
34	2009 ,		1
33	Sensitivity analysis of neural network parameters to improve the performance of electricity price forecasting. <i>International Journal of Energy Research</i> , 2009 , 33, 38-51	4.5	9
32	Small signal stability analysis of a shipboard MVDC power system 2009 ,		13
31	Distributed state estimation with PMU using grid computing 2009 ,		4
30	2009 ,		26
29	Engineering future cyber-physical energy systems: Challenges, research needs, and roadmap 2009 ,		37
28	Cognitive engineering studies of DSS and dealing with uncertainty in load for real-time adaptive power system reconfiguration 2009 ,		1
27	Comprehensive modeling and stability analysis of biomass generation 2009 ,		1
26	Distributed simulation of power systems using real-time digital simulator 2009 ,		11
25	An Effort to Optimize Similar Days Parameters for ANN-Based Electricity Price Forecasting. <i>IEEE Transactions on Industry Applications</i> , 2009 , 45, 1888-1896	4.3	35
24	Optimal control of voltage and power in a Multi Zonal Shipboard MVDC Power System 2009 ,		3
23	Power system decoupled simulation in MATLAB/SIMULINK 2008 ,		1
22	Comparison of state estimation algorithms for extreme contingencies 2008 ,		19

21	Distribution power flow for multiphase meshed or radial systems 2008 ,		2
20	Real time power system simulation using RTDS and NI PXI 2008 ,		11
19	2008 ,		2
18	Sensitivity Analysis of Similar Days Parameters for Predicting Short-Term Electricity Price 2007 ,		3
17	Developing a Survivability Index for Distribution Systems Including Islanding 2007 ,		5
16	Price Forecasting for Day-Ahead Electricity Market Using Recursive Neural Network. <i>IEEE Power Engineering Society General Meeting</i> , 2007 ,		8
15	A Novel Approach to Forecast Electricity Price for PJM Using Neural Network and Similar Days Method. <i>IEEE Transactions on Power Systems</i> , 2007 , 22, 2058-2065	7	141
14	A Generic Digital Model of Multiphase Synchronous Generator for Shipboard PowerSystem 2007 ,		2
13	Hardware in the Loop Test for Relay Model Validation 2007 ,		9
12	Application of Genetic Algorithm for Reconfiguration of Shipboard Power System 2007 ,		25
11	AC/DC Power System Modeling and Analysis for Shipboard Applications. <i>IEEE Power Engineering Society General Meeting</i> , 2007 ,		4
10	Shipboard Power Systems Research Activities at Mississippi State University 2007 ,		1
9	Shipboard Power System Restoration Using Binary Particle Swarm Optimization 2007 ,		13
8	Electricity Price Forecasting for PJM Day-Ahead Market 2006 ,		4
7	Hardware in the Loop Test for Power System Modeling and Simulation 2006 ,		10
6	2006 ,		9
5	An Attempt to Forecast Price Spikes in Electric Power Markets 2006 ,		3
4	A Genetic Algorithm Approach to Price-Based Unit Commitment 2006 ,		5

3

. *IEEE Power Engineering Review*, **2002**, 22, 25-29

20

2

A Selective Voltage Measurement System for Series Connected Battery Packs

2

1

Data-Driven ZIP Load Parameter Tracking with Variable Elimination Using Synchrophasor Data