

Dr. Zhao Yang Dong

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Education History

Ph.D. degree, the University of Sydney, 1999, Australia

Current Positions

Professor in the School of Electrical Engineering and Telecommunications, UNSW.

A member of the ARC College of Experts.

An international Advisor for the lead Chinese journal of Automation of Electric Power Systems.

A guest editor for Southern Power System Technology under China Southern Power Grid.

A guest editor for International Journal of Systems Science.

A member of IEEE taskforce on power system cascading failure.

A chapter coordinator for CIGRE work group on load modelling,

A core member of the IEEE PES Smart Building, Loads and Customer System Committee.

Deputy Chair for Smart Grid Australia (SGA) study group.

Biography

Professor Z.Y. (Joe) Dong is a Professor in the School of Electrical Engineering and Telecommunications, UNSW. He was the Head of School of Electrical and Information Engineering in the University of Sydney, and a contractor with Ausgrid and EPRI, USA. He is now a member of the ARC College of Experts. Prior to joining the University of New South Wales in 2017, he was Ausgrid Chair and Director of Ausgrid Centre of Excellence for Intelligent Electricity Networks (CIEN) at the University of Newcastle, Australia. He has also worked for Hong Kong Polytechnic University and as system planning manager with TASnetworks, Australia. Professor Dong's research interest includes power system planning and stability, smart grid/micro-grid, load modeling, renewable energy grid connection, electricity market, data mining, big data analytics, artificial intelligence and computational methods. He has served editor for a number of international top journals such IEEE Transactions on Smart Grid, IEEE PES Letters, IEEE Transactions on Sustainable Energy, IET Renewable Power Generation, and Journal of Modern Power Systems and Clean Energy. He is an international Advisor for the lead Chinese journal of Automation of Electric Power Systems and a guest editor for Southern Power System Technology under China Southern Power Grid. He also serves as guest editor for International Journal of Systems Science.

Professor Dong has been the principle investigator for over 10 EPRI projects, 14 ARC grants, 4 grants under HK RGC & ITF scheme, and partner investigator of 2 theme based projects in Hong Kong. He has many industrial R&D and consulting projects in power system planning, stability, smart grid, electricity market analysis, load modelling and data mining based methods for energy system data analytics. As a consultant, he leads the development of the load models for Western Power Corporation's daily usage in operations and planning of Western Australia's transmission network. He lead the gas and electricity network co-planning for the \$12.6m CSIRO Future Grid project. He also worked with government on smart grid cyber security. He is a member of IEEE taskforce on power system cascading failure, a chapter coordinator for CIGRE work group on load modelling, a core member of the IEEE PES Smart Building, Loads and Customer System Committee coordinating IEEE standards in Load Model and Simulation. He is the Deputy Chair for Smart Grid Australia (SGA) study group and leads its research domain on cyber physical systems, including representing SGA at the International Federation of Smart Grid. He established a team of 28 at Ausgrid Centre for Intelligent Electricity Networks to provide R&D support for the \$100m (plus \$500m from Ausgrid) Smart Grid, Smart City national demonstration project.

Professor Dong obtained a Ph.D. from the University of Sydney in 1999. He has published over 300 journal papers (mostly IEEE transactions and IET journals), and received over \$16 million in research and industrial grants. Professor Dong has supervised or co-supervised over 50 PhD students, many who now work in industry and research/academia in Australia, Europe, Asia and America.

Citation Report and Publication List

(Results searched from Citation Report, Web of Science)

From Web of Science Search

Results found: 282
Sum of the Times Cited 3016
Average Citations per Item: 10.70
h-index : 28

	Citation Report	Total Citations	Average per Year
		3016	150.8
1	Title: Probabilistic Forecasting of Wind Power Generation Using Extreme Learning Machine By: Wan, Can; Xu, Zhao; Pinson, Pierre; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 3 Pages: 1033-1044 Published: MAY 2014	192	32
2	Title: Coordinated Control of Grid-Connected Photovoltaic Reactive Power and Battery Energy Storage Systems to Improve the Voltage Profile of a Residential Distribution Feeder By: Kabir, M. N.; Mishra, Y.; Ledwich, G.; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 10 Issue: 2 Pages: 967-977 Published: MAY 2014	124	20.67

3	Title: Electric Vehicle Battery Charging/Swap Stations in Distribution Systems: Comparison Study and Optimal Planning By: Zheng, Yu; Dong, Zhao Yang; Xu, Yan; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 1 Pages: 221-229 Published: JAN 2014	123	20.5
4	Title: Optimal Allocation of Energy Storage System for Risk Mitigation of DISCOs With High Renewable Penetrations By: Zheng, Yu; Dong, Zhao Yang; Luo, Feng Ji; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 1 Pages: 212-220 Published: JAN 2014	119	19.83
5	Title: Optimal Prediction Intervals of Wind Power Generation By: Wan, Can; Xu, Zhao; Pinson, Pierre; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 3 Pages: 1166-1174 Published: MAY 2014	99	16.5
6	Title: Event-triggered asynchronous intermittent communication strategy for synchronization in complex dynamical networks By: Li, Huaqing; Liao, Xiaofeng; Chen, Guo; et al. Source: NEURAL NETWORKS Volume: 66 Pages: 1-10 Published: JUN 2015	87	17.4
7	Title: A Multi-Objective Collaborative Planning Strategy for Integrated Power Distribution and Electric Vehicle Charging Systems By: Yao, Weifeng; Zhao, Junhua; Wen, Fushuan; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 4 Pages: 1811-1821 Published: JUL 2014	78	13
8	Title: Coordinated Operational Planning for Wind Farm With Battery Energy Storage System By: Luo, Fengji; Meng, Ke; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 6 Issue: 1 Pages: 253-262 Published: JAN 2015	75	15
9	Title: A Hybrid Approach for Probabilistic Forecasting of Electricity Price By: Wan, Can; Xu, Zhao; Wang, Yelei; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 5 Issue: 1 Pages: 463-470 Published: JAN 2014	74	12.33
10	Title: A Review of False Data Injection Attacks Against Modern Power Systems By: Liang, Gaoqi; Zhao, Junhua; Luo, Fengji; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 8 Issue: 4 Pages: 1630-1638 Published: JUL 2017	51	17

11	Title: Numerical Simulation for Stochastic Transient Stability Assessment By: Dong, Zhao Yang; Zhao, Jun Hua; Hill, David J. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 27 Issue: 4 Pages: 1741-1749 Published: NOV 2012	45	5.63
12	Title: The 2015 Ukraine Blackout: Implications for False Data Injection Attacks By: Liang, Gaoqi; Weller, Steven R.; Zhao, Junhua; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 4 Pages: 3317-3318 Published: JUL 2017	42	14
13	Title: Low Carbon Oriented Expansion Planning of Integrated Gas and Power Systems By: Qiu, Jing; Dong, Zhao Yang; Zhao, Jun Hua; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 30 Issue: 2 Pages: 1035-1046 Published: MAR 2015	41	8.2
14	Title: Computation of bifurcation boundaries for power systems: A new Delta-plane method By: Makarov, YV; Hill, DJ; Dong, ZY Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-FUNDAMENTAL THEORY AND APPLICATIONS Volume: 47 Issue: 4 Pages: 536-544 Published: APR 2000	41	2.05
15	Title: A general method for small signal stability analysis By: Makarov, YV; Dong, ZY; Hill, DJ Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 13 Issue: 3 Pages: 979-985 Published: AUG 1998	40	1.82
16	Title: Multi-Stage Flexible Expansion Co-Planning Under Uncertainties in a Combined Electricity and Gas Market By: Qiu, Jing; Dong, Zhao Yang; Zhao, Jun Hua; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 30 Issue: 4 Pages: 2119-2129 Published: JUL 2015	39	7.8
17	Title: Electric Vehicle Route Optimization Considering Time-of-Use Electricity Price by Learnable Partheno-Genetic Algorithm By: Yang, Hongming; Yang, Songping; Xu, Yan; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 6 Issue: 2 Pages: 657-666 Published: MAR 2015	39	7.8
18	Title: High-Performance Consensus Control in Networked Systems With Limited Bandwidth Communication and Time-Varying Directed Topologies By: Li, Huaqing; Chen, Guo; Huang, Tingwen; et al. Source: IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS Volume: 28 Issue: 5 Pages: 1043-1054 Published: MAY 2017	38	12.67

19	Title: Optimal operation of DES/CCHP based regional multi-energy prosumer with demand response By: Yang, Hongming; Xiong, Tonglin; Qiu, Jing; et al. Source: APPLIED ENERGY Volume: 167 Pages: 353-365 Published: APR 1 2016	37	9.25
20	Title: Exploring Reliable Strategies for Defending Power Systems Against Targeted Attacks By: Chen, Guo; Dong, Zhao Yang; Hill, David J.; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 26 Issue: 3 Pages: 1000-1009 Published: AUG 2011	37	4.11
21	Title: Secretory phospholipase A2-IIa is involved in prostate cancer progression and may potentially serve as a biomarker for prostate cancer By: Dong, Zhongyun; Liu, Yin; Scott, Kieran F.; et al. Source: CARCINOGENESIS Volume: 31 Issue: 11 Pages: 1948-1955 Published: NOV 2010	37	3.7
22	Title: Multi-Objective Dynamic VAR Planning Against Short-Term Voltage Instability Using a Decomposition-Based Evolutionary Algorithm By: Xu, Yan; Dong, Zhao Yang; Meng, Ke; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 6 Pages: 2813-2822 Published: NOV 2014	36	6
23	Title: Event-Triggered Distributed Average Consensus Over Directed Digital Networks With Limited Communication Bandwidth By: Li, Huaqing; Chen, Guo; Huang, Tingwen; et al. Source: IEEE Transactions on Cybernetics Volume: 46 Issue: 12 Pages: 3098-3110 Published: DEC 2016	35	8.75
24	Title: Robust Coordination of Distributed Generation and Price-Based Demand Response in Microgrids By: Zhang, Cuo; Xu, Yan; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 5 Pages: 4236-4247 Published: SEP 2018	33	16.5
25	Title: Optimal Capacitor Placement to Distribution Transformers for Power Loss Reduction in Radial Distribution Systems By: Xu, Yan; Dong, Zhao Yang; Wong, Kit Po; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 28 Issue: 4 Pages: 4072-4079 Published: NOV 2013	33	4.71
26	Title: Robust Operation of Microgrids via Two-Stage Coordinated Energy Storage and Direct Load Control By: Zhang, Cuo; Xu, Yan; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 4 Pages: 2858-2868 Published: JUL 2017	31	10.33

27	Title: Post-disturbance transient stability assessment of power systems by a self-adaptive intelligent system By: Zhang, Rui; Xu, Yan; Dong, Zhao Yang; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 9 Issue: 3 Pages: 296-305 Published: FEB 19 2015	31	6.2
28	Title: Optimal allocation of battery energy storage systems in distribution networks with high wind power penetration By: Zhang, Yongxi; Dong, Zhao Yang; Luo, Fengji; et al. Source: IET RENEWABLE POWER GENERATION Volume: 10 Issue: 8 Pages: 1105-1113 Published: SEP 2016	30	7.5
29	Title: Flexible transmission expansion planning associated with large-scale wind farms integration considering demand response By: Li, Chengxin; Dong, ZhaoYang; Chen, Guo; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 9 Issue: 15 Pages: 2276-2283 Published: NOV 19 2015	28	5.6
30	Title: An Advanced Approach for Construction of Optimal Wind Power Prediction Intervals By: Zhang, Guoyong; Wu, Yonggang; Wong, Kit Po; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 30 Issue: 5 Pages: 2706-2715 Published: SEP 2015	28	5.6
31	Title: Solving Preventive-Corrective SCOPF by a Hybrid Computational Strategy By: Xu, Yan; Dong, Zhao Yang; Zhang, Rui; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 3 Pages: 1345-1355 Published: MAY 2014	27	4.5
32	Title: Parallel-differential evolution approach for optimal event-driven load shedding against voltage collapse in power systems By: Xu, Yan; Dong, Zhao Yang; Luo, Fengji; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 8 Issue: 4 Pages: 651-660 Published: APR 2014	27	4.5
33	Title: Forecasting-Aided Imperfect False Data Injection Attacks Against Power System Nonlinear State Estimation By: Zhao, Junbo; Zhang, Gexiang; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 7 Issue: 1 Pages: 6-8 Published: JAN 2016	26	6.5
34	Title: Optimal Dispatch of Air Conditioner Loads in Southern China Region by Direct Load Control By: Luo, Fengji; Zhao, Junhua; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 7 Issue: 1 Pages: 439-450 Published: JAN 2016	26	6.5

35	Title: Direct Quantile Regression for Nonparametric Probabilistic Forecasting of Wind Power Generation By: Wan, Can; Lin, Jin; Wang, Jianhui; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 4 Pages: 2767-2778 Published: JUL 2017	25	8.33
36	Title: Robust Kernel Low-Rank Representation By: Xiao, Shijie; Tan, Mingkui; Xu, Dong; et al. Source: IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS Volume: 27 Issue: 11 Pages: 2268-2281 Published: NOV 2016	25	6.25
37	Title: Short-Term State Forecasting-Aided Method for Detection of Smart Grid General False Data Injection Attacks By: Zhao, Junbo; Zhang, Gexiang; La Scala, Massimo; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 8 Issue: 4 Pages: 1580-1590 Published: JUL 2017	24	8
38	Title: Power system fault diagnosis based on history driven differential evolution and stochastic time domain simulation By: Zhao, Junhua; Xu, Yan; Luo, Fengji; et al. Source: INFORMATION SCIENCES Volume: 275 Pages: 13-29 Published: AUG 10 2014	24	4
39	Title: Assessing Short-Term Voltage Stability of Electric Power Systems by a Hierarchical Intelligent System By: Xu, Yan; Zhang, Rui; Zhao, Junhua; et al. Source: IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS Volume: 27 Issue: 8 Pages: 1686-1696 Published: AUG 2016	22	5.5
40	Title: Cloud-Based Information Infrastructure for Next-Generation Power Grid: Conception, Architecture, and Applications By: Luo, Fengji; Zhao, Junhua; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 7 Issue: 4 Pages: 1896-1912 Published: JUL 2016	22	5.5
41	Title: Advanced Pattern Discovery-based Fuzzy Classification Method for Power System Dynamic Security Assessment By: Luo, Fengji; Dong, ZhaoYang; Chen, Guo; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 11 Issue: 2 Pages: 416-426 Published: APR 2015	22	4.4
42	Title: Short-Term Residential Load Forecasting Based on Resident Behaviour Learning By: Kong, Weicon; Dong, Zhao Yang; Hill, David J.; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 1 Pages: 1087-1088 Published: JAN 2018	21	10.5

43	Title: Short-term operational planning framework for virtual power plants with high renewable penetrations By: Luo, Fengji; Dong, Zhao Yang; Meng, Ke; et al. Source: IET RENEWABLE POWER GENERATION Volume: 10 Issue: 5 Pages: 623-633 Published: MAY 2016	21	5.25
44	Title: Determining the size of PHEV charging stations powered by commercial grid-integrated PV systems considering reactive power support By: Duong Quoc Hung; Dong, Zhao Yang; Hieu Trinh Source: APPLIED ENERGY Volume: 183 Pages: 160-169 Published: DEC 1 2016	20	5
45	Title: A Linear Programming Approach to Expansion Co-Planning in Gas and Electricity Markets By: Qiu, Jing; Yang, Hongming; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 31 Issue: 5 Pages: 3594-3606 Published: SEP 2016	20	5
46	Title: A recurrent neural network for optimal real-time price in smart grid By: He, Xing; Huang, Tingwen; Li, Chuandong; et al. Source: NEUROCOMPUTING Volume: 149 Pages: 608-612 Part: B Published: FEB 3 2015	20	4
47	Title: An improved framework for power grid vulnerability analysis considering critical system features By: Dai, YuanYu; Chen, Guo; Dong, ZhaoYang; et al. Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS Volume: 395 Pages: 405-415 Published: FEB 1 2014	19	3.17
48	Title: A Sliding Mode Based Damping Control of DFIG for Interarea Power Oscillations By: Liao, Kai; He, Zhengyou; Xu, Yan; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 8 Issue: 1 Pages: 258-267 Published: JAN 2017	18	6
49	Title: Consensus analysis of multiagent systems with second-order nonlinear dynamics and general directed topology: An event-triggered scheme By: Li, Huaqing; Chen, Guo; Dong, Zhaoyang; et al. Source: INFORMATION SCIENCES Volume: 370 Pages: 598-622 Published: NOV 20 2016	17	4.25
50	Title: An Operational Planning Framework for Large-Scale Thermostatically Controlled Load Dispatch By: Luo, Fengji; Dong, Zhao Yang; Meng, Ke; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 13 Issue: 1 Pages: 217-227 Published: FEB 2017	16	5.33

51	Title: Multi-Timescale Coordinated Voltage/Var Control of High Renewable-Penetrated Distribution Systems By: Xu, Yan; Dong, Zhao Yang; Zhang, Rui; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 6 Pages: 4398-4408 Published: NOV 2017	15	5
52	Title: Battery ESS Planning for Wind Smoothing via Variable-Interval Reference Modulation and Self-Adaptive SOC Control Strategy By: Zhang, Feng; Meng, Ke; Xu, Zhao; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 8 Issue: 2 Pages: 695-707 Published: APR 2017	15	5
53	Title: Cooperation-Driven Distributed Model Predictive Control for Energy Storage Systems By: Meng, Ke; Dong, Zhao Yang; Xu, Zhao; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 6 Issue: 6 Pages: 2583-2585 Published: NOV 2015	15	3
54	Title: A Multimarket Decision-Making Framework for GENCO Considering Emission Trading Scheme By: Li, Xu Ran; Yu, Chi Wai; Xu, Zhao; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 28 Issue: 4 Pages: 4099-4108 Published: NOV 2013	15	2.14
55	Title: Analysis of small signal stability margins using genetic optimization By: Dong, ZY; Makarov, YV; Hill, DJ Source: ELECTRIC POWER SYSTEMS RESEARCH Volume: 46 Issue: 3 Pages: 195-204 Published: SEP 1 1998	15	0.68
56	Title: Parallel and Distributed Computation for Dynamical Economic Dispatch By: Chen, Guo; Li, Chaojie; Dong, Zhaoyang Source: IEEE TRANSACTIONS ON SMART GRID Volume: 8 Issue: 2 Pages: 1026-1027 Published: MAR 2017	14	4.67
57	Title: Assessing the Transmission Expansion Cost With Distributed Generation: An Australian Case Study By: Luo, Fengji; Zhao, Junhua; Qiu, Jing; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 5 Issue: 4 Pages: 1892-1904 Published: JUL 2014	14	2.33
58	Title: Short-Term Residential Load Forecasting Based on LSTM Recurrent Neural Network By: Kong, Weicong; Dong, Zhao Yang; Jia, Youwei; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 10 Issue: 1 Pages: 841-851 Published: JAN 2019	13	13

59	Title: Stability Analysis and Controller Design of a Wide-Area Time-Delay System Based on the Expectation Model Method By: Zhang, Xinran; Lu, Chao; Xie, Xiaorong; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 7 Issue: 1 Pages: 520-529 Published: JAN 2016	13	3.25
60	Title: Optimal placement of static compensators for multi-objective voltage stability enhancement of power systems By: Xu, Yan; Dong, Zhao Yang; Xiao, Chixin; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 9 Issue: 15 Pages: 2144-2151 Published: NOV 19 2015	13	2.6
61	Title: Projected mixed integer programming formulations for unit commitment problem By: Yang, Linfeng; Jian, Jinbao; Wang, Yuanyuan; et al. Source: INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS Volume: 68 Pages: 195-202 Published: JUN 2015	13	2.6
62	Title: Trajectory sensitivity analysis on the equivalent one-machine-infinite-bus of multi-machine systems for preventive transient stability control By: Xu, Yan; Dong, Zhao Yang; Zhao, Junhua; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 9 Issue: 3 Pages: 276-286 Published: FEB 19 2015	13	2.6
63	Title: DISTRIBUTED OPTIMAL DISPATCH OF VIRTUAL POWER PLANT BASED ON ELM TRANSFORMATION By: Yang, Hongming; Yi, Dexin; Zhao, Junhua; et al. Source: JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION Volume: 10 Issue: 4 Pages: 1297-1318 Published: OCT 2014	13	2.17
64	Title: Operational Planning of Electric Vehicles for Balancing Wind Power and Load Fluctuations in a Microgrid By: Yang, Hongming; Pan, Hao; Luo, Fengji; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 8 Issue: 2 Pages: 592-604 Published: APR 2017	12	4
65	Title: A power flow based model for the analysis of vulnerability in power networks By: Wang, Zhuoyang; Chen, Guo; Hill, David J.; et al. Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS Volume: 460 Pages: 105-115 Published: OCT 15 2016	12	3
66	Title: Distributed mirror descent method for multi-agent optimization with delay By: Li, Jueyou; Chen, Guo; Dong, Zhaoyang; et al. Source: NEUROCOMPUTING Volume: 177 Pages: 643-650 Published: FEB 12 2016	12	3

67	Title: Discussion of "Combined Nonparametric Prediction Intervals for Wind Power Generation" By: Wan, Can; Xu, Zhao; Ostergaard, Jacob; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 5 Issue: 3 Pages: 1021-1021 Published: JUL 2014	12	2
68	Title: Hybrid computation of corrective security-constrained optimal power flow problems By: Zhang, Rui; Dong, Zhao Yang; Xu, Yan; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 8 Issue: 6 Pages: 995-1006 Published: JUN 2014	12	2
69	Title: Multi-Agent Optimal Allocation of Energy Storage Systems in Distribution Systems By: Zheng, Yu; Hill, David J.; Dong, Zhao Yang Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 8 Issue: 4 Pages: 1715-1725 Published: OCT 2017	11	3.67
70	Title: Direct load control by distributed imperialist competitive algorithm By: Luo, Fengji; Zhao, Junhua; Wang, Haiming; et al. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 2 Issue: 4 Pages: 385-395 Published: DEC 2014	11	1.83
71	Title: An Extensible Approach for Non-Intrusive Load Disaggregation With Smart Meter Data By: Kong, Weicon; Dong, Zhao Yang; Ma, Jin; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 4 Pages: 3362-3372 Published: JUL 2018	10	5
72	Title: Coordinated dispatch of networked energy storage systems for loading management in active distribution networks By: Wang, Dongxiao; Meng, Ke; Luo, Fengji; et al. Source: IET RENEWABLE POWER GENERATION Volume: 10 Issue: 9 Pages: 1374-1381 Published: OCT 2016	10	2.5
73	Title: Optimal integration of mobile battery energy storage in distribution system with renewables By: Zheng, Yu; Dong, Zhaoyang; Huang, Shilin; et al. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 3 Issue: 4 Special Issue: SI Pages: 589-596 Published: DEC 2015	10	2
74	Title: Powering China's Sustainable Development with Renewable Energies: Current Status and Future Trend By: Jia, Youwei; Gao, Yang; Xu, Zhao; et al. Source: ELECTRIC POWER COMPONENTS AND SYSTEMS Volume: 43 Issue: 8-10 Special Issue: SI Pages: 1193-1204 Published: JUN 15 2015	10	2

75	Title: A novel technique for the optimal design of offshore wind farm electrical layout By: Chen, Yingying; Dong, Zhaoyang; Meng, Ke; et al. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 1 Issue: 3 Pages: 258-263 Published: DEC 2013	10	1.43
76	Title: Noncooperative Game-Based Distributed Charging Control for Plug-In Electric Vehicles in Distribution Networks By: Li, Jueyou; Li, Chaojie; Xu, Yan; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 14 Issue: 1 Pages: 301-310 Published: JAN 2018	9	4.5
77	Title: Robust Security Constrained-Optimal Power Flow Using Multiple Microgrids for Corrective Control of Power Systems Under Uncertainty By: Zhang, Wang; Xu, Yan; Dong, ZhaoYang; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 13 Issue: 4 Pages: 1704-1713 Published: AUG 2017	9	3
78	Title: A New QoS-Aware Web Service Recommendation System Based on Contextual Feature Recognition at Server-Side By: Li, Shun; Wen, Junhao; Luo, Fengji; et al. Source: IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT Volume: 14 Issue: 2 Pages: 332-342 Published: JUN 2017	9	3
79	Title: Rational and self-adaptive evolutionary extreme learning machine for electricity price forecast By: Xiao, Chixin; Dong, Zhaoyang; Xu, Yan; et al. Source: MEMETIC COMPUTING Volume: 8 Issue: 3 Pages: 223-233 Published: SEP 2016	9	2.25
80	Title: Flexible Operational Planning Framework Considering Multiple Wind Energy Forecasting Service Providers By: Meng, Ke; Yang, Hongming; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 7 Issue: 2 Pages: 708-717 Published: APR 2016	9	2.25
81	Title: A Decomposition-Based Practical Approach to Transient Stability-Constrained Unit Commitment By: Xu, Yan; Dong, Zhao Yang; Zhang, Rui; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 30 Issue: 3 Pages: 1455-1464 Published: MAY 2015	9	1.8
82	Title: Tight Relaxation Method for Unit Commitment Problem Using Reformulation and Lift-and-Project By: Yang, Linfeng; Jian, Jinbao; Zhu, Yunan; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 30 Issue: 1 Pages: 13-23 Published: JAN 2015	9	1.8

83	Title: Permutation-based Power System Restoration in Smart Grid Considering Load Prioritization By: Hou, Jia; Xu, Zhao; Dong, Zhao Yang; et al. Source: ELECTRIC POWER COMPONENTS AND SYSTEMS Volume: 42 Issue: 3-4 Special Issue: SI Pages: 361-371 Published: MAR 12 2014	9	1.5
84	Title: Fast computation of the maximum wind penetration based on frequency response in small isolated power systems By: Yu, H. Y.; Bansal, R. C.; Dong, Z. Y. Source: APPLIED ENERGY Volume: 113 Special Issue: SI Pages: 648-659 Published: JAN 2014	9	1.5
85	Title: Using IS to Assess an Electric Power System's Real-Time Stability By: Dong, Zhao Yang; Xu, Yan; Zhang, Pei; et al. Source: IEEE INTELLIGENT SYSTEMS Volume: 28 Issue: 4 Pages: 60-66 Published: JUL-AUG 2013	9	1.29
86	Title: Option-game-based method for generation investment analysis considering uncertain carbon reduction policy in the electricity market By: Liu, G.; Zhao, J. H.; Wen, F.; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 4 Issue: 8 Pages: 917-927 Published: AUG 2010	9	0.9
87	Title: Optimal placement of battery energy storage in distribution networks considering conservation voltage reduction and stochastic load composition By: Zhang, Yongxi; Ren, Shuyun; Dong, Zhao Yang; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 11 Issue: 15 Special Issue: SI Pages: 3862-3870 Published: OCT 19 2017	8	2.67
88	Title: Electric Vehicle Route Selection and Charging Navigation Strategy Based on Crowd Sensing By: Yang, Hongming; Deng, Youjun; Qiu, Jing; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 13 Issue: 5 Pages: 2214-2226 Published: OCT 2017	8	2.67
89	Title: Non-intrusive energy saving appliance recommender system for smart grid residential users By: Luo, Fengji; Ranzi, Gianluca; Kong, Weicong; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 11 Issue: 7 Pages: 1786-1793 Published: MAY 11 2017	8	2.67
90	Title: Collector System Layout Optimization Framework for Large-Scale Offshore Wind Farms By: Chen, Yingying; Dong, Zhao Yang; Meng, Ke; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 7 Issue: 4 Pages: 1398-1407 Published: OCT 2016	8	2

91	Title: A Practical Pricing Approach to Smart Grid Demand Response Based on Load Classification By: Yang, Hongming; Zhang, Jun; Qiu, Jing; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 1 Pages: 179-190 Published: JAN 2018	7	3.5
92	Title: Nonparametric Prediction Intervals of Wind Power via Linear Programming By: Wan, Can; Wang, Jianhui; Lin, Jin; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 1 Pages: 1074-1076 Published: JAN 2018	7	3.5
93	Title: CVaR-Constrained Optimal Bidding of Electric Vehicle Aggregators in Day-Ahead and Real-Time Markets By: Yang, Hongming; Zhang, Sanhua; Qiu, Jing; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 13 Issue: 5 Pages: 2555-2565 Published: OCT 2017	7	2.33
94	Title: Improved Cycle Control and Sizing Scheme for Wind Energy Storage System Based on Multiobjective Optimization By: Zhang, Feng; Wang, Guibin; Meng, Ke; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 8 Issue: 3 Pages: 966-977 Published: JUL 2017	7	2.33
95	Title: Coordinated expansion co-planning of integrated gas and power systems By: Wang, Dongxiao; Qiu, Jing; Meng, Ke; et al. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 5 Issue: 3 Pages: 314-325 Published: MAY 2017	7	2.33
96	Title: A novel projected two-binary-variable formulation for unit commitment in power systems By: Yang, Linfeng; Zhang, Chen; Jian, Jinbao; et al. Source: APPLIED ENERGY Volume: 187 Pages: 732-745 Published: FEB 1 2017	7	2.33
97	Title: Will electrical cyber-physical interdependent networks undergo first-order transition under random attacks? By: Ji, Xingpei; Wang, Bo; Liu, Dichen; et al. Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS Volume: 460 Pages: 235-245 Published: OCT 15 2016	7	1.75
98	Title: A contingency partitioning approach for preventive-corrective security-constrained optimal power flow computation By: Xu, Yan; Yang, Hongming; Zhang, Rui; et al. Source: ELECTRIC POWER SYSTEMS RESEARCH Volume: 132 Pages: 132-140 Published: MAR 2016	7	1.75

99	Title: Optimal operation scheduling for microgrid with high penetrations of solar power and thermostatically controlled loads By: Luo, Fengji; Xu, Zhao; Meng, Ke; et al. Source: SCIENCE AND TECHNOLOGY FOR THE BUILT ENVIRONMENT Volume: 22 Issue: 6 Pages: 666-673 Published: 2016	7	1.75
100	Title: A low-carbon oriented probabilistic approach for transmission expansion planning By: Qiu, Jing; Dong, Zhaoyang; Zhao, Junhua; et al. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 3 Issue: 1 Special Issue: SI Pages: 14-23 Published: MAR 2015	7	1.4
101	Title: An Experimental Study on Emission Trading Behaviors of Generation Companies By: Huang, Jie; Xue, Yusheng; Jiang, Chao; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 30 Issue: 2 Pages: 1076-1083 Published: MAR 2015	7	1.4
102	Title: Optimal Scheduling for Prosumers in Coupled Transactive Power and Gas Systems By: Qiu, Jing; Zhao, Junhua; Yang, Hongming; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 2 Pages: 1970-1980 Published: MAR 2018	6	3
103	Title: Imbalance Learning Machine-Based Power System Short-Term Voltage Stability Assessment By: Zhu, Lipeng; Lu, Chao; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 13 Issue: 5 Pages: 2533-2543 Published: OCT 2017	6	2
104	Title: Optimal scheduling of distributed energy resources as a virtual power plant in a transactive energy framework By: Qiu, Jing; Meng, Ke; Zheng, Yu; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 11 Issue: 13 Pages: 3417-3427 Published: SEP 7 2017	6	2
105	Title: Robust Transient Stability-Constrained Optimal Power Flow With Uncertain Dynamic Loads By: Xu, Yan; Ma, Jin; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 8 Issue: 4 Pages: 1911-1921 Published: JUL 2017	6	2
106	Title: Turbine Stability-Constrained Available Wind Power of Variable Speed Wind Turbines for Active Power Control By: Yin, Minghui; Xu, Yan; Shen, Chun; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 3 Pages: 2487-2488 Published: MAY 2017	6	2

107	Title: Multi-objective transmission expansion planning in a smart grid using a decomposition-based evolutionary algorithm By: Qiu, Jing; Dong, Zhao Yang; Meng, Ke; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 10 Issue: 16 Pages: 4024-4031 Published: DEC 8 2016	6	1.5
108	Title: Improving Nonintrusive Load Monitoring Efficiency via a Hybrid Programing Method By: Kong, Weicong; Dong, Zhao Yang; Hill, David J.; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 12 Issue: 6 Pages: 2148-2157 Published: DEC 2016	6	1.5
109	Title: A Risk-Based Approach to Multi-Stage Probabilistic Transmission Network Planning By: Qiu, Jing; Dong, Zhao Yang; Zhao, Junhua; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 31 Issue: 6 Pages: 4867-4876 Published: NOV 2016	6	1.5
110	Title: Risk-averse multi-objective generation dispatch considering transient stability under load model uncertainty By: Xu, Yan; Xie, Xuekuan; Dong, Zhao Y.; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 10 Issue: 11 Pages: 2785-2791 Published: AUG 4 2016	6	1.5
111	Title: A fast dual proximal-gradient method for separable convex optimization with linear coupled constraints By: Li, Jueyou; Chen, Guo; Dong, Zhaoyang; et al. Source: COMPUTATIONAL OPTIMIZATION AND APPLICATIONS Volume: 64 Issue: 3 Pages: 671-697 Published: JUL 2016	6	1.5
112	Title: Insurance strategy for mitigating power system operational risk introduced by wind power forecasting uncertainty By: Yang, Hongming; Qiu, Jing; Meng, Ke; et al. Source: RENEWABLE ENERGY Volume: 89 Pages: 606-615 Published: APR 2016	6	1.5
113	Title: A New Metaheuristic Algorithm for Real-Parameter Optimization: Natural Aggregation Algorithm By: Luo, Fengji; Zhao, Junhua; Dong, Zhao Yang Conference: IEEE Congress on Evolutionary Computation (CEC) held as part of IEEE World Congress on Computational Intelligence (IEEE WCCI) Location: Vancouver, CANADA Date: JUL 24-29, 2016 Sponsor(s): IEEE; IEEE Computat Intelligence Soc; Int Neural Network Soc; Evolutionary Programming Soc; IET; IEEE BigData Initiat; Gulf Univ Sci & Technol Source: 2016 IEEE CONGRESS ON EVOLUTIONARY COMPUTATION (CEC) Book Series: IEEE Congress on Evolutionary Computation Pages: 94-103 Published: 2016	6	1.5

114	Title: Discriminant-Analysis-Based Single-Phase Earth Fault Protection Using Improved PCA in Distribution Systems By: Wang, Yuanyuan; Zhou, Jiaming; Li, Zewen; et al. Source: IEEE TRANSACTIONS ON POWER DELIVERY Volume: 30 Issue: 4 Pages: 1974-1982 Published: AUG 2015	6	1.2
115	Title: Optimal Short-term Power Dispatch Scheduling for a Wind Farm with Battery Energy Storage System By: Zheng, Y.; Hill, D. J.; Meng, K.; et al. Conference: 9th IFAC Symposium on Control of Power and Energy Systems (CPES 2015) Location: New Delhi, INDIA Date: DEC 09-11, 2015 Source: IFAC PAPERSONLINE Volume: 48 Issue: 30 Pages: 518-523 Published: 2015	6	1.2
116	Title: Primary energy congestion of power systems By: Xue, Yusheng; Cai, Bin; James, Geoffrey; et al. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 2 Issue: 1 Pages: 39-49 Published: MAR 2014	6	1
117	Title: Novel protection scheme of stator single-phase-to-ground fault for powerformers By: Wang, Yuanyuan; Zeng, Xiangjun; Dong, Zhaoyang; et al. Source: INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS Volume: 53 Pages: 321-328 Published: DEC 2013	6	0.86
118	Title: Social Information Filtering-Based Electricity Retail Plan Recommender System for Smart Grid End Users By: Luo, Fengji; Ranzi, Gianluca; Wang, Xibin; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 10 Issue: 1 Pages: 95-104 Published: JAN 2019	5	5
119	Title: Generalized FDIA-Based Cyber Topology Attack With Application to the Australian Electricity Market Trading Mechanism By: Liang, Gaoqi; Weller, Steven R.; Luo, Fengji; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 4 Pages: 3820-3829 Published: JUL 2018	5	2.5
120	Title: Planning of solar photovoltaics, battery energy storage system and gas micro turbine for coupled micro energy grids By: Qiu, Jing; Zhao, Junhua; Yang, Hongming; et al. Source: APPLIED ENERGY Volume: 219 Pages: 361-369 Published: JUN 1 2018	5	2.5
121	Title: Stochastic Collaborative Planning of Electric Vehicle Charging Stations and Power Distribution System By: Wang, Shu; Dong, Zhao Yang; Luo, Fengji; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 14 Issue: 1 Pages: 321-331 Published: JAN 2018	5	2.5

122	Title: Robust Ensemble Data Analytics for Incomplete PMU Measurements-Based Power System Stability Assessment By: Zhang, Yuchen; Xu, Yan; Dong, Zhao Yang Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 1 Pages: 1124-1126 Published: JAN 2018	5	2.5
123	Title: Hierarchical SCOPF Considering Wind Energy Integration Through Multiterminal VSC-HVDC Grids By: Meng, Ke; Zhang, Wang; Li, Yujun; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 6 Pages: 4211-4221 Published: NOV 2017	5	1.67
124	Title: Intelligent Early Warning of Power System Dynamic Insecurity Risk: Toward Optimal Accuracy-Earliness Tradeoff By: Zhang, Yuchen; Xu, Yan; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 13 Issue: 5 Pages: 2544-2554 Published: OCT 2017	5	1.67
125	Title: Power system cascading risk assessment based on complex network theory By: Wang, Zhuoyang; Hill, David J.; Chen, Guo; et al. Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS Volume: 482 Pages: 532-543 Published: SEP 15 2017	5	1.67
126	Title: Maximum Wind Energy Extraction for Variable Speed Wind Turbines With Slow Dynamic Behavior By: Chen, Zaiyu; Yin, Minghui; Zou, Yun; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 4 Pages: 3321-3322 Published: JUL 2017	5	1.67
127	Title: A Developed Integrated Scheme Based Approach for Wind Turbine Intelligent Control By: Mahmoud, Tawfek K.; Dong, Zhao Yang; Ma, Jin Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 8 Issue: 3 Pages: 927-937 Published: JUL 2017	5	1.67
128	Title: Optimal air-conditioning load control in distribution network with intermittent renewables By: Wang, Dongxiao; Meng, Ke; Gao, Xiaodan; et al. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 5 Issue: 1 Pages: 55-65 Published: JAN 2017	5	1.67
129	Title: A Probabilistic Transmission Planning Framework for Reducing Network Vulnerability to Extreme Events By: Qiu, Jing; Yang, Hongming; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 31 Issue: 5 Pages: 3829-3839 Published: SEP 2016	5	1.25

130	Title: Analysis of electric field influence on buildings under high-voltage transmission lines By: Tong, Ziyuan; Dong, Zhaoyang; Ashton, Trevor Source: IET SCIENCE MEASUREMENT & TECHNOLOGY Volume: 10 Issue: 4 Pages: 253-258 Published: JUL 2016	5	1.25
131	Title: A Multi-Point Method Considering the Maximum Power Point Tracking Dynamic Process for Aerodynamic Optimization of Variable-Speed Wind Turbine Blades By: Yang, Zhiqiang; Yin, Minghui; Xu, Yan; et al. Source: ENERGIES Volume: 9 Issue: 6 Article Number: 425 Published: JUN 2016	5	1.25
132	Title: Three-Stage Robust Inverter-Based Voltage/Var Control for Distribution Networks With High-Level PV By: Zhang, Cuo; Xu, Yan; Dong, Zhaoyang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 10 Issue: 1 Pages: 782-793 Published: JAN 2019	4	4
133	Title: Robust Forecasting Aided Power System State Estimation Considering State Correlations By: Zhao, Junbo; Zhang, Gexiang; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 4 Pages: 2658-2666 Published: JUL 2018	4	2
134	Title: Optimal allocation of BESS and MT in a microgrid By: Qiu, Jing; Zhao, Junhua; Zheng, Yu; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 12 Issue: 9 Pages: 1988-1997 Published: MAY 15 2018	4	2
135	Title: Robust Dispatch of High Wind Power-Penetrated Power Systems Against Transient Instability By: Xu, Yan; Yin, Minghui; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 1 Pages: 174-186 Published: JAN 2018	4	2
136	Title: Distributionally Robust Optimal Bidding of Controllable Load Aggregators in the Electricity Market By: Yang, Hongming; Zhang, Shiming; Qiu, Duo; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 1 Pages: 1089-1091 Published: JAN 2018	4	2
137	Title: Multi-objective Distributed Wind Generation Planning in an Unbalanced Distribution System By: Zheng, Yu; Dong, Zhao Yang; Meng, Ke; et al. Source: CSEE JOURNAL OF POWER AND ENERGY SYSTEMS Volume: 3 Issue: 2 Pages: 186-195 Published: JUN 2017	4	1.33

138	Title: Probabilistic transmission expansion planning for increasing wind power penetration By: Qiu, Jing; Zhao, Junhua; Dong, Zhao Yang Source: IET RENEWABLE POWER GENERATION Volume: 11 Issue: 6 Pages: 837-845 Published: MAY 10 2017	4	1.33
139	Title: Distributed Control of Thermostatically Controlled Loads in Distribution Network with High Penetration of Solar PV By: Meng, Ke; Wang, Dongxiao; Dong, Zhao Yang; et al. Source: CSEE JOURNAL OF POWER AND ENERGY SYSTEMS Volume: 3 Issue: 1 Pages: 53-62 Published: MAR 2017	4	1.33
140	Title: Measurement-based dynamic load modelling using time-domain simulation and parallel-evolutionary search By: Zhang, Rui; Xu, Yan; Dong, Zhao Yang; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 10 Issue: 15 Pages: 3893-3900 Published: NOV 17 2016	4	1
141	Title: Diverting homoclinic chaos in a class of piecewise smooth oscillators to stable periodic orbits using small parametrical perturbations By: Li, Huaqing; Liao, Xiaofeng; Huang, Junjian; et al. Source: NEUROCOMPUTING Volume: 149 Pages: 1587-1595 Part: C Published: FEB 3 2015	4	0.8
142	Title: Stator Single-Phase-to-Ground Fault Protection for Bus-connected Powerformers Based on Hierarchical Clustering Algorithm By: Wang, Yuan Yuan; Zeng, Xiang Jun; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON ENERGY CONVERSION Volume: 28 Issue: 4 Pages: 991-998 Published: DEC 2013	4	0.57
143	Title: A Framework for Cyber-Topology Attacks: Line-Switching and New Attack Scenarios By: Liang, Gaoqi; Weller, Steven R.; Zhao, Junhua; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 10 Issue: 2 Pages: 1704-1712 Published: MAR 2019	3	3
144	Title: An advanced approach for optimal wind power generation prediction intervals by using self-adaptive evolutionary extreme learning machine By: Mahmoud, Tawfek; Dong, Z. Y.; Ma, Jin Source: RENEWABLE ENERGY Volume: 126 Pages: 254-269 Published: OCT 2018	3	1.5
145	Title: Decision-Making for Electricity Retailers: A Brief Survey By: Yang, Jiajia; Zhao, Junhua; Luo, Fengji; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 5 Pages: 4140-4153 Published: SEP 2018	3	1.5

146	Title: Faster Detection of Microgrid Islanding Events Using an Adaptive Ensemble Classifier By: Khamis, Aziah; Xu, Yan; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 3 Pages: 1889-1899 Published: MAY 2018	3	1.5
147	Title: Modeling and Analysis of Lithium Battery Operations in Spot and Frequency Regulation Service Markets in Australia Electricity Market By: Zhai, Qiwei; Meng, Ke; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 13 Issue: 5 Pages: 2576-2586 Published: OCT 2017	3	1
148	Title: Cooperation-Driven Distributed Control Scheme for Large-Scale Wind Farm Active Power Regulation By: Gao, Xiaodan; Meng, Ke; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON ENERGY CONVERSION Volume: 32 Issue: 3 Pages: 1240-1250 Published: SEP 2017	3	1
149	Title: A Comprehensive Model With Fast Solver for Optimal Energy Scheduling in RTP Environment By: Zhang, Wang; Li, Jueyou; Chen, Guo; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 8 Issue: 5 Pages: 2314-2323 Published: SEP 2017	3	1
150	Title: Research on Unstructured Text Data Mining and Fault Classification Based on RNN-LSTM with Malfunction Inspection Report By: Wei, Daqian; Wang, Bo; Lin, Gang; et al. Source: ENERGIES Volume: 10 Issue: 3 Article Number: 406 Published: MAR 2017	3	1
151	Title: Joint Design of Energy-Efficient Clustering and Data Recovery for Wireless Sensor Networks By: Liu, Xuan; Li, Jun; Dong, Zy; et al. Source: IEEE ACCESS Volume: 5 Pages: 3646-3656 Published: 2017	3	1
152	Title: Evaluation of Conservation Voltage Reduction with Analytic Hierarchy Process: A Decision Support Framework in Grid Operations Planning By: An, Kyungsung; Liu, Hao Jan; Zhu, Hao; et al. Source: ENERGIES Volume: 9 Issue: 12 Article Number: 1074 Published: DEC 2016	3	0.75
153	Title: Analysis of magnetic field generated by overhead cables By: Tong Zi-Yuan; Dong Zhao-Yang; Tong Min-Ming Source: MEASUREMENT Volume: 89 Pages: 166-170 Published: JUL 2016	3	0.75

154	<p>Title: Robust OPF Considering Load and Renewable Power Uncertainties in Multi-Terminal HYDC Grids By: Zhang, Wang; Yan, Xu; Dong, Zhao Yang; et al. Conference: IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC) Location: Xian, PEOPLES R CHINA Date: OCT 25-28, 2016 Sponsor(s): IEEE Power & Energy Soc; Xian Jiaotong Univ; Shaanxi Assoc Sci & Technol; China Soc Elect Engn; State Grid Key Lab Elect Power Environm Protect; Beijing Sifang Automat Co Ltd; State Grid Shaanxi Elect Power Co Source: 2016 IEEE PES ASIA-PACIFIC POWER AND ENERGY ENGINEERING CONFERENCE (APPEEC) Book Series: Asia-Pacific Power and Energy Engineering Conference Pages: 24-27 Published: 2016</p>	3	0.75
155	<p>Title: Stochastic Optimal Dispatch of Power System Considering the Correlation of Multiple Wind Farm Outputs By: Yang, Hongming; Zhang, Yongxi; Wang, Shuang; et al. Source: ELECTRIC POWER COMPONENTS AND SYSTEMS Volume: 44 Issue: 6 Pages: 616-627 Published: 2016</p>	3	0.75
156	<p>Title: ZigBee Technology Application in Wireless Communication Mesh Network of Ice Disaster By: Yi, Zefeng; Hou, Hui; Dong, Zhaoyang; et al. Edited by: Shakshuki, E Conference: 6th International Conference on Ambient Systems, Networks and Technologies (ANT) / 5th International Conference on Sustainable Energy Information Technology (SEIT) Location: London, ENGLAND Date: JUN 02-05, 2015 Source: 6TH INTERNATIONAL CONFERENCE ON AMBIENT SYSTEMS, NETWORKS AND TECHNOLOGIES (ANT-2015), THE 5TH INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY INFORMATION TECHNOLOGY (SEIT-2015) Book Series: Procedia Computer Science Volume: 52 Pages: 1206-1211 Published: 2015</p>	3	0.6
157	<p>Title: Input Sensitivity Analysis via Transfer Function Matrix By: Ma, Jin; Ma, Xin; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 6 Pages: 3120-3121 Published: NOV 2014</p>	3	0.5
158	<p>Title: Coordinated Dispatch of Virtual Energy Storage Systems in Smart Distribution Networks for Loading Management By: Meng, Ke; Dong, Zhao Yang; Xu, Zhao; et al. Source: IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS Volume: 49 Issue: 4 Pages: 776-786 Published: APR 2019</p>	2	2
159	<p>Title: A Hierarchical Hidden Markov Model Framework for Home Appliance Modeling By: Kong, Weicon; Dong, Zhao Yang; Hill, David J.; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 4 Pages: 3079-3090 Published: JUL 2018</p>	2	1

160	Title: Coordinated Dispatch of Virtual Energy Storage Systems in LV Grids for Voltage Regulation By: Wang, Dongxiao; Meng, Ke; Gao, Xiaodan; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 14 Issue: 6 Pages: 2452-2462 Published: JUN 2018	2	1
161	Title: Robust classification model for PMU-based on-line power system DSA with missing data By: Zhang, Yuchen; Xu, Yan; Dong, Zhao Yang Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 11 Issue: 18 Special Issue: SI Pages: 4484-4491 Published: DEC 21 2017	2	0.67
162	Title: A New Entropy Bi-Cepstrum Based-Method for DC Motor Brush Abnormality Recognition By: Tong, Zi Yuan; Dong, Zhao Yang; Li, Meng Source: IEEE SENSORS JOURNAL Volume: 17 Issue: 3 Pages: 745-754 Published: FEB 1 2017	2	0.67
163	Title: Enhanced evolutionary heuristic approaches for remote metering smart grid networks By: Miao, Hui; Chen, Guo; Dong, Zhaoyang Source: IET NETWORKS Volume: 5 Issue: 6 Pages: 153-161 Published: NOV 2016	2	0.5
164	Title: Distributed mirror descent method for saddle point problems over directed graphs By: Li, Jueyou; Chen, Guo; Dong, Zhaoyang; et al. Source: COMPLEXITY Volume: 21 Issue: S2 Pages: 178-190 Published: NOV-DEC 2016	2	0.5
165	Title: Stator winding single-phase grounding faults protective scheme based on discriminant analysis for Powerformers with selectivity By: Wang, Yuanyuan; Zhou, Jiaming; Wei, Gen; et al. Source: INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS Volume: 77 Pages: 145-150 Published: MAY 2016	2	0.5
166	Title: A Composite k-Nearest Neighbor Model for Day-Ahead Load Forecasting with Limited Temperature Forecasts By: Zhang, Rui; Xu, Yan; Dong, Zhao Yang; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energ Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	2	0.5

167	<p>Title: Electrical Vehicle Wireless Charging Technology Based on Energy Internet Application in China By: Hou, Hui; Xie, Jun; Zhao, Dongming; et al. Edited by: Shakshuki, E Conference: 7th International Conference on Ambient Systems, Networks and Technologies (ANT) / 6th International Conference on Sustainable Energy Information Technology (SEIT) Location: Madrid, SPAIN Date: MAY 23-26, 2016 Source: 7TH INTERNATIONAL CONFERENCE ON AMBIENT SYSTEMS, NETWORKS AND TECHNOLOGIES (ANT 2016) / THE 6TH INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY INFORMATION TECHNOLOGY (SEIT-2016) / AFFILIATED WORKSHOPS Book Series: Procedia Computer Science Volume: 83 Pages: 1332-1337 Published: 2016</p>	2	0.5
168	<p>Title: New Australian NEM transmission use of system charging methodologies for integrating renewable generation to existing grid By: Radzi, N. H.; Bansal, R. C.; Dong, Z. Y. Source: RENEWABLE ENERGY Volume: 76 Pages: 72-81 Published: APR 2015</p>	2	0.4
169	<p>Title: Integrating the Transmission Loss Component with the Distribution Factors Enhanced Transmission Pricing Method for Efficient Transmission Use of System Charges By: Radzi, Nur Hanis; Bansal, Ramesh C.; Dong, Zhao Yang; et al. Source: ELECTRIC POWER COMPONENTS AND SYSTEMS Volume: 43 Issue: 1 Pages: 10-21 Published: JAN 2 2015</p>	2	0.4
170	<p>Title: Genetic algorithms in power system small signal stability analysis By: Dong, ZY; Makarov, YV; Hill, DJ Conference: 4th International Conference on Advances in Power System Control, Operation & Management Location: WANCHAI, HONG KONG Date: NOV 11-14, 1997 Sponsor(s): Inst Elect Engineers, Hong Kong; Hong Kong Inst Engineers, Elect Div; Inst Elect Engineers, UK; Analogue Tech Agcy Ltd, EFACEC Oriente Lda; China Light & Power Co Ltd; Clipsal Asia Ltd; Delta Crompton Cables; GEC Alsthom Power Generat; GEC Alsthom T & D Protect & Control Ltd; Hawker Siddeley Switchgear, Whipp & Bourne; Jardine Meiden Engn Co Ltd; K C Wong Educ Fdn; Kum Shing Construct Co Ltd, KF; Mak Hang Kei Construct Ltd, Hong Kong; Mitsubishi Elect Ltd, Hong Kong; Pirelli Cables Ltd; Raychem Ltd, Hong Kong; Rolls Royce Ind Power, Hong Kong; Sumitomo Elect Ind Ltd; Supremetech Engn Co Ltd, Merlin Gerin, UK; Hong Kong Elect Co Ltd Source: FOURTH INTERNATIONAL CONFERENCE ON ADVANCES IN POWER SYSTEM CONTROL, OPERATION & MANAGEMENT, VOLS 1 AND 2 Pages: 342-347 Published: 1997</p>	2	0.09

171	Title: Cyber security framework for Internet of Things-based Energy Internet By: Sani, Abubakar Sadiq; Yuan, Dong; Jin, Jiong; et al. Source: FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE Volume: 93 Pages: 849-859 Published: APR 2019	1	1
172	Title: Voltage regulation-oriented co-planning of distributed generation and battery storage in active distribution networks By: Zhang, Yongxi; Xu, Yan; Yang, Hongming; et al. Source: INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS Volume: 105 Pages: 79-88 Published: FEB 2019	1	1
173	Title: A Hierarchical Self-Adaptive Data-Analytics Method for Real-Time Power System Short-Term Voltage Stability Assessment By: Zhang, Yuchen; Xu, Yan; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 15 Issue: 1 Pages: 74-84 Published: JAN 2019	1	1
174	Title: Unified Power Flow Algorithm for Standalone AC/DC Hybrid Microgrids By: Aprilia, Ernauli; Meng, Ke; Al Hosani, Mohamed; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 10 Issue: 1 Pages: 639-649 Published: JAN 2019	1	1
175	Title: Distributed generation and energy storage system planning for a distribution system operator By: Qiu, Jing; Xu, Zhao; Zheng, Yu; et al. Source: IET RENEWABLE POWER GENERATION Volume: 12 Issue: 12 Pages: 1345-1353 Published: SEP 10 2018	1	0.5
176	Title: Blockchain: a secure, decentralized, trusted cyber infrastructure solution for future energy systems By: Dong, Zhaoyang; Luo, Fengji; Liang, Gaoqi Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 6 Issue: 5 Special Issue: SI Pages: 958-967 Published: SEP 2018	1	0.5
177	Title: Effects of centralized and local PV plant control for voltage regulation in LV feeder based on cyber-physical simulations By: Rasmussen, Theis Bo; Yang, Guangya; Nielsen, Arne Hejde; et al. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 6 Issue: 5 Special Issue: SI Pages: 979-991 Published: SEP 2018	1	0.5
178	Title: Weight loss surgery for obstructive sleep apnoea with obesity in adults: a systematic review and meta-analysis protocol By: Dong, Zhiyong; Hong, Brian Y.; Yu, Ashley M.; et al. Source: BMJ OPEN Volume: 8 Issue: 8 Article Number: e020876 Published: AUG 2018	1	0.5

179	Title: A Framework of Customizing Electricity Retail Prices By: Yang, Jiajia; Zhao, Junhua; Wen, Fushuan; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 3 Pages: 2415-2428 Published: MAY 2018	1	0.5
180	Title: Mixed-Integer Nonlinear Programming Formulation for Distribution Networks Reliability Optimization By: Heidari, Alireza; Dong, Zhao Yang; Zhang, Daming; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 14 Issue: 5 Pages: 1952-1961 Published: MAY 2018	1	0.5
181	Title: Integrated optimal active and reactive power control scheme for grid connected permanent magnet synchronous generator wind turbines By: Mahmoud, Tawfek; Dong, Zhao Yang; Ma, Jin Source: IET ELECTRIC POWER APPLICATIONS Volume: 12 Issue: 4 Pages: 474-485 Published: APR 2018	1	0.5
182	Title: A load shedding scheme for DG integrated islanded power system utilizing backtracking search algorithm By: Khamis, Aziah; Shareef, Hussain; Mohamed, Azah; et al. Source: AIN SHAMS ENGINEERING JOURNAL Volume: 9 Issue: 1 Pages: 161-172 Published: MAR 2018	1	0.5
183	Title: Retirement-Driven Dynamic VAR Planning for Voltage Stability Enhancement of Power Systems With High-Level Wind Power By: Liu, Junwei; Xu, Yan; Dong, Zhao Yang; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 2 Pages: 2282-2291 Published: MAR 2018	1	0.5
184	Title: Expansion Co-Planning of Integrated Electricity-Heat Gas Networks in District Energy Systems By: Chen, Han; Meng, Ke; Qiu, Jing; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Portland, OR Date: AUG 05-10, 2018 Sponsor(s): IEEE Power & Energy Soc Source: 2018 IEEE POWER & ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2018	1	0.5
185	Title: Advanced method for short-term wind power prediction with multiple observation points using extreme learning machines By: Mahmoud, Tawfek; Dong, Zhao Yang; Ma, Jin Source: JOURNAL OF ENGINEERING-JOE Issue: 1 Pages: 29-38 Published: JAN 2018	1	0.5

186	<p>Title: Second-Order Sliding Mode Based P-Q Coordinated Modulation of DFIGs Against Interarea Oscillations</p> <p>By: Liao, Kai; Xu, Yan; He, Zhengyou; et al.</p> <p>Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 6 Pages: 4978-4980 Published: NOV 2017</p>	1	0.33
187	<p>Title: An Improved Load Forecast Model Using Factor Analysis: An Australian Case Study</p> <p>By: Chen, Xi; Qiu, Jing; Dong, Zhao Yang</p> <p>Conference: IEEE International Conference on Information and Automation (ICIA) Location: Macau, PEOPLES R CHINA Date: JUL 18-20, 2017 Sponsor(s): IEEE; IEEE Robot & Automat Soc; Chinese Univ Hong Kong; State Key Lab Robot & Syst; Univ Macau; Shenzhen Inst Adv Technol; Harbin Inst Technol; Shanghai Gaitech Sci Instruments Co Ltd; Apes Robot Co Ltd; Chinese Assoc Automat; Amer Soc Mech Engineers; Robot Soc Japan; Japan Soc Mech Engineers; Soc Instrument & Control Engineers</p> <p>Source: 2017 IEEE INTERNATIONAL CONFERENCE ON INFORMATION AND AUTOMATION (IEEE ICIA 2017) Pages: 903-908 Published: 2017</p>	1	0.33
188	<p>Title: Implementation of a Simplified State Estimator for Wind Turbine Monitoring on an Embedded System</p> <p>By: Rasmussen, Theis Bo; Yang, Guangya; Nielsen, Arne Hejde; et al.</p> <p>Edited by: Ganzha, M; Maciaszek, L; Paprzycki, M</p> <p>Conference: Federated Conference on Computer Science and Information Systems (FedCSIS) Location: Prague, CZECH REPUBLIC Date: SEP 03-06, 2017 Sponsor(s): PTI; IEEE</p> <p>Source: PROCEEDINGS OF THE 2017 FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS (FEDCSIS) Book Series: Federated Conference on Computer Science and Information Systems Pages: 1167-1175 Published: 2017</p>	1	0.33
189	<p>Title: A Review of Cyber-Physical Energy System Security Assessment</p> <p>By: Rasmussen, Theis B.; Yang, Guangya; Nielsen, Arne H.; et al.</p> <p>Conference: IEEE Manchester PowerTech Location: Manchester, ENGLAND Date: JUN 18-22, 2017 Sponsor(s): IEEE</p> <p>Source: 2017 IEEE MANCHESTER POWERTECH Published: 2017</p>	1	0.33
190	<p>Title: Flexible Operation Planning Scheme Considering Wind Power Generation Forecasting Uncertainties</p> <p>By: Zhang, Yongxi; Zheng, Yu; Meng, Ke; et al.</p> <p>Source: ELECTRIC POWER COMPONENTS AND SYSTEMS Volume: 45 Issue: 5 Pages: 465-475 Published: 2017</p>	1	0.33

191	Title: Inverse Aerodynamic Optimization Considering Impacts of Design Tip Speed Ratio for Variable-Speed Wind Turbines By: Yang, Zhiqiang; Yin, Minghui; Xu, Yan; et al. Source: ENERGIES Volume: 9 Issue: 12 Article Number: 1023 Published: DEC 2016	1	0.25
192	Title: A Stochastic Collaborative Planning Approach for Electric Vehicle Charging Stations and Power Distribution System By: Wang, Shu; Xu, Yan; Dong, Zhao Yang; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energy Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	1	0.25
193	Title: Impact of Dynamic Load Models on Transient Stability-Constrained Optimal Power Flow By: Zhang, Rui; Xu, Yan; Zhang, Wang; et al. Conference: IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC) Location: Xian, PEOPLES R CHINA Date: OCT 25-28, 2016 Sponsor(s): IEEE Power & Energy Soc; Xian Jiaotong Univ; Shaanxi Assoc Sci & Technol; China Soc Elect Engn; State Grid Key Lab Elect Power Environm Protect; Beijing Sifang Automat Co Ltd; State Grid Shaanxi Elect Power Co Source: 2016 IEEE PES ASIA-PACIFIC POWER AND ENERGY ENGINEERING CONFERENCE (APPEEC) Book Series: Asia-Pacific Power and Energy Engineering Conference Pages: 18-23 Published: 2016	1	0.25
194	Title: A flexible framework of line power flow estimation for high-order contingency analysis By: Chen, Guo; Dai, YuanYu; Xu, Zhao; et al. Source: INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS Volume: 70 Pages: 1-8 Published: SEP 2015	1	0.2
195	Title: Influence of Enhanced Interconnecting Links on Cascading Failures in Smart Grid By: Liu, Long; Ma, Jin; Dong, Zhaoyang; et al. Conference: General Meeting of the IEEE-Power-and-Energy-Society Location: Denver, CO Date: JUL 26-30, 2015 Sponsor(s): IEEE Power & Energy Soc Source: 2015 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2015	1	0.2
196	Title: Closure to Discussion on "Solving Preventive-Corrective SCOPF by a Hybrid Computational Strategy" By: Xu, Yan; Dong, Zhao Yang; Zhang, Rui; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 6 Pages: 3124-+ Published: NOV 2014	1	0.17

197	Title: MULTI-NETWORK COMBINED COOLING HEATING AND POWER SYSTEM SCHEDULING CONSIDERING EMISSION TRADING By: Yang, Hongming; Zhang, Dangqiang; Meng, Ke; et al. Source: PACIFIC JOURNAL OF OPTIMIZATION Volume: 10 Issue: 1 Special Issue: SI Pages: 177-198 Published: JAN 2014	1	0.17
198	Title: Guest editorial: special issue on generation and integration technologies for renewable energy By: Dong, Z. Y. Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 1 Issue: 3 Pages: 203-203 Published: DEC 2013	1	0.14
199	Title: A Novel Short-Term Dispatch Scheme for Wind Farm with Battery Energy Storage System By: Luo, F. J.; Dong, Zhaoyang; Chen, Y. Y.; et al. Conference: General Meeting of the IEEE-Power-and-Energy-Society (PES) Location: Vancouver, CANADA Date: JUL 21-25, 2013 Sponsor(s): IEEE Power & Energy Soc Source: 2013 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PES) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2013	1	0.14
200	Title: Power Big Data: New Assets of Electric Power Utilities By: Zhang, Pei; Xu, Yan; Luo, Fengji; et al. Source: JOURNAL OF ENERGY ENGINEERING Volume: 145 Issue: 3 Article Number: 04019009 Published: JUN 1 2019	0	0
201	Title: Active Power Control of Wind Turbine Generators via Coordinated Rotor Speed and Pitch Angle Regulation By: Tang, Xuesong; Yin, Minghui; Shen, Chun; et al. Source: IEEE TRANSACTIONS ON SUSTAINABLE ENERGY Volume: 10 Issue: 2 Pages: 822-832 Published: APR 2019	0	0
202	Title: Online power system dynamic security assessment with incomplete PMU measurements: a robust white-box model By: Zhang, Yuchen; Xu, Yan; Bu, Siqi; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 13 Issue: 5 Pages: 662-668 Published: MAR 12 2019	0	0
203	Title: Collaborative Filtering-Based Electricity Plan Recommender System By: Zhang, Yuan; Meng, Ke; Kong, Weicon; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 15 Issue: 3 Pages: 1393-1404 Published: MAR 2019	0	0
204	Title: Investigation of real-time flexibility of combined heat and power plants in district heating applications By: Wang, Jiawei; You, Shi; Zong, Yi; et al. Source: APPLIED ENERGY Volume: 237 Pages: 196-209 Published: MAR 1 2019	0	0

205	Title: Stochastic Receding Horizon Control of Active Distribution Networks With Distributed Renewables By: Jiang, Yibao; Wan, Can; Wang, Jianhui; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 34 Issue: 2 Pages: 1325-1341 Published: MAR 2019	0	0
206	Title: Small Fault Detection for a Class of Closed-Loop Systems via Deterministic Learning By: Chen, Tianrui; Wang, Cong; Chen, Guo; et al. Source: IEEE TRANSACTIONS ON CYBERNETICS Volume: 49 Issue: 3 Pages: 897-906 Published: MAR 2019	0	0
207	Title: A Multistage Home Energy Management System With Residential Photovoltaic Penetration By: Luo, Fengji; Ranzi, Gianluca; Wan, Can; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 15 Issue: 1 Pages: 116-126 Published: JAN 2019	0	0
208	Title: Operating Expense Optimization for EVs in Multiple Depots and Charge Stations Environment Using Evolutionary Heuristic Method By: Miao, Hui; Chen, Guo; Li, Chaojie; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 9 Issue: 6 Pages: 6599-6611 Published: NOV 2018	0	0
209	Title: Probability-Weighted Robust Optimization for Distributed Generation Planning in Microgrids By: Zhang, Cuo; Xu, Yan; Dong, Zhao Yang Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 33 Issue: 6 Pages: 7042-7051 Published: NOV 2018	0	0
210	Title: Hierarchical control scheme for coordinated reactive power regulation in clustered wind farms By: Yuan, Liang; Meng, Ke; Dong, Zhao Yang Source: IET RENEWABLE POWER GENERATION Volume: 12 Issue: 10 Pages: 1119-1126 Published: JUL 30 2018	0	0
211	Title: Distributed residential energy resource scheduling with renewable uncertainties By: Luo, Fengji; Dong, Zhao Yang; Xu, Zhao; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 12 Issue: 11 Pages: 2770-2777 Published: JUN 19 2018	0	0
212	Title: Management of Gastric Cancer With Umbilical Metastasis: A Case Report By: Dong, Zhiyong; Lin, Wei; Xin, Jianfeng; et al. Source: AMERICAN JOURNAL OF THERAPEUTICS Volume: 25 Issue: 3 Pages: E388-E389 Published: MAY-JUN 2018	0	0

213	Title: Coordinated residential energy resource scheduling with vehicle-to-home and high photovoltaic penetrations By: Luo, Fengji; Ranzi, Gianluca; Kong, Weicon; et al. Source: IET RENEWABLE POWER GENERATION Volume: 12 Issue: 6 Pages: 625-632 Published: APR 30 2018	0	0
214	Title: Robustness of networks formed from interdependent correlated networks under intentional attacks By: Liu, Long; Meng, Ke; Dong, Zhaoyang Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS Volume: 491 Pages: 329-339 Published: FEB 1 2018	0	0
215	Title: Distributed Gas-fired Generation and Battery Energy Storage Planning in a Thin Distribution System By: Qiu, Jing; Dong, Zhao Yang; Meng, Ke; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Portland, OR Date: AUG 05-10, 2018 Sponsor(s): IEEE Power & Energy Soc Source: 2018 IEEE POWER & ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2018	0	0
216	Title: Stochastic Residential Energy Management System with Vehicle-to-Home and Photovoltaic Penetration By: Wang, Shu; Dong, Zhao Yang; Luo, Fengji; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Portland, OR Date: AUG 05-10, 2018 Sponsor(s): IEEE Power & Energy Soc Source: 2018 IEEE POWER & ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2018	0	0
217	Title: Big Data-driven Electricity Plan Recommender System By: Zhang, Yuan; Kong, Weicon; Dong, Zhao Yang; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Portland, OR Date: AUG 05-10, 2018 Sponsor(s): IEEE Power & Energy Soc Source: 2018 IEEE POWER & ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2018	0	0
218	Title: Decentralized Optimal Reactive Power Dispatch of Optimally Partitioned Distribution Networks By: Li, Peishuai; Wu, Zaijun; Meng, Ke; et al. Source: IEEE ACCESS Volume: 6 Pages: 74051-74060 Published: 2018	0	0
219	Title: Preventive-Corrective Demand Response to Improve Short-Term Voltage Stability and Transient Stability in Power Systems By: Kang, Rizhong; Xu, Yan; Dong, Zhao Yang; et al. Conference: Power Systems Computation Conference (PSCC) Location: Dublin, IRELAND Date: JUN 11-15, 2018 Source: 2018 POWER SYSTEMS COMPUTATION CONFERENCE (PSCC) Published: 2018	0	0

220	Title: Rolling horizon optimization for real-time operation of thermostatically controlled load aggregator By: Luo, Fengji; Ranzi, Gianluca; Dong, Zhaoyang Source: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY Volume: 5 Issue: 6 Special Issue: SI Pages: 947-958 Published: NOV 2017	0	0
221	Title: An Advanced method for short-term wind power prediction with multiple observation points using extreme learning machines By: Mahmoud, Tawfek; Dong, Zhao Yang; Ma, Jin Source: JOURNAL OF ENGINEERING-JOE Published: OCT 18 2017	0	0
222	Title: Multiple Perspective-Cuts Outer Approximation Method for Risk-Averse Operational Planning of Regional Energy Service Providers By: Yang, Linfeng; Jian, Jinbao; Xu, Yan; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 13 Issue: 5 Pages: 2606-2619 Published: OCT 2017	0	0
223	Title: Decomposition-based approach to risk-averse transmission expansion planning considering wind power integration By: Qiu, Jing; Zhao, Junhua; Wang, Dongxiao; et al. Source: IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 11 Issue: 14 Pages: 3458-3466 Published: SEP 28 2017	0	0
224	Title: Guest Editorial High Performance Computing (HPC) Applications for a More Resilient and Efficient Power Grid By: Huang, Zhenyu (Henry); Tate, Zeb; Abhyankar, Shrirang; et al. Source: IEEE TRANSACTIONS ON SMART GRID Volume: 8 Issue: 3 Pages: 1363-1365 Published: MAY 2017	0	0
225	Title: A Novel Approach to Investigate the Deterioration of Insulation of Oils in Power Transformers with Terahertz Time-Domain Spectroscopy By: Li, Meng; Tong, Min-Ming; Fletcher, John E.; et al. Source: IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION Volume: 24 Issue: 2 Pages: 930-938 Published: APR 2017	0	0
226	Title: Multi-Cuts Outer Approximation Method for Unit Commitment By: Yang, Linfeng; Jian, Jinbao; Dong, Zhaoyang; et al. Source: IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 32 Issue: 2 Pages: 1587-1588 Published: MAR 2017	0	0

227	<p>Title: Natural Aggregation Approach based Home Energy Manage System with User Satisfaction Modelling</p> <p>By: Luo, F. J.; Ranzi, G.; Dong, Z. Y.; et al.</p> <p>Conference: International Conference on Sustainable Energy Engineering (ICSEE) Location: Perth, AUSTRALIA Date: JUN 12-14, 2017</p> <p>Source: INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY ENGINEERING Book Series: IOP Conference Series- Earth and Environmental Science Volume: 73 Article Number: UNSP 012005 Published: 2017</p>	0	0
228	<p>Title: An Economic Optimization for BESS Sizing in a Hybrid PV and Wind Power Plant</p> <p>By: Yang, Yuqing; Bremner, Stephen; Menictas, Chris; et al.</p> <p>Conference: 7th IEEE Innovative Smart Grid Technologies - Asia (ISGT-Asia) Location: Univ Auckland, Auckland, NEW ZEALAND Date: DEC 04-07, 2017 Sponsor(s): IEEE; IEEE Power & Energy Soc; Univ Auckland, Dept Elect & Comp Engr</p> <p>Source: 2017 IEEE INNOVATIVE SMART GRID TECHNOLOGIES - ASIA (ISGT-ASIA) Pages: 220-225 Published: 2017</p>	0	0
229	<p>Title: Demand Response-Based Preventive-Corrective Control against Short-Term Voltage Instability in Power Systems</p> <p>By: Kang, Rizhong; Xu, Yan; Dong, Zhao Yang; et al.</p> <p>Conference: 7th IEEE Innovative Smart Grid Technologies - Asia (ISGT-Asia) Location: Univ Auckland, Auckland, NEW ZEALAND Date: DEC 04-07, 2017 Sponsor(s): IEEE; IEEE Power & Energy Soc; Univ Auckland, Dept Elect & Comp Engr</p> <p>Source: 2017 IEEE INNOVATIVE SMART GRID TECHNOLOGIES - ASIA (ISGT-ASIA) Pages: 359-363 Published: 2017</p>	0	0
230	<p>Title: A Two-Stage Robust Operation Approach for Combined Cooling, Heat and Power Systems</p> <p>By: Zhang, Cuo; Dong, ZhaoYang; Xu, Yan; et al.</p> <p>Conference: IEEE Conference on Energy Internet and Energy System Integration (EI2) Location: Beijing, PEOPLES R CHINA Date: NOV 26-28, 2017 Sponsor(s): IEEE; IEEE Power & Energy Soc; Tsinghua Univ; SEE; Energy Internet Res Inst; Beijing Assoc Sci & Technol; Tsinghua Berkeley Shenzhen Inst</p> <p>Source: 2017 IEEE CONFERENCE ON ENERGY INTERNET AND ENERGY SYSTEM INTEGRATION (EI2) Pages: 272-277 Published: 2017</p>	0	0

231	<p>Title: A Mixed Logical Dynamical Model for Optimal Energy Scheduling in Microgrids</p> <p>By: Fu, Long; Zhang, Wang; Dong, Zhaoyang; et al.</p> <p>Conference: IEEE Conference on Energy Internet and Energy System Integration (EI2) Location: Beijing, PEOPLES R CHINA Date: NOV 26-28, 2017 Sponsor(s): IEEE; IEEE Power & Energy Soc; Tsinghua Univ; SEE; Energy Internet Res Inst; Beijing Assoc Sci & Technol; Tsinghua Berkeley Shenzhen Inst</p> <p>Source: 2017 IEEE CONFERENCE ON ENERGY INTERNET AND ENERGY SYSTEM INTEGRATION (EI2) Published: 2017</p>	0	0
232	<p>Title: Transmission Expansion Planning With Wind Generation Considering TCSC</p> <p>By: Shen, Wei; Dong, Zhao Yang; Meng, Ke; et al.</p> <p>Conference: IEEE Conference on Energy Internet and Energy System Integration (EI2) Location: Beijing, PEOPLES R CHINA Date: NOV 26-28, 2017 Sponsor(s): IEEE; IEEE Power & Energy Soc; Tsinghua Univ; SEE; Energy Internet Res Inst; Beijing Assoc Sci & Technol; Tsinghua Berkeley Shenzhen Inst</p> <p>Source: 2017 IEEE CONFERENCE ON ENERGY INTERNET AND ENERGY SYSTEM INTEGRATION (EI2) Published: 2017</p>	0	0
233	<p>Title: Hierarchial Power Flow Algorithm for Standalone Hybrid AC/Multi-DC Microgrids</p> <p>By: Aprilia, Ernauli; Meng, Ke; Dong, Zhao Yang; et al.</p> <p>Conference: 2017 IEEE Power & Energy Society General Meeting Location: Chicago, IL Date: JUL 16-20, 2017 Sponsor(s): IEEE</p> <p>Source: 2017 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2017</p>	0	0
234	<p>Title: False Data Injection Attacks Targeting DC Model-Based State Estimation</p> <p>By: Liang, Gaoqi; Weller, Steven R.; Zhao, Junhua; et al.</p> <p>Conference: 2017 IEEE Power & Energy Society General Meeting Location: Chicago, IL Date: JUL 16-20, 2017 Sponsor(s): IEEE</p> <p>Source: 2017 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2017</p>	0	0
235	<p>Title: Composite FDIA and Topology Attack on the Electricity Market</p> <p>By: Liang, Gaoqi; Weller, Steven R.; Zhao, Junhua; et al.</p> <p>Conference: 2017 IEEE Power & Energy Society General Meeting Location: Chicago, IL Date: JUL 16-20, 2017 Sponsor(s): IEEE</p> <p>Source: 2017 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2017</p>	0	0

236	<p>Title: Stochastic Residential Energy Resource Scheduling by Multi-Objective Natural Aggregation Algorithm</p> <p>By: Luo, Fengji; Ranzi, Gianluca; Liang, Gaoqi; et al.</p> <p>Conference: 2017 IEEE Power & Energy Society General Meeting Location: Chicago, IL Date: JUL 16-20, 2017 Sponsor(s): IEEE</p> <p>Source: 2017 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2017</p>	0	0
237	<p>Title: Network Reinforcement for Grid Resiliency under Extreme Events</p> <p>By: Qiu, Jing; Reedman, Luke J.; Dong, Zhao Yang; et al.</p> <p>Conference: 2017 IEEE Power & Energy Society General Meeting Location: Chicago, IL Date: JUL 16-20, 2017 Sponsor(s): IEEE</p> <p>Source: 2017 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2017</p>	0	0
238	<p>Title: Towards Secure Energy Internet Communication Scheme: An Identity-Based Key Bootstrapping Protocol Supporting Unicast and Multicast</p> <p>By: Sani, Abubakar Sadiq; Yuan, Dong; Bao, Wei; et al.</p> <p>Edited by: Gkoulalasdivanis, A; Correia, MP; Avresky, DR</p> <p>Conference: IEEE 16th International Symposium on Network Computing and Applications (NCA) Location: Cambridge, MA Date: OCT 30-NOV 01, 2017 Sponsor(s): IEEE Tech Committee Distributed Processing; Akamai Technologies Inc; Int Res Institute Autonomic Network Computing; IEEE Computer Soc</p> <p>Source: 2017 IEEE 16TH INTERNATIONAL SYMPOSIUM ON NETWORK COMPUTING AND APPLICATIONS (NCA) Pages: 25-29 Published: 2017</p>	0	0
239	<p>Title: Smooth States Transition Control Strategy for Microgrid</p> <p>By: Li, Yaran; Yuan, Liang; Meng, Ke; et al.</p> <p>Conference: IEEE International Conference on Information and Automation (ICIA) Location: Macau, PEOPLES R CHINA Date: JUL 18-20, 2017 Sponsor(s): IEEE; IEEE Robot & Automat Soc; Chinese Univ Hong Kong; State Key Lab Robot & Syst; Univ Macau; Shenzhen Inst Adv Technol; Harbin Inst Technol; Shanghai Gaitech Sci Instruments Co Ltd; Apes Robot Co Ltd; Chinese Assoc Automat; Amer Soc Mech Engineers; Robot Soc Japan; Japan Soc Mech Engineers; Soc Instrument & Control Engineers</p> <p>Source: 2017 IEEE INTERNATIONAL CONFERENCE ON INFORMATION AND AUTOMATION (IEEE ICIA 2017) Pages: 86-91 Published: 2017</p>	0	0

240	Title: Effect of Automatic Hyperparameter Tuning for Residential Load Forecasting via Deep Learning By: Kong, Weicong; Dong, Zhao Yang; Luo, Fengji; et al. Conference: Australasian Universities Power Engineering Conference (AUPEC) Location: Melbourne, AUSTRALIA Date: NOV 19-22, 2017 Source: 2017 AUSTRALASIAN UNIVERSITIES POWER ENGINEERING CONFERENCE (AUPEC) Book Series: Australasian Universities Power Engineering Conference Published: 2017	0	0
241	Title: Optimal scheduling of hydro-thermal power systems considering the flood risk of cascade reservoirs By: Yang, Hongming; Zhang, Lei; Meng, Ke; et al. Source: ENGINEERING OPTIMIZATION Volume: 49 Issue: 8 Pages: 1299-1316 Published: 2017	0	0
242	Title: Optimal Wind Turbine and Air Conditioner Loads Control in Distribution Networks through MILP Approach By: Gao, Xiaodan; Meng, Ke; Wang, Dongxiao; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energ Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	0	0
243	Title: An Enhanced Bootstrap Filtering Method for Non-Intrusive Load Monitoring By: Kong, Weicong; Dong, Zhaoyang; Xu, Yan; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energ Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	0	0
244	Title: Distributed Control of Air-Conditioning Loads for Voltage Regulation in Active Distribution Network By: Wang, Dongxiao; Meng, Ke; Gao, Xiaodan; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energ Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	0	0

245	Title: Mining the Big Data of Residential Appliances in the Smart Grid Environment By: Yang, Jiajia; Zhao, Junhua; Wen, Fushuan; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energ Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	0	0
246	Title: Robust Dispatch of Multiple Energy Resources and Flexible Loads in Energy Internet By: Zhang, Cuo; Dong, ZhaoYang; Ma, Jin; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energ Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	0	0
247	Title: Stability Analysis and Controller Design of a Wide-area Time-delay System Based on the Expectation Model Method By: Zhang, Xinran; Lu, Chao; Xie, Xiaorong; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energ Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	0	0
248	Title: Mining Transient Stability Database for Rule-based Preventive Control of Power Systems By: Zhang, Yuchen; Xu, Yan; Dong, Zhao Yang; et al. Conference: IEEE-Power-and-Energy-Society General Meeting (PESGM) Location: Boston, MA Date: JUL 17-21, 2016 Sponsor(s): IEEE Power & Energ Soc Source: 2016 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PESGM) Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2016	0	0
249	Title: Customized Residential Load Scheduling Based on Data-Driven Appliance Modeling Strategy By: Zhang, Yuan; Meng, Ke; Dong, Zhao Yang Conference: IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC) Location: Xian, PEOPLES R CHINA Date: OCT 25-28, 2016 Sponsor(s): IEEE Power & Energy Soc; Xian Jiaotong Univ; Shaanxi Assoc Sci & Technol; China Soc Elect Engn; State Grid Key Lab Elect Power Environm Protect; Beijing Sifang Automat Co Ltd; State Grid Shaanxi Elect Power Co Source: 2016 IEEE PES ASIA-PACIFIC POWER AND ENERGY ENGINEERING CONFERENCE (APPEEC) Book Series: Asia-Pacific Power and Energy Engineering Conference Pages: 2028-2032 Published: 2016	0	0

250	Title: Risk Constrained Battery Energy Storage Planning in Active Distribution Networks By: Zhang, Yongxi; Luo, Fengji; Meng, Ke; et al. Conference: IEEE International Conference on Power System Technology (POWERCON) Location: Wollongong, AUSTRALIA Date: SEP 28-OCT 01, 2016 Sponsor(s): IEEE Source: 2016 IEEE INTERNATIONAL CONFERENCE ON POWER SYSTEM TECHNOLOGY (POWERCON) Published: 2016	0	0
251	Title: Voltage Regulation in Distribution Network Using Battery Storage Units via Distributed Optimization By: Zhang, Yongxi; Li, Jueyou; Meng, Ke; et al. Conference: IEEE International Conference on Power System Technology (POWERCON) Location: Wollongong, AUSTRALIA Date: SEP 28-OCT 01, 2016 Sponsor(s): IEEE Source: 2016 IEEE INTERNATIONAL CONFERENCE ON POWER SYSTEM TECHNOLOGY (POWERCON) Published: 2016	0	0
252	Title: A Distributed Control for Active Power Curtailment within a Wind Farm Based on Ratio Consensus Algorithms By: Gao, Xiaodan; Meng, Ke; Wang, Dongxiao; et al. Conference: IEEE International Conference on Smart Grid Communications (SmartGridComm) Location: Sydney, AUSTRALIA Date: NOV 06-09, 2016 Sponsor(s): IEEE Source: 2016 IEEE INTERNATIONAL CONFERENCE ON SMART GRID COMMUNICATIONS (SMARTGRIDCOMM) Book Series: International Conference on Smart Grid Communications Published: 2016	0	0
253	Title: Natural Aggregation Algorithm: A New Efficient Metaheuristic Tool for Power System Optimizations By: Luo, Fengji; Dong, Zhao Yang; Chen, Yingying; et al. Conference: IEEE International Conference on Smart Grid Communications (SmartGridComm) Location: Sydney, AUSTRALIA Date: NOV 06-09, 2016 Sponsor(s): IEEE Source: 2016 IEEE INTERNATIONAL CONFERENCE ON SMART GRID COMMUNICATIONS (SMARTGRIDCOMM) Book Series: International Conference on Smart Grid Communications Published: 2016	0	0
254	Title: Consensus-driven Distributed Control of Battery Energy Storage Systems for Loading Management in Distribution Networks By: Wang, Dongxiao; Meng, Ke; Gao, Xiaodan; et al. Conference: IEEE International Conference on Smart Grid Communications (SmartGridComm) Location: Sydney, AUSTRALIA Date: NOV 06-09, 2016 Sponsor(s): IEEE Source: 2016 IEEE INTERNATIONAL CONFERENCE ON SMART GRID COMMUNICATIONS (SMARTGRIDCOMM) Book Series: International Conference on Smart Grid Communications Published: 2016	0	0

255	Title: A Composite Sensitivity Factor Based Method for Networked Distributed Generation Planning By: Zhang, Cuo; Xu, Yan; Dong, ZhaoYang; et al. Conference: 19th Power Systems Computation Conference (PSCC) Location: Genova, ITALY Date: JUN 20-24, 2016 Sponsor(s): IEEE Source: 2016 POWER SYSTEMS COMPUTATION CONFERENCE (PSCC) Published: 2016	0	0
256	Title: An Efficient Approach for Robust SCOPF Considering Load and Renewable Power Uncertainties By: Zhang, Wang; Xu, Yan; Dong, Zhao Yang; et al. Conference: 19th Power Systems Computation Conference (PSCC) Location: Genova, ITALY Date: JUN 20-24, 2016 Sponsor(s): IEEE Source: 2016 POWER SYSTEMS COMPUTATION CONFERENCE (PSCC) Published: 2016	0	0
257	Title: Interdependency Assessment of Coupled Natural Gas and Power Systems in Energy Market By: Yang, Hongzhao; Qiu, Jing; Zhang, Sanhua; et al. Source: INTERNATIONAL JOURNAL OF EMERGING ELECTRIC POWER SYSTEMS Volume: 16 Issue: 6 Pages: 525-536 Published: DEC 2015	0	0
258	Title: ELECTRIC POWER NETWORK FRACTAL AND ITS RELATIONSHIP WITH POWER SYSTEM FAULT By: Hou, Hui; Tang, Aihong; Fang, Hualiang; et al. Source: TEHNICKI VJESNIK-TECHNICAL GAZETTE Volume: 22 Issue: 3 Pages: 623-628 Published: JUN 2015	0	0
259	Title: Energy Internet Risk Assessment Framework By: Hou, Hui; Zhu, Guorong; Chen, Wei; et al. Conference: IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC) Location: Brisbane Convention Exhibition Ctr, Brisbane, AUSTRALIA Date: NOV 15-18, 2015 Sponsor(s): NOJA POWER; ERGON ENERGY; ENERGEX POSITIVE ENERGY; POWERLINK; QUEENSLAND; CIGRE AUSTRALIA; API THE AUSTRALIAN POWER INSTITUTE; THE UNIVERSITY OF QUEENSLAND AUSTRALIA; QUT; GRIFFITH UNIVERSITY Source: 2015 IEEE PES ASIA-PACIFIC POWER AND ENERGY ENGINEERING CONFERENCE (APPEEC) Book Series: Asia-Pacific Power and Energy Engineering Conference Published: 2015	0	0

260	<p>Title: A Risk Management Model for Carbon Constrained Coal Inventory Optimization</p> <p>By: Yang, Jiajia; Zhao, Junhua; Wen, Fushuan; et al.</p> <p>Conference: IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC) Location: Brisbane Convention Exhibition Ctr, Brisbane, AUSTRALIA Date: NOV 15-18, 2015 Sponsor(s): NOJA POWER; ERGON ENERGY; ENERGEX POSITIVE ENERGY; POWERLINK; QUEENSLAND; CIGRE AUSTRALIA; API THE AUSTRALIAN POWER INSTITUTE; THE UNIVERSITY OF QUEENSLAND AUSTRALIA; QUT; GRIFFITH UNIVERSITY</p> <p>Source: 2015 IEEE PES ASIA-PACIFIC POWER AND ENERGY ENGINEERING CONFERENCE (APPEEC) Book Series: Asia-Pacific Power and Energy Engineering Conference Published: 2015</p>	0	0
261	<p>Title: Dynamic Restoration of the State of Charge for the Battery Participating in Mutiple Markets Using Market Price Signals</p> <p>By: Zhai, Qiwei; Ma, Jin; Dong, ZhaoYang; et al.</p> <p>Conference: 5th International Conference on Electric Utility Deregulation and Restructuring and Power Technologies (DRPT)Location: Changsha, PEOPLES R CHINA Date: NOV 26-29, 2015 Sponsor(s): Sch Elect Information Engn; Changsha Univ Sci Technol; IEEE Power & Energy soc; Inst Engn Technol; NSFC; SEE</p> <p>Source: 2015 5TH INTERNATIONAL CONFERENCE ON ELECTRIC UTILITY DEREGULATION AND RESTRUCTURING AND POWER TECHNOLOGIES (DRPT 2015) Pages: 103-107 Published: 2015</p>	0	0
262	<p>Title: A Lower Sideband EMD and Its Application in Power Systems</p> <p>By: Li, Chengxin; Liu, Junyong; Dong, Zhaoyang; et al.</p> <p>Conference: 5th International Conference on Electric Utility Deregulation and Restructuring and Power Technologies (DRPT)Location: Changsha, PEOPLES R CHINA Date: NOV 26-29, 2015 Sponsor(s): Sch Elect Information Engn; Changsha Univ Sci Technol; IEEE Power & Energy soc; Inst Engn Technol; NSFC; SEE</p> <p>Source: 2015 5TH INTERNATIONAL CONFERENCE ON ELECTRIC UTILITY DEREGULATION AND RESTRUCTURING AND POWER TECHNOLOGIES (DRPT 2015) Pages: 757-764 Published: 2015</p>	0	0

263	<p>Title: An Extended Prototypical Smart Meter Architecture for Demand Side Management</p> <p>By: Kong, Weicon; Xu, Yan; Dong, Z. Y.; et al.</p> <p>Conference: 13th IEEE International Conference on Industrial Informatics (INDIN) Location: Cambridge, UNITED KINGDOM Date: JUL 22-24, 2015 Sponsor(s): IEEE; IEEE Ind Elect Soc (IES); Anglia Ruskin Univ; Inst of Engn Techn</p> <p>Source: PROCEEDINGS 2015 IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL INFORMATICS (INDIN) Book Series: IEEE International Conference on Industrial Informatics INDIN Pages: 1008-1013 Published: 2015</p>	0	0
264	<p>Title: Impact of different penetrations of renewable sources and demand side management on Australian future grid</p> <p>By: Wang, Zhuoyang; Zhang, Wang; Zhang, Liyan; et al.</p> <p>Conference: First Workshop on Smart Grid and Renewable Energy (SGRE) Location: Doha, QATAR Date: MAR 22-23, 2015 Sponsor(s): IEEE</p> <p>Source: 2015 FIRST WORKSHOP ON SMART GRID AND RENEWABLE ENERGY (SGRE) Published: 2015</p>	0	0
265	<p>Title: Enabling the Big Data Analysis in the Smart Grid</p> <p>By: Luo, Fengji; Dong, Zhao Yang; Zhao, Junhua; et al.</p> <p>Conference: General Meeting of the IEEE-Power-and-Energy-Society Location: Denver, CO Date: JUL 26-30, 2015 Sponsor(s): IEEE Power & Energy Soc</p> <p>Source: 2015 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2015</p>	0	0
266	<p>Title: A MILP Approach to Accommodate More Building Integrated Photovoltaic System in Distribution Network</p> <p>By: Wang, Haiming; Meng, Ke; Dong, Zhao Yang; et al.</p> <p>Conference: General Meeting of the IEEE-Power-and-Energy-Society Location: Denver, CO Date: JUL 26-30, 2015 Sponsor(s): IEEE Power & Energy Soc</p> <p>Source: 2015 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2015</p>	0	0
267	<p>Title: Efficient Real-Time Residential Energy Management through MILP Based Rolling Horizon Optimization</p> <p>By: Wang, Haiming; Meng, Ke; Dong, Zhao Yang; et al.</p> <p>Conference: General Meeting of the IEEE-Power-and-Energy-Society Location: Denver, CO Date: JUL 26-30, 2015 Sponsor(s): IEEE Power & Energy Soc</p> <p>Source: 2015 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2015</p>	0	0

268	Title: An Efficient and Robust Case Sorting Algorithm for Transient Stability Assessment By: Xue, Yusheng; Huang, Tiangang; Li, Kang; et al. Conference: General Meeting of the IEEE-Power-and-Energy-Society Location: Denver, CO Date: JUL 26-30, 2015 Sponsor(s): IEEE Power & Energy Soc Source: 2015 IEEE POWER & ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2015	0	0
269	Title: Robust H-infinity Load Frequency Control of Future Power Grid with Energy Storage Considering Parametric Uncertainty and Time Delay By: Zhang, Liyan; Chen, Guo; Wang, Zhuoyang; et al. Conference: IEEE PES General Meeting Location: National Harbor, MD Date: JUL 27-31, 2014 Sponsor(s): IEEE Source: 2014 IEEE PES GENERAL MEETING - CONFERENCE & EXPOSITION Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2014	0	0
270	Title: An Efficient Algorithm for Optimal Real-time Pricing Strategy in Smart Grid By: Zhang, Wang; Chen, Guo; Dong, Zhaoyang; et al. Conference: IEEE PES General Meeting Location: National Harbor, MD Date: JUL 27-31, 2014 Sponsor(s): IEEE Source: 2014 IEEE PES GENERAL MEETING - CONFERENCE & EXPOSITION Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2014	0	0
271	Title: A Rule Based Domestic Load Profile Generator for Future Smart Grid By: Kong, Weicong; Dong, Z. Y.; Chen, Guo; et al. Edited by: AbuSiada, A; Masoum, MAS Conference: Australasian Universities Power Engineering Conference (AUPEC) Location: Perth, AUSTRALIA Date: SEP 28-OCT 01, 2014 Sponsor(s): IEEE; ACPE; Curtin Univ; Australian Power Inst; ABB; Murdoch Univ; Univ Western Australia; Edith Cowan Univ; IEEE Power Elect Soc; IET; IEEE Power & Energy Soc; MagellanPower; Western Power; Engineers Australia Source: 2014 Australasian Universities Power Engineering Conference (AUPEC) Book Series: Australasian Universities Power Engineering Conference Published: 2014	0	0

272	<p>Title: A dynamic Game Behavior: Demand Side Management based on Utility maximization with renewable energy and storage integration</p> <p>By: Zhang, Wang; Chen, Guo; Su, Yu; et al.</p> <p>Edited by: AbuSiada, A; Masoum, MAS</p> <p>Conference: Australasian Universities Power Engineering Conference (AUPEC) Location: Perth, AUSTRALIA Date: SEP 28-OCT 01, 2014 Sponsor(s): IEEE; ACPE; Curtin Univ; Australian Power Inst; ABB; Murdoch Univ; Univ Western Australia; Edith Cowan Univ; IEEE Power Elect Soc; IET; IEEE Power & Energy Soc; MagellanPower; Western Power; Engineers Australia</p> <p>Source: 2014 Australasian Universities Power Engineering Conference (AUPEC) Book Series: Australasian Universities Power Engineering Conference Published: 2014</p>	0	0
273	<p>Title: A Hierarchical Optimization Framework for Aggregating Thermostatically Controlled Loads to Minimize Real-time Thermal Rating OF Overhead Distribution Lines</p> <p>By: Wang, Haiming; Meng, Ke; Luo, Fengji; et al.</p> <p>Conference: China International Conference on Electricity Distribution (CICED) Location: Shenzhen Power Supply Co Ltd, Shenzhen, PEOPLES R CHINA Date: SEP 23-26, 2014 Sponsor(s): CIRED Chinese Natl Comm; China So Power Grid; IEEE Power & Energy Soc; Inst Engn & Technol; Int Council Large Elect Syst</p> <p>Source: 2014 China International Conference on Electricity Distribution (CICED) Book Series: China International Conference on Electricity Distribution Article Number: UNSP FP1048 Published: 2014</p>	0	0
274	<p>Title: Demand Response Through Smart Home Energy Management Using Thermal Inertia</p> <p>By: Wang, Haiming; Meng, Ke; Luo, Fengji; et al.</p> <p>Conference: Australasian Universities Power Engineering Conference (AUPEC) Location: Hobart, AUSTRALIA Date: SEP 29-OCT 03, 2013</p> <p>Source: 2013 AUSTRALASIAN UNIVERSITIES POWER ENGINEERING CONFERENCE (AUPEC) Book Series: Australasian Universities Power Engineering Conference Published: 2013</p>	0	0
275	<p>Title: Risk based identification of cascading chains based on Generalized Line Outage Distribution Factors</p> <p>By: Dai, Yuanyu; Xue, Yusheng; Chen, Guo; et al.</p> <p>Conference: 4th International Conference on Intelligent Systems Design and Engineering Applications (ISDEA) Location: Zhangjiajie, PEOPLES R CHINA Date: NOV 06-07, 2013 Sponsor(s): Cent S Univ; St Johns Univ; Hunan Univ Technol, Dept Elect Sci & Technol; Natl Univ Defense Technol; Intelligent Computat Technol & Automat Soci</p> <p>Source: 2013 FOURTH INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEMS DESIGN AND ENGINEERING APPLICATIONS Pages: 553-556 Published: 2013</p>	0	0

276	Title: Transmission Network Expansion Planning with Wind Energy Integration: A Stochastic Programming Model By: Chen, Guo; Dong, ZhaoYang; Hill, David J. Conference: General Meeting of the IEEE-Power-and-Energy-Society Location: San Diego, CA Date: JUL 22-26, 2012 Sponsor(s): IEEE Power & Energy Soc Source: 2012 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING Book Series: IEEE Power and Energy Society General Meeting PESGM Published: 2012	0	0
277	Title: Genetic algorithm based distance spectrum technique for performance union bound of space-time trellis coded OFDM By: Hong, Y; Dong, ZY; Yuan, JH Conference: Congress on Evolutionary Computation (CEC) Location: Canberra, AUSTRALIA Date: DEC 08-12, 2003 Source: CEC: 2003 CONGRESS ON EVOLUTIONARY COMPUTATION, VOLS 1-4, PROCEEDINGS Book Series: IEEE Congress on Evolutionary Computation Pages: 2659-2664 Published: 2003	0	0
278	Title: Minimum-order stable recursive filter design via the genetic algorithm approach By: Liu, WQ; Dong, ZY; Zhang, CS; et al. Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 32 Issue: 3 Pages: 401-408 Published: MAR 2001	0	0
279	Title: Nonlinear computation and control for small disturbance stability By: Hill, DJ; Dong, ZY Conference: IEEE Power-Engineering-Society Summer Meeting Location: SEATTLE, WA Date: JUL 16-20, 2000 Sponsor(s): Power Engn Soc; IEEE Source: 2000 IEEE POWER ENGINEERING SOCIETY SUMMER MEETING, CONFERENCE PROCEEDINGS, VOLS 1-4 Pages: 836-841 Published: 2000	0	0

280	<p>Title: Coordinated steady-state voltage stability assessment and control By: Makarov, YV; Wu, Q; Hill, DJ; et al. Conference: 4th International Conference on Advances in Power System Control, Operation & Management Location: WANCHAI, HONG KONG Date: NOV 11-14, 1997 Sponsor(s): Inst Elect Engineers, Hong Kong; Hong Kong Inst Engineers, Elect Div; Inst Elect Engineers, UK; Analogue Tech Agcy Ltd, EFACEC Oriente Lda; China Light & Power Co Ltd; Clipsal Asia Ltd; Delta Crompton Cables; GEC Alsthom Power Generat; GEC Alsthom T & D Protect & Control Ltd; Hawker Siddeley Switchgear, Whipp & Bourne; Jardine Meiden Engn Co Ltd; K C Wong Educ Fdn; Kum Shing Construct Co Ltd, KF; Mak Hang Kei Construct Ltd, Hong Kong; Mitsubishi Elect Ltd, Hong Kong; Pirelli Cables Ltd; Raychem Ltd, Hong Kong; Rolls Royce Ind Power, Hong Kong; Sumitomo Elect Ind Ltd; Supremetech Engn Co Ltd, Merlin Gerin, UK; Hong Kong Elect Co Ltd Source: FOURTH INTERNATIONAL CONFERENCE ON ADVANCES IN POWER SYSTEM CONTROL, OPERATION & MANAGEMENT, VOLS 1 AND 2 Pages: 248-253 Published: 1997</p>	0	0
281	<p>Title: Computing the aperiodic and oscillatory small signal stability boundaries in modern power grids By: Dong, ZY; Makarov, YV; Hill, DJ Edited by: Sprague, RH Conference: 30th Hawaii International Conference on System Sciences (HICSS 30) Location: WAILEA, HI Date: JAN 07-10, 1997 Sponsor(s): Univ Hawaii; Univ Hawaii Manoa, Coll Business Adm Source: THIRTIETH HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES, VOL 5: ADVANCED TECHNOLOGY Book Series: PROCEEDINGS OF THE ANNUAL HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES Pages: 668-675 Published: 1997</p>	0	0
282	<p>Title: A general method for small signal stability analysis By: Makarov, YV; Dong, ZY; Hill, DJ Conference: 20th International Conference on Power Industry Computer Applications (PICA 97) Location: COLUMBUS, OH Date: MAY 11-16, 1997 Sponsor(s): IEEE Power Engn Soc Source: PROCEEDINGS OF THE 20TH INTERNATIONAL CONFERENCE ON POWER INDUSTRY COMPUTER APPLICATIONS Pages: 280-286 Published: 1996</p>	0	0