

Yijia Cao

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2091154/yijia-cao-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

144
papers

3,063
citations

30
h-index

50
g-index

179
ext. papers

4,161
ext. citations

5.3
avg, IF

5.7
L-index

#	Paper	IF	Citations
144	Perturbation observer-based nonlinear control of VSC-MTDC systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 134, 107387	5.1	1
143	A Novel Power Programming Strategy for Railway Power Regulation with Dynamic Exploration. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	
142	Optimal Operation for Hybrid AC and DC Systems Considering Branch Switching and VSC Control. <i>IEEE Systems Journal</i> , 2022 , 1-9	4.3	1
141	A novel fault location method for hybrid lines based on traveling wave. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 141, 108102	5.1	0
140	Adaptive control strategy of solid state transformer with fast dynamic response and enhanced balance performance. <i>IET Power Electronics</i> , 2022 , 15, 306-316	2.2	0
139	Low-carbon economic dispatch considering integrated demand response and multistep carbon trading for multi-energy microgrid.. <i>Scientific Reports</i> , 2022 , 12, 6218	4.9	1
138	Integrated Optimization of Dual-Active-Bridge DC-DC Converter with ZVS for Battery Charging Applications. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	
137	A Comprehensive Weight-Based Severity Evaluation Method of Voltage Sag in Distribution Networks. <i>Energies</i> , 2021 , 14, 6434	3.1	3
136	Impact of EV load uncertainty on optimal planning for electric vehicle charging station. <i>Science China Technological Sciences</i> , 2021 , 64, 2469	3.5	2
135	Optimization of Variable-Current Charging Strategy Based on SOC Segmentation for Li-ion Battery. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 622-629	6.1	5
134	A New DC Multipulse Integrated Shipboard Power Supply System and Performance Analysis Referring to Transformer Noninteger Turns Ratio Deviation. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 353-363	7.2	4
133	Correction to Optimization of Variable-Current Charging Strategy Based on SOC Segmentation for Li-Ion Battery[Jan 21 622-629]. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4770-4770	6.1	
132	Frequency and Voltage Stability Analysis of Grid-forming Virtual Synchronous Generator Attached to Weak Grid. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	7
131	. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 141-156	10.7	8
130	. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 349-359	8.2	11
129	Optimal Charging Strategy with Complementary Pulse Current Control of Lithium-Ion Battery for Electric Vehicles. <i>IEEE Transactions on Transportation Electrification</i> , 2021 , 1-1	7.6	0
128	Coordinated Droop Control and Adaptive Model Predictive Control for Enhancing HVRT and Post-Event Recovery of Large-Scale Wind Farm. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1549-1560	8.2	8

127	A Distributed Cooperative Control Based on Consensus Protocol for VSC-MTDC Systems. <i>IEEE Transactions on Power Systems</i> , 2021 , 36, 2877-2890	7	3
126	Impedance-based method for DC stability of VSC-HVDC system with VSG control. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 130, 106975	5.1	6
125	Autonomous Removing Foreign Objects for Power Transmission Line by Using a Vision-Guided Unmanned Aerial Manipulator. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2021 , 103, 1	2.9	1
124	A New Push-Pull DC/DC Converter Topology with Complementary Active Clamped. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	2
123	Data-driven model-free adaptive damping control with unknown control direction for wind farms. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 123, 106213	5.1	3
122	. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 4609-4621	7	26
121	Data-Driven Wide-Area Model-Free Adaptive Damping Control With Communication Delays for Wind Farm. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 5062-5071	10.7	12
120	Transactive energy system: a review of cyber-physical infrastructure and optimal scheduling. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 173-179	2.5	9
119	Blockchain Technology for Information Security of the Energy Internet: Fundamentals, Features, Strategy and Application. <i>Energies</i> , 2020 , 13, 881	3.1	17
118	Linearizing Power Flow Model: A Hybrid Physical Model-Driven and Data-Driven Approach. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 2475-2478	7	14
117	Autonomous energy community based on energy contract. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 682-689	2.5	11
116	Latin Hypercube Sampling Method for Location Selection of Multi-Infeed HVDC System Terminal. <i>Energies</i> , 2020 , 13, 1646	3.1	3
115	Operational Risk Assessment of Electric-Gas Integrated Energy Systems Considering N-1 Accidents. <i>Energies</i> , 2020 , 13, 1208	3.1	3
114	A two-layer dynamic voltage regulation strategy for DC distribution networks with distributed energy storages. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 120, 105999	5.1	6
113	Simplified Co-simulation Model for Investigating Impacts of Cyber-Contingency 2020 , 139-161		
112	Optimal Attack Strategy on Power System 2020 , 201-216		
111	Review on GPS spoofing-based time synchronisation attack on power system. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 4301-4309	2.5	3
110	Optimization of multi-stage constant current charging pattern based on Taguchi method for Li-Ion battery. <i>Applied Energy</i> , 2020 , 259, 114148	10.7	30

109	Optimal Planning of Islanded Integrated Energy System With Solar-Biogas Energy Supply. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 2437-2448	8.2	18
108	A Traveling Wave-Based Fault Location Method Employing VMD-TEO for Distribution Network. <i>IEEE Transactions on Power Delivery</i> , 2020 , 35, 1987-1998	4.3	25
107	Hybrid charging strategy with adaptive current control of lithium-ion battery for electric vehicles. <i>Renewable Energy</i> , 2020 , 160, 1385-1395	8.1	5
106	Modelling and analysis of radial distribution network with high penetration of renewable energy considering the time series characteristics. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 2800-2809	2.5	5
105	Enhancing Hosting Capacity of Uncertain and Correlated Wind Power in Distribution Network With ANM Strategies. <i>IEEE Access</i> , 2020 , 8, 189115-189128	3.5	1
104	. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1737-1747	10.7	27
103	. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1100-1111	10.7	32
102	The Communication System and its Impacts on Line Current Differential Protection in Distributed Feeder Automation. <i>Energies</i> , 2020 , 13, 1298	3.1	1
101	PSO-based optimization for constant-current charging pattern for li-ion battery. <i>Chinese Journal of Electrical Engineering</i> , 2019 , 5, 72-78	4	13
100	Supercapacitor Integrated Railway Static Power Conditioner for Regenerative Braking Energy Recycling and Power Quality Improvement of High-Speed Railway System. <i>IEEE Transactions on Transportation Electrification</i> , 2019 , 5, 702-714	7.6	33
99	Comprehensive inertia control for hybrid AC/DC distribution system. <i>Journal of Engineering</i> , 2019 , 2019, 2284-2288	0.7	
98	Impact of uncertainty and correlation on operation of micro-integrated energy system. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 112, 262-271	5.1	21
97	Maximizing Network Resilience against Malicious Attacks. <i>Scientific Reports</i> , 2019 , 9, 2261	4.9	6
96	Service Restoration Model With Mixed-Integer Second-Order Cone Programming for Distribution Network With Distributed Generations. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 4138-4150	10.7	47
95	Optimal energy management for the residential MES. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 1786-1793	2.5	22
94	An OLTC-inverter coordinated voltage regulation method for distribution network with high penetration of PV generations. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 113, 991-1001	5.1	12
93	Electric vehicle charging schedule considering user's charging selection from economics. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 3388-3396	2.5	14
92	Finding Solutions for Optimal Reactive Power Dispatch Problem by a Novel Improved Antlion Optimization Algorithm. <i>Energies</i> , 2019 , 12, 2968	3.1	24

91	An Evaluation Method based on TOPSIS for Urban Rail Transit Power Supply System 2019 ,		4
90	MILP Model for Hosting Capacity Assessment of Distributed Generation in Distribution Networks Considering ZIP load Model 2019 ,		2
89	An Identification Method of Fault Type Based on GWO-SVM for Distribution Network 2019 ,		1
88	Power Quality Management of PV Power Plant With Transformer Integrated Filtering Method. <i>IEEE Transactions on Power Delivery</i> , 2019 , 34, 941-949	4.3	63
87	Cooperative Operation of DG Inverters and a RIHAF for Power Quality Improvement in an Integrated Transformer-Structured Grid-Connected Microgrid. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 1157-1170	4.3	10
86	Flexible Voltage Control Strategy Considering Distributed Energy Storages for DC Distribution Network. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 163-172	10.7	72
85	A Fast Sensitivity-Based Preventive Control Selection Method for Online Voltage Stability Assessment. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 4189-4196	7	12
84	Asynchronous Method for Frequency Regulation by Dispersed Plug-in Electric Vehicles. <i>International Journal of Emerging Electric Power Systems</i> , 2018 , 19,	1.4	2
83	A Compensation System for Cophase High-Speed Electric Railways by Reactive Power Generation of SHC&SAC. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 2956-2966	8.9	14
82	A Virtual Synchronous Generator Control Strategy for VSC-MTDC Systems. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 750-761	5.4	88
81	Comprehensive Power Losses Model for Electronic Power Transformer. <i>IEEE Access</i> , 2018 , 6, 14926-14934	3.5	9
80	A comprehensive review of Energy Internet: basic concept, operation and planning methods, and research prospects. <i>Journal of Modern Power Systems and Clean Energy</i> , 2018 , 6, 399-411	4	39
79	Virtual Synchronous Generator Control for Damping DC-Side Resonance of VSC-MTDC System. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2018 , 6, 1054-1064	5.6	25
78	An Asymmetrical Connection Balance Transformer-Based Hybrid Railway Power Conditioning System With Cost-Function Optimization. <i>IEEE Transactions on Transportation Electrification</i> , 2018 , 4, 577-590	7.6	18
77	Multiobjective Generation Portfolio of Hybrid Energy Generating Station for Mobile Emergency Power Supplies. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 5786-5797	10.7	20
76	A Simplified Co-Simulation Model for Investigating Impacts of Cyber-Contingency on Power System Operations. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 4893-4905	10.7	26
75	Integrated Optimization of Network Topology and DG Outputs for MVDC Distribution Systems. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 1121-1123	7	10
74	Fractal Characteristics Analysis of Blackouts in Interconnected Power Grid. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 1085-1086	7	13

73	Multiobjective Model of Time-of-Use and Stepwise Power Tariff for Residential Consumers in Regulated Power Markets. <i>IEEE Systems Journal</i> , 2018 , 12, 2676-2687	4.3	14
72	Adaptive Droop Control of VSC-MTDC System for Frequency Support and Power Sharing. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 1264-1274	7	92
71	Cyber-Attack on Overloading Multiple Lines: A Bilevel Mixed-Integer Linear Programming Model. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 1534-1536	10.7	39
70	Optimal Stochastic Operation of Integrated Low-Carbon Electric Power, Natural Gas, and Heat Delivery System. <i>IEEE Transactions on Sustainable Energy</i> , 2018 , 9, 273-283	8.2	124
69	A Flexible Power Control Strategy for Hybrid AC/DC Zones of Shipboard Power System With Distributed Energy Storages. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 5496-5508	11.9	40
68	Machine Learning Based on Bayes Networks to Predict the Cascading Failure Propagation. <i>IEEE Access</i> , 2018 , 6, 44815-44823	3.5	13
67	Fault ride through strategy of VSC-MTDC system connected with offshore wind farms 2018 ,		1
66	Cascading Failure Analysis of Cyber Physical Power System With Multiple Interdependency and Control Threshold. <i>IEEE Access</i> , 2018 , 6, 39353-39362	3.5	22
65	Optimal Scheduling of BiogasSolarWind Renewable Portfolio for Multicarrier Energy Supplies. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 6229-6239	7	75
64	Severe Cyber Attack for Maximizing the Total Loadings of Large-Scale Attacked Branches. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 6998-7000	10.7	11
63	A Hybrid Control Strategy to Support Voltage in Industrial Active Distribution Networks. <i>IEEE Transactions on Power Delivery</i> , 2018 , 33, 2590-2602	4.3	4
62	Real-Time Voltage Flicker Tracking Method Based on Improved Teager Energy Operator and Fourier Transform. <i>Electric Power Components and Systems</i> , 2018 , 46, 1198-1209	1	1
61	A Robust Mixed-Integer Second-Order Cone Programming for Service Restoration of Distribution Network 2018 ,		1
60	Economic planning approach for electric vehicle charging stations integrating traffic and power grid constraints. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 3925-3934	2.5	31
59	Impact of Road-Block on Peak-Load of Coupled Traffic and Energy Transportation Networks. <i>Energies</i> , 2018 , 11, 1776	3.1	5
58	Understanding DC-side high-frequency resonance in MMC-HVDC system. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 2247-2255	2.5	3
57	A Controllably Inductive Filtering Method With Transformer-Integrated Linear Reactor for Power Quality Improvement of Shipboard Power System. <i>IEEE Transactions on Power Delivery</i> , 2017 , 32, 1817-1827	4.3	21
56	. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1831-1842	10.7	47

55	Hierarchical Decomposition for Betweenness Centrality Measure of Complex Networks. <i>Scientific Reports</i> , 2017 , 7, 46491	4.9	11
54	Co-simulation of distributed control system based on JADE for smart distribution networks with distributed generations. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 3097-3105	2.5	10
53	An electric railway power conditioning system based on asymmetrical connection balance transformer 2017 ,		2
52	Voltage Stability Analysis and Sliding-Mode Control Method for Rectifier in DC Systems With Constant Power Loads. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2017 , 5, 1621-1630	5.6	31
51	Microgrid Risk Analysis Considering the Impact of Cyber Attacks on Solar PV and ESS Control Systems. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1330-1339	10.7	34
50	Protection Scheme for Loop-Based Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1340-1349	10.7	34
49	A Power Factor-Oriented Railway Power Flow Controller for Power Quality Improvement in Electrical Railway Power System. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 1167-1177	8.9	31
48	A Virtual Impedance Comprehensive Control Strategy for the Controllably Inductive Power Filtering System. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 920-926	7.2	56
47	Optimal multiperiod dispatch for hybrid VSC-MTDC and AC grids by coordination of offshore wind farm and battery energy storage 2017 ,		1
46	A Lyapunov Stability Theory-Based Control Strategy for Three-Level Shunt Active Power Filter. <i>Energies</i> , 2017 , 10, 112	3.1	5
45	An Efficient Phase-Locked Loop for Distorted Three-Phase Systems. <i>Energies</i> , 2017 , 10, 280	3.1	5
44	A Two-Layer Active Disturbance Rejection Controller Design for Load Frequency Control of Interconnected Power System. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 3320-3321	7	73
43	Assessment Method and Indexes of Operating States Classification for Distribution System With Distributed Generations. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 481-490	10.7	20
42	A Two-Stage Stochastic Programming Approach Considering Risk Level for Distribution Networks Operation With Wind Power. <i>IEEE Systems Journal</i> , 2016 , 10, 117-126	4.3	19
41	Cost analysis of air capture driven by wind energy under different scenarios. <i>Journal of Modern Power Systems and Clean Energy</i> , 2016 , 4, 275-281	4	1
40	Microgrids for Enhancing the Power Grid Resilience in Extreme Conditions. <i>IEEE Transactions on Smart Grid</i> , 2016 , 1-1	10.7	76
39	Optimal placement of TCSC using controllability Gramian to damp power system oscillations. <i>International Transactions on Electrical Energy Systems</i> , 2016 , 26, 1493-1510	2.2	7
38	Procedure and Model of Antidisaster Differentiated Planning for a Power Distribution System. <i>Journal of Energy Engineering - ASCE</i> , 2016 , 142, 04015007	1.7	0

37	Optimal scheduling of virtual power plant with battery degradation cost. <i>IET Generation, Transmission and Distribution</i> , 2016 , 10, 712-725	2.5	57
36	An Inductively Filtered Multiwinding Rectifier Transformer and Its Application in Industrial DC Power Supply System. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 3987-3997	8.9	12
35	Power System Risk Assessment in Cyber Attacks Considering the Role of Protection Systems. <i>IEEE Transactions on Smart Grid</i> , 2016 , 1-1	10.7	69
34	Double resonant output filter to eliminating the tradeoff between bandwidth and switching ripple in shunt active power filters. <i>IET Power Electronics</i> , 2016 , 9, 846-854	2.2	3
33	Improved Teager Energy Operator and Improved Chirp-Z Transform for Parameter Estimation of Voltage Flicker. <i>IEEE Transactions on Power Delivery</i> , 2016 , 31, 245-253	4.3	14
32	Sequential design and global optimization of local power system stabilizer and wide-area HVDC stabilizing controller. <i>Journal of Modern Power Systems and Clean Energy</i> , 2016 , 4, 292-299	4	2
31	A Time-Scale Adaptive Dispatch Method for Renewable Energy Power Supply Systems on Islands. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 1069-1078	10.7	11
30	Power Quality Improvement and LVRT Capability Enhancement of Wind Farms by Means of an Inductive Filtering Method. <i>Energies</i> , 2016 , 9, 302	3.1	3
29	Automatic voltage control based on adaptive zone-division for active distribution system 2016 ,		2
28	Comprehensive decision-making method considering voltage risk for preventive and corrective control of power system. <i>IET Generation, Transmission and Distribution</i> , 2016 , 10, 1544-1552	2.5	6
27	Reconfiguration optimization of DC zonal distribution network of shipboard power system 2016 ,		2
26	Hidden benefits of electric vehicles for addressing climate change. <i>Scientific Reports</i> , 2015 , 5, 9213	4.9	25
25	A hierarchical and partition low-carbon evaluation model for active power distribution grid 2015 ,		1
24	Credibility forecasting in short-term load forecasting and its application. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 1564-1571	2.5	7
23	Hybrid islanding detection method based on decision tree and positive feedback for distributed generations. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 1819-1825	2.5	18
22	Cyber-physical electrical energy systems: challenges and issues. <i>CSEE Journal of Power and Energy Systems</i> , 2015 , 1, 36-42	2.3	26
21	Hybrid inductive and active filtering method for damping harmonic resonance in distribution network with non-linear loads. <i>IET Power Electronics</i> , 2015 , 8, 1616-1624	2.2	8
20	A Y-D Multifunction Balance Transformer-Based Power Quality Control System for Single-Phase Power Supply System. <i>IEEE Transactions on Industry Applications</i> , 2015 , 1-1	4.3	1

19	A New Railway Power Flow Control System Coupled With Asymmetric Double LC Branches. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 5484-5498	7.2	27
18	Microgrid stochastic economic load dispatch based on two-point estimate method and improved particle swarm optimization. <i>International Transactions on Electrical Energy Systems</i> , 2015 , 25, 2144-2164 ^{2.2}		22
17	Capacity optimisation method of distribution static synchronous compensator considering the risk of voltage sag in high-voltage distribution networks. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 2602-2610	2.5	7
16	Model predictive control considering cyber-physical system to dampen low frequency oscillation of interconnected power systems 2015 ,		1
15	Delay-dependent wide-area damping control for stability enhancement of HVDC/AC interconnected power systems. <i>Control Engineering Practice</i> , 2015 , 37, 43-54	3.9	24
14	Optimal allocation of multi-type FACTS devices in power systems based on power flow entropy. <i>Journal of Modern Power Systems and Clean Energy</i> , 2014 , 2, 173-180	4	24
13	A New Half-Bridge Winding Compensation-Based Power Conditioning System for Electric Railway with LQRI. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 5242-5256	7.2	20
12	Method for evaluating the importance of power grid nodes based on PageRank algorithm. <i>IET Generation, Transmission and Distribution</i> , 2014 , 8, 1843-1847	2.5	24
11	Chance-Constrained Optimization-Based Unbalanced Optimal Power Flow for Radial Distribution Networks. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 1855-1864	4.3	52
10	Enhancement of Commutation Reliability of an HVDC Inverter by Means of an Inductive Filtering Method. <i>IEEE Transactions on Power Electronics</i> , 2013 , 28, 4917-4929	7.2	32
9	Synergistic and priority control for electric vehicles power allocation in participating in AGC 2013 ,		5
8	Review of the impact of electric vehicles participating in frequency regulation on power grid 2013 ,		4
7	What's the difference between traditional power grid and smart grid? From dispatching perspective 2013 ,		8
6	A New Stepwise Power Tariff Model and Its Application for Residential Consumers in Regulated Electricity Markets. <i>IEEE Transactions on Power Systems</i> , 2013 , 28, 300-308	7	38
5	An Optimized EV Charging Model Considering TOU Price and SOC Curve. <i>IEEE Transactions on Smart Grid</i> , 2012 , 3, 388-393	10.7	468
4	Assessment and Choice of Input Signals for Multiple HVDC and FACTS Wide-Area Damping Controllers. <i>IEEE Transactions on Power Systems</i> , 2012 , 27, 1969-1977	7	46
3	. <i>IEEE Transactions on Power Delivery</i> , 2012 , 27, 1096-1105	4.3	90
2	Battery switch station modeling and its economic evaluation in microgrid 2012 ,		5

1 Energy management system architecture for new energy power supply system of islands **2012**,

2