Xiao-Ping Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7657756/publications.pdf

Version: 2024-02-01

234 papers	6,125 citations	76326 40 h-index	95266 68 g-index
244 all docs	244 docs citations	244 times ranked	5236 citing authors

#	Article	IF	Citations
1	Small-Signal Stability of DC Current Flow Controller Integrated Meshed Multi-Terminal HVDC System. IEEE Transactions on Power Systems, 2023, 38, 188-203.	6.5	6
2	Proposal-Copula-Based Fusion of Spaceborne and Airborne SAR Images for Ship Target Detectionâžâž. Information Fusion, 2022, 77, 247-260.	19.1	13
3	Fault Self-Recovering Control Strategy of Bipolar VSC-MTDC for Large-Scale Renewable Energy Integration. IEEE Transactions on Power Systems, 2022, 37, 3036-3047.	6.5	6
4	Voltage control of common capacitor and self-faults analysis of DC current flow controllers for meshed multi-terminal HVDC grids. Energy Reports, 2022, 8, 752-761.	5.1	2
5	Optimization and trading of district multi-energy system in university community considering carbon emission. International Journal of Electrical Power and Energy Systems, 2022, 137, 107450.	5.5	9
6	Resilience enhancement strategy for multi-energy systems considering multi-stage recovery process and multi-energy coordination. Energy, 2022, 241, 122834.	8.8	20
7	Solar power generation intermittency and aggregation. Scientific Reports, 2022, 12, 1363.	3.3	15
8	Distributionally Robust Joint Chance-Constrained Dispatch for Integrated Transmission-Distribution Systems via Distributed Optimization. IEEE Transactions on Smart Grid, 2022, 13, 2132-2147.	9.0	25
9	Distributed adjustable robust optimal power-gas flow considering wind power uncertainty. International Journal of Electrical Power and Energy Systems, 2022, 139, 107963.	5.5	11
10	Distributed Optimal Power Flow for VSC-MTDC Meshed AC/DC Grids Using ALADIN. IEEE Transactions on Power Systems, 2022, 37, 4861-4873.	6.5	8
11	The Identification of ECG Signals Using WT-UKF and IPSO-SVM. Sensors, 2022, 22, 1962.	3.8	5
12	An Improved Hybrid PSO-TS Algorithm for Solving Nonlinear Equations of SHEPWM in Multilevel Inverters. IEEE Access, 2022, 10, 48112-48125.	4.2	12
13	Single-End Based Fault Location Method for VSC-HVDC Transmission Systems. IEEE Access, 2022, 10, 43129-43142.	4.2	6
14	The Identification of ECG Signals Using Wavelet Transform and WOA-PNN. Sensors, 2022, 22, 4343.	3.8	4
15	Frequency Support Control Method for Interconnected Power Systems Using VSC-MTDC. IEEE Transactions on Power Systems, 2021, 36, 2304-2313.	6.5	25
16	Hierarchical and Robust Scheduling Approach for VSC-MTDC Meshed AC/DC Grid With High Share of Wind Power. IEEE Transactions on Power Systems, 2021, 36, 793-805.	6.5	19
17	A Scalable Privacy-Preserving Multi-Agent Deep Reinforcement Learning Approach for Large-Scale Peer-to-Peer Transactive Energy Trading. IEEE Transactions on Smart Grid, 2021, 12, 5185-5200.	9.0	58
18	Global Electricity Interconnection With 100% Renewable Energy Generation. IEEE Access, 2021, 9, 113169-113186.	4.2	24

#	Article	IF	Citations
19	Economic Analysis of Power Grid Interconnections Among Europe, North-East Asia, and North America With 100% Renewable Energy Generation. IEEE Open Access Journal of Power and Energy, 2021, 8, 268-280.	3.4	9
20	More Efficient AC Filterless Flexible LCC HVDC by Analyzing the Impact of Single-Phase Fault on Commutations. IEEE Access, 2021, 9, 7643-7654.	4.2	0
21	A Combined Method of Improved Grey BP Neural Network and MEEMD-ARIMA for Day-Ahead Wave Energy Forecast. IEEE Transactions on Sustainable Energy, 2021, 12, 2404-2412.	8.8	37
22	Electric Vehicle Charging Simulation Framework Considering Traffic, User, and Power Grid. Journal of Modern Power Systems and Clean Energy, 2021, 9, 602-611.	5.4	7
23	Isolation and Suppression of Forced Oscillations Through Wind Farms Under Grid Following and Grid Forming Control. IEEE Access, 2021, 9, 76446-76460.	4.2	7
24	Coordinated Damping Control Design for Power System With Multiple Virtual Synchronous Generators Based on Prony Method. IEEE Open Access Journal of Power and Energy, 2021, 8, 316-328.	3.4	7
25	Optimal Bi-Level Scheduling Method of Vehicle-to-Grid and Ancillary Services of Aggregators with Conditional Value-at-Risk. Energies, 2021, 14, 7015.	3.1	2
26	Adaptive Direct Output Voltage Control of STATCOM for Dynamic Voltage Support. , 2021, , .		1
27	Assessing the impact of LCC HVDC system on dynamic behaviours of Kazakhstan power system. , 2021, , .		0
28	Optimal Active Power Dispatch Calculation Method for VSC-MTDC. , 2021, , .		0
29	Integrated port energy system considering integrated demand response and energy interconnection. International Journal of Electrical Power and Energy Systems, 2020, 117, 105654.	5.5	65
30	Harmonic Analysis of Modular Multilevel Matrix Converter for Fractional Frequency Transmission System. IEEE Transactions on Power Delivery, 2020, 35, 1209-1219.	4.3	27
31	Multi-Objective Optimal STATCOM Allocation for Voltage Sag Mitigation. IEEE Transactions on Power Delivery, 2020, 35, 1410-1422.	4.3	23
32	Thermodynamic Analysis of a Hybrid Trigenerative Compressed Air Energy Storage System with Solar Thermal Energy. Entropy, 2020, 22, 764.	2.2	4
33	Energy Quality: A Definition. IEEE Open Access Journal of Power and Energy, 2020, 7, 430-440.	3.4	31
34	The Value and Optimal Sizes of Energy Storage Units in Solar-Assist Cogeneration Energy Hubs. Applied Sciences (Switzerland), 2020, 10, 4994.	2.5	7
35	Flexible powerâ€pointâ€trackingâ€based frequency regulation strategy for PV system. IET Renewable Power Generation, 2020, 14, 1797-1807.	3.1	24
36	Technological Research of a Clean Energy Router Based on Advanced Adiabatic Compressed Air Energy Storage System. Entropy, 2020, 22, 1440.	2.2	4

#	Article	IF	Citations
37	Simplified hybrid reliability simulation approach of a VSC DC grid with integration of an improved DC current flow controller. Microelectronics Reliability, 2020, 114, 113782.	1.7	1
38	A comparative thermodynamic analysis of Kalina and organic Rankine cycles for hot dry rock: a prospect study in the Gonghe Basin. Frontiers in Energy, 2020, 14, 889-900.	2.3	8
39	Wind Power Prediction of Kernel Extreme Learning Machine Based on Differential Evolution Algorithm and Cross Validation Algorithm. IEEE Access, 2020, 8, 68874-68882.	4.2	26
40	Fast Frequency Support From Wind Turbine Systems by Arresting Frequency Nadir Close to Settling Frequency. IEEE Open Access Journal of Power and Energy, 2020, 7, 191-202.	3.4	33
41	Modelling and experimental validation of advanced adiabatic compressed air energy storage with offâ€design heat exchanger. IET Renewable Power Generation, 2020, 14, 389-398.	3.1	14
42	Small-Signal Stability Analysis of the Interactions Between Voltage Source Converters and DC Current Flow Controllers. IEEE Open Access Journal of Power and Energy, 2020, 7, 2-12.	3.4	12
43	Universal Power Flow Algorithm for Bipolar Multi-Terminal VSC-HVDC. Energies, 2020, 13, 1053.	3.1	9
44	Building Damage Detection via Superpixel-Based Belief Fusion of Space-Borne SAR and Optical Images. IEEE Sensors Journal, 2020, 20, 2008-2022.	4.7	24
45	An improved DC current flow controller with double quadrants operation and fault isolation capability. Energy Reports, 2020, 6, 856-862.	5.1	0
46	Reactive Power and AC Voltage Support from Flexible LCC HVDC to Wind Energy Integrated Power System. , 2020, , .		0
47	Transfer function based equivalent modeling method for wind farm. Journal of Modern Power Systems and Clean Energy, 2019, 7, 549.	5.4	6
48	Subâ€synchronous interactions in power systems with wind turbines: a review. IET Renewable Power Generation, 2019, 13, 4-15.	3.1	38
49	Windâ€“Wave Coupling Model for Wave Energy Forecast. IEEE Transactions on Sustainable Energy, 2019, 10, 586-595.	8.8	13
50	Small Signal Model of Modular Multilevel Matrix Converter for Fractional Frequency Transmission System. IEEE Access, 2019, 7, 110187-110196.	4.2	14
51	Parametric Analysis and Optimization of a DC Current Flow Controller in Meshed MTDC Grids. IEEE Access, 2019, 7, 87960-87976.	4.2	5
52	Coordinated Start-Up Control and Inter-Converter Oscillations Damping for MMC-HVDC Grid. IEEE Access, 2019, 7, 65093-65102.	4.2	15
53	SSR Analysis of DFIG-Based Wind Farm With VSM Control Strategy. IEEE Access, 2019, 7, 118702-118711.	4.2	10
54	Cost Analysis and Comparison between Modular Multilevel Converter (MMC) and Modular Multilevel Matrix Converter (M3C) for Offshore Wind Power Transmission. , 2019, , .		5

#	Article	IF	Citations
55	Voltage source control of offshore allâ€ÐC wind farm. Journal of Engineering, 2019, 2019, 4718-4722.	1.1	2
56	A Cluster-Based Baseline Load Calculation Approach for Individual Industrial and Commercial Customer. Energies, 2019, 12, 64.	3.1	7
57	Design of a reward-penalty cost for the promotion of net-zero energy buildings. Energy, 2019, 180, 36-49.	8.8	9
58	Artificial intelligence based smart energy community management: A reinforcement learning approach. CSEE Journal of Power and Energy Systems, 2019, , .	1.1	72
59	Thermodynamic Analysis of a Hybrid Power System Combining Kalina Cycle with Liquid Air Energy Storage. Entropy, 2019, 21, 220.	2.2	23
60	Series Capacitor Compensated AC Filterless Flexible LCC HVDC With Enhanced Power Transfer Under Unbalanced Faults. IEEE Transactions on Power Systems, 2019, 34, 3069-3080.	6.5	30
61	Voltage source control of offshore allâ€ÐC wind farm. IET Renewable Power Generation, 2019, 13, 2986-2993.	3.1	6
62	The Impact on Power System with Wind Integration from Multiple Virtual Synchronous Machines. , 2019, , .		0
63	AC Grids Characteristics Oriented Multi-Point Voltage Coordinated Control Strategy for VSC-MTDC. IEEE Access, 2019, 7, 7728-7736.	4.2	10
64	Impact of introducing penalty-cost on optimal design of renewable energy systems for net zero energy buildings. Applied Energy, 2019, 235, 106-116.	10.1	23
65	Development of European Energy Internet and the role of Energy Union. , 2019, , 347-367.		3
66	Hybrid Control Strategy for AC Voltage Stabilization in Bipolar VSC-MTDC. IEEE Transactions on Power Systems, 2019, 34, 129-139.	6.5	32
67	Economic Performance of Net-Zero Energy Community under Reward-Penalty Mechanism Considering PV System Reliability. Environmental and Climate Technologies, 2019, 23, 26-42.	1.4	4
68	Robust Parameter Estimation and Output Prediction for Nonlinear Water Quality Control in Water Distribution Systems. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	2.6	2
69	Commutation Failure Elimination of LCC HVDC Systems Using Thyristor-Based Controllable Capacitors. IEEE Transactions on Power Delivery, 2018, 33, 1448-1458.	4.3	89
70	Automatic Selection Method for Candidate Lines in Transmission Expansion Planning. IEEE Access, 2018, 6, 11605-11613.	4.2	20
71	AC Filterless Flexible LCC HVDC With Reduced Voltage Rating of Controllable Capacitors. IEEE Transactions on Power Systems, 2018, 33, 5507-5518.	6.5	42
72	Integrated resources planning in microgrids considering interruptible loads and shiftable loads. Journal of Modern Power Systems and Clean Energy, 2018, 6, 802-815.	5.4	31

#	Article	IF	Citations
73	Optimal siting and sizing of distributed generation in distribution systems with PV solar farm utilized as STATCOM (PV-STATCOM). Applied Energy, 2018, 210, 1092-1100.	10.1	92
74	Mitigation of subâ€synchronous control interaction of a power system with DFIGâ€based wind farm under multiâ€operating points. IET Generation, Transmission and Distribution, 2018, 12, 5834-5842.	2.5	15
75	Methodology for P&C cyber security studies using realâ€time digital simulation. Journal of Engineering, 2018, 2018, 1130-1134.	1.1	0
76	Penalty-cost-based design optimization of renewable energy system for net zero energy buildings. Energy Procedia, 2018, 147, 7-14.	1.8	12
77	Overlapping Animal Sound Classification Using Sparse Representation. , 2018, , .		5
78	Advanced RTDSâ€based studies of the impact of STATCOM on feeder distance protection. Journal of Engineering, 2018, 2018, 1038-1042.	1.1	6
79	RTDSâ€based HIL testing platform for complex modern electricity transmission systems. Journal of Engineering, 2018, 2018, 1315-1320.	1.1	1
80	A Solarâ€“Thermal-Assisted Adiabatic Compressed Air Energy Storage System and Its Efficiency Analysis. Applied Sciences (Switzerland), 2018, 8, 1390.	2.5	13
81	Evaluation of latent membrane protein 1 and microRNAâ€‘155 for the prognostic prediction of diffuse large B cell lymphoma. Oncology Letters, 2018, 15, 9725-9734.	1.8	6
82	Droop Control for a Multi-Line Current Flow Controller in Meshed Multi-Terminal HVDC Grid Under Large DC Disturbances. IEEE Power and Energy Technology Systems Journal, 2018, 5, 35-46.	2.8	12
83	Near-Infrared Fusion via Color Regularization for Haze and Color Distortion Removals. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 3111-3126.	8.3	40
84	An intrusion detection method for internet of things based on suppressed fuzzy clustering. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	51
85	Real-Time FPGA-RTDS Co-Simulator for Power Systems. IEEE Access, 2018, 6, 44917-44926.	4.2	26
86	Reactive Power and AC Voltage Control of LCC HVDC System With Controllable Capacitors. IEEE Transactions on Power Systems, 2017, 32, 753-764.	6.5	73
87	Market Equilibrium in Active Distribution System With $mu $ VPPs: A Coevolutionary Approach. IEEE Access, 2017, 5, 8194-8204.	4.2	14
88	Apigenin's anticancer properties and molecular mechanisms of action: Recent advances and future prospectives. Chinese Journal of Natural Medicines, 2017, 15, 321-329.	1.3	60
89	Sensorimotor self-learning model based on operant conditioning for two-wheeled robot. Journal of Shanghai Jiaotong University (Science), 2017, 22, 148-155.	0.9	6
90	Contributing to DSOâ€™s Energy-Reserve Pool: A Chance-Constrained Two-Stage $mu $ VPP Bidding Strategy. IEEE Power and Energy Technology Systems Journal, 2017, 4, 94-105.	2.8	11

#	Article	IF	Citations
91	General Energy Filters for Power Smoothing, Tracking and Processing Using Energy Storage. IEEE Access, 2017, 5, 19373-19382.	4.2	19
92	Efficacy and safety evaluation of fludarabine-based chemotherapy regimen for patients with non-Hodgkin lymphoma. Medicine (United States), 2017, 96, e7781.	1.0	1
93	FPGA-based detailed EMTP. , 2017, , .		4
94	Wind Power Smoothing by Controlling the Inertial Energy of Turbines With Optimized Energy Yield. IEEE Access, 2017, 5, 23374-23382.	4.2	37
95	Economic Dispatch of an Integrated Heat-Power Energy Distribution System with a Concentrating Solar Power Energy Hub. Journal of Energy Engineering - ASCE, 2017, 143, .	1.9	10
96	Control and protection sequence for recovery and reconfiguration of an offshore integrated MMC multi-terminal HVDC system under DC faults. International Journal of Electrical Power and Energy Systems, 2017, 86, 81-92.	5.5	35
97	Hybrid hydrogel photonic barcodes for multiplex detection of tumor markers. Biosensors and Bioelectronics, 2017, 87, 264-270.	10.1	60
98	Coordinated design and application of robust damping controllers for shunt FACTS devices to enhance small-signal stability of large-scale power systems. CSEE Journal of Power and Energy Systems, 2017, 3, 399-407.	1.1	19
99	Review of Middle East energy interconnection development. Journal of Modern Power Systems and Clean Energy, 2017, 5, 917-935.	5.4	34
100	Gambogenic Acid Exerts Antitumor Activity in Hypoxic Multiple Myeloma Cells by Regulation of miR-21. Journal of Cancer, 2017, 8, 3278-3286.	2.5	15
101	Treatment and prognostic factors for survival in newly diagnosed multiple myeloma patients with bortezomib and dexamethasone regimen: a single Chinese center retrospective study. Cancer Management and Research, 2017, Volume 9, 373-380.	1.9	4
102	Effect of pomalidomide on relapsed/refractory multiple myeloma: a systematic review and meta-analysis. Journal of Cancer, 2017, 8, 1801-1808.	2.5	5
103	Interactive Gaussian-sum filtering for estimating systematic risk in financial econometrics. , 2017, , .		2
104	Small Signal Stability of Fractional Frequency Transmission System With Offshore Wind Farms. IEEE Transactions on Sustainable Energy, 2016, 7, 1538-1546.	8.8	21
105	A Wind-Wave Farm System With Self-Energy Storage and Smoothed Power Output. IEEE Access, 2016, 4, 8634-8642.	4.2	49
106	A Configurable $mu $ VPP With Managed Energy Services: A Malmo Western Harbour Case. IEEE Power and Energy Technology Systems Journal, 2016, 3, 166-178.	2.8	9
107	Two-stage stochastic dual dynamic programming for transmission expansion planning with significant renewable generation and N-k criterion. CSEE Journal of Power and Energy Systems, 2016, 2, 3-10.	1.1	30
108	Impact of increased wind power generation on subsynchronous resonance of turbine-generator units. Journal of Modern Power Systems and Clean Energy, 2016, 4, 219-228.	5.4	25

#	Article	IF	Citations
109	Layer-Based Approach for Image Pair Fusion. IEEE Transactions on Image Processing, 2016, 25, 2866-2881.	9.8	29
110	Iterative DC Optimal Power Flow Considering Transmission Network Loss. Electric Power Components and Systems, 2016, 44, 955-965.	1.8	14
111	A new kind of learning algorithm with the mechanism of intrinsic motivation. , 2016, , .		0
112	Review and prospect of compressed air energy storage system. Journal of Modern Power Systems and Clean Energy, 2016, 4, 529-541.	5.4	119
113	Small-signal Stability Analysis and Control System Design of a Meshed Multi-terminal High-Voltage Direct Current Grid with a Current Flow Controller. Electric Power Components and Systems, 2016, 44, 1126-1137.	1.8	10
114	A Solution to the Chance-Constrained Two-Stage Stochastic Program for Unit Commitment With Wind Energy Integration. IEEE Transactions on Power Systems, 2016, 31, 4185-4196.	6.5	84
115	Start-Up Control of an Offshore Integrated MMC Multi-Terminal HVDC System With Reduced DC Voltage. IEEE Transactions on Power Systems, 2016, 31, 2740-2751.	6.5	53
116	Elimination of Commutation Failures of LCC HVDC System with Controllable Capacitors. IEEE Transactions on Power Systems, 2016, 31, 3289-3299.	6.5	116
117	Detection and Identification of Hematologic Malignancies and Solid Tumors by an Electrochemical Technique. PLoS ONE, 2016, 11, e0153821.	2.5	3
118	Efficacy of carfilzomib in the treatment of relapsed and (or) refractory multiple myeloma: a meta-analysis of data from clinical trials. Discovery Medicine, 2016, 22, 189-199.	0.5	4
119	Severe thrombocytopenia after dasatinib treatment in a patient with Philadelphia chromosome-positive chronic myeloid leukemia. OncoTargets and Therapy, 2015, 8, 955.	2.0	2
120	Three Control Approaches for Optimized Energy Flow With Home Energy Management System. IEEE Power and Energy Technology Systems Journal, 2015, 2, 21-31.	2.8	63
121	A self-learning sensorimotor model based on operant conditioning theory. , 2015, , .		0
122	Basic topology and key devices of the five-terminal DC grid. CSEE Journal of Power and Energy Systems, 2015, 1, 22-35.	1.1	193
123	Robust coordination damping control of multi-model system with FACTS devices via sequential approach. , 2015, , .		3
124	Aggregator service for PV and battery energy storage systems of residential building. CSEE Journal of Power and Energy Systems, 2015, 1, 3-11.	1.1	58
125	Development of an Advanced LCC-HVDC Model for Transmission System. , 2015, , .		0
126	Coordinated Design of Multiple Robust FACTS Damping Controllers: A BMI-Based Sequential Approach With Multi-Model Systems. IEEE Transactions on Power Systems, 2015, 30, 3150-3159.	6.5	56

#	Article	IF	Citations
127	A DC current flow controller for meshed modular multilevel converter multiterminal HVDC grids. CSEE Journal of Power and Energy Systems, 2015, 1, 43-51.	1.1	51
128	DC fault management for VSC MTDC system using delayed-auto-re-configuration scheme. , 2015, , .		2
129	A novel management scheme of multiple microgrids via a common interface. , 2015, , .		4
130	Analytical approximate calculation of losses for modular multilevel converters. IET Generation, Transmission and Distribution, 2015, 9, 2455-2465.	2.5	12
131	Start-Up Sequences of an Offshore Integrated MMC MTDC System. , 2015, , .		5
132	Stochastic Small-Signal Stability of Power Systems With Wind Power Generation. IEEE Transactions on Power Systems, 2015, 30, 1680-1689.	6.5	65
133	Clinical outcomes of transfusion-associated iron overload in patients with refractory chronic anemia. Patient Preference and Adherence, 2014, 8, 513.	1.8	12
134	The interleukin-10-1082A>G polymorphism and lymphoma risk: A meta-analysis. Cancer Biomarkers, 2014, 14, 381-388.	1.7	3
135	Control and protection strategy for MMC MTDC system under converter-side AC fault during converter blocking failure. Journal of Modern Power Systems and Clean Energy, 2014, 2, 272-281.	5.4	19
136	Model predictive control for energy storage systems in a network with high penetration of renewable energy and limited export capacity. , 2014, , .		17
137	Guest Editorial: Introduction to the special section on energy storage applications for smart grid. IEEE Transactions on Smart Grid, 2014, 5, 935-936.	9.0	1
138	Real-time Energy Control Approach for Smart Home Energy Management System. Electric Power Components and Systems, 2014, 42, 315-326.	1.8	101
139	Preclinical Pharmacological Evaluation of a Novel Multiple Kinase Inhibitor, ON123300, in Brain Tumor Models. Molecular Cancer Therapeutics, 2014, 13, 1105-1116.	4.1	19
140	Real-Time Scheduling of Residential Appliances via Conditional Risk-at-Value. IEEE Transactions on Smart Grid, 2014, 5, 1282-1291.	9.0	142
141	A Joint Smart Generation Scheduling Approach for Wind Thermal Pumped Storage Systems. Electric Power Components and Systems, 2014, 42, 372-385.	1.8	8
142	Impacts of Energy Storage on Short Term Operation Planning Under Centralized Spot Markets. IEEE Transactions on Smart Grid, 2014, 5, 1110-1118.	9.0	50
143	Robust Damping Control of Power Systems With TCSC: A Multi-Model BMI Approach With H<formula formulatype="inline"> <tex Notation="TeX">$_{2}$</tex></formula> Performance. IEEE Transactions on Power Systems, 2014, 29, 1512-1521.	6.5	16
144	Study of Skinner automaton implemented on tracking targets. , 2014, , .		0

#	Article	IF	Citations
145	Polymorphism of methylenetetrahydrofolate reductase gene is associated with response to fluorouracil-based chemotherapy in Chinese patients with gastric cancer. Chinese Medical Journal, 2014, 127, 3562-7.	2.3	3
146	Transfer characteristics of thyristor-based HVDC convertor in subsynchronous and low frequency band. International Transactions on Electrical Energy Systems, 2013, 23, 835-845.	1.9	0
147	Integrated Pharmacokinetic-Driven Approach to Screen Candidate Anticancer Drugs for Brain Tumor Chemotherapy. AAPS Journal, 2013, 15, 250-257.	4.4	11
148	Guest Editorial: Introduction to the special section on planning and operation of transmission grid with applications to smart grid& - From concept to implementation. IEEE Transactions on Smart Grid, 2013, 4, 1619-1620.	9.0	2
149	A converter-based general interface for AC microgrid integrating to the grid. , 2013, , .		8
150	Parameterization of Linear Supply Functions in Nonlinear AC Electricity Market Equilibrium Modelsâ€"Part I: Literature Review and Equilibrium Algorithm. IEEE Transactions on Power Systems, 2013, 28, 650-658.	6.5	36
151	Parameterization of linear supply functions in nonlinear AC electricity market equilibrium models - Part II: Case studies. IEEE Transactions on Power Systems, 2013, 28, 659-668.	6.5	5
152	Marine Energy Technology [Sanning the Issue]. Proceedings of the IEEE, 2013, 101, 862-865.	21.3	4
153	Modeling, Control Strategy, and Power Conditioning for Direct-Drive Wave Energy Conversion to Operate With Power Grid. Proceedings of the IEEE, 2013, 101, 925-941.	21.3	64
154	The Preparation Of PLGA-PLL-Peg Nanoparticles Simultaneously Loaded With Daunorubicin and Tetrandrine By Modified Double-Emulsion Method. Blood, 2013, 122, 4918-4918.	1.4	0
155	Flexible AC Transmission Systems: Modelling and Control. Power Systems, 2012, , .	0.5	195
156	Coordinated algorithms for distributed state estimation with synchronized phasor measurements. Applied Energy, 2012, 96, 253-260.	10.1	39
157	Power Electronic Control for Wind Generation Systems. Power Systems, 2012, , 499-546.	0.5	0
158	Modeling of FACTS-Devices in Optimal Power Flow Analysis. Power Systems, 2012, , 113-156.	0.5	0
159	Modeling of Multi-Converter FACTS in Power Flow Analysis. Power Systems, 2012, , 67-111.	0.5	0
160	FACTS-Devices and Applications. Power Systems, 2012, , 1-30.	0.5	9
161	Modeling of Multi-Functional Single Converter FACTS in Power Flow Analysis. Power Systems, 2012, , 31-66.	0.5	1
162	Steady State Voltage Stability of Unbalanced Three-Phase Power Systems. Power Systems, 2012, , 245-267.	0.5	0

#	Article	IF	Citations
163	Modeling of FACTS in Three-Phase Power Flow and Three-Phase OPF Analysis. Power Systems, 2012, , 157-212.	0.5	0
164	Steady State Power System Voltage Stability Analysis and Control with FACTS. Power Systems, 2012, , 213-244.	0.5	0
165	IGBT based high power DC-DC converters. , 2012, , .		1
166	Screening candidate anticancer drugs for brain tumor chemotherapy: Pharmacokinetic-driven approach for a series of (E)-N-(substituted aryl)-3-(substituted phenyl)propenamide analogues. Investigational New Drugs, 2012, 30, 2263-2273.	2.6	7
167	Accelerated Newtonâ€“Raphson power flow. European Transactions on Electrical Power, 2012, 22, 504-517.	1.0	8
168	Modeling of Plug-in Hybrid Electric Vehicle Charging Demand in Probabilistic Power Flow Calculations. IEEE Transactions on Smart Grid, 2012, 3, 492-499.	9.0	360
169	Marine Energy: The Key for the Development of Sustainable Energy Supply [Point of View]. Proceedings of the IEEE, 2012, 100, 3-5.	21.3	6
170	Polymorphisms of dihydropyrimidine dehydrogenase gene and clinical outcomes of gastric cancer patients treated with fluorouracil-based adjuvant chemotherapy in Chinese population. Chinese Medical Journal, 2012, 125, 741-6.	2.3	18
171	Towards European smart grids. , 2011, , .		8
172	Optimal location of unified power flow controller for congestion management. European Transactions on Electrical Power, 2010, 20, 600-610.	1.0	13
173	An epidemiological investigation of leukemia incidence between 2003 and 2007 in Nanjing, China. Journal of Hematology and Oncology, 2010, 3, 21.	17.0	20
174	Electricity market equilibrium of nonlinear power systems with reactive power control. Electric Power Systems Research, 2010, 80, 537-546.	3.6	4
175	Test systems for Economic Analysis — An introduction. , 2010, , .		2
176	Control strategy for AWS based wave energy conversion system. , 2010, , .		6
177	Parameter Tuning for Wind Turbine with Doubly Fed Induction Generator Using PSO. , 2010, , .		4
178	Modelling and control of offshore wind farm with VSC-HVDC transmission system. , 2010, , .		5
179	Small signal stability analysis and control of the wind turbine with the direct-drive permanent magnet generator integrated to the grid. Electric Power Systems Research, 2009, 79, 1661-1667.	3.6	92
180	Self-Phase modulation in nonlinear 2-D plasma waveguides. Optics Communications, 2009, 282, 4303-4307.	2.1	3

#	Article	IF	Citations
181	Comparison between two probabilistic load flow methods for reliability assessment. , 2009, , .		14
182	Optimal Control for AWS-Based Wave Energy Conversion System. IEEE Transactions on Power Systems, 2009, 24, 1747-1755.	6.5	69
183	Application of the battery energy storage in wave energy conversion system. , 2009, , .		10
184	Vulnerability assessment for cascading failures in electric power systems. , 2009, , .		51
185	Electricity market modelling with photovoltaic active and reactive power generation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 98-103.	0.4	1
186	Plenary Session: Wave Generation: Operation and Control Challenges. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 7-9.	0.4	0
187	Association of Janus Kinase 2(JAK2) A830G Polymorphism with Acute Leukemia Susceptibility.. Blood, 2009, 114, 1573-1573.	1.4	1
188	SPM of nonlinear surface plasmon waveguides. Optics Communications, 2008, 281, 5009-5013.	2.1	9
189	Energy loss minimization of electricity networks with large wind generation using FACTS. , 2008, , .		4
190	Modeling and Control of AWS-Based Wave Energy Conversion System Integrated Into Power Grid. IEEE Transactions on Power Systems, 2008, 23, 1196-1204.	6.5	127
191	Decentralized Nonlinear Control of Wind Turbine With Doubly Fed Induction Generator. IEEE Transactions on Power Systems, 2008, 23, 613-621.	6.5	111
192	Initial review of methods for cascading failure analysis in electric power transmission systems IEEE PES CAMS task force on understanding, prediction, mitigation and restoration of cascading failures. , 2008, , .		168
193	New entries in the electricity market: Choosing the best location for a new generating unit. , 2008, , .		1
194	Modeling and control of the wind turbine with the Direct Drive Permanent Magnet Generator integrated to power grid. , 2008, , .		8
195	Innovative and massively deployed sensors in electric power systems. , 2008, , .		3
196	Impact of the Transformer Tap-Ratio Control on the Electricity Market Equilibrium. IEEE Transactions on Power Systems, 2008, 23, 65-75.	6.5	11
197	A vision of electricity network congestion management with FACTS and HVDC. , 2008, , .		9
198	The Chinese Electricity Market Infrastructure and Operation System: Current Status and Future Development. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	4

#	Article	IF	Citations
199	Impact of wind turbines on power system stability. , 2007, , .		2
200	Small signal stability analysis and optimal control of a wind turbine with doubly fed induction generator. IET Generation, Transmission and Distribution, 2007, 1, 751.	2.5	261
201	Composite load models based on field measurements and their applications in dynamic analysis. IET Generation, Transmission and Distribution, 2007, 1, 724.	2.5	44
202	Management of Congestion Costs Utilizing FACTS Controllers in a Bilateral Electricity Market Environment. , 2007, , .		9
203	Application of NMI to the Design of FACTS Damping Control with Multiple Operating Points. , 2007, , .		1
204	Market Equilibrium in Congested Transmission Networks with Transformer Tap-Ratio Control. , 2007, , .		2
205	Congestion Management of Electricity Markets Using FACTS Controllers. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	8
206	Electricity market equilibrium analysis based on nonlinear interior point algorithm with complementarity constraints. IET Generation, Transmission and Distribution, 2007, 1, 603.	2.5	30
207	Rapid numerical difference recurrent formula of nonlinear SchrÃ¶dinger equation and its application. Optics Communications, 2007, 270, 379-383.	2.1	0
208	The Impact of Reactive Power on the Electricity Market Equilibrium. , 2006, , .		6
209	Modeling and Control of Wind Turbine with Doubly Fed Induction Generator. , 2006, , .		28
210	Comprehensive modelling of the unified power flow controller for power system control. Electrical Engineering, 2006, 88, 241-246.	2.0	5
211	Unified power flow controller models for three-phase power flow analysis. Electrical Engineering, 2006, 88, 247-257.	2.0	6
212	Robust modeling of the interline power flow controller and the generalized unified power flow controller with small impedances in power flow analysis. Electrical Engineering, 2006, 89, 1-9.	2.0	9
213	Design of STATCOM damping control with multiple operating points: a multimodel LMI approach. IET Generation, Transmission and Distribution, 2006, 153, 375.	1.1	24
214	A grid for tomorrow [power transmission grid improvements]. Power Engineering Journal, 2006, 20, 22.	0.1	9
215	Continuation Power Flow in Distribution System Analysis. , 2006, , .		15
216	A Novel Gate Electrode of CNT-FED. , 2006, , .		0

#	Article	IF	Citations
217	Nonlinear interior-point optimal power flow method based on a current mismatch formulation. IET Generation, Transmission and Distribution, 2005, 152, 795.	1.1	34
218	Continuation Three-Phase Power Flow: A Tool for Voltage Stability Analysis of Unbalanced Three-Phase Power Systems. IEEE Transactions on Power Systems, 2005, 20, 1320-1329.	6.5	81
219	Modelling of the static synchronous series compensator (SSSC) in three-phase Newton power flow. IET Generation, Transmission and Distribution, 2004, 151, 486.	1.1	23
220	Theoretical Study of Electro-Optic Effect and Elasto-Optic Effect in Chirped Fiber Grating with Uniaxial Crystal Materials Cladding. Optical and Quantum Electronics, 2004, 36, 469-481.	3.3	3
221	Multi-control functional static synchronous compensator (STATCOM) in power system steady-state operations. Electric Power Systems Research, 2004, 72, 269-278.	3.6	44
222	Multiterminal Voltage-Sourced Converter-Based HVDC Models for Power Flow Analysis. IEEE Transactions on Power Systems, 2004, 19, 1877-1884.	6.5	173
223	Study of characteristics of fiber Bragg grating with uniaxial crystal material cladding. Optics Communications, 2003, 219, 193-198.	2.1	5
224	Advanced modeling of the multicontrol functional static synchronous series compensator (SSSC) in newton power flow. IEEE Transactions on Power Systems, 2003, 18, 1410-1416.	6.5	104
225	Modeling of the generalized unified power flow controller (GUPFC) in a nonlinear interior point OPF. IEEE Transactions on Power Systems, 2001, 16, 367-373.	6.5	79
226	Advanced implementation of UPFC in a nonlinear interior-point OPF. IET Generation, Transmission and Distribution, 2001, 148, 489.	1.1	40
227	Frequency-dependent simple harmonic model of synchronous machines. IEEE Power Engineering Review, 2000, 20, 58-60.	0.1	4
228	More sophisticated synchronous machine model and the relevant harmonic power flow study. IET Generation, Transmission and Distribution, 1999, 146, 261.	1.1	11
229	Decoupled asymmetrical three-phase load flow study by parallel processing. IET Generation, Transmission and Distribution, 1996, 143, 61.	1.1	10
230	Fast three phase load flow methods. IEEE Transactions on Power Systems, 1996, 11, 1547-1554.	6.5	69
231	Analysis and selection of transmission line models used in power system transient simulations. International Journal of Electrical Power and Energy Systems, 1995, 17, 239-246.	5.5	12
232	Asymmetrical three-phase load-flow study based on symmetrical component theory. IET Generation, Transmission and Distribution, 1994, 141, 248.	1.1	71
233	Advanced unified power flow controller model for power system steady state control. , 0, , .		14
234	Congestion Management of Transmission Systems Using FACTS. , 0, , .		24