Xueqian Fu

List of Publications by Year in descending order

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50 papers	996 citations	567144 15 h-index	477173 29 g-index
50 all docs	50 docs citations	50 times ranked	770 citing authors

#	Article	IF	Citations
1	Research on the Trading Arrangement and Clearing Model of Medium- and Long-Term Inter-Provincial Markets Considering Security Constraints. Frontiers in Energy Research, 2022, 9, .	1.2	4
2	Statistical machine learning model for capacitor planning considering uncertainties in photovoltaic power. Protection and Control of Modern Power Systems, 2022, 7, .	4.3	82
3	Key technologies and applications of rural energy internet in China. Information Processing in Agriculture, 2022, , .	2.9	19
4	Viewpoints on the Experiences and Challenges of Fishery Energy Internet. Frontiers in Energy Research, 2022, 10, .	1.2	7
5	Multi-Time-Scale Analysis of Power Balance Considering Coordination Between Distributed and Centralized PV Power Generation. Frontiers in Energy Research, 2022, 10, .	1.2	1
6	Viewpoints on Net-Zero Emissions of Agricultural Energy Internet. Frontiers in Energy Research, 2022, 10, .	1.2	1
7	Artificial Intelligence Early Warnings of Agricultural Energy Internet. Frontiers in Energy Research, 2022, 10, .	1.2	3
8	Fast probability power flow calculation of distribution networks considering dynamic correlation and high-dimensional uncertainty. , 2021, , 17-48.		1
9	A Review of Key Technologies and Trends in the Development of Integrated Heating and Power Systems in Agriculture. Entropy, 2021, 23, 260.	1.1	18
10	Optimal Power Allocation for Cooperative Pattern Division Multiple Access Systems. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	3
11	Statistical Machine Learning Model for Uncertainty Planning of Distributed Renewable Energy Sources in Distribution Networks. Frontiers in Energy Research, 2021, 9, .	1.2	6
12	Pattern Division Multiple Access Featuring Amplify-and-Forward Relaying in an Uplink Network. IEEE Access, 2020, 8, 85656-85663.	2.6	6
13	Local False Data Injection Attack Theory Considering Isolation Physical-Protection in Power Systems. IEEE Access, 2020, 8, 103285-103290.	2.6	10
14	Optimal Planning Method for a Multi-Energy Complementary System with New Energies Considering Energy Supply Reliability. , 2020, , .		7
15	Performance analysis of cooperative PDMA with AF relaying over Rayleigh fading channels. IET Communications, 2020, 14, 2166-2175.	1.5	3
16	The Design of Receiver with Low Complexity for PDMA System. Journal of Physics: Conference Series, 2020, 1626, 012142.	0.3	2
17	Statistical Machine Learning Model for Stochastic Optimal Planning of Distribution Networks Considering a Dynamic Correlation and Dimension Reduction. IEEE Transactions on Smart Grid, 2020, 11, 2904-2917.	6.2	87
18	Security analysis of a park-level agricultural energy Internet considering agrometeorology and energy meteorology. CSEE Journal of Power and Energy Systems, 2020, , .	1.7	10

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19	Multi-Energy System Planning for Low-Carbon Park Considering Supply and Demand Interaction. , 2020, , .		0
20	Estimation of building energy consumption using weather information derived from photovoltaic power plants. Renewable Energy, 2019, 130, 130-138.	4.3	12
21	Optimal Allocation of Distributed Energy Resources in Energy Microgrids. , 2019, , .		1
22	Unscented Kalman Filter based interval state estimation of cyber physical energy system for detection of dynamic attack. Energy, 2019, 188, 116036.	4.5	21
23	Recommended Air Conditioner Temperature Based on Probabilistic Power Flow Considering High-Dimensional Stochastic Variables. IEEE Access, 2019, 7, 133951-133961.	2.6	10
24	Grid connection technique based on Î¼ theory for a twoâ€stage PV structure. IET Power Electronics, 2019, 12, 1545-1553.	1.5	12
25	Estimating the failure probability in an integrated energy system considering correlations among failure patterns. Energy, 2019, 178, 656-666.	4.5	18
26	Deep learning aided interval state prediction for improving cyber security in energy internet. Energy, 2019, 174, 1292-1304.	4.5	54
27	Prospects for Energy Internet of Agricultural Engineering in China. , 2019, , .		5
28	Deep Learning-Based Interval State Estimation of AC Smart Grids Against Sparse Cyber Attacks. IEEE Transactions on Industrial Informatics, 2018, 14, 4766-4778.	7.2	177
29	Failure probability estimation of gas supply using the central moment method in an integrated energy system. Applied Energy, 2018, 219, 1-10.	5.1	41
30	On the Performance of PDMA With Decode-and-Forward Relaying in Downlink Network. IEEE Access, 2018, 6, 20113-20124.	2.6	9
31	An Approach to Kinetic Energy Recovery System for Electric Vehicle Considering SC and Bi-directional Converters. , 2018, , .		6
32	Scenario Based Local AC Sparse False Data Injection Attack on Smart Grid. , 2018, , .		0
33	Failure probability estimation of the gas supply using a data-driven model in an integrated energy system. Applied Energy, 2018, 232, 704-714.	5.1	38
34	Use of a second-order reliability method to estimate the failure probability of an integrated energy system. Energy, 2018, 161, 425-434.	4.5	22
35	Probabilistic power flow analysis considering the dependence between power and heat. Applied Energy, 2017, 191, 582-592.	5.1	41
36	Uncertainty analysis of an integrated energy system based on information theory. Energy, 2017, 122, 649-662.	4.5	60

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37	Estimation of the failure probability of an integrated energy system based on the first order reliability method. Energy, 2017, 134, 1068-1078.	4.5	39
38	Typical scenario set generation algorithm for an integrated energy system based on the Wasserstein distance metric. Energy, 2017, 135, 153-170.	4.5	29
39	Interval state estimation based defense mechanism against cyber attack on power systems. , 2017, , .		7
40	Thermal Load Prediction Considering Solar Radiation and Weather. Energy Procedia, 2016, 103, 3-8.	1.8	9
41	Electric Power Output Optimization for CCHP Using PSO Theory. Energy Procedia, 2016, 103, 9-14.	1.8	12
42	Improved LSF method for loss estimation and its application in DG allocation. IET Generation, Transmission and Distribution, 2016, 10, 2512-2519.	1.4	22
43	Optimal allocation and adaptive VAR control of PV-DG in distribution networks. Applied Energy, 2015, 137, 173-182.	5.1	63
44	Catastrophe theory as a tool for DG placement decision making. , 2014, , .		0
45	Dynamic voltage restorer based on active hybrid energy storage system. , 2014, , .		3
46	Study on effectiveness evaluation of the siting of DG based on a TOPSIS method-based approach. , 2013, , .		1
47	Transient stability of a distribution network with DFACTS devices and FSWT. , 2013, , .		2
48	Synthetic evaluation of power quality based on entropy of relative intensity and local variable weight. , 2010, , .		1
49	Viewpoints on the Theory of Agricultural Energy Internet. Frontiers in Energy Research, 0, 10, .	1.2	8
50	Statistical Machine Learning Model for Uncertainty Analysis of Photovoltaic Power. Frontiers in Energy Research, 0, 10, .	1.2	3