Xueqian Fu

List of Publications by Year
in descending order

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	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
2	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
3	Statistical machine learning model for capacitor planning considering uncertainties in photovoltaic power. Protection and Control of Modern Power Systems, 2022, 7, .	4.3	82
4	Optimal allocation and adaptive VAR control of PV-DG in distribution networks. Applied Energy, 2015, 137, 173-182.	5.1	63
5	Uncertainty analysis of an integrated energy system based on information theory. Energy, 2017, 122, 649-662.	4.5	60
6	Deep learning aided interval state prediction for improving cyber security in energy internet. Energy, 2019, 174, 1292-1304.	4.5	54
7	Probabilistic power flow analysis considering the dependence between power and heat. Applied Energy, 2017, 191, 582-592.	5.1	41
8	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
9	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
10	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
11	Typical scenario set generation algorithm for an integrated energy system based on the Wasserstein distance metric. Energy, 2017, 135, 153-170.	4.5	29
12	Improved LSF method for loss estimation and its application in DG allocation. IET Generation, Transmission and Distribution, 2016, 10, 2512-2519.	1.4	22
13	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
14	Unscented Kalman Filter based interval state estimation of cyber physical energy system for detection of dynamic attack. Energy, 2019, 188, 116036.	4.5	21
15	Key technologies and applications of rural energy internet in China. Information Processing in Agriculture, 2022, , .	2.9	19
16	Estimating the failure probability in an integrated energy system considering correlations among failure patterns. Energy, 2019, 178, 656-666.	4.5	18
17	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
18	Electric Power Output Optimization for CCHP Using PSO Theory. Energy Procedia, 2016, 103, 9-14.	1.8	12

#	ARTICLE	IF	CITATIONS
19	Estimation of building energy consumption using weather information derived from photovoltaic power plants. Renewable Energy, 2019, 130, 130-138.	4.3	12
20	Grid connection technique based on <i>μ</i> theory for a two‐stage PV structure. IET Power Electronics, 2019, 12, 1545-1553.	1.5	12
21	Recommended Air Conditioner Temperature Based on Probabilistic Power Flow Considering High-Dimensional Stochastic Variables. IEEE Access, 2019, 7, 133951-133961.	2.6	10
22	Local False Data Injection Attack Theory Considering Isolation Physical-Protection in Power Systems. IEEE Access, 2020, 8, 103285-103290.	2.6	10
23	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
24	Thermal Load Prediction Considering Solar Radiation and Weather. Energy Procedia, 2016, 103, 3-8.	1.8	9
25	On the Performance of PDMA With Decode-and-Forward Relaying in Downlink Network. IEEE Access, 2018, 6, 20113-20124.	2.6	9
26	Viewpoints on the Theory of Agricultural Energy Internet. Frontiers in Energy Research, 0, 10, .	1.2	8
27	Interval state estimation based defense mechanism against cyber attack on power systems. , 2017, , .		7
28	Optimal Planning Method for a Multi-Energy Complementary System with New Energies Considering Energy Supply Reliability. , 2020, , .		7
29	Viewpoints on the Experiences and Challenges of Fishery Energy Internet. Frontiers in Energy Research, 2022, 10, .	1.2	7
30	An Approach to Kinetic Energy Recovery System for Electric Vehicle Considering SC and Bi-directional Converters. , 2018, , .		6
31	Pattern Division Multiple Access Featuring Amplify-and-Forward Relaying in an Uplink Network. IEEE Access, 2020, 8, 85656-85663.	2.6	6
32	Statistical Machine Learning Model for Uncertainty Planning of Distributed Renewable Energy Sources in Distribution Networks. Frontiers in Energy Research, 2021, 9, .	1.2	6
33	Prospects for Energy Internet of Agricultural Engineering in China. , 2019, , .		5
34	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
35	Dynamic voltage restorer based on active hybrid energy storage system. , 2014, , .		3
36	Performance analysis of cooperative PDMA with AF relaying over Rayleigh fading channels. IET Communications, 2020, 14, 2166-2175.	1.5	3

#	Article	IF	Citations
37	Optimal Power Allocation for Cooperative Pattern Division Multiple Access Systems. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	3
38	Artificial Intelligence Early Warnings of Agricultural Energy Internet. Frontiers in Energy Research, 2022, 10, .	1.2	3
39	Statistical Machine Learning Model for Uncertainty Analysis of Photovoltaic Power. Frontiers in Energy Research, 0, 10, .	1.2	3
40	Transient stability of a distribution network with DFACTS devices and FSWT. , 2013, , .		2
41	The Design of Receiver with Low Complexity for PDMA System. Journal of Physics: Conference Series, 2020, 1626, 012142.	0.3	2
42	Synthetic evaluation of power quality based on entropy of relative intensity and local variable weight. , 2010, , .		1
43	Study on effectiveness evaluation of the siting of DG based on a TOPSIS method-based approach. , 2013, , .		1
44	Optimal Allocation of Distributed Energy Resources in Energy Microgrids. , 2019, , .		1
45	Fast probability power flow calculation of distribution networks considering dynamic correlation and high-dimensional uncertainty. , 2021, , 17-48.		1
46	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
47	Viewpoints on Net-Zero Emissions of Agricultural Energy Internet. Frontiers in Energy Research, 2022, 10, .	1.2	1
48	Catastrophe theory as a tool for DG placement decision making. , 2014, , .		0
49	Scenario Based Local AC Sparse False Data Injection Attack on Smart Grid. , 2018, , .		0
50	Multi-Energy System Planning for Low-Carbon Park Considering Supply and Demand Interaction. , 2020, , .		0