Xiaoqing Han

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1977152/publications.pdf

Version: 2024-02-01

		1478505	940533
47	351	6	16
papers	citations	h-index	g-index

47	47	47	418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactive Power Aspects in Reliability Assessment of Power Systems. IEEE Transactions on Power Systems, 2011, 26, 85-92.	6.5	73
2	Improved Modulation Schemes for Indirect Z-source Matrix Converter With Sinusoidal Input and Output Waveforms. IEEE Transactions on Power Electronics, 2012, 27, 4039-4050.	7.9	60
3	Constrained Optimization of Multicast Routing for Wide Area Control of Smart Grid. IEEE Transactions on Smart Grid, 2019, 10, 3801-3808.	9.0	31
4	A Fast Contingency Screening Technique for Generation System Reliability Evaluation. IEEE Transactions on Power Systems, 2013, 28, 4127-4133.	6.5	29
5	Temporally Coordinated Energy Management for AC/DC Hybrid Microgrid Considering Dynamic Conversion Efficiency of Bidirectional AC/DC Converter. IEEE Access, 2020, 8, 70878-70889.	4.2	21
6	Adequacy study of wind farms considering reliability and wake effect of WTGs. , 2011, , .		13
7	Reliability assessment of power systems considering reactive power sources. , 2009, , .		12
8	Distribution network voltage control by active power/reactive power injection from PV inverters. , 2018, , .		12
9	Home Energy Management System Incorporating Heat Pump Using Real Measured Data. Sensors, 2019, 19, 2937.	3.8	9
10	Small Signal Stability Analysis on Power System Considering Load Characteristics. , 2009, , .		6
11	Advanced dynamic voltage restorer to improve power quality in microgrid. , 2013, , .		6
12	Modelling of large-scale wind/solar hybrid system and influence analysis on power system transient voltage stability. , 2017, , .		6
13	Coordinated control of series compensation link and bus interface converter in the ACâ€“DC hybrid microgrid. Journal of Power Electronics, 2020, 20, 590-600.	1.5	6
14	Power system reliability based on voltage weakest bus identification. , 2011, , .		5
15	The influence factors analysis of the best orientation relative to the sun for dual-axis sun tracking system. JVC/Journal of Vibration and Control, 2015, 21, 328-334.	2.6	5
16	The Bidirectional AC/DC Power Converter with Capability of Suppressing the Harmonic Current in Hybrid Micro Grid. , 2018, , .		5
17	Enhanced robustness with damping interval widening strategy of LCL-type converter under weak grid condition. Journal of Power Electronics, 2020, 20, 410-427.	1.5	5
18	Shortâ€term reliability evaluation of integrated electricity and gas systems considering dynamics of gas flow. IET Generation, Transmission and Distribution, 2021, 15, 2857-2871.	2.5	5

#	Article	IF	Citations
19	Fault Diagnosis of Main Pump in Converter Station Based on Deep Neural Network. Symmetry, 2021, 13, 1284.	2.2	5
20	Reliability assessment of power system containing wind farm based on steady-state power flow. , 2010, , .		4
21	Hybrid control strategy of grid-tied inverter for harmonic and reactive power compensation. , 2018, , .		4
22	A Generalized and Mode-Adaptive Approach to the Power Flow Analysis of the Isolated Hybrid AC/DC Microgrids. Energies, 2019, 12, 2253.	3.1	4
23	The suppression of DCâ€link voltage fluctuations through a source active current feedforward in the active power filter. IET Power Electronics, 2021, 14, 481-491.	2.1	4
24	Two-level energy management system for coordination control of microgrid. , 2015, , .		3
25	Coordinated control strategy for a DC microgrid with two-level bus voltage. , 2017, , .		3
26	Evaluation Model of Operation State Based on Deep Learning for Smart Meter. Energies, 2021, 14, 4674.	3.1	3
27	Direct current control strategy of LCLâ€type converter for harmonic suppression under distorted grid condition. IET Power Electronics, 2020, 13, 3922-3930.	2.1	3
28	Adaptive virtual impedance control based on second-order generalized integral for circulating current suppression. Journal of Power Electronics, 2021, 21, 13-26.	1.5	2
29	Design criterion and guidelines for threeâ€phase asymmetric coupled inductors in interleaving DC/DC converter for VRM in data centres and POL. IET Power Electronics, 2020, 13, 2854-2865.	2.1	2
30	An improved control strategy for three-phase four-wire active power filter based on vector-resonant control. , 2016, , .		1
31	Hierarchical control strategy of hybrid energy storage system in bipolar-type DC micro-grid. , 2017, , .		1
32	Analysis of Magnetizing inrush characteristics of electrified railway and its influence on grid voltage. , 2018, , .		1
33	Influence of traction transformer with different connection forms on power quality of the grid. , 2018, , .		1
34	Home energy management system incorporating heat pump. , 2018, , .		1
35	Optimum control and simulation for a grid-connected photovoltaic system. , 2010, , .		0
36	Frequency aspects of power system operational reliability. , 2014, , .		0

#	Article	IF	Citations
37	Reliability and efficiency-based energy storage sizing from the aspect of system frequency. , 2016, , .		0
38	Design of secondary voltage regulation system of DC microgrid based on vanadium redox battery storages. , 2016, , .		0
39	Battery Energy Storage Selection Based on a Novel Intermittent Wind Speed Model for Improving Power System Dynamic Reliability. , 2018, , .		0
40	A novel power control method for a grid-off hybrid microgrid with better dynamic performance. , 2018, , .		0
41	Virtual Synchronous Machine Control Strategy for Interface Converter in Hybrid Micro-grid. , 2019, , .		0
42	Capacitor Voltage Optimation Balance Control for Modular Multilevel Converter Based on Carrier Phase-shift Modulation. , 2019, , .		0
43	Research on Optimal Dispatching of DC Microgrid Considering the Demands of Electric Vehicle Users. , 2021, , .		0
44	Hierarchical Dispatch Optimization for Intelligent Community Considering Electricity Evaluation. , 2020, , .		0
45	Two-Stage Optimal Dispatch for AC/DC Hybrid Microgrid Based on Model Predictive Control. , 2021, , .		0
46	Electricity Price Prediction Based on Empirical Mode Decomposition and Minimum Gated Memory Network Quantile Regression. , 2021, , .		0
47	Cost Optimization of Park Integrated Energy System Considering Combined Demand Response and Multiple Different Operating Scenarios. , 2021, , .		0