

Zhou Liu

List of Publications by Year in descending order

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36
papers

426
citations

1163117

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36
all docs

36
docs citations

36
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multiagent System-Based Protection and Control Scheme for Distribution System With Distributed-Generation Integration. IEEE Transactions on Power Delivery, 2017, 32, 536-545.	4.3	98
2	A Fast Protection of Multi-Terminal HVDC System Based on Transient Signal Detection. IEEE Transactions on Power Delivery, 2021, 36, 43-51.	4.3	45
3	Multiagent System-Based Wide-Area Protection and Control Scheme Against Cascading Events. IEEE Transactions on Power Delivery, 2015, 30, 1651-1662.	4.3	38
4	Mechanical DC circuit breaker model for real time simulations. International Journal of Electrical Power and Energy Systems, 2019, 107, 110-119.	5.5	32
5	Energy Flow Optimization of Integrated Gas and Power Systems in Continuous Time and Space. IEEE Transactions on Smart Grid, 2021, 12, 2611-2624.	9.0	20
6	Fault Modeling and Analysis of Grid-Connected Inverters With Decoupled Sequence Control. IEEE Transactions on Industrial Electronics, 2022, 69, 5782-5792.	7.9	16
7	Multi agent system based wide area protection against cascading events. , 2012, , .		15
8	Protection collaborative fault control for power electronic-based power plants during unbalanced grid faults. International Journal of Electrical Power and Energy Systems, 2021, 130, 107009.	5.5	15
9	A communication-less overcurrent protection for distribution system with distributed generation integrated. , 2012, , .		13
10	Transient stability assessment of power system with large amount of wind power penetration: The Danish case study. , 2012, , .		11
11	Modeling a voltage source converter assisted resonant current DC breaker for real time studies. International Journal of Electrical Power and Energy Systems, 2020, 117, 105678.	5.5	11
12	Protection Testing for Multiterminal High-Voltage dc Grid: Procedures and Procedures and Assessment. IEEE Industrial Electronics Magazine, 2020, 14, 46-64.	2.6	10
13	An adaptive control strategy of converter based DG to maintain protection coordination in distribution system. , 2014, , .		9
14	Control and protection cooperation strategy for voltage instability. , 2012, , .		8
15	A Contribution to the Development of High-Voltage dc Circuit Breaker Technologies: A Review of New Considerations. IEEE Industrial Electronics Magazine, 2022, 16, 42-59.	2.6	8
16	Flexibility enhancement measures under the COVID-19 pandemic â€œ A preliminary comparative analysis in Denmark, the Netherlands, and Sichuan of China. Energy, 2022, 239, 122166.	8.8	7
17	Multi-View clustering and discrete consensus based tri-level coordinated control of wind farm and adiabatic compressed air energy storage for providing frequency regulation service. Applied Energy, 2021, 304, 117910.	10.1	7
18	Adaptive voltage stability protection based on load identification using Phasor Measurement Units. , 2011, , .		6

#	ARTICLE	IF	CITATIONS
19	Emergency load shedding strategy based on sensitivity analysis of relay operation margin against cascading events. , 2012, , .		6
20	Cable Connection Optimization for Onshore Wind Farms Considering Restricted Area and Topography. IEEE Systems Journal, 2020, 14, 3082-3092.	4.6	6
21	A novel deep reinforcement learning enabled agent for pumped storage hydro-wind-solar systems voltage control. IET Renewable Power Generation, 2021, 15, 3941-3956.	3.1	6
22	Protection System of Multi-Terminal MMC-based HVDC Grids: A Survey. , 2022, , .		6
23	A Novel Model Recognition -based Current Differential Protection in Time-Domain. , 2019, , .		5
24	A Deep Q-Network based optimized modulation scheme for Dual-Active-Bridge converter to reduce the RMS current. Energy Reports, 2020, 6, 1192-1198.	5.1	5
25	A Hybrid Cable Connection Structure for Wind Farms With Reliability Consideration. IEEE Access, 2019, 7, 144398-144407.	4.2	4
26	Multi agent system based process control in wide area protection against cascading events. , 2013, , .		3
27	Coordinated protection and control strategy with wind power integration for distribution network. Journal of Engineering, 2018, 2018, 1204-1208.	1.1	3
28	Wide area protection scheme preventing cascading events caused by load flow transferring. , 2013, , .		2
29	A strategy of minimising wind power curtailment by considering operation capacity credit. , 2015, , .		2
30	On Systematic DC Fault-Ride-Through of Multi-terminal MMC-HVDC Grids. , 2021, , .		2
31	Enhancement in reliability-constrained unit commitment considering state-transition-process and uncertain resources. IET Generation, Transmission and Distribution, 2021, 15, 3488-3501.	2.5	2
32	Short circuit analysis of distribution system with integration of DG. , 2014, , .		1
33	Detection of vulnerable relays and sensitive controllers under cascading events based on performance indices. , 2014, , .		1
34	Influence of Converter-based Power Sources on the Distance Relay under System Asymmetrical Faults. , 2020, , .		1
35	Intelligent coordinated damping control in active distribution network based on PSO. Energy Reports, 2022, 8, 1302-1312.	5.1	1
36	Bayesian inference for short-time risk evaluation considering time-varying contingencies. Energy Reports, 2022, 8, 1350-1356.	5.1	1