

Zhou Liu

List of Publications by Year in descending order

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36
papers

426
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36
docs citations

36
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Modeling and Analysis of Grid-Connected Inverters With Decoupled Sequence Control. IEEE Transactions on Industrial Electronics, 2022, 69, 5782-5792.	7.9	16
2	Flexibility enhancement measures under the COVID-19 pandemic – A preliminary comparative analysis in Denmark, the Netherlands, and Sichuan of China. Energy, 2022, 239, 122166.	8.8	7
3	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
4	Intelligent coordinated damping control in active distribution network based on PSO. Energy Reports, 2022, 8, 1302-1312.	5.1	1
5	Bayesian inference for short-time risk evaluation considering time-varying contingencies. Energy Reports, 2022, 8, 1350-1356.	5.1	1
6	Protection System of Multi-Terminal MMC-based HVDC Grids: A Survey. , 2022, , .		6
7	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
8	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
9	On Systematic DC Fault-Ride-Through of Multi-terminal MMC-HVDC Grids. , 2021, , .		2
10	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
11	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
12	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
13	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
14	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
15	Protection Testing for Multiterminal High-Voltage dc Grid: Procedures and Procedures and Assessment. IEEE Industrial Electronics Magazine, 2020, 14, 46-64.	2.6	10
16	Influence of Converter-based Power Sources on the Distance Relay under System Asymmetrical Faults. , 2020, , .		1
17	Cable Connection Optimization for Onshore Wind Farms Considering Restricted Area and Topography. IEEE Systems Journal, 2020, 14, 3082-3092.	4.6	6
18	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

#	ARTICLE	IF	CITATIONS
19	A Hybrid Cable Connection Structure for Wind Farms With Reliability Consideration. IEEE Access, 2019, 7, 144398-144407.	4.2	4
20	A Novel Model Recognition -based Current Differential Protection in Time-Domain. , 2019, , .		5
21	Mechanical DC circuit breaker model for real time simulations. International Journal of Electrical Power and Energy Systems, 2019, 107, 110-119.	5.5	32
22	Coordinated protection and control strategy with wind power integration for distribution network. Journal of Engineering, 2018, 2018, 1204-1208.	1.1	3
23	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
24	A strategy of minimising wind power curtailment by considering operation capacity credit. , 2015, , .		2
25	Multiagent System-Based Wide-Area Protection and Control Scheme Against Cascading Events. IEEE Transactions on Power Delivery, 2015, 30, 1651-1662.	4.3	38
26	Short circuit analysis of distribution system with integration of DG. , 2014, , .		1
27	An adaptive control strategy of converter based DG to maintain protection coordination in distribution system. , 2014, , .		9
28	Detection of vulnerable relays and sensitive controllers under cascading events based on performance indices. , 2014, , .		1
29	Multi agent system based process control in wide area protection against cascading events. , 2013, , .		3
30	Wide area protection scheme preventing cascading events caused by load flow transferring. , 2013, , .		2
31	Multi agent system based wide area protection against cascading events. , 2012, , .		15
32	Emergency load shedding strategy based on sensitivity analysis of relay operation margin against cascading events. , 2012, , .		6
33	Control and protection cooperation strategy for voltage instability. , 2012, , .		8
34	Transient stability assessment of power system with large amount of wind power penetration: The Danish case study. , 2012, , .		11
35	A communication-less overcurrent protection for distribution system with distributed generation integrated. , 2012, , .		13
36	Adaptive voltage stability protection based on load identification using Phasor Measurement Units. , 2011, , .		6