

Jiawei He

List of Publications by Year in descending order

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times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Single-Ended Transient-Voltage-Based Protection Strategy for Flexible DC Grid. IEEE Transactions on Power Delivery, 2019, 34, 1925-1937.	4.3	94
2	A Novel Solid-State Circuit Breaker With Self-Adapt Fault Current Limiting Capability for LVDC Distribution Network. IEEE Transactions on Power Electronics, 2019, 34, 3516-3529.	7.9	88
3	Studies on the Application of R-SFCL in the VSC-Based DC Distribution System. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	72
4	DC fault analysis for modular multilevel converter-based system. Journal of Modern Power Systems and Clean Energy, 2017, 5, 275-282.	5.4	70
5	A Novel DCCB Reclosing Strategy for the Flexible HVDC Grid. IEEE Transactions on Power Delivery, 2020, 35, 244-257.	4.3	45
6	Analysis and Experiment of a Micro-Loss Multi-Port Hybrid DCCB for MVDC Distribution System. IEEE Transactions on Power Electronics, 2019, 34, 7933-7941.	7.9	42
7	A review of the protection for the multi-terminal VSC-HVDC grid. Protection and Control of Modern Power Systems, 2019, 4, .	7.5	38
8	A Novel Current-Commutation-Based FCL for the Flexible DC Grid. IEEE Transactions on Power Electronics, 2020, 35, 591-606.	7.9	36
9	An Improved Transient Traveling-Wave Based Direction Criterion for Multi-Terminal HVDC Grid. IEEE Transactions on Power Delivery, 2020, 35, 2517-2529.	4.3	35
10	Design and Application of the SFCL in the Modular Multilevel Converter Based DC System. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	34
11	Analysis of the fault current limiting requirement and design of the bridge-type FCL in the multi-terminal DC grid. IET Power Electronics, 2018, 11, 968-976.	2.1	34
12	A novel restart control strategy for the MMC-based HVDC transmission system. International Journal of Electrical Power and Energy Systems, 2018, 99, 465-473.	5.5	23
13	Technical Requirements of the DC Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2018, , 1-1.	1.7	21
14	High-speed directional pilot protection for MVDC distribution systems. International Journal of Electrical Power and Energy Systems, 2020, 121, 106141.	5.5	13
15	Disrupted Regional Spontaneous Neural Activity in Mild Cognitive Impairment Patients with Depressive Symptoms: A Resting-State fMRI Study. Neural Plasticity, 2019, 2019, 1-6.	2.2	11
16	Research on DC Protection Strategy in Multi-Terminal Hybrid HVDC System. Engineering, 2021, 7, 1064-1075.	6.7	11
17	An Improved Hybrid DC Circuit Breaker With Self-Adaptive Fault Current Limiting Capability. IEEE Transactions on Power Electronics, 2022, 37, 4730-4741.	7.9	11
18	Metabolic Changes Associated with a Rat Model of Diabetic Depression Detected by Ex Vivo ¹ H Nuclear Magnetic Resonance Spectroscopy in the Prefrontal Cortex, Hippocampus, and Hypothalamus. Neural Plasticity, 2018, 2018, 1-12.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Simplified calculation method of threshold value for the non-unit transient-voltage based protection in multi-terminal VSC-HVDC grid. International Journal of Electrical Power and Energy Systems, 2022, 134, 107435.	5.5	9
20	Inertia emulation and dynamic voltage support scheme for MMC-based dc systems. IET Renewable Power Generation, 2019, 13, 146-154.	3.1	8
21	The Improved Topology and Control Strategy for the HCLC in the Multiterminal Flexible DC Grid. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1795-1807.	5.4	8
22	Adaptive reclosing strategy for the mechanical DC circuit breaker in VSC-HVDC grid. Electric Power Systems Research, 2021, 192, 107008.	3.6	7
23	Impacts of the Saturated Transformer on the HTS Flux Pump. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	6
24	Diagnostic Accuracy of Chest Computed Tomography Scans for Suspected Patients With COVID-19: Receiver Operating Characteristic Curve Analysis. JMIR Public Health and Surveillance, 2020, 6, e19424.	2.6	4
25	Intersystem fault between MMC-HVDC and AC systems and its impact on DC/AC protection. IET Generation, Transmission and Distribution, 2022, 16, 938-948.	2.5	3
26	Correction: Diagnostic Accuracy of Chest Computed Tomography Scans for Suspected Patients With COVID-19: Receiver Operating Characteristic Curve Analysis. JMIR Public Health and Surveillance, 2020, 6, e25829.	2.6	2
27	The improved fault location method for flexible direct current grid based on clustering and iterating algorithm. IET Renewable Power Generation, 2021, 15, 3577.	3.1	1
28	An improved protection scheme of the ground electrode line based on two frequency components injection. International Journal of Electrical Power and Energy Systems, 2021, 129, 106901.	5.5	1
29	A Novel I-SFCL Concept for Application in Flexible DC Grid Considering the Operation Stability. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	1
30	An improved Fault Current Limiter for self-clearing MMC-based dc distribution network. , 2021, , .		0
31	Working Principle and Basic Control Strategy of the VSC-HVDC Grid. Power Systems, 2020, , 13-39.	0.5	0
32	Design and parameter configuration of modular multilevel dynamic DC transformer for renewable energy sources. IET Power Electronics, 2020, 13, 4453-4461.	2.1	0
33	DC Fault Current Limiting Technique Based on the H-bridge Topology. Power Systems, 2020, , 155-182.	0.5	0
34	Traveling-Wave Based Direction Protection for the Multi-terminal HVDC Grid. Power Systems, 2020, , 127-153.	0.5	0
35	DC Fault Current Limiting Technique Based on the Current Commutation. Power Systems, 2020, , 183-213.	0.5	0
36	High-Speed Differential Protection for the VSC-HVDC Grid. Power Systems, 2020, , 103-125.	0.5	0

#	ARTICLE	IF	CITATIONS
37	The DCCB Reclosing Strategy in VSC-HVDC Grid. Power Systems, 2020, , 245-274.	0.5	0
38	Restart Control Strategy for the MMC-Based HVDC System. Power Systems, 2020, , 215-243.	0.5	0
39	DC Fault Characteristics of the VSC-HVDC System. Power Systems, 2020, , 41-63.	0.5	0