Jiawei He

List of Publications by Year in descending order

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39	754	623734	526287
papers	citations	14 h-index	27 g-index

45	45	45	687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Intersystem fault between MMCâ€HVDC and AC systems and its impact on DC/AC protection. IET Generation, Transmission and Distribution, 2022, 16, 938-948.	2.5	3
3	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
4	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
5	Adaptive reclosing strategy for the mechanical DC circuit breaker in VSC-HVDC grid. Electric Power Systems Research, 2021, 192, 107008.	3.6	7
6	An improved Fault Current Limiter for self-clearing MMC-based dc distribution network. , 2021, , .		0
7	Research on DC Protection Strategy in Multi-Terminal Hybrid HVDC System. Engineering, 2021, 7, 1064-1075.	6.7	11
8	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
9	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
10	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
11	Impacts of the Saturated Transformer on the HTS Flux Pump. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	6
12	A Novel Current-Commutation-Based FCL for the Flexible DC Grid. IEEE Transactions on Power Electronics, 2020, 35, 591-606.	7.9	36
13	A Novel DCCB Reclosing Strategy for the Flexible HVDC Grid. IEEE Transactions on Power Delivery, 2020, 35, 244-257.	4.3	45
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	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
16	Working Principle and Basic Control Strategy of the VSC-HVDC Grid. Power Systems, 2020, , 13-39.	0.5	0
17	Design and parameter configuration of modular multilevel dynamic DC transformer for renewable energy sources. IET Power Electronics, 2020, 13, 4453-4461.	2.1	0
18	DC Fault Current Limiting Technique Based on the H-bridge Topology. Power Systems, 2020, , 155-182.	0.5	0

#	Article	IF	Citations
19	Traveling-Wave Based Direction Protection for the Multi-terminal HVDC Grid. Power Systems, 2020, , 127-153.	0.5	0
20	DC Fault Current Limiting Technique Based on the Current Commutation. Power Systems, 2020, , 183-213.	0.5	0
21	High-Speed Differential Protection for the VSC-HVDC Grid. Power Systems, 2020, , 103-125.	0.5	0
22	The DCCB Reclosing Strategy in VSC-HVDC Grid. Power Systems, 2020, , 245-274.	0.5	0
23	Restart Control Strategy for the MMC-Based HVDC System. Power Systems, 2020, , 215-243.	0.5	0
24	DC Fault Characteristics of the VSC-HVDC System. Power Systems, 2020, , 41-63.	0.5	0
25	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
26	Correctionï¼šDiagnostic 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	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
28	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
29	Inertia emulation and dynamic voltage support scheme for MMCâ€based dc systems. IET Renewable Power Generation, 2019, 13, 146-154.	3.1	8
30	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
31	A review of the protection for the multi-terminal VSC-HVDC grid. Protection and Control of Modern Power Systems, 2019, 4, .	7.5	38
32	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
33	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
34	Technical Requirements of the DC Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2018, , 1-1.	1.7	21
35	Metabolic Changes Associated with a Rat Model of Diabetic Depression Detected by Ex Vivo ¹H Nuclear Magnetic Resonance Spectroscopy in the Prefrontal Cortex, Hippocampus, and Hypothalamus. Neural Plasticity, 2018, 2018, 1-12.	2.2	10
36	Analysis of the fault current limiting requirement and design of the bridgeâ€type FCL in the multiâ€terminal DC grid. IET Power Electronics, 2018, 11, 968-976.	2.1	34

#	Article	IF	Citations
37	DC fault analysis for modular multilevel converter-based system. Journal of Modern Power Systems and Clean Energy, 2017, 5, 275-282.	5.4	70
38	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
39	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