Shuo Zhang

List of Publications by Year
in descending order

29 papers	435 citations	759233 12 h-index	794594 19 g-index
29 all docs	29 docs citations	29 times ranked	423 citing authors

#	Article	IF	Citations
1	A Pilot Protection Scheme of DC Lines for Multi-Terminal HVDC Grid. IEEE Transactions on Power Delivery, 2019, 34, 1957-1966.	4.3	56
2	Synthesis of spiroaminals by bimetallic Au/Sc relay catalysis: TMS as a traceless controlling group. Chemical Communications, 2014, 50, 12084-12087.	4.1	47
3	Recent Advances of the Combination of Au/Acid Catalysis. Chinese Journal of Chemistry, 2014, 32, 937-956.	4.9	46
4	Fault property identification method and application for MTDC grids with hybrid DC circuit breaker. International Journal of Electrical Power and Energy Systems, 2019, 110, 136-143.	5.5	41
5	A non-unit boundary protection of DC line for MMC-MTDC grids. International Journal of Electrical Power and Energy Systems, 2020, 116, 105538.	5.5	35
6	Diode-Bridge Multiport Hybrid DC Circuit Breaker for Multiterminal DC Grids. IEEE Transactions on Industrial Electronics, 2021, 68, 270-281.	7.9	32
7	Single-ended line protection for MMC-MTDC grids. IET Generation, Transmission and Distribution, 2019, 13, 4331-4338.	2.5	27
8	An efficient synthesis of gem-diiodoolefins and (E)-iodoalkenes from propargylic amides with a Cu(i)/Cu(iii) cycle. Organic Chemistry Frontiers, 2015, 2, 578-585.	4.5	22
9	A Traveling-Wave-Based Fault Location Scheme for MMC-Based Multi-Terminal DC Grids. Energies, 2018, 11, 401.	3.1	22
10	Efficient drug discovery by rational lead hybridization based on crystallographic overlay. Drug Discovery Today, 2019, 24, 805-813.	6.4	22
11	Multiport Hybrid DC Circuit Breaker With Reduced Fault Isolation Time and Soft Reclosing Capability. IEEE Transactions on Industrial Electronics, 2022, 69, 3776-3786.	7.9	20
12	A Reclosing Scheme of Hybrid DC Circuit Breaker for MMC-HVdc Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 7126-7137.	5.4	18
13	Design, synthesis, and evaluation of novel heteroaryldihydropyrimidine derivatives as non-nucleoside hepatitis B virus inhibitors by exploring the solvent-exposed region. Chemical Biology and Drug Design, 2020, 95, 567-583.	3.2	11
14	Combined Hybrid DC Circuit Breaker Capable of Controlling Current Flow. IEEE Transactions on Industrial Electronics, 2021, 68, 11157-11167.	7.9	10
15	Bridge-Type Multiport Fault Current Limiter for Applications in MTdc Grids. IEEE Transactions on Industrial Electronics, 2022, 69, 6960-6972.	7.9	8
16	A Novel Busbar Protection Based on the Average Product of Fault Components. Energies, 2018, 11, 1139.	3.1	3
17	Multiport Current-Limiting Hybrid DC Circuit Breaker for MTdc Grids. IEEE Transactions on Industrial Electronics, 2023, 70, 4727-4738.	7.9	3
18	A Non-Unit Line Protection Scheme for MMC-MTDC Grids Based on Aerial-Mode Voltage Traveling Waves. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Fast single‑end line protection method for the meshed multi‑terminal HVDC grid. Journal of Engineering, 2019, 2019, 1602-1606.	1.1	2
20	Multi-Port Hybrid DC Circuit Breaker for DC Distribution Network. , 2019, , .		2
21	Line Fault Identification Based on Active Pulse Injection for MMC-MTDC Grids. , 2020, , .		2
22	A Fast DC Line Protection for MMC-MTDC Grids Based on PSVTWs. , 2019, , .		1
23	A Pilot DC Line Protection Scheme for Multi-Terminal HVDC Grid. , 2019, , .		1
24	Adaptive Reclosing Scheme for flexible Multi-Terminal DC Distribution Grid. , 2021, , .		1
25	A coupling voltage based adaptive reclosing scheme for flexible DC grid. IET Generation, Transmission and Distribution, 2023, 17, 1007-1020.	2.5	1
26	Hybrid DC Circuit Breaker with Power Flow Control Function. , 2021, , .		0
27	A DC Line Protection Scheme Based on Current Traveling Wave for MMC-MTDC Grids. , 2021, , .		0
28	Multiport Hybrid DC Circuit Breaker with Reduced Fault Isolation Time. , 2020, , .		0
29	Frequency-Domain Reactance Based Protection for Multi-terminal DC Distribution Grid. , 2020, , .		0