

Lu Qu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

279
citations

1307594

7
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and Experiments for IGBT, IEGT, and IGCT in Hybrid DC Circuit Breaker. IEEE Transactions on Industrial Electronics, 2018, 65, 2883-2892.	7.9	140
2	Planning and analysis of the demonstration project of the MVDC distribution network in Zhuhai. Frontiers in Energy, 2019, 13, 120-130.	2.3	37
3	Development and prospect of direct-current circuit breaker in China. High Voltage, 2021, 6, 1-15.	4.7	30
4	Topology Modeling and Design of a Novel Magnetic Coupling Fault Current Limiter for VSC DC Grids. IEEE Transactions on Power Electronics, 2021, 36, 4029-4041.	7.9	18
5	Development and Application of a 10 kV Mechanical DC Circuit Breaker. Energies, 2019, 12, 3615.	3.1	9
6	Research on the Optimal Operation Method of DC Microgrid Base on the New DC Power Distribution Management System. Electronics (Switzerland), 2020, 9, 9.	3.1	9
7	Medium-voltage DC power distribution technology. , 2019, , 123-152.		8
8	Design and test of a magnetic saturation-type fault current limiter. Journal of Engineering, 2019, 2019, 2974-2979.	1.1	7
9	Steady-State Power Flow Analysis of Cold-Thermal-Electric Integrated Energy System Based on Unified Power Flow Model. Energies, 2019, 12, 4455.	3.1	6
10	Modeling, Simulation, and Analysis of the HV Snubber. IEEE Transactions on Plasma Science, 2015, 43, 603-609.	1.3	3
11	Parallel breaking characteristics of diode-bridge power electronic switch for DC circuit breaker. International Journal of Electrical Power and Energy Systems, 2022, 138, 107929.	5.5	3
12	Precise multi-dimensional temperature-rise characterisation of switchgear based on multi-conditional experiments and LPTN model for high-capacity application. High Voltage, 2021, 6, 138-148.	4.7	2
13	Main Loop Design of Zhuhai Three-terminal DC Distribution System. , 2019, , .		1
14	Research on Access Mode of the Flexible DC Power Distribution System into AC System. Energies, 2019, 12, 4002.	3.1	1
15	DC Side Over-Voltage Characteristics Analysis of AC/DC Hybrid Distribution Power System. IEEE Access, 2020, 8, 133248-133257.	4.2	1
16	Optimal Scheduling Strategy of AC/DC Hybrid Distribution Network Based on Power Electronic Transformer. Energies, 2021, 14, 3219.	3.1	1
17	Calculation and Analysis of the Interval Power Flow for Distributed Energy System Based on Affine Algorithm. Energies, 2021, 14, 600.	3.1	1
18	Research on Parameter Collaborative Configuration of DC Circuit Breaker and DC Fault Current Limiter. Journal of Power and Energy Engineering, 2019, 07, 80-93.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Accurate Current Drive Modeling on EAST. IEEE Transactions on Plasma Science, 2022, 50, 2245-2250.	1.3	1
20	Research on the Operation Strategy of Distributed Micro-grid Based on Power Electronic Transformer. , 2018, , .		0
21	Influence of load fluctuation in AC/DC interconnected distribution system on electric power quality. , 2019, , .		0
22	Research on Start-stop Control of Flexible DC Distribution System. , 2019, , .		0