

Bin Cao

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1684188
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13
all docs

13
docs citations

13
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Wetting characteristics of the hydrophobic material surface through condensation. High Voltage, 2023, 8, 31-37.	4.7	2
2	Streamer Propagation along the Insulator with the Different Curved Profiles of the Shed. Polymers, 2022, 14, 897.	4.5	4
3	DC Breakdown Characteristic of Air Gap With Water Droplets. IEEE Transactions on Plasma Science, 2021, 49, 1962-1968.	1.3	4
4	Flashover characteristics of a hydrophobic surface covered by water. Journal Physics D: Applied Physics, 2021, 54, 075501.	2.8	8
5	Characterisation parameter of atmospheric pollutant concentration for external insulation. IET Generation, Transmission and Distribution, 2020, 14, 4547-4552.	2.5	4
6	Temporal and spatial characteristics of soluble salt components accreted on the insulator surface. IET Science, Measurement and Technology, 2020, 14, 891-896.	1.6	4
7	Research of Short Air Gap Flashover Characteristic with Water Droplets. , 2020, , .		0
8	Measurement of Saturated Water Absorption of the Contamination Layer Deposited on Insulator Surface. IEEE Sensors Journal, 2019, 19, 10804-10811.	4.7	11
9	A Low-Cost Evaluation and Correction Method for the Soluble Salt Components of the Insulator Contamination Layer. IEEE Sensors Journal, 2019, 19, 5266-5273.	4.7	22
10	Wetting characteristics of artificial contamination on the hydrophobic surface. Engineering Failure Analysis, 2019, 100, 428-438.	4.0	13
11	Effects of natural contamination components on the surface conductivity under saturated moisture. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 2945-2951.	2.9	16
12	Formation and influence analysis of electrolytic corrosion products on insulator surface. High Voltage, 0, , .	4.7	1
13	Effect of contamination and relative humidity on the function of thyristor voltage monitoring board. High Voltage, 0, , .	4.7	0