

# Bin Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4984506/publications.pdf>

Version: 2024-02-01

13  
papers

89  
citations

1684188  
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1372567  
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docs citations

13  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Wetting characteristics of artificial contamination on the hydrophobic surface. Engineering Failure Analysis, 2019, 100, 428-438.	4.0	13
4	Measurement of Saturated Water Absorption of the Contamination Layer Deposited on Insulator Surface. IEEE Sensors Journal, 2019, 19, 10804-10811.	4.7	11
5	Flashover characteristics of a hydrophobic surface covered by water. Journal Physics D: Applied Physics, 2021, 54, 075501.	2.8	8
6	DC Breakdown Characteristic of Air Gap With Water Droplets. IEEE Transactions on Plasma Science, 2021, 49, 1962-1968.	1.3	4
7	Characterisation parameter of atmospheric pollutant concentration for external insulation. IET Generation, Transmission and Distribution, 2020, 14, 4547-4552.	2.5	4
8	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
9	Streamer Propagation along the Insulator with the Different Curved Profiles of the Shed. Polymers, 2022, 14, 897.	4.5	4
10	Wetting characteristics of the hydrophobic material surface through condensation. High Voltage, 2023, 8, 31-37.	4.7	2
11	Formation and influence analysis of electrolytic corrosion products on insulator surface. High Voltage, 0, , .	4.7	1
12	Research of Short Air Gap Flashover Characteristic with Water Droplets. , 2020, , .		0
13	Effect of contamination and relative humidity on the function of thyristor voltage monitoring board. High Voltage, 0, , .	4.7	0