

# Xinhan Qiao

## List of Publications by Year in descending order

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193  
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#	ARTICLE	IF	CITATIONS
1	AC Breakdown Characteristics of Polluted 10-kV Post Insulator With Concentric Externally Gapped Line Arrester. IEEE Transactions on Power Delivery, 2022, 37, 59-66.	4.3	6
2	The failure arc paths of the novel device combining an arrester and an insulator under different pollution levels. International Journal of Electrical Power and Energy Systems, 2021, 125, 106549.	5.5	15
3	AC Flashover Performance and Insulation Coordination of Novel Lightning Protection Composite Insulator. , 2021, , .		0
4	Electric Field Distribution and AC Breakdown Characteristics of Polluted Novel Lightning Protection Insulator under Icing Conditions. Energies, 2021, 14, 7493.	3.1	7
5	DC pollution flashover performance of HVDC composite insulator under different non-uniform pollution conditions. Electric Power Systems Research, 2020, 185, 106351.	3.6	25
6	Contamination Characteristics of Typical Transmission Line Insulators by Wind Tunnel Simulation. Electric Power Systems Research, 2020, 184, 106288.	3.6	11
7	AC failure voltage of iced and contaminated composite insulators in different natural environments. International Journal of Electrical Power and Energy Systems, 2020, 120, 105993.	5.5	31
8	Influence of DC Electric Fields on Pollution of HVDC Composite Insulator Short Samples with Different Environmental Parameters. Energies, 2019, 12, 2304.	3.1	12
9	DC Flashover Dynamic Model of Post Insulator under Non-Uniform Pollution between Windward and Leeward Sides. Energies, 2019, 12, 2345.	3.1	16
10	Application of grey theory in pollution prediction on insulator surface in power systems. Engineering Failure Analysis, 2019, 106, 104153.	4.0	25
11	Comparison of Surface Pollution Flashover Characteristics of RTV (Room Temperature Vulcanizing) Coated Insulators Under Different Coating Damage Modes. IEEE Access, 2019, 7, 40904-40912.	4.2	20
12	A New Evaluation Method of Aging Properties for Silicon Rubber Material Based on Microscopic Images. IEEE Access, 2019, 7, 15162-15169.	4.2	17
13	Contamination Characteristics of Suspension Composite Insulators in Wind Tunnel under Energized Condition. , 2018, , .		1
14	AC flashover performance of different shed configurations of composite insulators under fan-shaped non-uniform pollution. High Voltage, 2018, 3, 199-206.	4.7	40
15	Non-Uniform Distribution of Contamination on Composite Insulators in HVDC Transmission Lines. Applied Sciences (Switzerland), 2018, 8, 1962.	2.5	26