

Xinhan Qiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1218457/publications.pdf>

Version: 2024-02-01

15
papers

252
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

193
citing authors

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