

# Yiwen Shi

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

77  
citations

1684188  
5  
h-index

1588992  
8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

32  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring Electric Field Distortion in High-Voltage Power Modules Utilizing Epoxy Resin/Silicon Carbide Whisker Composites with Field-Dependent Conductivity. <i>ACS Applied Electronic Materials</i> , 2022, 4, 478-493.	4.3	7
2	Enhancement of Insulation Properties of Cross-Linked Polyethylene Utilizing Aromatic Voltage Stabilizers with Electron-Withdrawing and Electron-Donating Groups. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1422-1430.	4.4	14
3	Temperature-Dependent Charge Dynamics of Double Layer Interface in 500 kV HVDC XLPE Cable Factory Joint with Different Interfacial Roughness. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2022, , 1-1.	2.9	5
4	Influence of organic additives with electron-withdrawing and electron-donating groups on insulation properties of cross-linked polyethylene at high temperatures for HVDC cable applications. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	2
5	Spraying Core-Shell ZnO To Achieve High Insulation Performance for HVDC Cable Factory Joints. <i>ACS Applied Energy Materials</i> , 2022, 5, 7681-7691.	5.1	5
6	Synergistic effects of Micro-hBN and core-shell Nano-TiO <sub>2</sub> @SiO <sub>2</sub> on thermal and electrical properties of epoxy at high frequencies and temperatures. <i>Composites Science and Technology</i> , 2022, 227, 109576.	7.8	17
7	Electrical and thermal performances of epoxy-based micro-nano hybrid composites at different electric fields and temperatures. <i>Nanotechnology</i> , 2021, 32, 315715.	2.6	10
8	Interfacial microstructure and insulation properties of 500 kV EHVDC XLPE cable factory joint under different roughness and degassing durations. <i>Polymer Degradation and Stability</i> , 2021, 192, 109688.	5.8	16
9	Research on Deterioration Mechanism of Oil-paper Insulation of 220 kV Current Transformer. , 2021, , .		1
10	Research on AC and High Frequency Breakdown Characteristics of Oil-paper Insulation of 220 kV Current Transformers. , 2021, , .		0
11	Research on an Optimization Method of Comprehensive Regulation of Energy Supply and Demand in Integrated Energy System. <i>Journal of Physics: Conference Series</i> , 2020, 1574, 012146.	0.4	0