

# Jun-Guo Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

138  
citations

1478505

6  
h-index

1372567

10  
g-index

28  
all docs

28  
docs citations

28  
times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pattern Recognition of Growth Characteristics Based on UHF PD Signals of Electrical Tree. IEEE Access, 2022, 10, 49853-49861.	4.2	4
2	Effect of Hydrophilic/Hydrophobic Nanostructured TiO <sub>2</sub> on Space Charge and Breakdown Properties of Polypropylene. Polymers, 2022, 14, 2762.	4.5	5
3	Properties and Simulating Research of Epoxy Resin/Micron-SiC/Nano-SiO <sub>2</sub> Composite. Energies, 2022, 15, 4821.	3.1	0
4	Dielectric and AC Breakdown Properties of SiO <sub>2</sub> /MMT/LDPE Micro-Nano Composites. Energies, 2021, 14, 1235.	3.1	7
5	Composite Micro-Nanoarchitectonics of MMT-SiO <sub>2</sub> : Space Charge Characteristics under Tensile State. Polymers, 2021, 13, 4354.	4.5	9
6	Conductance Current and Space Charge Characteristics of SiO <sub>2</sub> /MMT/LDPE Micro-Nano Composites. Materials, 2020, 13, 4119.	2.9	4
7	Ameliorated Mechanical and Dielectric Properties of Heat-Resistant Radome Cyanate Composites. Molecules, 2020, 25, 3117.	3.8	12
8	Loss Simulation Analysis and Optimization of U-Groove Leaky Coaxial Cable. Journal of Electrical and Computer Engineering, 2020, 2020, 1-11.	0.9	0
9	Crystallization morphology and space charge property of silica/low density polyethylene composites. AIP Advances, 2020, 10, .	1.3	4
10	Multi-Scale Analysis and Pattern Recognition of Ultrasonic Signals of PD in a Liquid/Solid Composite of an Oil-Filled Terminal. Energies, 2020, 13, 366.	3.1	6
11	Dielectric Properties of SiO <sub>2</sub> /MMT/LDPE Micro-nano Composites. , 2020, , .		2
12	Space Charge Characteristics and Electrical Properties of Micro-Nano ZnO/LDPE Composites. Crystals, 2019, 9, 481.	2.2	6
13	Study on the Nonlinear Conductivity of SiC/ZnO/Epoxy Resin Micro- and Nanocomposite Materials. Materials, 2019, 12, 761.	2.9	17
14	Design of Partial Discharge Test Environment for Oil-Filled Submarine Cable Terminals and Ultrasonic Monitoring. Energies, 2019, 12, 4774.	3.1	2
15	Influence of interfacial interaction on the mechanical properties of amorphous PE/MMT nanocomposites. AIP Advances, 2019, 9, 125201.	1.3	6
16	Enhanced breakdown strength and electrical tree resistance properties of MMT/SiO <sub>2</sub> /LDPE multielement composites. Journal of Applied Polymer Science, 2019, 136, 47364.	2.6	9
17	Optimization of the Electric Field Distribution at the End of the Stator in a Large Generator. Energies, 2018, 11, 2510.	3.1	5
18	Study on crystalline morphology and breakdown property of micro-, nano-, micro-/nano- composites. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Investigation on electrical tree propagation in polyethylene based on etching method. AIP Advances, 2017, 7, .	1.3	4
20	Electrical tree propagating characteristics of polyethylene/nano-montmorillonite composites. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 1530-1536.	2.9	20
21	Research on interface modification and electrical tree of PE/MMT composites. , 2013, , .		1
22	Study on space charge behaviour in polyethylene doped with nano-montmorillonite. , 2013, , .		4
23	Classification of partial discharge under different voltages using acoustic emission techniques. , 2013, , .		4
24	Classification of different types of partial discharge based on acoustic emission techniques. , 2013, , .		1
25	Effect of organo-Montmorillonite dispersion on properties of epoxy resin nanocomposites. , 2009, , .		0
26	Effect of DC voltage on dielectric properties of low-voltage cable with XLPE insulation. , 2005, , .		1
27	Microscopic characteristic and signal analysis of aging defects in epoxy/mica insulation bar under different stresses. , 2005, , .		0
28	Effects of microstructure on the breakdown characteristics of polyethylene-montmorillonite nanocomposites. Journal of Applied Polymer Science, 0, , .	2.6	3