

Jun-Guo Gao

List of Publications by Year in descending order

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docs citations

28
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical tree propagating characteristics of polyethylene/nano-montmorillonite composites. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 1530-1536.	2.9	20
2	Study on the Nonlinear Conductivity of SiC/ZnO/Epoxy Resin Micro- and Nanocomposite Materials. Materials, 2019, 12, 761.	2.9	17
3	Ameliorated Mechanical and Dielectric Properties of Heat-Resistant Radome Cyanate Composites. Molecules, 2020, 25, 3117.	3.8	12
4	Enhanced breakdown strength and electrical tree resistance properties of MMT/SiO ₂ /LDPE multielement composites. Journal of Applied Polymer Science, 2019, 136, 47364.	2.6	9
5	Composite Micro-Nanoarchitectonics of MMT-SiO ₂ : Space Charge Characteristics under Tensile State. Polymers, 2021, 13, 4354.	4.5	9
6	Dielectric and AC Breakdown Properties of SiO ₂ /MMT/LDPE Micro-Nano Composites. Energies, 2021, 14, 1235.	3.1	7
7	Space Charge Characteristics and Electrical Properties of Micro-Nano ZnO/LDPE Composites. Crystals, 2019, 9, 481.	2.2	6
8	Influence of interfacial interaction on the mechanical properties of amorphous PE/MMT nanocomposites. AIP Advances, 2019, 9, 125201.	1.3	6
9	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
10	Optimization of the Electric Field Distribution at the End of the Stator in a Large Generator. Energies, 2018, 11, 2510.	3.1	5
11	Effect of Hydrophilic/Hydrophobic Nanostructured TiO ₂ on Space Charge and Breakdown Properties of Polypropylene. Polymers, 2022, 14, 2762.	4.5	5
12	Study on space charge behaviour in polyethylene doped with nano-montmorillonite. , 2013, , .		4
13	Classification of partial discharge under different voltages using acoustic emission techniques. , 2013, , .		4
14	Investigation on electrical tree propagation in polyethylene based on etching method. AIP Advances, 2017, 7, .	1.3	4
15	Conductance Current and Space Charge Characteristics of SiO ₂ /MMT/LDPE Micro-Nano Composites. Materials, 2020, 13, 4119.	2.9	4
16	Crystallization morphology and space charge property of silica/low density polyethylene composites. AIP Advances, 2020, 10, .	1.3	4
17	Pattern Recognition of Growth Characteristics Based on UHF PD Signals of Electrical Tree. IEEE Access, 2022, 10, 49853-49861.	4.2	4
18	Effects of microstructure on the breakdown characteristics of polyethylene-montmorillonite nanocomposites. Journal of Applied Polymer Science, 0, , .	2.6	3

#	ARTICLE	IF	CITATIONS
19	Study on crystalline morphology and breakdown property of micro-, nano-, micro-/nano- composites. , 2017, , .		2
20	Design of Partial Discharge Test Environment for Oil-Filled Submarine Cable Terminals and Ultrasonic Monitoring. Energies, 2019, 12, 4774.	3.1	2
21	Dielectric Properties of SiO ₂ /MMT/LDPE Micro-nano Composites. , 2020, , .		2
22	Effect of DC voltage on dielectric properties of low-voltage cable with XLPE insulation. , 2005, , .		1
23	Research on interface modification and electrical tree of PE/MMT composites. , 2013, , .		1
24	Classification of different types of partial discharge based on acoustic emission techniques. , 2013, , .		1
25	Microscopic characteristic and signal analysis of aging defects in epoxy/mica insulation bar under different stresses. , 2005, , .		0
26	Effect of organo-Montmorillonite dispersion on properties of epoxy resin nanocomposites. , 2009, , .		0
27	Loss Simulation Analysis and Optimization of U-Groove Leaky Coaxial Cable. Journal of Electrical and Computer Engineering, 2020, 2020, 1-11.	0.9	0
28	Properties and Simulating Research of Epoxy Resin/Micron-SiC/Nano-SiO ₂ Composite. Energies, 2022, 15, 4821.	3.1	0