

Qi Li

List of Publications by Year in descending order

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135
papers

11,451
citations

38738

50
h-index

28296

105
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138
all docs

138
docs citations

138
times ranked

7671
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible high-temperature dielectric materials from polymer nanocomposites. <i>Nature</i> , 2015, 523, 576-579.	27.8	1,476
2	Solution-processed ferroelectric terpolymer nanocomposites with high breakdown strength and energy density utilizing boron nitride nanosheets. <i>Energy and Environmental Science</i> , 2015, 8, 922-931.	30.8	541
3	High-Temperature Dielectric Materials for Electrical Energy Storage. <i>Annual Review of Materials Research</i> , 2018, 48, 219-243.	9.3	540
4	High Energy and Power Density Capacitors from Solution-Processed Ternary Ferroelectric Polymer Nanocomposites. <i>Advanced Materials</i> , 2014, 26, 6244-6249.	21.0	448
5	Ferroelectric polymer networks with high energy density and improved discharged efficiency for dielectric energy storage. <i>Nature Communications</i> , 2013, 4, 2845.	12.8	382
6	High-Energy-Density Dielectric Polymer Nanocomposites with Trilayered Architecture. <i>Advanced Functional Materials</i> , 2017, 27, 1606292.	14.9	338
7	Sandwich-structured polymer nanocomposites with high energy density and great charge-discharge efficiency at elevated temperatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9995-10000.	7.1	317
8	Multicomponent Hierarchical Cu-Doped NiCo-LDH/CuO Double Arrays for Ultralong-Life Hybrid Fiber Supercapacitor. <i>Advanced Functional Materials</i> , 2019, 29, 1809004.	14.9	313
9	High-Performance Polymers Sandwiched with Chemical Vapor Deposited Hexagonal Boron Nitrides as Scalable High-Temperature Dielectric Materials. <i>Advanced Materials</i> , 2017, 29, 1701864.	21.0	270
10	Polymer/molecular semiconductor all-organic composites for high-temperature dielectric energy storage. <i>Nature Communications</i> , 2020, 11, 3919.	12.8	268
11	A Scalable, High-Throughput, and Environmentally Benign Approach to Polymer Dielectrics Exhibiting Significantly Improved Capacitive Performance at High Temperatures. <i>Advanced Materials</i> , 2018, 30, e1805672.	21.0	260
12	High Energy Density Polymer Dielectrics Interlayered by Assembled Boron Nitride Nanosheets. <i>Advanced Energy Materials</i> , 2019, 9, 1901826.	19.5	249
13	Defect-Rich Soft Carbon Porous Nanosheets for Fast and High-Capacity Sodium-Ion Storage. <i>Advanced Energy Materials</i> , 2019, 9, 1803260.	19.5	214
14	Ferroelectric Polymers and Their Energy-Related Applications. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1228-1244.	2.2	193
15	Ferroelectric Polymer Nanocomposites for Room-Temperature Electrocaloric Refrigeration. <i>Advanced Materials</i> , 2015, 27, 1450-1454.	21.0	192
16	Self-healing of electrical damage in polymers using superparamagnetic nanoparticles. <i>Nature Nanotechnology</i> , 2019, 14, 151-155.	31.5	169
17	High-Energy Storage Performance of $(\text{Pb}_{0.87}\text{Ba}_{0.1}\text{La}_{0.02})(\text{Zr}_{0.68}\text{Sn}_{0.24}\text{Ti}_{0.08})\text{O}_{3-\delta}$ Antiferroelectric Ceramics Fabricated by the Hot-Press Sintering Method. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1175-1181.	9.8	168
18	Colossal Room-Temperature Electrocaloric Effect in Ferroelectric Polymer Nanocomposites Using Nanostructured Barium Strontium Titanates. <i>ACS Nano</i> , 2015, 9, 7164-7174.	14.6	164

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19	Interface-modulated nanocomposites based on polypropylene for high-temperature energy storage. <i>Energy Storage Materials</i> , 2020, 28, 255-263.	18.0	159
20	Poly(methyl methacrylate)/boron nitride nanocomposites with enhanced energy density as high temperature dielectrics. <i>Composites Science and Technology</i> , 2017, 142, 139-144.	7.8	153
21	A Hybrid Material Approach Toward Solution-Processable Dielectrics Exhibiting Enhanced Breakdown Strength and High Energy Density. <i>Advanced Functional Materials</i> , 2015, 25, 3505-3513.	14.9	152
22	Laser Direct Writing of Ultrahigh Sensitive SiC-Based Strain Sensor Arrays on Elastomer toward Electronic Skins. <i>Advanced Functional Materials</i> , 2019, 29, 1806786.	14.9	147
23	Relaxor Ferroelectric-Based Electrocaloric Polymer Nanocomposites with a Broad Operating Temperature Range and High Cooling Energy. <i>Advanced Materials</i> , 2015, 27, 2236-2241.	21.0	143
24	Field-dependent charging phenomenon of HVDC spacers based on dominant charge behaviors. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	141
25	Y doping and grain size co-effects on the electrical energy storage performance of (Pb _{0.87} Ba _{0.1} La _{0.02})(Zr _{0.65} Sn _{0.3} Ti _{0.05})O ₃ anti-ferroelectric ceramics. <i>Ceramics International</i> , 2014, 40, 5455-5460.	4.8	129
26	Understanding surface charge accumulation and surface flashover on spacers in compressed gas insulation. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2018, 25, 1152-1166.	2.9	122
27	Engineering of carbon nanotube/polydimethylsiloxane nanocomposites with enhanced sensitivity for wearable motion sensors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11092-11099.	5.5	112
28	Lauric acid/intercalated kaolinite as form-stable phase change material for thermal energy storage. <i>Energy</i> , 2014, 76, 385-389.	8.8	111
29	Toward Wearable Cooling Devices: Highly Flexible Electrocaloric Ba _{0.67} Sr _{0.33} TiO ₃ Nanowire Arrays. <i>Advanced Materials</i> , 2016, 28, 4811-4816.	21.0	101
30	Thickness dependence of the properties of epitaxial MgB ₂ thin films grown by hybrid physical-chemical vapor deposition. <i>Applied Physics Letters</i> , 2003, 82, 4319-4321.	3.3	98
31	Solvent-free Fluids Based on Rhombohedral Nanoparticles of Calcium Carbonate. <i>Journal of the American Chemical Society</i> , 2009, 131, 9148-9149.	13.7	93
32	Understanding of Relaxor Ferroelectric Behavior of Poly(vinylidene fluoride)-trifluoroethylene (P(VDF-TrFE)) Thin Films. <i>Journal of Applied Physics</i> , 2017, 121, 234101.	4.8	93
33	Polymer dielectrics sandwiched by medium-dielectric-constant nanoscale deposition layers for high-temperature capacitive energy storage. <i>Energy Storage Materials</i> , 2021, 42, 445-453.	18.0	91
34	Improved Energy Storage Properties Accompanied by Enhanced Interface Polarization in Annealed Microwave-Sintered BST. <i>Journal of the American Ceramic Society</i> , 2015, 98, 3212-3222.	3.8	90
35	Novel HVDC Spacers by Adaptively Controlling Surface Charges – Part I: Charge Transport and Control Strategy. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2018, 25, 1238-1247.	2.9	89
36	Property-Structure Relationship of Nanoscale Ionic Materials Based on Multiwalled Carbon Nanotubes. <i>ACS Nano</i> , 2010, 4, 5797-5806.	14.6	86

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37	Acid-Interface Engineering of Carbon Nanotube/Elastomers with Enhanced Sensitivity for Stretchable Strain Sensors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37760-37766.	8.0	83
38	Direct Detection of Local Electric Polarization in the Interfacial Region in Ferroelectric Polymer Nanocomposites. <i>Advanced Materials</i> , 2019, 31, e1807722.	21.0	81
39	Suppression of energy dissipation and enhancement of breakdown strength in ferroelectric polymer-graphene percolative composites. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7034.	5.5	78
40	Charge cluster triggers unpredictable insulation surface flashover in pressurized SF ₆ . <i>Journal Physics D: Applied Physics</i> , 2021, 54, 015308.	2.8	76
41	Polymer nanocomposites with high energy density and improved charge discharge efficiency utilizing hierarchically-structured nanofillers. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6576-6585.	10.3	74
42	3.0 V High Energy Density Symmetric Sodium-Ion Battery: Na ₄ V ₂ (PO ₄) ₃ ·nNa ₃ V ₂ (PO ₄) ₃ . <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10022-10028.	4.6	73
43	Self-Healable Polymer Nanocomposites Capable of Simultaneously Recovering Multiple Functionalities. <i>Advanced Functional Materials</i> , 2016, 26, 3524-3531.	14.9	69
44	Aqueous preparation of polyethylene glycol/sulfonated graphene phase change composite with enhanced thermal performance. <i>Energy Conversion and Management</i> , 2013, 75, 482-487.	9.2	65
45	Ternary PVDF-based terpolymer nanocomposites with enhanced energy density and high power density. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 109, 597-603.	7.6	64
46	Autonomous Self-Healing of Electrical Degradation in Dielectric Polymers Using In Situ Electroluminescence. <i>Matter</i> , 2020, 2, 451-463.	10.0	63
47	Fluxible Monodisperse Quantum Dots with Efficient Luminescence. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9943-9946.	13.8	60
48	Novel HVDC spacers by adaptively controlling surface charges - part ii: experiment. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2018, 25, 1248-1258.	2.9	55
49	General Oriented Synthesis of Precise Carbon-Confined Nanostructures by Low-Pressure Vapor Superassembly and Controlled Pyrolysis. <i>Nano Letters</i> , 2017, 17, 7773-7781.	9.1	53
50	Temperature dependent electrical properties of thermoplastic polypropylene nanocomposites for HVDC cable insulation. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2019, 26, 1596-1604.	2.9	52
51	Flexible Ionic Diodes for Low-Frequency Mechanical Energy Harvesting. <i>Advanced Energy Materials</i> , 2017, 7, 1601983.	19.5	51
52	Surface modification effect of MgO nanoparticles on the electrical properties of polypropylene nanocomposite. <i>High Voltage</i> , 2020, 5, 249-255.	4.7	51
53	Polypropylene-based ternary nanocomposites for recyclable high-voltage direct-current cable insulation. <i>Composites Science and Technology</i> , 2018, 165, 168-174.	7.8	48
54	High Energy Density and Breakdown Strength from \hat{I}^2 and \hat{I}^3 Phases in Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (fluor 6, 18981-18988.	8.0	47

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55	NiO hierarchical hollow nanofibers as high-performance supercapacitor electrodes. RSC Advances, 2015, 5, 96205-96212.	3.6	47
56	Facile template-free synthesis of uniform carbon-confined V_2O_3 hollow spheres for stable and fast lithium storage. Journal of Materials Chemistry A, 2018, 6, 6220-6224.	10.3	47
57	Wearable Textile-Based Co/Zn Alkaline Microbattery with High Energy Density and Excellent Reliability. Small, 2020, 16, e2000293.	10.0	47
58	Self-Healing of Electrical Damage in Polymers. Advanced Science, 2020, 7, 2002131.	11.2	46
59	Ultrahigh-energy-density dielectric materials from ferroelectric polymer/glucose all-organic composites with a cross-linking network of hydrogen bonds. Energy Storage Materials, 2022, 49, 339-347.	18.0	46
60	Design, synthesis and processing of PVDF-based dielectric polymers. IET Nanodielectrics, 2018, 1, 80-91.	4.1	43
61	Suppression of elevated temperature space charge accumulation in polypropylene/elastomer blends by deep traps induced by surface-modified ZnO nanoparticles. Composites Science and Technology, 2017, 153, 103-110.	7.8	42
62	Origins and effects of deep traps in functional group grafted polymeric dielectric materials. Journal Physics D: Applied Physics, 2020, 53, 475301.	2.8	42
63	Enhanced pyroelectric properties of porous $Ba_{0.67}Sr_{0.33}TiO_3$ ceramics fabricated with carbon nanotubes. Journal of Alloys and Compounds, 2015, 636, 93-96.	5.5	41
64	Controlling Chain Conformations of High- k Fluoropolymer Dielectrics to Enhance Charge Mobilities in Rubrene Single-Crystal Field-Effect Transistors. Advanced Materials, 2016, 28, 10095-10102.	21.0	38
65	Polymer nanocomposites for high-energy-density capacitor dielectrics: Fundamentals and recent progress. IEEE Electrical Insulation Magazine, 2020, 36, 7-28.	0.8	38
66	Novel HVDC spacers by adaptively controlling surface charges – part iii: industrialization prospects. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 1259-1266.	2.9	36
67	Self-healing of internal damage in mechanically robust polymers utilizing a reversibly convertible molecular network. Journal of Materials Chemistry A, 2021, 9, 15975-15984.	10.3	34
68	Towards multicaloric effect with ferroelectrics. Physical Review B, 2016, 94, .	3.2	33
69	Grading of electric field distribution of AC polymeric outdoor insulators using field grading material. IEEE Transactions on Dielectrics and Electrical Insulation, 2019, 26, 1253-1260.	2.9	33
70	Solid-state cooling by elastocaloric polymer with uniform chain-lengths. Nature Communications, 2022, 13, 9.	12.8	33
71	Mapping the Space Charge at Nanoscale in Dielectric Polymer Nanocomposites. ACS Applied Materials & Interfaces, 2020, 12, 53425-53434.	8.0	32
72	Improved High-Temperature Electrical Properties of Polymeric Material by Grafting Modification. ACS Sustainable Chemistry and Engineering, 2022, 10, 8685-8693.	6.7	32

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73	A binary solvent system for improved liquid phase exfoliation of pristine graphene materials. Carbon, 2015, 94, 405-411.	10.3	31
74	Micrometerâ€Sized Porous Fe₂N/C Bulk for Highâ€Arealâ€Capacity and Stable Lithium Storage. Small, 2019, 15, e1803572.	10.0	31
75	Self-healing of electrical damage in thermoset polymers <i>via</i> anionic polymerization. Journal of Materials Chemistry C, 2020, 8, 6025-6033.	5.5	31
76	Polyoxomolybdate-derived carbon-encapsulated multicomponent electrocatalysts for synergistically boosting hydrogen evolution. Journal of Materials Chemistry A, 2018, 6, 17874-17881.	10.3	30
77	Selfâ€Unfolded Graphene Sheets. Chemistry - A European Journal, 2012, 18, 7055-7059.	3.3	29
78	Biocompatible and Flexible Hydrogel Diodeâ€Based Mechanical Energy Harvesting. Advanced Materials Technologies, 2017, 2, 1700118.	5.8	29
79	Recent Advances in Nanowireâ€Based, Flexible, Freestanding Electrodes for Energy Storage. Chemistry - A European Journal, 2018, 24, 18307-18321.	3.3	29
80	Flexibile Nanoclusters of Fe₃O₄ Nanocrystal-Embedded Polyaniline by Macromolecule-Induced Self-Assembly. Langmuir, 2013, 29, 10223-10228.	3.5	28
81	Facile preparation and thermal performances of hexadecanol/crosslinked polystyrene core/shell nanocapsules as phase change material. Polymer Composites, 2014, 35, 2154-2158.	4.6	28
82	Tuning the potential distribution of AC cable terminals by stress cone of nonlinear conductivity material. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 2686-2693.	2.9	28
83	Multilayered ferroelectric polymer composites with high energy density at elevated temperature. Composites Science and Technology, 2021, 202, 108594.	7.8	28
84	A carbon black derivative with liquid behavior. Carbon, 2011, 49, 1047-1051.	10.3	27
85	Synergistic effect of ZnO microspherical varistors and carbon fibers on nonlinear conductivity and mechanical properties of the silicone rubber-based material. Composites Science and Technology, 2017, 150, 187-193.	7.8	27
86	Flexible microstructured pressure sensors: design, fabrication and applications. Nanotechnology, 2022, 33, 322002.	2.6	27
87	The effect of the addition of carbon nanotube fluids to a polymeric matrix to produce simultaneous reinforcement and plasticization. Carbon, 2012, 50, 2056-2060.	10.3	26
88	Synthesis of Sandwich-Like Nanostructure Fillers and Their Use in Different Types of Thermal Composites. ACS Applied Materials & Interfaces, 2019, 11, 40694-40703.	8.0	26
89	Laser Direct Writing of Flexible Sensor Arrays Based on Carbonized Carboxymethylcellulose and Its Composites for Simultaneous Mechanical and Thermal Stimuli Detection. ACS Applied Materials & Interfaces, 2021, 13, 10171-10180.	8.0	24
90	Smart dielectric materials for next-generation electrical insulation. , 2022, 1, 19-49.		20

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91	Effect of Mn ₃ O ₄ nanoparticle composition and distribution on graphene as a potential hybrid anode material for lithium-ion batteries. RSC Advances, 2016, 6, 33022-33030.	3.6	19
92	Comparisons of different polypropylene copolymers as potential recyclable HVDC cable insulation materials. IEEE Transactions on Dielectrics and Electrical Insulation, 2019, 26, 674-680.	2.9	19
93	Globally reinforced mechanical, electrical, and thermal properties of nonlinear conductivity composites by surface treatment of varistor microspheres. Composites Science and Technology, 2019, 175, 151-157.	7.8	19
94	Large energy density in Ba doped Pb _{0.97} La _{0.02} (Zr _{0.65} Sn _{0.3} Ti _{0.05})O ₃ antiferroelectric ceramics with improved temperature stability. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 744-748.	2.9	17
95	How nonlinear V-I characteristics of single ZnO microvaristor influences the performance of its silicone rubber composite. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 623-630.	2.9	17
96	Different microscopic features of AC and DC electrical trees in insulating polymer. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 2259-2265.	2.9	17
97	Optimal design of high temperature metalized thin-film polymer capacitors: A combined numerical and experimental method. Journal of Power Sources, 2017, 357, 149-157.	7.8	16
98	Nonlinear effective permittivity of field grading composite dielectrics. Journal Physics D: Applied Physics, 2018, 51, 075304.	2.8	16
99	Defect-targeted self-healing of multiscale damage in polymers. Nanoscale, 2020, 12, 3605-3613.	5.6	16
100	Simulation and design of 500 kV DC cable terminal accessory based on ZnO varistor microsphere composites. IEEE Transactions on Dielectrics and Electrical Insulation, 2020, 27, 10-16.	2.9	16
101	Metal-Support Interactions within a Dual-Site Pd/YMn ₂ O ₅ Catalyst during CH ₄ Combustion. ACS Catalysis, 2022, 12, 4430-4439.	11.2	16
102	Self-Suspended Polyaniline Doped with a Protonic Acid Containing a Polyethylene Glycol Segment. Chemistry - an Asian Journal, 2011, 6, 2920-2924.	3.3	15
103	Excellent Energy Storage Properties Achieved in Sodium Niobate-Based Relaxor Ceramics through Doping Tantalum. ACS Applied Materials & Interfaces, 2022, 14, 32218-32226.	8.0	15
104	Comparisons of different polypropylene copolymers as potential recyclable HVDC cable insulation materials. IEEE Transactions on Dielectrics and Electrical Insulation, 2019, 26, 674-680.	2.9	12
105	Space charge behavior in silicone rubber from in-service aged HVDC composite insulators. IEEE Transactions on Dielectrics and Electrical Insulation, 2019, 26, 843-850.	2.9	12
106	General and precise carbon confinement of functional nanostructures derived from assembled metal-phenolic networks for enhanced lithium storage. Journal of Materials Chemistry A, 2018, 6, 18605-18614.	10.3	11
107	Polymer Nanocomposites with High Energy Density Utilizing Oriented Nanosheets and High-Dielectric-Constant Nanoparticles. Materials, 2021, 14, 4780.	2.9	9
108	Dielectric Properties Improvement of Grafting-Modified Polypropylene by Silane for HVDC Cable Insulation. IEEE Transactions on Dielectrics and Electrical Insulation, 2021, 28, 2004-2010.	2.9	9

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109	A Dielectric Polymer/Metal Oxide Nanowire Composite for Self-Adaptive Charge Release. Nano Letters, 2022, 22, 5167-5174.	9.1	9
110	Solvent-free zirconia nanofluids/silica single-layer multifunctional hybrid coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 464, 26-32.	4.7	8
111	Electroluminescence and electrical degradation of insulating polymers at electrode interfaces under divergent fields. Journal of Applied Physics, 2018, 123, .	2.5	8
112	Synergistic Effects of a CeO ₂ /SmMn ₂ O ₅ â€”H Diesel Oxidation Catalyst Induced by Acid-Selective Dissolution Drive the Catalytic Oxidation Reaction. ACS Applied Materials & Interfaces, 2022, 14, 2860-2870.	8.0	8
113	Insight into the Experimental Error in the Mapping of Electrical Properties with Electrostatic Force Microscopy. Langmuir, 2022, 38, 8534-8544.	3.5	8
114	Self-assembled long-chain organic ion grafted carbon dot ionic nanohybrids with liquid-like behavior and dual luminescence. New Journal of Chemistry, 2013, 37, 3857.	2.8	7
115	Highly reflective and adhesive surface of aluminized polyvinyl chloride film by vacuum evaporation. Applied Surface Science, 2014, 311, 541-548.	6.1	7
116	Polymer Dielectrics: A Scalable, Highâ€”Throughput, and Environmentally Benign Approach to Polymer Dielectrics Exhibiting Significantly Improved Capacitive Performance at High Temperatures (Adv.) Tj ETQq0 0 0 rgB210verlockz 10 Tf 50 4	2.1	7
117	Luminescence reveals micro discharge as a potential triggering factor for surface flashover. Journal Physics D: Applied Physics, 2020, 53, 445103.	2.8	7
118	Flexible substrates enabled highly integrated patterns with submicron precision towardâ€”intrinsicly stretchable circuits. SmartMat, 2022, 3, 503-512.	10.7	6
119	Self-suspended polyaniline containing self-dissolved lyotropic liquid crystal with electrical conductivity. Journal of Polymer Science Part A, 2016, 54, 3578-3582.	2.3	4
120	Solvent-free Synthesis of Flowable Carbon Clusters with Customizable Size and Tunable Optical Performance. Chinese Journal of Chemistry, 2013, 31, 1513-1518.	4.9	3
121	Boron Nitride Nanosheets: High Energy Density Polymer Dielectrics Interlayered by Assembled Boron Nitride Nanosheets (Adv. Energy Mater. 36/2019). Advanced Energy Materials, 2019, 9, 1970140.	19.5	3
122	Space charge behavior in silicone rubber from in-service aged HVDC composite insulators. IEEE Transactions on Dielectrics and Electrical Insulation, 2019, 26, 843-850.	2.9	3
123	Nanoscale mapping of electric polarizability in a heterogeneous dielectric material with surface irregularities. Nanotechnology, 2021, 32, 505711.	2.6	3
124	High-temperature and high-energy-density polymer dielectrics for capacitive energy storage. , 2018, , .		2
125	The Dielectric Properties of PP Nanocomposites Doped with Mesoporous Silica Nanoparticles. , 2018, , .		2
126	The leakage current characterization on the electrical tree aging of polymer. , 2019, , .		2

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127	Water Dispersible Graphene Sheets Produced from Unassembled Graphene-Polyaniline Nanohybrids. Nano, 2015, 10, 1550003.	1.0	1
128	Ferroelectric Nanocomposites: Direct Detection of Local Electric Polarization in the Interfacial Region in Ferroelectric Polymer Nanocomposites (Adv. Mater. 21/2019). Advanced Materials, 2019, 31, 1970154.	21.0	1
129	Polymer Dielectrics for Film Capacitors Applied in HVDC Transmission. , 2021, , 607-626.		1
130	Gradient structure design of zinc oxide varistor microsphere composites for efficient electric field grading. Composites Part A: Applied Science and Manufacturing, 2021, , 106731.	7.6	1
131	Polymer Nanocomposites for Power Energy Storage. , 2016, , 139-163.		0
132	High-temperature and high-energy-density polymer dielectrics for capacitive energy storage. , 2018, , .		0
133	Effect of Film Processing on the Capacitive Performance of Poly (Vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (Fluor		0
134	Polymer Nanocomposites with High Energy Density and Breakdown Strength utilizing Oriented BNNS. , 2020, , .		0
135	Modeling of Microcapsule-based Self-healing Material to Achieve Better Recovering from Electrical Tree Defects. , 2020, , .		0