

Jun-Wei Zha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8761094/publications.pdf>

Version: 2024-02-01

263
papers

16,718
citations

13099

68
h-index

18130

120
g-index

269
all docs

269
docs citations

269
times ranked

9616
citing authors

#	ARTICLE	IF	CITATIONS
1	Recyclability and Self-Healing of Dynamic Cross-Linked Polyimide with Mechanical/Electrical Damage. <i>Energy and Environmental Materials</i> , 2023, 6, .	12.8	26
2	Advanced dielectric elastomer based on optimized thermoplastic polyurethane-styrene ethylene butylene styrene blend: Experiment and simulation. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51595.	2.6	9
3	Construction of micro-branched crosslink fluorinated polyimide with ultra-low dielectric permittivity and enhanced mechanical properties. <i>EXPRESS Polymer Letters</i> , 2022, 16, 142-151.	2.1	15
4	Enhancement of high-temperature dielectric energy storage performances of polyimide nanocomposites utilizing surface functionalized MAX nanosheets. <i>Composites Science and Technology</i> , 2022, 218, 109193.	7.8	35
5	Ultrahigh charge-discharge efficiency and high energy density of a high-temperature stable sandwich-structured polymer. <i>Journal of Materials Chemistry A</i> , 2022, 10, 1579-1587.	10.3	30
6	High dielectric properties and thermal conductivity of the PVDF-based composites with a low filler content reinforced by BaTiO ₃ @super-short MWCNT core-shell particles. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 4268.	2.2	3
7	High-temperature polyimide dielectric materials for energy storage: theory, design, preparation and properties. <i>Energy and Environmental Science</i> , 2022, 15, 56-81.	30.8	166
8	Fabrication and actuation characterisation of a new UV curing acrylic dielectric elastomer. <i>IET Nanodielectrics</i> , 2022, 5, 104-111.	4.1	7
9	Recent Progress and Future Prospects on All-Organic Polymer Dielectrics for Energy Storage Capacitors. <i>Chemical Reviews</i> , 2022, 122, 3820-3878.	47.7	240
10	High energy density of polyimide films employing an imidization reaction kinetics strategy at elevated temperature. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10950-10959.	10.3	26
11	Achieving high insulating strength and energy storage properties of all-organic dielectric composites by surface morphology modification. <i>Composites Science and Technology</i> , 2022, 226, 109545.	7.8	13
12	Surface engineering of 2D dielectric polymer films for scalable production of High-Energy-Density films. <i>Progress in Materials Science</i> , 2022, 128, 100968.	32.8	37
13	Significantly improved high-temperature charge-discharge efficiency of all-organic polyimide composites by suppressing space charges. <i>Nano Energy</i> , 2022, 99, 107410.	16.0	36
14	Achieving Hydrophobic Ultralow Dielectric Constant Polyimide Composites: Combined Efforts of Fluorination and Porous Fillers. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	3.6	5
15	High strength, stable and self-healing copolyimide for defects induced by mechanical and electrical damages. <i>Journal of Materials Chemistry C</i> , 2022, 10, 11307-11315.	5.5	16
16	Prediction of high-temperature polymer dielectrics using a Bayesian molecular design model. <i>Journal of Applied Physics</i> , 2022, 132, .	2.5	5
17	Novel antimicrobial packaging film based on porous poly(lactic acid) nanofiber and polymeric coating for humidity-controlled release of thyme essential oil. <i>LWT - Food Science and Technology</i> , 2021, 135, 110034.	5.2	81
18	All-organic dielectric polymer films exhibiting superior electric breakdown strength and discharged energy density by adjusting the electrode-dielectric interface with an organic nano-interlayer. <i>Energy and Environmental Science</i> , 2021, 14, 5513-5522.	30.8	67

#	ARTICLE	IF	CITATIONS
19	Synergy improvement of dielectric properties and thermal conductivity in PVDF composites with core-shell structured Ni@SiO ₂ . <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 4076-4089.	2.2	16
20	Integrated multifunctional properties of polypropylene composites by employing three-dimensional flower-like MgO with hierarchical surface morphology. <i>IET Nanodielectrics</i> , 2021, 4, 27-37.	4.1	5
21	Regulating dielectric performances of Poly(vinylidene fluoride) nanocomposites by individually controlling shell thickness of Core@Double-shells structured nanowires. <i>IET Nanodielectrics</i> , 2021, 4, 11-20.	4.1	5
22	Low- κ cross-linked polyimide for microelectronic packaging application. , 2021, , .		1
23	All-Organic Dielectrics with High Breakdown Strength and Energy Storage Density for High-Power Capacitors. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100116.	3.9	38
24	A facile route to prepare high-performance dielectric nanocomposites of poly(methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (m 209, 108792.	7.8	8
25	Structural, electrical, and thermal features of polyimide composites filled with semiconductive MXene sheets. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	10
26	Construction of a Three-Dimensional BaTiO ₃ Network for Enhanced Permittivity and Energy Storage of PVDF Composites. <i>Materials</i> , 2021, 14, 3585.	2.9	18
27	Soft, tough, and fast polyacrylate dielectric elastomer for non-magnetic motor. <i>Nature Communications</i> , 2021, 12, 4517.	12.8	82
28	Mussel-inspired polydopamine functionalized silicon carbide whisker for PVDF composites with enhanced dielectric performance. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 148, 106486.	7.6	32
29	Polymer-based dielectrics with high permittivity for electric energy storage: A review. <i>Nano Energy</i> , 2021, 89, 106438.	16.0	130
30	Preparation and Characterization of All-organic TPU/P(VDF-HFP) Flexible Composite Films with High Energy Storage. <i>Acta Chimica Sinica</i> , 2021, 79, 1273.	1.4	2
31	Low- ϵ Permittivity Copolymerized Polyimides with Fluorene Rigid Conjugated Structure. <i>Materials</i> , 2021, 14, 6266.	2.9	10
32	Relaxation dynamics of Ni/epoxy composites studied by dielectric relaxation spectroscopy. <i>Journal of Elastomers and Plastics</i> , 2020, 52, 304-321.	1.5	3
33	Enhanced dielectric properties of PVDF nanocomposites with modified sandwich-like GO@PVP hybrids. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 592-605.	1.3	4
34	Highly efficient antifogging and antibacterial food packaging film fabricated by novel quaternary ammonium chitosan composite. <i>Food Chemistry</i> , 2020, 308, 125682.	8.2	99
35	Effect of trap level density on breakdown strength and space charge distribution of polypropylene/low-density polyethylene composites. <i>Polymer Composites</i> , 2020, 41, 780-787.	4.6	18
36	High energy density and discharge efficiency polypropylene nanocomposites for potential high-power capacitor. <i>Energy Storage Materials</i> , 2020, 27, 443-452.	18.0	113

#	ARTICLE	IF	CITATIONS
37	Enhanced thermal conductivity and dielectric properties in electrostatic self-assembly 3D pBN@nCNTs fillers loaded in epoxy resin composites. <i>Journal of Materiomics</i> , 2020, 6, 751-759.	5.7	21
38	Dual functionalized Janus structural PVDF nanocomposite with surface-modified dielectric and magnetic nanoparticles. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	9
39	Fabrication of BaTiO ₃ @super short MWCNTs core-shell particles reinforced PVDF composite films with improved dielectric properties and high thermal conductivity. <i>Composites Science and Technology</i> , 2020, 200, 108405.	7.8	26
40	Effect of interparticle electrostatic interactions on the dielectric response of 3 connectivity particle/polymer composites for high energy density storage. <i>Journal of Applied Physics</i> , 2020, 127, 184106.	2.5	11
41	Thermal, electrical, and mechanical properties of addition-type liquid silicone rubber co-filled with Al ₂ O ₃ particles and BN sheets. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49399.	2.6	21
42	Yolk-shelled FeP/Ni ₂ P/C@C nanospheres with void: Controllable synthesis and excellent performance as the anode for lithium-ion batteries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125103.	4.7	7
43	Review of dielectric elastomers for actuators, generators and sensors. <i>IET Nanodielectrics</i> , 2020, 3, 99-106.	4.1	34
44	Improved dielectric properties of PVDF nanocomposites with core-shell structured BaTiO ₃ @polyurethane nanoparticles. <i>IET Nanodielectrics</i> , 2020, 3, 94-98.	4.1	38
45	Effect of filler's parameters on dielectric performance of the co-filled sphere-fiber/polymer composites by numerical evaluation. , 2020, , .		0
46	Core-shell structured Al/PVDF nanocomposites with high dielectric permittivity but low loss and enhanced thermal conductivity. <i>Polymer Engineering and Science</i> , 2019, 59, 103-111.	3.1	28
47	Space charge suppression in environment-friendly PP nanocomposites by employing freeze-dried MgO with foam nanostructure for high-voltage power cable insulation. <i>Applied Physics Letters</i> , 2019, 114, 252902.	3.3	10
48	Space charge behavior in LDPE/EBA insulation materials for HVDC cables. , 2019, , .		0
49	Effect of multi-dimensional zinc oxide on electrical properties of polypropylene nanocomposites for HVDC cables. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2019, 26, 868-875.	2.9	9
50	Improved space charge suppression in PP/SEBS nanocomposites by controlling MgO nanoparticles with abundant surface defects. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	14
51	Improved dielectric properties and thermal conductivity of PVDF composites filled with core-shell structured Cu@CuO particles. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18350-18361.	2.2	37
52	Mechanical, Thermal, and Electrical Properties of BN-Epoxy Composites Modified with Carboxyl-Terminated Butadiene Nitrile Liquid Rubber. <i>Polymers</i> , 2019, 11, 1548.	4.5	45
53	Significantly improved dielectric properties of polylactide nanocomposites via TiO ₂ decorated carbon nanotubes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 127, 105650.	7.6	59
54	Barium titanate@polyaniline core-shell semiconducting particles reinforced poly(vinylidene fluoride) /Overlock 10 Tf 50 67 <i>Materials Science: Materials in Electronics</i> , 2019, 30, 3325-3331.	2.2	8

#	ARTICLE	IF	CITATIONS
55	Polymer composites filled with core@double-shell structured fillers: Effects of multiple shells on dielectric and thermal properties. Composites Science and Technology, 2019, 181, 107686.	7.8	99
56	Enhancement of breakdown strength of multilayer polymer film through electric field redistribution and defect modification. Applied Physics Letters, 2019, 114, 103702.	3.3	46
57	Surface modification of GO by PDA for dielectric material with well-suppressed dielectric loss. High Performance Polymers, 2019, 31, 1183-1194.	1.8	18
58	Enhanced energy conversion efficiency in the surface modified BaTiO ₃ nanoparticles/polyurethane nanocomposites for potential dielectric elastomer generators. Nano Energy, 2019, 59, 363-371.	16.0	65
59	Tailored high cycling performance in a solid polymer electrolyte with perovskite-type Li _{0.33} La _{0.557} TiO ₃ nanofibers for all-solid-state lithium ion batteries. Dalton Transactions, 2019, 48, 3263-3269.	3.3	52
60	Effect of thickness of one-dimensional nanofibers by electrospinning on the dielectric properties of PVDF composites. , 2019, , .		1
61	Enhanced dielectric properties and energy storage of the sandwich-structured poly(vinylidene fluoride)/BaTiO ₃ /PVDF nanofibers. IET Nanodielectrics, 2019, 2, 103-108.	4.1	52
62	Photoinduced healing of polyolefin dielectrics enabled by surface plasmon resonance of gold nanoparticles. Journal of Applied Polymer Science, 2019, 136, 47158.	2.6	3
63	High improvement in trap level density and direct current breakdown strength of block polypropylene by doping with a $\dot{\gamma}$ -nucleating agent. Applied Physics Letters, 2018, 112, .	3.3	19
64	Towards balanced mechanical and electrical properties of thermoplastic vulcanizates composites via unique synergistic effects of single-walled carbon nanotubes and graphene. Composites Science and Technology, 2018, 157, 134-143.	7.8	25
65	Enhanced thermal conductivity and mechanical property through boron nitride hot string in polyvinylidene fluoride fibers by electrospinning. Composites Science and Technology, 2018, 156, 1-7.	7.8	109
66	Remarkable electrically actuation performance in advanced acrylic-based dielectric elastomers without pre-strain at very low driving electric field. Polymer, 2018, 137, 269-275.	3.8	43
67	Largely enhanced dielectric constant of PVDF nanocomposites through a core-shell strategy. Physical Chemistry Chemical Physics, 2018, 20, 2777-2786.	2.8	29
68	Improved dielectric, tensile and energy storage properties of surface rubberized BaTiO ₃ /polypropylene nanocomposites. Nano Energy, 2018, 48, 144-151.	16.0	190
69	Micro Structural and Electrical properties of Liquid Silicone Rubber Used for External Insulation. , 2018, , .		1
70	Improvements of dielectric properties and energy storage performances in BaTiO ₃ /PVDF nanocomposites by employing a thermal treatment process. Journal of Advanced Dielectrics, 2018, 08, 1850043.	2.4	16
71	Dispersion of Carbon Blacks and Their Influence on the Properties of Semiconductive Materials use for High-voltage Power Cables. , 2018, , .		3
72	The Thermal Conductivity and Electrical Properties of EP Composite With Different Size BN. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
73	Effect of modified ZnO on electrical properties of PP/SEBS nanocomposites for HVDC cables. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 2358-2365.	2.9	19
74	Prediction on effective permittivity of 0â€³ connectivity particle/polymer composites at low concentration with finite element method. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 2122-2128.	2.9	20
75	Preparation of New Acrylic-Based Dielectric Elastomers Based on Complexation of Ca ²⁺ Ions with Carboxyl Groups Displaying Excellent Performance. , 2018, , .		0
76	Effect of fiber alignment on dielectric response in the 1â€³ connectivity fiber/polymer composites by quantitative evaluation. Applied Physics Letters, 2018, 113, .	3.3	13
77	Constructing advanced dielectric elastomer based on copolymer of acrylate and polyurethane with large actuation strain at low electric field. Polymer, 2018, 149, 39-44.	3.8	30
78	Past and future on nanodielectrics. IET Nanodielectrics, 2018, 1, 41-47.	4.1	103
79	High Energy Storage Dielectric Polymer Materials With Hierarchical Microstructures. , 2018, , 165-197.		3
80	Processing of Polymeric Dielectrics for High Energy Density Capacitors. , 2018, , 429-446.		5
81	Environmentally friendly polypropylene/thermoplastic elastomer composites with modified graphene oxide for HVDC application. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 1088-1094.	2.9	18
82	Effects of trap density on space charge suppression of block polypropylene/Al ₂ O ₃ composite under high temperature. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 1293-1299.	2.9	9
83	Nonlinear electrical conductivity of ionic liquid modified WS ₂ /EPDM field grading material. Journal of Applied Physics, 2018, 123, 205113.	2.5	6
84	Towards suppressing dielectric loss of GO/PVDF nanocomposites with TA-Fe coordination complexes as an interface layer. Journal of Materials Science and Technology, 2018, 34, 2415-2423.	10.7	29
85	Electrospinning Functional Fillers/Polymer Composites With High Energy Storage. , 2018, , 289-321.		3
86	Multiphase/Multicomponent Dielectric Polymer Materials With High Permittivity and High Breakdown Strength. , 2018, , 247-287.		8
87	Dielectric Elastomer Generator with Improved Energy Density and Conversion Efficiency Based on Polyurethane Composites. ACS Applied Materials & Interfaces, 2017, 9, 5237-5243.	8.0	74
88	Functionalization of multi-walled carbon nanotubes by radiation-induced graft polymerization in aqueous solution. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 250-255.	2.1	4
89	High thermal conductivity and excellent electrical insulation performance in double-percolated three-phase polymer nanocomposites. Composites Science and Technology, 2017, 144, 36-42.	7.8	107
90	Flexible Dielectric Nanocomposites with Ultrawide Zero-Temperature Coefficient Windows for Electrical Energy Storage and Conversion under Extreme Conditions. ACS Applied Materials & Interfaces, 2017, 9, 7591-7600.	8.0	29

#	ARTICLE	IF	CITATIONS
91	Enhanced positive temperature coefficient behavior of the high-density polyethylene composites with multi-dimensional carbon fillers and their use for temperature-sensing resistors. RSC Advances, 2017, 7, 11338-11344.	3.6	41
92	Improved dielectric properties of polypropylene-based nanocomposites via co-filling with zinc oxide and barium titanate. Composites Science and Technology, 2017, 148, 20-26.	7.8	27
93	Remarkably improved electromechanical actuation of polyurethane enabled by blending with silicone rubber. RSC Advances, 2017, 7, 22900-22908.	3.6	22
94	Improving electromechanical strain of polyurethanes via optimizing electric field ramp rate and actuator size. Sensors and Actuators A: Physical, 2017, 262, 29-34.	4.1	1
95	Polyurethane induced high breakdown strength and high energy storage density in polyurethane/poly(vinylidene fluoride) composite films. Applied Physics Letters, 2017, 110, .	3.3	38
96	Plasticized thermoplastic polyurethanes for dielectric elastomers with improved electromechanical actuation. Journal of Applied Polymer Science, 2017, 134, 45123.	2.6	14
97	Co-continuous structural polystyrene/poly(vinylidene fluoride) nanocomposites with high dielectric constant and magnetic properties. Composites Communications, 2017, 4, 24-32.	6.3	15
98	Ductile polymer-based films with ultrahigh permittivity and low dielectric loss. Polymer, 2017, 130, 258-266.	3.8	10
99	Mechanical and dielectric properties of graphene incorporated polypropylene nanocomposites using polypropylene-graft-maleic anhydride as a compatibilizer. Composites Science and Technology, 2017, 153, 111-118.	7.8	73
100	Electrochemical performance of all-solid-state lithium batteries using inorganic lithium garnets particulate reinforced PEO/LiClO ₄ electrolyte. Electrochimica Acta, 2017, 253, 430-438.	5.2	133
101	Sandwich-structural PVDF nanocomposites with high thermal conductivity and excellent dielectric properties. , 2017, , .		0
102	Enhanced dielectric properties of polyvinylidene fluoride nanocomposites via calcium copper titanate nanofibers. , 2017, , .		0
103	Nonlinear electric conductivity and thermal conductivity of WS ₂ /EPDM field grading materials. Journal of Applied Physics, 2017, 122, .	2.5	11
104	Effect of multi-structured zinc oxide on the electrical properties of polypropylene insulating materials. Journal Physics D: Applied Physics, 2017, 50, 305301.	2.8	12
105	Electrical properties of polypropylene/styrene-ethylene-butylene-styrene block copolymer/MgO nanocomposites. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 1457-1464.	2.9	31
106	Sandwiched structure effect on space charge characteristics of alumina/polyethylene nanocomposites. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 1365-1371.	2.9	11
107	Effect of nano-fillers distribution on the nonlinear conductivity and space charge behavior in SiC/PDMS composites. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 1735-1742.	2.9	23
108	Effect of high-thermal conductivity epoxy resin on heat dissipation performance of saturated reactor. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 3898-3905.	2.9	18

#	ARTICLE	IF	CITATIONS
109	Enhanced dielectric properties and thermal conductivity of sandwich-structured PVDF composites by spin coating. , 2017, , .		0
110	Theoretical analysis and application of polymer matrix field grading materials in HVDC cable terminals. High Voltage, 2017, 2, 39-46.	4.7	20
111	Electrospun poly(ethylene oxide) nanofibrous composites with enhanced ionic conductivity as flexible solid polymer electrolytes. High Voltage, 2017, 2, 25-31.	4.7	11
112	Improved dielectric performance of polypropylene/multiwalled carbon nanotube nanocomposites by solid phase orientation. Journal of Applied Polymer Science, 2016, 133, .	2.6	11
113	1D/2D Carbon Nanomaterial Polymer Dielectric Composites with High Permittivity for Power Energy Storage Applications. Small, 2016, 12, 1688-1701.	10.0	405
114	Synergetic Enhancement of Permittivity and Breakdown Strength in All Polymeric Dielectrics toward Flexible Energy Storage Devices. Advanced Materials Interfaces, 2016, 3, 1600016.	3.7	35
115	Experimental study of the rheological, mechanical, and dielectric properties of MgO/LDPE nanocomposites. Journal of Applied Polymer Science, 2016, 133, .	2.6	4
116	Distinctive electrical properties in sandwich-structured Al ₂ O ₃ /low density polyethylene nanocomposites. Applied Physics Letters, 2016, 108, .	3.3	44
117	Enhanced breakdown strength of poly(vinylidene fluoride) utilizing rubber nanoparticles for energy storage application. Applied Physics Letters, 2016, 109, .	3.3	51
118	Morphology and crystalline-phase-dependent electrical insulating properties in tailored polypropylene for HVDC cables. Applied Physics Letters, 2016, 109, .	3.3	50
119	Flexible electrospun polyvinylidene fluoride nanofibrous composites with high electrical conductivity and good mechanical properties by employing ultrasonication induced dispersion of multi-walled carbon nanotubes. Composites Science and Technology, 2016, 128, 201-206.	7.8	24
120	Improvement of space charge suppression of polypropylene for potential application in HVDC cables. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 2337-2343.	2.9	89
121	Difunctional Graphene Fe ₃ O ₄ Hybrid Nanosheet/Polydimethylsiloxane Nanocomposites with High Positive Piezoresistive and Superparamagnetism Properties as Flexible Touch Sensors. Advanced Materials Interfaces, 2016, 3, 1500418.	3.7	23
122	Influence of hierarchy structure on electrical properties of gradient-distribution aluminum oxide/polyethylene nanocomposites. Composites Science and Technology, 2016, 135, 100-105.	7.8	23
123	High-performance strain sensors based on functionalized graphene nanoplates for damage monitoring. Composites Science and Technology, 2016, 123, 32-38.	7.8	84
124	Tailored wide-frequency dielectric behavior of polyimide composite films with Ba _x Sr _{1-x} TiO ₃ Perovskites ceramic particles. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 113-120.	2.9	14
125	A remarkable suppression on space charge in isotactic polypropylene by inducing the β -crystal formation. Applied Physics Letters, 2015, 107, .	3.3	55
126	Effect of the compatibility on dielectric performance and breakdown strength of poly(vinylidene) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 6	2.6	13

#	ARTICLE	IF	CITATIONS
127	Preparation and dielectric properties of (Ba _{0.5} Sr _{0.4} Ca _{0.1})TiO ₃ /polystyrene composites. Journal of Applied Polymer Science, 2015, 132, .	2.6	6
128	Insulating Properties of Low Density Polyethylene/Alumina Nanocomposites. American Journal of Engineering and Applied Sciences, 2015, 8, 405-409.	0.6	2
129	Preparation, microstructure and properties of polyethylene/alumina nanocomposites for HVDC insulation. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 3350-3356.	2.9	55
130	Preparation and dielectric properties of core-shell structured Ag@polydopamine/poly(vinylidene fluoride)/epoxy resin nanocomposites. Applied Nanoscience (Switzerland), 2015, 5, 969-974.	7.8	85
131	Remarkably variable dielectric and magnetic properties of poly(vinylidene fluoride) nanocomposite films with triple-layer structure. Composites Science and Technology, 2015, 107, 107-112.	7.8	17
132	Two percolation thresholds and remarkably high dielectric permittivity in pristine carbon nanotube/elastomer composites. Applied Nanoscience (Switzerland), 2015, 5, 969-974.	3.1	27
133	Coulomb block effect inducing distinctive dielectric properties in electroless plated barium titanate/silver/poly(vinylidene fluoride) nanocomposites. RSC Advances, 2015, 5, 65167-65174.	3.6	30
134	Tuning of thermal and dielectric properties for epoxy composites filled with electrospun alumina fibers and graphene nanoplatelets through hybridization. Journal of Materials Chemistry C, 2015, 3, 7195-7202.	5.5	78
135	Highly improved electro-actuation of dielectric elastomers by molecular grafting of azobenzenes to silicon rubber. Journal of Materials Chemistry C, 2015, 3, 4883-4889.	5.5	82
136	Dielectric and magnetic properties of Fe@Fe ₃ O ₄ /epoxy resin nanocomposites as high-performance electromagnetic insulating materials. Composites Science and Technology, 2015, 114, 57-63.	7.8	21
137	Temperature-dependent electro-mechanical actuation sensitivity in stiffness-tunable BaTiO ₃ /polydimethylsiloxane dielectric elastomer nanocomposites. Applied Physics Letters, 2015, 106, .	3.3	38
138	Thermally stable polyimide nanocomposite films from electrospun BaTiO ₃ fibers for high-density energy storage capacitors. RSC Advances, 2015, 5, 44749-44755.	3.6	44
139	Reduced sedimentation of barium titanate nanoparticles in poly(vinylidene fluoride) films during solution casting by surface modification. Journal of Applied Polymer Science, 2015, 132, .	2.6	5
140	Origin of large field-induced strain of azobenzene/polyurethane blend dielectric elastomers. RSC Advances, 2015, 5, 82215-82226.	3.6	12
141	Dielectric Polymer Materials for Electrical Energy Storage and Dielectric Physics: A Guide. Journal of Advanced Physics, 2015, 4, 302-313.	0.4	19
142	Dielectric Properties of Chemical Dehydrofluorinated Poly(vinylidene fluoride). Journal of Advanced Physics, 2015, 4, 380-383.	0.4	2
143	Piezoelectric Sensor Based on a Single Ultralong Tellurium Microwire. Journal of Advanced Physics, 2015, 4, 181-184.	0.4	0
144	Characterization of percolation behavior in conductor-dielectric 0-3 composites. Journal of Advanced Dielectrics, 2014, 04, 1450035.	2.4	11

#	ARTICLE	IF	CITATIONS
145	Effect of micro-Si ₃ N ₄ -nano-Al ₂ O ₃ co-filled particles on thermal conductivity, dielectric and mechanical properties of silicone rubber composites. IEEE Transactions on Dielectrics and Electrical Insulation, 2014, 21, 1989-1996.	2.9	73
146	Enhanced electro-mechanical actuation strain in polyaniline nanorods/silicone rubber nanodielectric elastomer films. Applied Physics Letters, 2014, 104, 242903.	3.3	11
147	Dielectric properties of poly(vinylidene fluoride) nanocomposites filled with surface coated BaTiO ₃ by SnO ₂ nanodots. Applied Physics Letters, 2014, 104, .	3.3	56
148	Influence of carbon nanotube dimensions on the percolation characteristics of carbon nanotube/polymer composites. Journal of Applied Physics, 2014, 116, .	2.5	32
149	Remarkable piezoresistance effect on the flexible strain sensor based on a single ultralong tellurium micrometre wire. Journal Physics D: Applied Physics, 2014, 47, 505103.	2.8	15
150	Synthesis and dielectric properties of novel liquid crystalline triblock copolymers with cyanobiphenyl moieties and poly(n-butyl acrylate) segments. Polymers for Advanced Technologies, 2014, 25, 920-926.	3.2	5
151	Synthesis of polypropylene-grafted graphene and its compatibilization effect on polypropylene/polystyrene blends. Journal of Applied Polymer Science, 2014, 131, .	2.6	14
152	Synthesis, nanostructures and dielectric properties of novel liquid crystalline block copolymers. Polymer Chemistry, 2014, 5, 2513.	3.9	22
153	Improved mechanical and electrical properties in electrospun polyimide/multiwalled carbon nanotubes nanofibrous composites. Journal of Applied Physics, 2014, 116, 134104.	2.5	15
154	Dually Actuated Triple Shape Memory Polymers of Cross-Linked Polycyclooctene-Carbon Nanotube/Polyethylene Nanocomposites. ACS Applied Materials & Interfaces, 2014, 6, 20051-20059.	8.0	61
155	Ultrasonication assisted preparation of carbonaceous nanoparticles modified polyurethane foam with good conductivity and high oil absorption properties. Nanoscale, 2014, 6, 13748-13753.	5.6	98
156	Dielectric properties of polystyrene based composites filled with core-shell BaTiO ₃ /polystyrene hybrid nanoparticles. IEEE Transactions on Dielectrics and Electrical Insulation, 2014, 21, 1438-1445.	2.9	23
157	Low dielectric loss and weak frequency dependence of dielectric permittivity of the CeO ₂ /polystyrene nanocomposite films. Applied Physics Letters, 2014, 105, .	3.3	23
158	On improvement of mechanical and thermo-mechanical properties of glass fabric/epoxy composites by incorporating CNT-Al ₂ O ₃ hybrids. Composites Science and Technology, 2014, 103, 36-43.	7.8	65
159	Preparation and wide-frequency dielectric properties of (Ba _{0.5} Sr _{0.4} Ca _{0.1})TiO ₃ /poly(vinylidene fluoride) nanocomposites. Journal of Applied Physics, 2014, 116, 134104.	2.5	33
160	Polymer Nanocomposites with High Permittivity. , 2014, , 305-333.		5
161	Interfacial engineering of polypropylene/graphene nanocomposites: improvement of graphene dispersion by using tryptophan as a stabilizer. RSC Advances, 2014, 4, 8799.	3.6	36
162	Influence of the second filler on the positive piezoresistance behavior of carbon nanotubes/silicone rubber composites. Materials Letters, 2014, 118, 161-164.	2.6	19

#	ARTICLE	IF	CITATIONS
163	Advanced dielectric polymer nanocomposites by constructing a ternary continuous structure in polymer blends containing poly(methyl methacrylate) (PMMA) modified carbon nanotubes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10614.	10.3	50
164	A hybrid Mg-Al layered double hydroxide/graphene nanostructure obtained via hydrothermal synthesis. <i>Chemical Physics Letters</i> , 2014, 605-606, 77-80.	2.6	31
165	Effect of the selective localization of carbon nanotubes in polystyrene/poly(vinylidene fluoride) blends on their dielectric, thermal, and mechanical properties. <i>Materials & Design</i> , 2014, 56, 807-815.	5.1	89
166	Alcohol Sensor Based on a Single Ultralong $\langle 110 \rangle$ -Type Tellurium Micrometer Wire. <i>Journal of Advanced Physics</i> , 2014, 3, 293-296.	0.4	0
167	Composition dependence of dielectric properties, elastic modulus, and electroactivity in (carbon) Tj ETQq1 1 0.784314 rgBT /Overlock 127, 4440-4445.	2.6	41
168	Improved Thermal Conductivity and Flame Retardancy in Polystyrene/Poly(vinylidene fluoride) Blends by Controlling Selective Localization and Surface Modification of SiC Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6915-6924.	8.0	153
169	Flexible Nanodielectric Materials with High Permittivity for Power Energy Storage. <i>Advanced Materials</i> , 2013, 25, 6334-6365.	21.0	1,204
170	Phenomena of Multiarc Roots and Parallel Arcs in a Large-Scale Magnetically Rotating Arc Plasma Generator. <i>IEEE Transactions on Plasma Science</i> , 2013, 41, 601-605.	1.3	9
171	High thermal conductivity and high electrical resistivity of poly(vinylidene fluoride)/polystyrene blends by controlling the localization of hybrid fillers. <i>Composites Science and Technology</i> , 2013, 89, 142-148.	7.8	115
172	Low-frequency dielectric phenomena in BaTiO ₃ /polymer nanocomposites. , 2013, , .		3
173	Effects of carbon nanotubes aspect ratio on the qualitative and quantitative aspects of frequency response of electrical conductivity and dielectric permittivity in the carbon nanotube/polymer composites. <i>Carbon</i> , 2013, 54, 105-112.	10.3	98
174	High performance hybrid carbon fillers/binary-polymer nanocomposites with remarkably enhanced positive temperature coefficient effect of resistance. <i>Journal of Materials Chemistry A</i> , 2013, 1, 843-851.	10.3	76
175	Preparation and dielectric behaviors of thermoplastic and thermosetting polymer nanocomposite films containing BaTiO ₃ nanoparticles with different diameters. <i>Composites Science and Technology</i> , 2013, 80, 66-72.	7.8	64
176	Tuning the Dielectric Properties of Polystyrene/Poly(vinylidene fluoride) Blends by Selectively Localizing Carbon Black Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2505-2515.	2.6	62
177	Increased electroaction through a molecular flexibility tuning process in TiO ₂ -polydimethylsilicone nanocomposites. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3140.	10.3	100
178	Functionalized graphene-BaTiO ₃ /ferroelectric polymer nanodielectric composites with high permittivity, low dielectric loss, and low percolation threshold. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6162.	10.3	179
179	Positive piezoresistive behavior of electrically conductive alkyl-functionalized graphene/polydimethylsilicone nanocomposites. <i>Journal of Materials Chemistry C</i> , 2013, 1, 515-521.	5.5	106
180	Dielectric properties of reduced graphene oxide/polypropylene composites with ultralow percolation threshold. <i>Polymer</i> , 2013, 54, 1916-1922.	3.8	204

#	ARTICLE	IF	CITATIONS
181	Fabrication and properties of high performance polyimide nanofibrous films by electrospinning. , 2013, , .		2
182	The effect of aspect ratio on the piezoresistive behavior of the multiwalled carbon nanotubes/thermoplastic elastomer nanocomposites. Journal of Applied Physics, 2013, 113, .	2.5	28
183	High-permittivity polymer nanocomposites: Influence of interface on dielectric properties. Journal of Advanced Dielectrics, 2013, 03, 1330004.	2.4	44
184	Preparation and characterization of surface modified silicon carbide/polystyrene nanocomposites. Journal of Applied Polymer Science, 2013, 130, 638-644.	2.6	36
185	Piezoresistive Behavior of Electrically Conductive Carbon Fillers/Thermoplastic Elastomer Nanocomposites. Journal of Advanced Physics, 2013, 2, 70-74.	0.4	16
186	Electrical-Induced Wrinkling and Bulging Phenomena in Flexible Electroactive Polymer Composites. Journal of Advanced Physics, 2013, 2, 13-19.	0.4	1
187	Dielectric Properties and Thermal Expansion of ZrW ₂ O ₈ /Polyimide Hybrid Films. Journal of Advanced Physics, 2012, 1, 48-53.	0.4	5
188	Low dielectric permittivity and high thermal conductivity silicone rubber composites with micro-nano-sized particles. Applied Physics Letters, 2012, 101, 062905.	3.3	78
189	Experimental study and theoretical prediction of dielectric permittivity in BaTiO ₃ /polyimide nanocomposite films. Applied Physics Letters, 2012, 100, .	3.3	71
190	Aluminum Nitride/Polyimide Nanocomposite Films with High Thermal Conductivity and Low Dielectric Permittivity. Journal of Advanced Physics, 2012, 1, 78-83.	0.4	1
191	Advanced dielectric properties of BaTiO ₃ /polyvinylidene-fluoride nanocomposites with sandwich multi-layer structure. IEEE Transactions on Dielectrics and Electrical Insulation, 2012, 19, 1312-1317.	2.9	54
192	Prominent nonlinear electrical conduction characteristic in T-ZnOw/PTFE composites with low threshold field. IEEE Transactions on Dielectrics and Electrical Insulation, 2012, 19, 567-573.	2.9	15
193	Dielectric properties of silica hollow spheres/epoxy nanocomposites. , 2012, , .		2
194	Dielectric properties of epoxy/Al ₂ O ₃ nanomposites derived from Al ₂ O ₃ nanoparticles. , 2012, , .		0
195	Tailored Ultralow Dielectric Permittivity in High-Performance Fluorinated Polyimide Films by Adjusting Nanoporous Characteristics. Journal of Physical Chemistry C, 2012, 116, 23676-23681.	3.1	42
196	Improved stability of volume resistivity in carbon black/ethylene-vinyl acetate copolymer composites by employing multi-walled carbon nanotubes as second filler. Polymer, 2012, 53, 4871-4878.	3.8	27
197	Size-dependent low-frequency dielectric properties in the BaTiO ₃ /poly(vinylidene fluoride) nanocomposite films. Applied Physics Letters, 2012, 100, .	3.3	104
198	Improved Dielectric Properties of Nanocomposites Based on Poly(vinylidene fluoride) and Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.0	277

#	ARTICLE	IF	CITATIONS
199	Copper particles/epoxy resin thermosetting conductive adhesive using polyamide resin as curing agent. <i>Journal of Applied Polymer Science</i> , 2012, 126, 815-821.	2.6	25
200	Fundamentals, processes and applications of high-permittivity polymer matrix composites. <i>Progress in Materials Science</i> , 2012, 57, 660-723.	32.8	1,467
201	Surface-Functionalized MWNTs with Emeraldine Base: Preparation and Improving Dielectric Properties of Polymer Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4557-4560.	8.0	106
202	Stretch-Modulated Carbon Nanotube Alignment in Ferroelectric Polymer Composites: Characterization of the Orientation State and Its Influence on the Dielectric Properties. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20011-20017.	3.1	72
203	Giant Dielectric Permittivity Nanocomposites: Realizing True Potential of Pristine Carbon Nanotubes in Polyvinylidene Fluoride Matrix through an Enhanced Interfacial Interaction. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5515-5521.	3.1	341
204	Improving Dielectric Properties of BaTiO ₃ /Ferroelectric Polymer Composites by Employing Surface Hydroxylated BaTiO ₃ Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2184-2188.	8.0	388
205	On Refining the Relationship between Aspect Ratio and Percolation Threshold of Practical Carbon Nanotubes/Polymer Nanocomposites. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 080214.	1.5	20
206	Microstructure and dielectric characterization of micro- nanosize co-filled composite films with high dielectric permittivity. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2011, 18, 1518-1525.	2.9	21
207	Mechanism and properties of piezoresistive in rubber-matrix nanocomposites. , 2011, , .		0
208	Preparation and dielectric properties of surface modified TiO ₂ /silicone rubber nanocomposites. <i>Materials Letters</i> , 2011, 65, 3430-3432.	2.6	92
209	Complementary percolation characteristics of carbon fillers based electrically percolative thermoplastic elastomer composites. <i>Composites Science and Technology</i> , 2011, 72, 28-35.	7.8	83
210	The influence of TiO ₂ nanoparticle incorporation on surface potential decay of corona-resistant polyimide nanocomposite films. <i>Journal of Electrostatics</i> , 2011, 69, 255-260.	1.9	41
211	Preparation and charge transport of polyimide insulating nanocomposite films. , 2011, , .		0
212	Fabrication and dielectric properties of advanced high permittivity polyaniline/poly(vinylidene fluoride) nanocomposites. <i>Journal of Applied Physics</i> , 2011, 110, 2441.	6.7	188
213	Effect of shell layer thickness on dielectric properties in Ag@TiO ₂ core@shell nanoparticles filled ferroelectric poly(vinylidene fluoride) composites. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 739-742.	1.8	56
214	Microstructure and electrical properties in three-component (Al ₂ O ₃ -TiO ₂)/polyimide nanocomposite films. <i>Journal of Materials Research</i> , 2010, 25, 2384-2391.	2.6	17
215	Temperature dependence of electric and dielectric behaviors of Ni/polyvinylidene fluoride composites. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	80
216	Dielectric properties and effect of electrical aging on space charge accumulation in polyimide/TiO ₂ nanocomposite films. <i>Journal of Applied Physics</i> , 2010, 108, 094113.	2.5	77

#	ARTICLE	IF	CITATIONS
217	Electrical properties of TiO ₂ -filled polyimide nanocomposite films prepared via an in situ polymerization process. <i>Synthetic Metals</i> , 2010, 160, 2670-2674.	3.9	47
218	Tailored Dielectric Properties based on Microstructure Change in BaTiO ₃ -Carbon Nanotube/Polyvinylidene Fluoride Three-Phase Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13204-13209.	3.1	168
219	Space charge dynamics in polyimide based nanocomposites. , 2010, , .		1
220	Novel surface potential decay of TiO ₂ -based polyimide nanocomposite films. , 2010, , .		3
221	Enhanced electrical properties in percolative low-density polyethylene/carbon nanotubes nanocomposites. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2010, 17, 645-652.	2.9	14
222	Broad-frequency dielectric behaviors in multiwalled carbon nanotube/rubber nanocomposites. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	89
223	Origin of ultralow permittivity in polyimide/mesoporous silicate nanohybrid films with high resistivity and high breakdown strength. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	27
224	Origin of remarkable positive temperature coefficient effect in the modified carbon black and carbon fiber cofilled polymer composites. <i>Journal of Applied Physics</i> , 2009, 106, 024913.	2.5	31
225	Potential Bioelectroactive Bone Regeneration Polymer Nanocomposites with High Dielectric Permittivity. <i>Advanced Engineering Materials</i> , 2009, 11, B144.	3.5	17
226	Advanced Calcium Copper Titanate/Polyimide Functional Hybrid Films with High Dielectric Permittivity. <i>Advanced Materials</i> , 2009, 21, 2077-2082.	21.0	378
227	High-dielectric-permittivity high-elasticity three-component nanocomposites with low percolation threshold and low dielectric loss. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	37
228	Carbon black-BaTiO ₃ /silicone rubber electroactive nanocomposites with large strain coefficient. , 2009, , .		1
229	Effect of BaTiO ₃ size on dielectric property of BaTiO ₃ /PVDF composites. <i>Journal of Electroceramics</i> , 2008, 21, 381-384.	2.0	75
230	Effect of the ceramic particle size on the microstructure and dielectric properties of barium titanate/polystyrene composites. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3473-3479.	2.6	40
231	Fabrication and Dielectric Characterization of Advanced BaTiO ₃ /Polyimide Nanocomposite Films with High Thermal Stability. <i>Advanced Functional Materials</i> , 2008, 18, 1509-1517.	14.9	294
232	Study on microstructure and dielectric property of the BaTiO ₃ /epoxy resin composites. <i>Composites Science and Technology</i> , 2008, 68, 171-177.	7.8	180
233	Effects of surface modification of carbon nanotubes on the microstructure and electrical properties of carbon nanotubes/rubber nanocomposites. <i>Chemical Physics Letters</i> , 2008, 457, 352-356.	2.6	85
234	Mechanism analysis of improved corona-resistant characteristic in polyimide/TiO ₂ nanohybrid films. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	63

#	ARTICLE	IF	CITATIONS
235	Unique dielectric properties in polyaniline/poly(vinylidene fluoride) composites induced by temperature variation. <i>Physica Status Solidi - Rapid Research Letters</i> , 2008, 2, 233-235.	2.4	19
236	BaTiO ₃ -carbon nanotube/polyvinylidene fluoride three-phase composites with high dielectric constant and low dielectric loss. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	123
237	Remarkable selective localization of modified nanoscaled carbon black and positive temperature coefficient effect in binary-polymer matrix composites. <i>Journal of Materials Chemistry</i> , 2008, 18, 2685.	6.7	56
238	High dielectric permittivity silver/polyimide composite films with excellent thermal stability. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	93
239	Supersensitive linear piezoresistive property in carbon nanotubes/silicone rubber nanocomposites. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	117
240	Enhanced dielectric properties and positive temperature coefficient effect in the binary polymer composites with surface modified carbon black. <i>Journal of Materials Chemistry</i> , 2008, 18, 229-234.	6.7	85
241	Exploration of dielectric constant dependence on evolution of microstructure in nanotube/ferroelectric polymer nanocomposites. <i>Applied Physics Letters</i> , 2008, 92, 082902.	3.3	35
242	Dielectric properties of upright carbon fiber filled poly(vinylidene fluoride) composite with low percolation threshold and weak temperature dependence. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	122
243	Effect of tensile strain on morphology and dielectric property in nanotube/polymer nanocomposites. <i>Applied Physics Letters</i> , 2007, 90, 012907.	3.3	74
244	Exploration of unusual electrical properties in carbon black/binary-polymer nanocomposites. <i>Applied Physics Letters</i> , 2007, 90, 152912.	3.3	30
245	Theoretical prediction and experimental study of dielectric properties in poly(vinylidene fluoride) matrix composites with micronanosize BaTiO ₃ filler. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	57
246	Giant dielectric constant and resistance-pressure sensitivity in carbon nanotubes/rubber nanocomposites with low percolation threshold. <i>Applied Physics Letters</i> , 2007, 90, 042914.	3.3	108
247	Influence of aspect ratio of carbon nanotube on percolation threshold in ferroelectric polymer nanocomposite. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	125
248	Significantly enhanced low-frequency dielectric permittivity in the BaTiO ₃ /poly(vinylidene fluoride) nanocomposite. <i>Applied Physics Letters</i> , 2007, 90, 012901.	3.3	180
249	Effect of aspect ratio of multiwall carbon nanotubes on resistance-pressure sensitivity of rubber nanocomposites. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	46
250	Novel high-dielectric-permittivity poly(vinylidene fluoride)/polypropylene blend composites: The influence of the poly(vinylidene fluoride) concentration and compatibilizer. <i>Journal of Applied Polymer Science</i> , 2007, 105, 3649-3655.	2.6	66
251	Electrical property and microstructure analysis of poly(vinylidene fluoride)-based composites with different conducting fillers. <i>Chemical Physics Letters</i> , 2007, 438, 196-202.	2.6	92
252	Enhanced electrical conductivity in chemically modified carbon nanotube/methylvinyl silicone rubber nanocomposite. <i>European Polymer Journal</i> , 2007, 43, 4924-4930.	5.4	71

#	ARTICLE	IF	CITATIONS
253	Dielectric behavior of a metal-polymer composite with low percolation threshold. Applied Physics Letters, 2006, 89, 072902.	3.3	179
254	Influence of silane coupling agent on morphology and dielectric property in BaTiO ₃ /polyvinylidene fluoride composites. Applied Physics Letters, 2006, 89, 112902.	3.3	224
255	Surface Functionalization of Multiwalled Carbon Nanotube with Trifluorophenyl. Journal of Nanomaterials, 2006, 2006, 1-5.	2.7	40
256	Significant temperature and pressure sensitivities of electrical properties in chemically modified multiwall carbon nanotube/methylvinyl silicone rubber nanocomposites. Applied Physics Letters, 2006, 89, 182902.	3.3	64
257	Dielectric properties of LTNO ceramics and LTNO/PVDF composites. Ceramics International, 2005, 31, 349-351.	4.8	41
258	Morphology and Dielectric Property of Homogenous BaTiO ₃ /PVDF Nanocomposites Prepared via the Natural Adsorption Action of Nanosized BaTiO ₃ . Macromolecular Rapid Communications, 2005, 26, 1185-1189.	3.9	170
259	Dielectric Properties of Polyimide-Mica Hybrid Films. Macromolecular Rapid Communications, 2005, 26, 1473-1477.	3.9	47
260	Carbon nanotube composites with high dielectric constant at low percolation threshold. Applied Physics Letters, 2005, 87, 042903.	3.3	460
261	Rescaled temperature dependence of dielectric behavior of ferroelectric polymer composites. Applied Physics Letters, 2005, 86, 172905.	3.3	52
262	Dielectric behavior and dependence of percolation threshold on the conductivity of fillers in polymer-semiconductor composites. Applied Physics Letters, 2004, 85, 97-99.	3.3	128
263	Dependence of dielectric behavior on the physical property of fillers in the polymer-matrix composites. Synthetic Metals, 2004, 146, 79-84.	3.9	138