

Ding-Xiang Yan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers

7,575
citations

48
h-index

85
g-index

122
ext. papers

9,415
ext. citations

7.6
avg, IF

6.53
L-index

#	Paper	IF	Citations
120	Effective electromagnetic interference shielding properties of micro-truss structured CNT/Epoxy composites fabricated based on visible light processing. <i>Composites Science and Technology</i> , 2022 , 221, 109296	8.6	1
119	Efficient electromagnetic interference shielding of flexible Ag microfiber sponge/polydimethylsiloxane composite constructed by blow spinning. <i>Composites Science and Technology</i> , 2022 , 220, 109281	8.6	2
118	Highly enhanced microwave absorption for carbon nanotube/barium ferrite composite with ultra-low carbon nanotube loading. <i>Journal of Materials Science and Technology</i> , 2022 , 102, 115-122	9.1	4
117	Low-voltage and controllable-developed actuator with bilayer structure based on triple-shape actuation. <i>Composites Science and Technology</i> , 2022 , 222, 109399	8.6	1
116	Flexible and Water-proof nylon mesh with ultralow silver content for effective electromagnetic interference shielding effectiveness. <i>Chemical Engineering Journal</i> , 2022 , 439, 135662	14.7	0
115	Polyaniline-decorated carbon fibers for enhanced mechanical and electromagnetic interference shielding performances of epoxy composites. <i>Materials and Design</i> , 2022 , 217, 110658	8.1	2
114	CNT-assisted design of stable liquid metal droplets for flexible multifunctional composites. <i>Composites Part B: Engineering</i> , 2022 , 109961	10	2
113	Fabrication of multilayered carbon fibrous membranes for high-efficiency electromagnetic absorption. <i>Journal of Applied Physics</i> , 2021 , 130, 175302	2.5	
112	Flexible and heat-resistant carbon nanotube/graphene/polyimide foam for broadband microwave absorption. <i>Composites Science and Technology</i> , 2021 , 212, 108848	8.6	6
111	Ultralight carbon nanotube/graphene/polyimide foam with heterogeneous interfaces for efficient electromagnetic interference shielding and electromagnetic wave absorption. <i>Carbon</i> , 2021 , 176, 118-125	10.4	36
110	Highly Thermally Conductive Fluorinated Graphene/Aramid Nanofiber Films with Superior Mechanical Properties and Thermostability. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 8451-8459	3.9	3
109	Flexible Poly(vinylidene fluoride)-MXene/Silver Nanowire Electromagnetic Shielding Films with Joule Heating Performance. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 9824-9832	3.9	8
108	3D-printing of segregated carbon nanotube/polylactic acid composite with enhanced electromagnetic interference shielding and mechanical performance. <i>Materials and Design</i> , 2021 , 197, 109222	8.1	24
107	Highly thermally conductive liquid metal-based composites with superior thermostability for thermal management. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 2904-2911	7.1	50
106	Ultrathin, flexible and sandwich-structured PHBV/silver nanowire films for high-efficiency electromagnetic interference shielding. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3307-3315	7.1	10
105	Highly linear and low hysteresis porous strain sensor for wearable electronic skins. <i>Composites Communications</i> , 2021 , 26, 100809	6.7	7
104	A Healable and Mechanically Enhanced Composite with Segregated Conductive Network Structure for High-Efficient Electromagnetic Interference Shielding. <i>Nano-Micro Letters</i> , 2021 , 13, 162	19.5	15

103	Low-Voltage Actuator with Bilayer Structure for Various Biomimetic Locomotions. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43449-43457	9.5	4
102	Low-temperature carbonized carbon nanotube/cellulose aerogel for efficient microwave absorption. <i>Composites Part B: Engineering</i> , 2021 , 220, 108985	10	31
101	Carbonized cotton textile with hierarchical structure for superhydrophobicity and efficient electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 149, 106555	8.4	7
100	Highly stretchable and durable fibrous strain sensor with growth ring-like spiral structure for wearable electronics. <i>Composites Part B: Engineering</i> , 2021 , 225, 109275	10	5
99	A wearable multifunctional fabric with excellent electromagnetic interference shielding and passive radiation heating performance. <i>Composites Part B: Engineering</i> , 2021 , 225, 109299	10	6
98	Aramid nanofiber assisted preparation of self-standing liquid metal-based films for ultrahigh electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2021 , 426, 131288	14.7	15
97	Healable polyurethane/carbon nanotube composite with segregated structure for efficient electromagnetic interference shielding. <i>Composites Science and Technology</i> , 2020 , 200, 108446	8.6	16
96	Self-assembled reduced graphene oxide/nickel nanofibers with hierarchical core-shell structure for enhanced electromagnetic wave absorption. <i>Carbon</i> , 2020 , 167, 530-540	10.4	40
95	Injection molding of segregated carbon nanotube/polypropylene composite with enhanced electromagnetic interference shielding and mechanical performance. <i>Composites Science and Technology</i> , 2020 , 197, 108253	8.6	36
94	Facile Construction of a Superhydrophobic Surface on a Textile with Excellent Electrical Conductivity and Stretchability. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 7546-7553	3.9	11
93	Structuring Hierarchically Porous Architecture in Biomass-Derived Carbon Aerogels for Simultaneously Achieving High Electromagnetic Interference Shielding Effectiveness and High Absorption Coefficient. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18840-18849	9.5	48
92	Lightweight and Robust Carbon Nanotube/Polyimide Foam for Efficient and Heat-Resistant Electromagnetic Interference Shielding and Microwave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 8704-8712	9.5	99
91	Self-healing and flexible carbon nanotube/polyurethane composite for efficient electromagnetic interference shielding. <i>Composites Part B: Engineering</i> , 2020 , 193, 108015	10	46
90	A Highly Sensitive and Broad-Range Pressure Sensor Based on Polyurethane Mesodome Arrays Embedded with Silver Nanowires. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 19988-19999	9.5	44
89	Asymmetric conductive polymer composite foam for absorption dominated ultra-efficient electromagnetic interference shielding with extremely low reflection characteristics. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 9146-9159	13	89
88	A reliable and highly conductive carbon nanotube/thermoplastic polyurethane composite with an enhanced segregated structure for electrically driven heater applications. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8814-8822	7.1	10
87	Water-based conductive ink for highly efficient electromagnetic interference shielding coating. <i>Chemical Engineering Journal</i> , 2020 , 384, 123368	14.7	54
86	Novel passive cooling composite textile for both outdoor and indoor personal thermal management. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 130, 105738	8.4	31

85	Multilayer WPU conductive composites with controllable electro-magnetic gradient for absorption-dominated electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 129, 105692	8.4	81
84	An electrically conductive polymer composite with a co-continuous segregated structure for enhanced mechanical performance. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 11546-11554	7.1	16
83	Stretchable Liquid Metal-Based Conductive Textile for Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 53230-53238	9.5	33
82	Steric stabilizer-based promotion of uniform polyaniline shell for enhanced electromagnetic wave absorption of carbon nanotube/polyaniline hybrids. <i>Composites Part B: Engineering</i> , 2020 , 199, 108309	10	12
81	Highly Stretchable and Sensitive Strain Sensor with Porous Segregated Conductive Network. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 37094-37102	9.5	62
80	Highly Bendable and Durable Waterproof Paper for Ultra-High Electromagnetic Interference Shielding. <i>Polymers</i> , 2019 , 11,	4.5	15
79	Ultra-low gas permeable cellulose nanofiber nanocomposite film filled with highly oriented graphene oxide nanosheets induced by shear field. <i>Carbohydrate Polymers</i> , 2019 , 209, 310-319	10.3	27
78	Highly conductive and stretchable carbon nanotube/thermoplastic polyurethane composite for wearable heater. <i>Composites Science and Technology</i> , 2019 , 181, 107695	8.6	53
77	Structuring dense three-dimensional sheet-like skeleton networks in biomass-derived carbon aerogels for efficient electromagnetic interference shielding. <i>Carbon</i> , 2019 , 152, 316-324	10.4	46
76	Highly Sensitive and Stretchable Polyurethane Fiber Strain Sensors with Embedded Silver Nanowires. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23649-23658	9.5	75
75	Selective electromagnetic interference shielding performance and superior mechanical strength of conductive polymer composites with oriented segregated conductive networks. <i>Chemical Engineering Journal</i> , 2019 , 373, 556-564	14.7	74
74	Highly thermally conductive and mechanically robust composite of linear ultrahigh molecular weight polyethylene and boron nitride via constructing nacre-like structure. <i>Composites Science and Technology</i> , 2019 , 184, 107858	8.6	22
73	Enhanced Mechanical Performance of Segregated Carbon Nanotube/Poly(lactic acid) Composite for Efficient Electromagnetic Interference Shielding. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 4454-4461	3.9	23
72	Baroplastics with Robust Mechanical Properties and Reserved Processability through Hydrogen-Bonded Interactions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12008-12016	9.5	16
71	Highly Conductive and Machine-Washable Textiles for Efficient Electromagnetic Interference Shielding. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800503	6.8	67
70	Flexible and conductive polyurethane composites for electromagnetic shielding and printable circuit. <i>Chemical Engineering Journal</i> , 2019 , 360, 1427-1436	14.7	55
69	Stretchable and durable conductive fabric for ultrahigh performance electromagnetic interference shielding. <i>Carbon</i> , 2019 , 144, 101-108	10.4	129
68	Robustly Superhydrophobic Conductive Textile for Efficient Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 1680-1688	9.5	90

67	Efficient electromagnetic interference shielding of lightweight carbon nanotube/polyethylene composites compression molding plus salt-leaching.. <i>RSC Advances</i> , 2018 , 8, 8849-8855	3.7	24
66	Synergistic effect of graphene nanosheets and carbonyl iron/nickel alloy hybrid filler on electromagnetic interference shielding and thermal conductivity of cyanate ester composites. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1476-1486	7.1	169
65	Simultaneously improved electromagnetic interference shielding and mechanical performance of segregated carbon nanotube/polypropylene composite via solid phase molding. <i>Composites Science and Technology</i> , 2018 , 156, 87-94	8.6	158
64	Constructing highly oriented segregated structure towards high-strength carbon nanotube/ultrahigh-molecular-weight polyethylene composites for electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 110, 237-245	8.4	66
63	Highly Efficient and Reliable Transparent Electromagnetic Interference Shielding Film. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 11941-11949	9.5	189
62	Integrated strength and toughness in graphene/calcium alginate films for highly efficient electromagnetic interference shielding. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9166-9174	7.1	38
61	Facile preparation of 3D regenerated cellulose/graphene oxide composite aerogel with high-efficiency adsorption towards methylene blue. <i>Journal of Colloid and Interface Science</i> , 2018 , 532, 58-67	9.3	137
60	Lightweight and highly efficient electromagnetic wave-absorbing of 3D CNTs/GNS@CoFe ₂ O ₄ ternary composite aerogels. <i>Journal of Alloys and Compounds</i> , 2018 , 768, 6-14	5.7	68
59	Layer-Structured Design and Fabrication of Cyanate Ester Nanocomposites for Excellent Electromagnetic Shielding with Absorption-Dominated Characteristic. <i>Polymers</i> , 2018 , 10,	4.5	11
58	Largely enhanced mechanical property of segregated carbon nanotube/poly(vinylidene fluoride) composites with high electromagnetic interference shielding performance. <i>Composites Science and Technology</i> , 2018 , 167, 260-267	8.6	48
57	Synergistic Effect of Graphite and Carbon Nanotubes on Improved Electromagnetic Interference Shielding Performance in Segregated Composites. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 11929-11938	3.9	50
56	Flexible and highly conductive sandwich nylon/nickel film for ultra-efficient electromagnetic interference shielding. <i>Applied Surface Science</i> , 2018 , 455, 856-863	6.7	50
55	Synergetic Toughening Effect of Carbon Nanotubes and Nucleating Agents on the Polypropylene Random Copolymer/Styrene-Ethylene-Butylene- Styrene Block Copolymer Blends. <i>Polymers</i> , 2018 , 11,	4.5	5
54	Repeatable, room-temperature-processed baroplastic-carbon nanotube composites for electromagnetic interference shielding. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12955-12964	7.1	13
53	Ultralight Cellulose Porous Composites with Manipulated Porous Structure and Carbon Nanotube Distribution for Promising Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 40156-40167	9.5	73
52	Wearable Polyethylene/Polyamide Composite Fabric for Passive Human Body Cooling. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 41637-41644	9.5	45
51	Large-scale preparation of segregated PLA/carbon nanotube composite with high efficient electromagnetic interference shielding and favourable mechanical properties. <i>Composites Part B: Engineering</i> , 2018 , 155, 405-413	10	75
50	A highly efficient and heat-resistant electromagnetic interference shielding carbon nanotube/poly(phenylene sulfide) composite via sinter molding. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10760-10766	7.1	41

49	Injection Molded Segregated Carbon Nanotube/Polypropylene Composite for Efficient Electromagnetic Interference Shielding. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 12378-12385	3.9	36
48	Gradient Structure Design of Flexible Waterborne Polyurethane Conductive Films for Ultraefficient Electromagnetic Shielding with Low Reflection Characteristic. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 19143-19152	9.5	125
47	Robust carbon nanotube foam for efficient electromagnetic interference shielding and microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 113-119	9.3	52
46	Tunable electromagnetic interference shielding effectiveness via multilayer assembly of regenerated cellulose as a supporting substrate and carbon nanotubes/polymer as a functional layer. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 3130-3138	7.1	92
45	Ultrahigh gas barrier poly (vinyl alcohol) nanocomposite film filled with congregated and oriented Fe ₃ O ₄ @GO sheets induced by magnetic-field. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017 , 97, 1-9	8.4	37
44	A high heat-resistance bioplastic foam with efficient electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2017 , 323, 29-36	14.7	110
43	High Strain Tolerant EMI Shielding Using Carbon Nanotube Network Stabilized Rubber Composite. <i>Advanced Materials Technologies</i> , 2017 , 2, 1700078	6.8	112
42	Ultrahigh molecular weight polyethylene composites with segregated nickel conductive network for highly efficient electromagnetic interference shielding. <i>Materials Letters</i> , 2017 , 209, 353-356	3.3	31
41	Flexible and efficient electromagnetic interference shielding materials from ground tire rubber. <i>Carbon</i> , 2017 , 121, 267-273	10.4	113
40	Anisotropically conductive polypropylene/nickel coated glass fiber composite via magnetic field inducement. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 9126-9131	2.1	12
39	A strong and tough polymer/carbon nanotube film for flexible and efficient electromagnetic interference shielding. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8944-8951	7.1	83
38	Octadecylamine-Grafted Graphene Oxide Helps the Dispersion of Carbon Nanotubes in Ethylene Vinyl Acetate. <i>Polymers</i> , 2017 , 9,	4.5	11
37	Towards efficient electromagnetic interference shielding performance for polyethylene composites by structuring segregated carbon black/graphite networks. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016 , 34, 1490-1499	3.5	21
36	Formation of a Segregated Electrically Conductive Network Structure in a Low-Melt-Viscosity Polymer for Highly Efficient Electromagnetic Interference Shielding. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 4137-4145	8.3	97
35	A Unique Double Percolated Polymer Composite for Highly Efficient Electromagnetic Interference Shielding. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 1232-1241	3.9	47
34	Super-Robust Polylactide Barrier Films by Building Densely Oriented Lamellae Incorporated with Ductile in Situ Nanofibrils of Poly(butylene adipate-co-terephthalate). <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8096-109	9.5	68
33	Facile, green and affordable strategy for structuring natural graphite/polymer composite with efficient electromagnetic interference shielding. <i>RSC Advances</i> , 2015 , 5, 22587-22592	3.7	42
32	Percolation and resistivity-temperature behaviours of carbon nanotube-carbon black hybrid loaded ultrahigh molecular weight polyethylene composites with segregated structures. <i>RSC Advances</i> , 2015 , 5, 61318-61323	3.7	18

31	Electrically conductive and electromagnetic interference shielding of polyethylene composites with devisable carbon nanotube networks. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9369-9378	7.1	189
30	Structured Reduced Graphene Oxide/Polymer Composites for Ultra-Efficient Electromagnetic Interference Shielding. <i>Advanced Functional Materials</i> , 2015 , 25, 559-566	15.6	802
29	A facile strategy to fabricate microencapsulated expandable graphite as a flame-retardant for rigid polyurethane foams. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	13
28	Cellulose composite aerogel for highly efficient electromagnetic interference shielding. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 4983-4991	13	200
27	Effects of dodecyl amine functionalized graphene oxide on the crystallization behavior of isotactic polypropylene. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	7
26	Non-isothermal crystallization kinetics of alkyl-functionalized graphene oxide/high-density polyethylene nanocomposites. <i>Composite Interfaces</i> , 2014 , 21, 203-215	2.3	11
25	Towards tunable resistivity-strain behavior through construction of oriented and selectively distributed conductive networks in conductive polymer composites. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 10048-10058	13	67
24	Conductive polymer composites with segregated structures. <i>Progress in Polymer Science</i> , 2014 , 39, 1908-1933	19.3	470
23	Electromagnetic interference shielding of segregated polymer composite with an ultralow loading of in situ thermally reduced graphene oxide. <i>Nanotechnology</i> , 2014 , 25, 145705	3.4	104
22	Characterization and performance of dodecyl amine functionalized graphene oxide and dodecyl amine functionalized graphene/high-density polyethylene nanocomposites: A comparative study. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	35
21	Influence of surface polarity of carbon nanotubes on electric field induced aligned conductive network formation in a polymer melt. <i>RSC Advances</i> , 2013 , 3, 24185	3.7	10
20	Double-segregated carbon nanotube/polymer conductive composites as candidates for liquid sensing materials. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 4177	13	70
19	Preparation and properties of carbon black/polymer composites with segregated and double-percolated network structures. <i>Journal of Materials Science</i> , 2013 , 48, 4892-4898	4.3	23
18	Resistivity Relaxation of Anisotropic Conductive Polymer Composites. <i>Journal of Macromolecular Science - Physics</i> , 2013 , 52, 788-796	1.4	3
17	Temperature resistivity behaviour in carbon nanotube/ultrahigh molecular weight polyethylene composites with segregated and double percolated structure. <i>Plastics, Rubber and Composites</i> , 2013 , 42, 59-65	1.5	10
16	A Conductive Carbon Nanotube-Polymer Composite Based on a Co-continuous Blend. <i>Journal of Macromolecular Science - Physics</i> , 2013 , 52, 167-177	1.4	2
15	Ultraporous poly(lactic acid) scaffolds with improved mechanical performance using high-pressure molding and salt leaching. <i>Journal of Applied Polymer Science</i> , 2013 , 130, 3509-3520	2.9	9
14	Super-tough conducting carbon nanotube/ultrahigh-molecular-weight polyethylene composites with segregated and double-percolated structure. <i>Journal of Materials Chemistry</i> , 2012 , 22, 23568		102

13	Highly crystallized poly (lactic acid) under high pressure. <i>AIP Advances</i> , 2012 , 2, 042159	1.5	27
12	Efficient electromagnetic interference shielding of lightweight graphene/polystyrene composite. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18772		423
11	Non-isothermal crystallization of ethylene-vinyl acetate copolymer containing a high weight fraction of graphene nanosheets and carbon nanotubes. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012 , 30, 879-892	3.5	13
10	A facile strategy to modulate the fluorescent properties of star polymers by varying the arm numbers. <i>Journal of Polymer Research</i> , 2012 , 19, 1	2.7	3
9	Enhanced mechanical and thermal properties of rigid polyurethane foam composites containing graphene nanosheets and carbon nanotubes. <i>Polymer International</i> , 2012 , 61, 1107-1114	3.3	103
8	Temperature dependence of graphene oxide reduced by hydrazine hydrate. <i>Nanotechnology</i> , 2011 , 22, 055705	3.4	495
7	Tunable positive liquid coefficient of an anisotropically conductive carbon nanotube-polymer composite. <i>Journal of Polymer Research</i> , 2011 , 18, 2239-2243	2.7	12
6	Electrical conductivity and major mechanical and thermal properties of carbon nanotube-filled polyurethane foams. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 3014-3019	2.9	63
5	Improved properties of highly oriented graphene/polymer nanocomposites. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 3167-3174	2.9	57
4	The effect of electric field, annealing temperature and filler loading on the percolation threshold of polystyrene containing carbon nanotubes and graphene nanosheets. <i>Carbon</i> , 2011 , 49, 1980-1988	10.4	99
3	Large-scale fabrication and electrical properties of an anisotropic conductive polymer composite utilizing preferable location of carbon nanotubes in a polymer blend. <i>Composites Science and Technology</i> , 2010 , 70, 1973-1979	8.6	69
2	Temperature-Resistivity Behaviour of CNTs/UHMWPE Composites with a Two-Dimensional Conductive Network. <i>Polymer-Plastics Technology and Engineering</i> , 2009 , 48, 478-481		29
1	Positive temperature coefficient and time-dependent resistivity of carbon nanotubes (CNTs)/ultrahigh molecular weight polyethylene (UHMWPE) composite. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 1002-1010	2.9	27