

# Lijie dong

## 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.

141  
papers

3,484  
citations

32  
h-index

53  
g-index

152  
ext. papers

4,225  
ext. citations

6.9  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
141	Wulff-type boronic acid-functionalized quantum dots for rapid and sensitive detection of Gram-negative bacteria. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 356, 131332	8.5	1
140	Polyhedral Oligosilsesquioxane-Modified Alumina/Aluminum Nitride/Silicone Rubber Composites to Enhance Dielectric Properties and Thermal Conductivity. <i>Journal of Electronic Materials</i> , <b>2022</b> , 51, 2308-2315	1.9	0
139	Advances in Photodynamic Therapy Based on Nanotechnology and Its Application in Skin Cancer.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 836397	5.3	2
138	Enhanced magneto-mechano-electric conversion in flexible multiferroic nanocomposites via slender magnetic nanofibers regulated by tailored carbon nanotubes. <i>Chemical Engineering Journal</i> , <b>2022</b> , 446, 137137	14.7	1
137	Lightweight and broadband 2D MoS nanosheets/3D carbon nanofibers hybrid aerogel for high-efficiency microwave absorption. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 609, 33-42	9.3	2
136	Counting Nanoplastics in Environmental Waters by Single Particle Inductively Coupled Plasma Mass Spectroscopy after Cloud-Point Extraction and Labeling of Gold Nanoparticles. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 4783-4791	10.3	18
135	Ultrahigh polar phase content PVDF-based composite films with ultralow filler loading for high-energy-density flexible capacitors. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 12084-12093	2.1	4
134	Environmental-friendly electrospun phase change fiber with exceptional thermal energy storage performance. <i>Solar Energy Materials and Solar Cells</i> , <b>2021</b> , 222, 110939	6.4	6
133	Significantly enhancing energy storage performances of flexible dielectric film by introducing poly(1,4-anthraquinone). <i>European Polymer Journal</i> , <b>2021</b> , 152, 110486	5.2	1
132	Ultrahigh charge-discharge efficiency and enhanced energy density of the sandwiched polymer nanocomposites with poly(methyl methacrylate) layer. <i>Composites Science and Technology</i> , <b>2021</b> , 202, 108591	8.6	18
131	Significant Improvements in Dielectric Constant and Energy Density of Ferroelectric Polymer Nanocomposites Enabled by Ultralow Contents of Nanofillers. <i>Advanced Materials</i> , <b>2021</b> , 33, e2102392	24	39
130	Bumpy structured nanofibrous membrane as a highly efficient air filter with antibacterial and antiviral property. <i>Science of the Total Environment</i> , <b>2021</b> , 777, 145768	10.2	19
129	Sensitive and rapid detection of fingerprints based on electrospun nanofibrous membranes and quantum dots. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 623, 126716	5.1	4
128	Digestive Elimination of Coexisting Microplastics for Determination of Particulate Black Carbon in Environmental Waters. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 11184-11190	7.8	0
127	Flexible coatings with microphase separation structure attained by copolymers and ultra-fine nanoparticles for enduring antifouling. <i>Journal of Materials Science and Technology</i> , <b>2021</b> , 82, 179-186	9.1	1
126	Carbon aerogel based composite phase change material derived from kapok fiber: Exceptional microwave absorptivity and efficient solar/magnetic to thermal energy storage performance. <i>Composites Part B: Engineering</i> , <b>2021</b> , 226, 109330	10	14
125	Magnetolectric effect in flexible nanocomposite films based on size-matching. <i>Nanoscale</i> , <b>2021</b> , 13, 4177-4187	7.7	2

124	Polymer dielectrics exhibiting an anomalously improved dielectric constant simultaneously achieved high energy density and efficiency enabled by CdSe/Cd <sub>1-x</sub> Zn <sub>x</sub> S quantum dots. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 13659-13670	13	12
123	Coexposed nanoparticulate Ag alleviates the acute toxicity induced by ionic Ag in vivo. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 138050	10.2	15
122	Highly sensitive and ultrafast film sensor based on polyethyleneimine-capped quantum dots for trinitrophenol visual detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 234, 118243	4.4	4
121	One-step preparation of porous aminated-silica nanoparticles and their antibacterial drug delivery applications. <i>Journal of Materials Science and Technology</i> , <b>2020</b> , 50, 139-146	9.1	4
120	Excipient-free porphyrin/SN-38 based nanotheranostics for drug delivery and cell imaging. <i>Nano Research</i> , <b>2020</b> , 13, 503-510	10	5
119	Self-healing capability of asphalt mixture containing polymeric composite fibers under acid and saline-alkali water solutions. <i>Journal of Cleaner Production</i> , <b>2020</b> , 268, 122387	10.3	17
118	Facile and efficient synthesis of magnetic fluorescent nanocomposites based on carbon nanotubes. <i>Ceramics International</i> , <b>2020</b> , 46, 8928-8934	5.1	2
117	Dual-direction high thermal conductivity polymer composites with outstanding electrical insulation and electromagnetic shielding performance. <i>Polymer Composites</i> , <b>2020</b> , 41, 1673-1682	3	4
116	Ultra-stable fluorescent film sensor based on quantum dots for the real-time detection of Cu. <i>Science of the Total Environment</i> , <b>2020</b> , 746, 141412	10.2	11
115	The biodistribution and transformation of nanoparticulate and ionic silver in rat organs in vivo. <i>NanoImpact</i> , <b>2020</b> , 20, 100265	5.6	3
114	Ultrahigh energy-density flexible dielectric films achieved by self-bundled polymer nanocluster in necklace-like arrangement. <i>Energy Storage Materials</i> , <b>2020</b> , 33, 1-10	19.4	15
113	Experimental investigation on improvement of latent heat and thermal conductivity of shape-stable phase-change materials using modified fly ash. <i>Journal of Cleaner Production</i> , <b>2020</b> , 246, 118952	10.3	18
112	Constructing enhanced pseudocapacitive Li <sup>+</sup> intercalation via multiple ionically bonded interfaces toward advanced lithium storage. <i>Energy Storage Materials</i> , <b>2020</b> , 24, 138-146	19.4	16
111	Flexible poly(vinylidene fluoride)-based composites with high breakdown strength and energy density induced from poly(anthraquinone sulphide). <i>Chemical Engineering Journal</i> , <b>2020</b> , 379, 122328	14.7	14
110	Enhanced microwave absorption performance of porous and hollow CoNi@C microspheres with controlled component and morphology. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 809, 151837	5.7	51
109	Polyethylene glycol/halloysite@Ag nanocomposite PCM for thermal energy storage: Simultaneously high latent heat and enhanced thermal conductivity. <i>Solar Energy Materials and Solar Cells</i> , <b>2019</b> , 193, 237-245	6.4	69
108	Microfluidic synthesis of polymeric fibers containing rejuvenating agent for asphalt self-healing. <i>Construction and Building Materials</i> , <b>2019</b> , 219, 176-183	6.7	19
107	Natural Microtubule-Encapsulated Phase-Change Material with Simultaneously High Latent Heat Capacity and Enhanced Thermal Conductivity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 20828-20837	9.5	32

106	Synthesis and Effect of Encapsulating Rejuvenator Fiber on the Performance of Asphalt Mixture. <i>Materials</i> , <b>2019</b> , 12,	3.5	10
105	Magnetic metal-organic frameworks nanocomposites for negligible-depletion solid-phase extraction of freely dissolved polyaromatic hydrocarbons. <i>Environmental Pollution</i> , <b>2019</b> , 252, 1574-1588	9.3	11
104	Synthesis and properties of microwave and crack responsive fibers encapsulating rejuvenator for bitumen self-healing. <i>Materials Research Express</i> , <b>2019</b> , 6, 085306	1.7	13
103	High-Energy-Density Flexible Dielectric Film via One-Step Extrusion Processing. <i>ACS Applied Polymer Materials</i> , <b>2019</b> , 1, 664-671	4.3	11
102	Latent heat and thermal conductivity enhancements in polyethylene glycol/polyethylene glycol-grafted graphene oxide composites. <i>Advanced Composites and Hybrid Materials</i> , <b>2019</b> , 2, 471-480	8.7	32
101	Natural microtubule encapsulated phase change material with high thermal energy storage capacity. <i>Energy</i> , <b>2019</b> , 172, 1144-1150	7.9	23
100	In-Situ Growth and Graphitization Synthesis of Porous Fe <sub>3</sub> O <sub>4</sub> /Carbon Fiber Composites Derived from Biomass as Lightweight Microwave Absorber. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 5318-5328	8.3	77
99	A facile approach of fabricating proton exchange membranes by incorporating polydopamine-functionalized carbon nanotubes into chitosan. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 6909-6918	6.7	24
98	Ultrafast, sensitive and visual sensing of copper ions by a dual-fluorescent film based on quantum dots. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 14904-14912	7.1	13
97	Flexible photoluminescent humidity sensing material based on electrospun PVA nanofibers comprising surface-carboxylated QDs. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 284, 258-264	8.5	12
96	Largely enhanced energy storage performance of sandwich-structured polymer nanocomposites with synergistic inorganic nanowires. <i>Ceramics International</i> , <b>2019</b> , 45, 8216-8221	5.1	28
95	Flexible Hydrophobic Antifouling Coating with Oriented Nanotopography and Nonleaking Capsaicin. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 9718-9726	9.5	32
94	Synthesis and Characterization of a Fluid-Like Novel Aniline Pentamer. <i>Macromolecular Research</i> , <b>2018</b> , 26, 233-237	1.9	6
93	Proton exchange membrane based on chitosan and solvent-free carbon nanotube fluids for fuel cells applications. <i>Carbohydrate Polymers</i> , <b>2018</b> , 186, 200-207	10.3	51
92	A high-efficiency ultrafiltration nanofibrous membrane with remarkable antifouling and antibacterial ability. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 15191-15199	13	37
91	Broadband and Lightweight Microwave Absorber Constructed by in Situ Growth of Hierarchical CoFeO/Reduced Graphene Oxide Porous Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 13860-13868	9.5	152
90	Ternary PVDF-based terpolymer nanocomposites with enhanced energy density and high power density. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2018</b> , 109, 597-603	8.4	41
89	Ordered porous structure of nitrogen-self-doped carbon supporting Co <sub>3</sub> O <sub>4</sub> nanoparticles as anode for improving cycle stability in lithium-ion batteries. <i>Journal of Materials Research</i> , <b>2018</b> , 33, 1226-1235	2.5	9

88	Facile preparation of pristine graphene using urea/glycerol as efficient stripping agents. <i>Nano Research</i> , <b>2018</b> , 11, 820-830	10	18
87	Polytriphenylamine Derivative and Carbon Nanotubes as Cathode Materials for High-Performance Polymer-Based Batteries. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 20057-20063	3.8	5
86	Superior Energy Storage Performances of Polymer Nanocomposites via Modification of Filler/Polymer Interfaces. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1800096	4.6	117
85	Simultaneous size characterization and mass quantification of the in vivo core-biocorona structure and dissolved species of silver nanoparticles. <i>Journal of Environmental Sciences</i> , <b>2018</b> , 63, 227-235	6.4	17
84	Encapsulation and solubilization of ultrastable quantum dots with multidentate bilayer ligands and rheological behaviour. <i>Nanoscale</i> , <b>2018</b> , 10, 20796-20803	7.7	4
83	A facile approach to fabricate self-assembled magnetic nanotheranostics for drug delivery and imaging. <i>Nanoscale</i> , <b>2018</b> , 10, 21634-21639	7.7	17
82	Microfluidic Synthesis of Ca-Alginate Microcapsules for Self-Healing of Bituminous Binder. <i>Materials</i> , <b>2018</b> , 11,	3.5	21
81	Enhanced energy storage performance of ferroelectric polymer nanocomposites at relatively low electric fields induced by surface modified BaTiO <sub>3</sub> nanofibers. <i>Composites Science and Technology</i> , <b>2018</b> , 164, 214-221	8.6	57
80	Poly(methyl methacrylate)/boron nitride nanocomposites with enhanced energy density as high temperature dielectrics. <i>Composites Science and Technology</i> , <b>2017</b> , 142, 139-144	8.6	107
79	Nanocomposites: High-Energy-Density Dielectric Polymer Nanocomposites with Trilayered Architecture (Adv. Funct. Mater. 20/2017). <i>Advanced Functional Materials</i> , <b>2017</b> , 27,	15.6	1
78	Colloidal stable quantum dots modified by dual functional group polymers for inkjet printing. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 4629-4635	7.1	21
77	High-Energy-Density Dielectric Polymer Nanocomposites with Trilayered Architecture. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1606292	15.6	232
76	In-site synthesis of monodisperse, oleylamine-capped Ag nanoparticles through microemulsion approach. <i>Journal of Nanoparticle Research</i> , <b>2017</b> , 19, 1	2.3	8
75	Hydrangea-like magneto-fluorescent nanoparticles through thiol-inducing assembly. <i>Materials Research Express</i> , <b>2017</b> , 4, 015008	1.7	1
74	Polytriphenylamine derivative with enhanced electrochemical performance as the organic cathode material for rechargeable batteries. <i>Polymer</i> , <b>2017</b> , 130, 135-142	3.9	13
73	Flexible, transparent and high dielectric-constant fluoropolymer-based nanocomposites with a fluoride-constructed interfacial structure. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 11403-11410	7.1	22
72	Effects of GnRHR polymorphisms on sperm quality in Chinese water buffalo. <i>Animal Reproduction Science</i> , <b>2017</b> , 186, 37-43	2.1	5
71	A novel fluid-filler/polymer composite as high-temperature thermally conductive and electrically insulating material. <i>Composites Science and Technology</i> , <b>2017</b> , 150, 128-134	8.6	16

70	Fluxible poly(p-phenyleneterephthalamide)-based polymer with tunable condensed state structure and controllable rheology behaviors. <i>Chemical Engineering Journal</i> , <b>2017</b> , 328, 343-352	14.7	15
69	Self-suspended polyaniline containing self-dissolved lyotropic liquid crystal with electrical conductivity. <i>Journal of Polymer Science Part A</i> , <b>2016</b> , 54, 3578-3582	2.5	4
68	Transformation kinetics of silver nanoparticles and silver ions in aquatic environments revealed by double stable isotope labeling. <i>Environmental Science: Nano</i> , <b>2016</b> , 3, 883-893	7.1	41
67	Effects of poly-(p-phenylene terephthamide) powder coated with polydopamine on ethylene-propylene-diene-terpolymer grafted maleic anhydride. <i>Science China Chemistry</i> , <b>2016</b> , 59, 459-463	7.9	1
66	Hydrophilic Magnetofluorescent Nanobowls: Rapid Magnetic Response and Efficient Photoluminescence. <i>Langmuir</i> , <b>2016</b> , 32, 611-8	4	5
65	Scatheless active functionalized poly(p-phenylene terephthalamide) fibres and their outstanding potential in enhancing interface adhesion with polymer matrix. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	2
64	Polydopamine-Functionalized Superparamagnetic Magnetite Nanocrystal Clusters [Rapid Magnetic Response and Efficient Antitumor Drug Carriers. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 148-153	2.3	6
63	A binary solvent system for improved liquid phase exfoliation of pristine graphene materials. <i>Carbon</i> , <b>2015</b> , 94, 405-411	10.4	28
62	Co3O4/C/graphene nanocomposites as novel anode materials for high capacity lithium ion batteries. <i>RSC Advances</i> , <b>2015</b> , 5, 73677-73683	3.7	11
61	NiO hierarchical hollow nanofibers as high-performance supercapacitor electrodes. <i>RSC Advances</i> , <b>2015</b> , 5, 96205-96212	3.7	39
60	Solvent-free zirconia nanofluids/silica single-layer multifunctional hybrid coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 464, 26-32	5.1	4
59	Nanosheets-based ZnO/NiO microspheres for lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 5279-5286	2.1	6
58	Water Dispersible Graphene Sheets Produced from Unassembled Graphene/Polyaniline Nano hybrids. <i>Nano</i> , <b>2015</b> , 10, 1550003	1.1	1
57	Synthesis of poly(vinylidene fluoride-co-bromotrifluoroethylene) and effects of molecular defects on microstructure and dielectric properties. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 5957-5966	4.9	25
56	Lauric acid/intercalated kaolinite as form-stable phase change material for thermal energy storage. <i>Energy</i> , <b>2014</b> , 76, 385-389	7.9	87
55	Structure/Property Relationship in Injection-Molded Polypropylene/Clay Composite Foams. <i>Materials and Manufacturing Processes</i> , <b>2014</b> , 29, 160-165	4.1	9
54	Morphological, thermal, and mechanical properties of poly(vinyl chloride)/acrylonitrile butadiene rubber blend using CuSO4·5H2O as cross-linking agent. <i>Polymer Engineering and Science</i> , <b>2014</b> , 54, 1864-1870	2.3	6
53	Highly reflective and adhesive surface of aluminized polyvinyl chloride film by vacuum evaporation. <i>Applied Surface Science</i> , <b>2014</b> , 311, 541-548	6.7	4

52	Microencapsulated capric/stearic acid with silica shell as a novel phase change material for thermal energy storage. <i>Applied Thermal Engineering</i> , <b>2014</b> , 70, 546-551	5.8	61
51	Facile preparation and thermal performances of hexadecanol/crosslinked polystyrene core/shell nanocapsules as phase change material. <i>Polymer Composites</i> , <b>2014</b> , 35, 2154-2158	3	25
50	Multiferroic Polymer Laminate Composites Exhibiting High Magnetolectric Response Induced by Hydrogen-Bonding Interactions. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 1067-1073	15.6	55
49	Stearic/capric acid eutectic/activated-attapulgiate composite as form-stable phase change material for thermal energy storage. <i>Energy Conversion and Management</i> , <b>2014</b> , 81, 306-311	10.6	107
48	Ultraviolet light aging properties of PVC/CaCO <sub>3</sub> composites. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 2749-2756	2.9	10
47	Fluxible nanoclusters of Fe <sub>3</sub> O <sub>4</sub> nanocrystal-embedded polyaniline by macromolecule-induced self-assembly. <i>Langmuir</i> , <b>2013</b> , 29, 10223-8	4	26
46	Suppression of energy dissipation and enhancement of breakdown strength in ferroelectric polymer/graphene percolative composites. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 7034	7.1	71
45	Particle Size Dependence of the Dielectric Properties of Polyvinylidene Fluoride/Silver Composites. <i>Journal of Macromolecular Science - Physics</i> , <b>2013</b> , 52, 1073-1081	1.4	17
44	Aqueous preparation of polyethylene glycol/sulfonated graphene phase change composite with enhanced thermal performance. <i>Energy Conversion and Management</i> , <b>2013</b> , 75, 482-487	10.6	56
43	Self-assembled long-chain organic ion grafted carbon dot ionic nanohybrids with liquid-like behavior and dual luminescence. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 3857	3.6	6
42	Solvent-free Synthesis of Flowable Carbon Clusters with Customizable Size and Tunable Optical Performance. <i>Chinese Journal of Chemistry</i> , <b>2013</b> , 31, 1513-1518	4.9	3
41	Self-assembled quantum dots/polyhedral oligomeric silsesquioxane nanohybrids with enhanced photoluminescence. <i>Scripta Materialia</i> , <b>2012</b> , 66, 646-649	5.6	9
40	Novel-modified kaolin for enhancing the mechanical and thermal properties of poly(vinyl chloride). <i>Polymer Engineering and Science</i> , <b>2012</b> , 52, 2071-2077	2.3	10
39	Self-unfolded graphene sheets. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 7055-9	4.8	25
38	The effect of the addition of carbon nanotube fluids to a polymeric matrix to produce simultaneous reinforcement and plasticization. <i>Carbon</i> , <b>2012</b> , 50, 2056-2060	10.4	21
37	Facile and rapid preparation of ultramicrocellular polystyrene using voided nanoparticles. <i>Micro and Nano Letters</i> , <b>2012</b> , 7, 1069-1071	0.9	3
36	Enhancement of Polymer Foam Quality by Modifying Structural and Decomposition Characteristics of Chemical Blowing Agent. <i>Polymer-Plastics Technology and Engineering</i> , <b>2012</b> , 51, 263-267		8
35	Self-suspended polyaniline doped with a protonic acid containing a polyethylene glycol segment. <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 2920-4	4.5	15

34	Liquid crystal azopolyamides with high thermal stability and inherent viscosity. <i>Journal of Materials Science</i> , <b>2011</b> , 46, 3343-3348	4.3	7
33	A carbon black derivative with liquid behavior. <i>Carbon</i> , <b>2011</b> , 49, 1047-1051	10.4	23
32	Property-structure relationship of nanoscale ionic materials based on multiwalled carbon nanotubes. <i>ACS Nano</i> , <b>2010</b> , 4, 5797-806	16.7	78
31	Photochromic azo polysemicarbazides with biocompatibility behavior. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2010</b> , 25, 979-983	1	0
30	Fluxible Monodisperse Quantum Dots with Efficient Luminescence. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 10139-10142	16.4	52
29	Fluxible monodisperse quantum dots with efficient luminescence. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 9943-6	16.4	52
28	Effect of heat treatment on the electrical properties of lead zirconate titanate/poly (vinylidene fluoride) composites. <i>Polymer International</i> , <b>2010</b> , 59, n/a-n/a	3.3	1
27	Magnetic-Field-Induced Locomotion of Glass Fibers on Water Surfaces: Towards the Understanding of How Much Force One Magnetic Nanoparticle Can Deliver. <i>Advanced Materials</i> , <b>2009</b> , 21, 1927-1930	24	24
26	N <sub>2</sub> -filled hollow glass beads as novel gas carriers for microcellular polyethylene. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 114, 4030-4035	2.9	3
25	Main-chain azo polyaramides with high thermal stability and liquid crystal properties. <i>Journal of Polymer Research</i> , <b>2009</b> , 16, 455-460	2.7	12
24	Synthesis and characterization of soluble aromatic azopolyamides containing sulfone and ether units. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2009</b> , 24, 594-598	1	1
23	Self-assembled FeCo/gelatin nanospheres with rapid magnetic response and high biomolecule-loading capacity. <i>Small</i> , <b>2009</b> , 5, 1153-7	11	8
22	Conductive mechanism of antistatic poly(ethylene terephthalate)/ZnOw composites. <i>Polymer Composites</i> , <b>2009</b> , 30, 226-231	3	37
21	Solvent-free fluids based on rhombohedral nanoparticles of calcium carbonate. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 9148-9	16.4	83
20	Enhancement of dielectric constant and piezoelectric coefficient of ceramic/polymer composites by interface chelation. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 2817		71
19	Aromatic azo-polyamide electrolyte with liquid crystal structure and photoelectrical properties. <i>Synthetic Metals</i> , <b>2008</b> , 158, 375-378	3.6	4
18	Controlled viscoelastic carbon nanotube fluids. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 3256-7	6.4	45
17	Synthesis and characterization of novel fluorinated azopolyamides. <i>Polymer Bulletin</i> , <b>2008</b> , 61, 569-580	2.4	10



16	Microstructure and properties of fluoroelastomer/butadiene-acrylonitrile rubber interpenetrating polymer networks. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2008</b> , 23, 50-53	1	11
15	Polyamide 11/Poly(vinylidene fluoride) Blends as Novel Flexible Materials for Capacitors. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 1449-1454	4.8	46
14	(1R*,2S*,3R*,4S*)-N-(1-Naphthyl)-5-norbornene-2,3-dicarboximide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o2393-o2394		1
13	Ionic liquid of ultralong carbon nanotubes. <i>Small</i> , <b>2007</b> , 3, 1889-93	11	48
12	Sandwich magnetoelectric composites of polyvinylidene fluoride, Tb-Dy-Fe alloy, and lead zirconate titanate. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2007</b> , 22, 596-599	1	3
11	Piezoelectric and dielectric properties of PZT/PVC and graphite doped with PZT/PVC composites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2006</b> , 127, 261-266	3.1	47
10	Polyvinyl-butyril/lead zirconate titanates composites with high dielectric constant and low dielectric loss. <i>Scripta Materialia</i> , <b>2006</b> , 55, 835-837	5.6	42
9	Synthesis of Azo Aromatic Diacyl Chlorides from Nitro Aromatic Acids. <i>Journal of Chemical Research</i> , <b>2006</b> , 2006, 139-140	0.6	4
8	Microporous polyvinyl chloride: novel reactor for PVC/CaCO <sub>3</sub> nanocomposites. <i>Nanotechnology</i> , <b>2005</b> , 16, 1787-1792	3.4	25
7	Polyurethane/carbon black composites with high positive temperature coefficient and low critical transformation temperature. <i>Carbon</i> , <b>2005</b> , 43, 1788-1792	10.4	28
6	Preparation and structural characterization of nanocrystalline poly(vinyl chloride). <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 91, 563-569	2.9	12
5	Preparation and properties of compatibilized PVC/SMA-g-PA6 blends. <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 94, 432-439	2.9	10
4	A three-phase magnetoelectric composite of piezoelectric ceramics, rare-earth iron alloys, and polymer. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 3831-3833	3.4	174
3	Effect and mechanism in compatibilization of poly(styrene-b-2-ethyl-2-oxazoline) diblock copolymer in poly(2,6-dimethyl-1,4-phenylene oxide)/poly(ethylene-ran-acrylic acid) blends. <i>Polymer</i> , <b>1999</b> , 40, 1537-1545	3.9	9
2	Significantly enhancing the dielectric constant and breakdown strength of linear dielectric polymers by utilizing ultralow loadings of nanofillers. <i>Journal of Materials Chemistry A</i> ,	13	15
1	Ultrahigh Energy Density in Continuously Gradient-Structured All-Organic Dielectric Polymer Films. <i>Advanced Functional Materials</i> , 2200848	15.6	6