

Chao Zhang

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.

121
papers

5,715
citations

42
h-index

72
g-index

130
ext. papers

6,903
ext. citations

8.4
avg, IF

6.22
L-index

#	Paper	IF	Citations
121	Ultrathin Polypyrrole Layers Boosting MoO ₃ as Both Cathode and Anode Materials for a 2.0 V High-Voltage Aqueous Supercapacitor.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	4
120	Thermo-spun reaction encapsulation fabrication of environment-stable and knittable fibrous ionic conductors with large elasticity and high fatigue resistance. <i>Chemical Engineering Journal</i> , 2022 , 435, 134826	14.7	1
119	3D reactive printing of polyaniline hybrid hydrogel microlattices with large stretchability and high fatigue resistance for wearable pressure sensors. <i>Composites Science and Technology</i> , 2022 , 220, 109263	8.6	2
118	Ultra-stretchable and superhydrophobic textile-based bioelectrodes for robust self-cleaning and personal health monitoring. <i>Nano Energy</i> , 2022 , 97, 107160	17.1	6
117	Multi-heteroatom-doped hollow carbon nanocages from ZIF-8@CTP nanocomposites as high-performance anodes for sodium-ion batteries. <i>Composites Communications</i> , 2022 , 32, 101116	6.7	3
116	Recent advances in conductive polymer hydrogel composites and nanocomposites for flexible electrochemical supercapacitors. <i>Chemical Communications</i> , 2021 ,	5.8	16
115	3D Printed, Solid-State Conductive Ionoelastomer as a Generic Building Block for Tactile Applications. <i>Advanced Materials</i> , 2021 , e2105996	24	7
114	Template-free construction of hollow mesoporous carbon spheres from a covalent triazine framework for enhanced oxygen electroreduction. <i>Journal of Colloid and Interface Science</i> , 2021 ,	9.3	6
113	Highly Stretchable, Fast Self-Healing, and Waterproof Fluorinated Copolymer Ionogels with Selectively Enriched Ionic Liquids for Human-Motion Detection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 49358-49368	9.5	14
112	Compressible and robust PANI sponge anchored with erected MXene flakes for human motion detection. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 151, 106671	8.4	9
111	Molten salt-confined pyrolysis towards carbon nanotube-backboned microporous carbon for high-energy-density and durable supercapacitor electrodes. <i>Nanotechnology</i> , 2021 , 32, 095605	3.4	4
110	Ultrasound-Triggered Assembly of Covalent Triazine Framework for Synthesizing Heteroatom-Doped Carbon Nanoflowers Boosting Metal-Free Bifunctional Electrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 13328-13337	9.5	22
109	Stretchable and self-healing polyvinyl alcohol/cellulose nanofiber nanocomposite hydrogels for strain sensors with high sensitivity and linearity. <i>Composites Communications</i> , 2021 , 24, 100677	6.7	18
108	Polyaniline-decorated 3D carbon porous network with excellent electrolyte wettability and high energy density for supercapacitors. <i>Composites Communications</i> , 2021 , 24, 100610	6.7	9
107	Highly Stretchable and Reconfigurable Ionogels with Unprecedented Thermoplasticity and Ultrafast Self-Healability Enabled by Gradient-Responsive Networks. <i>Macromolecules</i> , 2021 , 54, 3832-3844	5.5	15
106	Dense Hydrogen-Bonding Network Boosts Ionic Conductive Hydrogels with Extremely High Toughness, Rapid Self-Recovery, and Autonomous Adhesion for Human-Motion Detection. <i>Research</i> , 2021 , 2021, 9761625	7.8	14
105	Hydrogen-bonded network enables semi-interpenetrating ionic conductive hydrogels with high stretchability and excellent fatigue resistance for capacitive/resistive bimodal sensors. <i>Chemical Engineering Journal</i> , 2021 , 411, 128506	14.7	43

104	Wet-spinning of ionic liquid@elastomer coaxial fibers with high stretchability and wide temperature resistance for strain sensors. <i>Composites Communications</i> , 2021 , 25, 100693	6.7	9
103	Extremely stretchable and healable ionic conductive hydrogels fabricated by surface competitive coordination for human-motion detection. <i>Chemical Engineering Journal</i> , 2021 , 420, 127637	14.7	20
102	Superelastic, Fatigue-Resistant, and Flame-Retardant Spongy Conductor for Human Motion Detection against a Harsh High-Temperature Condition. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 7580-7591	9.5	8
101	Hydrogen-bonded network enables polyelectrolyte complex hydrogels with high stretchability, excellent fatigue resistance and self-healability for human motion detection. <i>Composites Part B: Engineering</i> , 2021 , 217, 108901	10	20
100	Polyimide Nanofiber-Reinforced TiCT Aerogel with "Lamella-Pillar" Microporosity for High-Performance Piezoresistive Strain Sensing and Electromagnetic Wave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47134-47146	9.5	18
99	Automatically Modulated Thermoresponsive Film Based on a Phase-Changing Copolymer. <i>Chemistry of Materials</i> , 2021 , 33, 7232-7241	9.6	4
98	Ultra-highly stretchable and anisotropic SEBS/F127 fiber films equipped with an adaptive deformable carbon nanotube layer for dual-mode strain sensing. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 18294-18305	13	14
97	Dopamine-Triggered Hydrogels with High Transparency, Self-Adhesion, and Thermoresponse as Skinlike Sensors. <i>ACS Nano</i> , 2021 , 15, 1785-1794	16.7	63
96	Metallogel-derived 3D porous carbon nanosheet composites as an electrocatalyst for oxygen reduction reaction. <i>Composites Communications</i> , 2020 , 20, 100376	6.7	15
95	3D honeycombed cobalt, nitrogen co-doped carbon nanosheets via hypersaline-protected pyrolysis towards efficient oxygen reduction. <i>Nanotechnology</i> , 2020 , 31, 364003	3.4	7
94	Polyaniline engineering defect-induced nitrogen doped carbon-supported Co ₃ O ₄ hybrid composite as a high-efficiency electrocatalyst for oxygen evolution reaction. <i>Applied Surface Science</i> , 2020 , 526, 146626	6.7	11
93	Nitrogen-doped hollow carbon nanoflowers from a preformed covalent triazine framework for metal-free bifunctional electrocatalysis. <i>Nanoscale</i> , 2020 , 12, 14441-14447	7.7	20
92	Conducting Polymer-Based Composite Materials for Therapeutic Implantations: From Advanced Drug Delivery System to Minimally Invasive Electronics. <i>International Journal of Polymer Science</i> , 2020 , 2020, 1-16	2.4	8
91	Emerging Dual-Channel Transition-Metal-Oxide Quasiaerogels by Self-Embedded Templating. <i>Advanced Functional Materials</i> , 2020 , 30, 2000024	15.6	25
90	Fluorine and Nitrogen Dual-Doped Porous Carbon Nanosheet-Enabled Compact Electrode Structure for High Volumetric Energy Storage. <i>ACS Applied Energy Materials</i> , 2020 , 3, 4949-4957	6.1	19
89	Cryopolymerization enables anisotropic polyaniline hybrid hydrogels with superelasticity and highly deformation-tolerant electrochemical energy storage. <i>Nature Communications</i> , 2020 , 11, 62	17.4	98
88	Metal-Free Multi-Heteroatom-Doped Carbon Bifunctional Electrocatalysts Derived from a Covalent Triazine Polymer. <i>Small</i> , 2020 , 16, e2004342	11	40
87	Encapsulation of Co-based nanoparticle in N-doped graphitic carbon for efficient oxygen reduction reaction. <i>Carbon</i> , 2020 , 156, 31-37	10.4	21

86	2D nanosheet-constructed hybrid nanofillers for polymer nanocomposites with synergistic dispersion and function. <i>APL Materials</i> , 2019 , 7, 080904	5.7	10
85	Assembly of 2D graphene sheets and 3D carbon nanospheres into flexible composite electrodes for high-performance supercapacitors. <i>Composites Communications</i> , 2019 , 12, 117-122	6.7	16
84	Cobalt nanoparticle-embedded nitrogen-doped carbon/carbon nanotube frameworks derived from a metal-organic framework for tri-functional ORR, OER and HER electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 3664-3672	13	154
83	Nitrogen Boosts Defective Vanadium Oxide from Semiconducting to Metallic Merit. <i>Small</i> , 2019 , 15, e1900583	9	9
82	Nitrogen-Doped Carbon Polyhedra Nanopapers: An Advanced Binder-Free Electrode for High-Performance Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5240-5248	8.3	21
81	Confined sulfidation strategy toward cobalt sulfide@nitrogen, sulfur co-doped carbon core-shell nanocomposites for lithium-ion battery anodes. <i>Composites Communications</i> , 2019 , 15, 162-167	6.7	19
80	Self-Templated Conversion of Metallogel into Heterostructured TMP@Carbon Quasiaerogels Boosting Bifunctional Electrocatalysis. <i>Advanced Functional Materials</i> , 2019 , 29, 1903660	15.6	66
79	Solvent-Exchange Strategy toward Aqueous Dispersible MoS Nanosheets and Their Nitrogen-Rich Carbon Sphere Nanocomposites for Efficient Lithium/Sodium Ion Storage. <i>Small</i> , 2019 , 15, e1903816	11	24
78	Molecular-engineered hybrid carbon nanofillers for thermoplastic polyurethane nanocomposites with high mechanical strength and toughness. <i>Composites Part B: Engineering</i> , 2019 , 177, 107381	10	22
77	Stereoselectively Assembled Metal-Organic Framework (MOF) Host for Catalytic Synthesis of Carbon Hybrids for Alkaline-Metal-Ion Batteries. <i>Angewandte Chemie</i> , 2019 , 131, 5361-5365	3.6	21
76	Stereoselectively Assembled Metal-Organic Framework (MOF) Host for Catalytic Synthesis of Carbon Hybrids for Alkaline-Metal-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5307-5311	16.4	53
75	Coaxial-cable hierarchical tubular MnO@FeO@C heterostructures as advanced anodes for lithium-ion batteries. <i>Nanotechnology</i> , 2019 , 30, 094002	3.4	3
74	Synthesis and electrochemical performance of core-shell NiCo ₂ S ₄ @nitrogen, sulfur dual-doped carbon composites via confined sulfidation strategy in a polydopamine nanoreactor. <i>Composites Communications</i> , 2019 , 12, 74-79	6.7	7
73	Reaction Packaging CoSe Nanoparticles in N-Doped Carbon Polyhedra with Bifunctionality for Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3372-3381	9.5	49
72	Cobalt, Nitrogen-Doped Porous Carbon Nanosheet-Assembled Flowers from Metal-Coordinated Covalent Organic Polymers for Efficient Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 1384-1393	9.5	36
71	Efficient Hydrogen Production on a 3D Flexible Heterojunction Material. <i>Advanced Materials</i> , 2018 , 30, e1707082	24	124
70	Polyaniline/graphene nanocomposites towards high-performance supercapacitors: A review. <i>Composites Communications</i> , 2018 , 8, 83-91	6.7	87
69	High-temperature solvent-free sulfidation of MoO confined in a polypyrrole shell: MoS nanosheets encapsulated in a nitrogen, sulfur dual-doped carbon nanoprism for efficient lithium storage. <i>Nanoscale</i> , 2018 , 10, 7536-7543	7.7	30

68	Simultaneous growth of carbon nanotubes on inner/outer surfaces of porous polyhedra: Advanced sulfur hosts for lithium-sulfur batteries. <i>Nano Research</i> , 2018 , 11, 6155-6166	10	26
67	Sandwich-structured composite separators with an anisotropic pore architecture for highly safe Li-ion batteries. <i>Composites Communications</i> , 2018 , 8, 46-51	6.7	18
66	Poly (L-Glutamic Acid) Promotes Enhanced Dechlorination of p-Chlorophenol by Fe-Pd Nanoparticles. <i>Nanoscale Research Letters</i> , 2018 , 13, 219	5	6
65	A biomimetic <i>Setaria viridis</i> -inspired electrode with polyaniline nanowire arrays aligned on MoO ₃ @polypyrrole core-shell nanobelts. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 13428-13437	13	34
64	Carbon Nanotube with Vertical 2D Molybdenum Sulphoselenide Nanosheet Arrays for Boosting Electrocatalytic Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , 2018 , 1, 7035-7045	6.1	20
63	Plasma-Assisted Synthesis of NiSe Ultrathin Porous Nanosheets with Selenium Vacancies for Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 41861-41865	9.5	59
62	Palladium/Graphitic Carbon Nitride (g-C ₃ N ₄) Stabilized Emulsion Microreactor as a Store for Hydrogen from Ammonia Borane for Use in Alkene Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14857-14861	16.4	85
61	Hierarchical Nanostructures of Nitrogen-Doped Porous Carbon Polyhedrons Confined in Carbon Nanosheets for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 19871-19880	9.5	41
60	Self-Assembled Mesoporous Carbon Nitride with Tunable Texture for Enhanced Visible-Light Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 8291-8299	8.3	32
59	General solution-processed formation of porous transition-metal oxides on exfoliated molybdenum disulfides for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 11236-11245	13	75
58	Supramolecular Assembly of 1D Pristine Carbon Nanotubes and 2D Graphene Oxides into Macroscopic All-Carbon Hybrid Sponges for High-Energy-Density Supercapacitors. <i>ChemNanoMat</i> , 2017 , 3, 447-453	3.5	10
57	From Millimeter to Subnanometer: Vapor-Solid Deposition of Carbon Nitride Hierarchical Nanostructures Directed by Supramolecular Assembly. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8426-8430	16.4	66
56	Interlayer-Expanded Metal Sulfides on Graphene Triggered by a Molecularly Self-Promoting Process for Enhanced Lithium Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 40317-40323	9.5	26
55	Leaf-inspired interwoven carbon nanosheet/nanotube homostructures for supercapacitors with high energy and power densities. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19997-20004	13	41
54	MoSe Nanosheet Array with Layered MoS ₂ Heterostructures for Superior Hydrogen Evolution and Lithium Storage Performance. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 44550-44559	9.5	73
53	Hybridizing Carbon Nitride Colloids with a Shell of Water-Soluble Conjugated Polymers for Tunable Full-Color Emission and Synergistic Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43966-43974	9.5	20
52	Conducting polymer composites: material synthesis and applications in electrochemical capacitive energy storage. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 251-268	7.8	122
51	Constructing a Pizza-Like MoS ₂ /Polypyrrole/Polyaniline Ternary Architecture with High Energy Density and Superior Cycling Stability for Supercapacitors. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600685	4.6	36

50	Self-Templated Growth of Vertically Aligned 2H-1T MoS for Efficient Electrocatalytic Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 31702-31708	9.5	108
49	Highly Efficient Electrocatalysts for Oxygen Reduction Reaction Based on 1D Ternary Doped Porous Carbons Derived from Carbon Nanotube Directed Conjugated Microporous Polymers. <i>Advanced Functional Materials</i> , 2016 , 26, 8255-8265	15.6	55
48	Highly ordered graphene architectures by duplicating melamine sponges as a three-dimensional deformation-tolerant electrode. <i>Nano Research</i> , 2016 , 9, 2938-2949	10	46
47	Supercapacitive energy storage performance of molybdenum disulfide nanosheets wrapped with microporous carbons. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 3097-3102	13	65
46	Graphene/carbon aerogels derived from graphene crosslinked polyimide as electrode materials for supercapacitors. <i>RSC Advances</i> , 2015 , 5, 1301-1308	3.7	74
45	Hierarchically Organized Nanocomposites Derived from Low-dimensional Nanomaterials for Efficient Removal of Organic Pollutants. <i>Current Organic Chemistry</i> , 2015 , 19, 498-511	1.7	5
44	One-step synthesis of graphene nanoribbon-MnO ₂ hybrids and their all-solid-state asymmetric supercapacitors. <i>Nanoscale</i> , 2014 , 6, 4233-42	7.7	166
43	Simultaneous reinforcement and toughening of polyurethane composites with carbon nanotube/halloysite nanotube hybrids. <i>Composites Science and Technology</i> , 2014 , 91, 98-103	8.6	58
42	Carbon Nanotube-Based Hybrid Materials and Their Polymer Composites 2014 , 239-277		1
41	Surface modifications of halloysite nanotubes with superparamagnetic Fe ₃ O ₄ nanoparticles and carbonaceous layers for efficient adsorption of dyes in water treatment. <i>Chemical Research in Chinese Universities</i> , 2014 , 30, 971-977	2.2	29
40	Supercritical carbon dioxide assisted deposition of Fe ₃ O ₄ nanoparticles on hierarchical porous carbon and their lithium-storage performance. <i>Chemistry - A European Journal</i> , 2014 , 20, 4308-15	4.8	45
39	Blood Ties: Co ₃ O ₄ Decorated Blood Derived Carbon as a Superior Bifunctional Electrocatalyst. <i>Advanced Functional Materials</i> , 2014 , 24, 7655-7665	15.6	105
38	Ni-doped graphene/carbon cryogels and their applications as versatile sorbents for water purification. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 7584-91	9.5	111
37	Hierarchical composites of polyaniline-graphene nanoribbons-carbon nanotubes as electrode materials in all-solid-state supercapacitors. <i>Nanoscale</i> , 2013 , 5, 7312-20	7.7	161
36	Exfoliated MoS ₂ nanosheets as efficient catalysts for electrochemical hydrogen evolution. <i>Electrochimica Acta</i> , 2013 , 109, 269-275	6.7	113
35	Nonenzymatic sensor for glucose based on a glassy carbon electrode modified with Ni(OH) ₂ nanoparticles grown on a film of molybdenum sulfide. <i>Mikrochimica Acta</i> , 2013 , 180, 1127-1134	5.8	41
34	Magnetic nanomaterial derived from graphene oxide/layered double hydroxide hybrid for efficient removal of methyl orange from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2013 , 408, 25-32	9.3	98
33	One-pot hydrothermal synthesis and reusable oil-adsorbing properties of porous carbonaceous monoliths using multi-walled carbon nanotubes as templates. <i>RSC Advances</i> , 2013 , 3, 14938	3.7	13

32	All-carbon composite paper as a flexible conducting substrate for the direct growth of polyaniline particles and its applications in supercapacitors. <i>Polymer Chemistry</i> , 2013 , 4, 5785	4.9	29
31	Carbon nanotubes bridged with graphene nanoribbons and their use in high-efficiency dye-sensitized solar cells. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3996-9	16.4	177
30	Graphene-wrapped polyaniline hollow spheres as novel hybrid electrode materials for supercapacitor applications. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 3382-91	9.5	288
29	One-step hybridization of graphene nanoribbons with carbon nanotubes and its strong-yet-ductile thermoplastic polyurethane composites. <i>Polymer</i> , 2013 , 54, 3124-3130	3.9	49
28	Synthesis of the multi-walled carbon nanotubes-COOH/graphene/gold nanoparticles nanocomposite for simple determination of Bilirubin in human blood serum. <i>Sensors and Actuators B: Chemical</i> , 2013 , 185, 337-344	8.5	56
27	Fabrication of electrically conductive graphene/polystyrene composites via a combination of latex and layer-by-layer assembly approaches. <i>Journal of Materials Research</i> , 2013 , 28, 611-619	2.5	33
26	A review on hybridization modification of graphene and its polymer nanocomposites. <i>Science Bulletin</i> , 2012 , 57, 3010-3021		42
25	Immobilization of Co-Al layered double hydroxides on graphene oxide nanosheets: growth mechanism and supercapacitor studies. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 2242-9	9.5	171
24	Hybridization of graphene sheets and carbon-coated Fe ₃ O ₄ nanoparticles as a synergistic adsorbent of organic dyes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 25108		195
23	Facile preparation of water-dispersible graphene sheets stabilized by acid-treated multi-walled carbon nanotubes and their poly(vinyl alcohol) composites. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2427-2434 ¹⁵⁶		
22	Polymorphism of electrospun polyvinylidene difluoride/carbon nanotube (CNT) nanocomposites: Synergistic effects of CNT surface chemistry, extensional force and supercritical carbon dioxide treatment. <i>Polymer</i> , 2012 , 53, 5097-5102	3.9	19
21	A novel approach for transferring water-dispersible graphene nanosheets into organic media. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11748		23
20	Functionalization of graphene and grafting of temperature-responsive surfaces from graphene by ATRP in water. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	35
19	The preparation of graphene hybrid films decorated with poly[2-methoxy-5-(2-ethyl-hexyloxy)-1,4-phenylene vinylene] particles prepared by non-solvent induced precipitation. <i>Carbon</i> , 2012 , 50, 216-224	10.4	26
18	Facile fabrication of functionalized graphene sheets (FGS)/ZnO nanocomposites with photocatalytic property. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 2779-85	9.5	172
17	Water dispersible graphene noncovalently functionalized with tryptophan and its poly(vinyl alcohol) nanocomposite. <i>Composites Part B: Engineering</i> , 2011 , 42, 2130-2135	10	117
16	Aqueous stabilization of graphene sheets using exfoliated montmorillonite nanoplatelets for multifunctional free-standing hybrid films via vacuum-assisted self-assembly. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18011		70
15	Dramatically enhanced mechanical performance of nylon-6 magnetic composites with nanostructured hybrid one-dimensional carbon nanotube-two-dimensional clay nanoplatelet heterostructures. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 3392-9	3.4	80

14	Structural characterization, thermal and mechanical properties of polyurethane/CoAl layered double hydroxide nanocomposites prepared via in situ polymerization. <i>Composites Science and Technology</i> , 2011 , 71, 791-796	8.6	65
13	Preparation and characterization of organic-inorganic hybrid nanomaterials using polyurethane-b-poly[3-(trimethoxysilyl) propyl methacrylate] via RAFT polymerization. <i>EXPRESS Polymer Letters</i> , 2010 , 4, 17-25	3.4	19
12	Graphene Oxide-Assisted Dispersion of Pristine Multiwalled Carbon Nanotubes in Aqueous Media. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 11435-11440	3.8	272
11	Facile fabrication of polystyrene/carbon nanotube composite nanospheres with core-shell structure via self-assembly. <i>Polymer</i> , 2010 , 51, 3715-3721	3.9	20
10	Layer-by-layer self-assembly of polyimide precursor/layered double hydroxide ultrathin films. <i>Thin Solid Films</i> , 2010 , 518, 7081-7085	2.2	20
9	Preparation, morphology, and biolabeling of fluorescent nanoparticles based on conjugated polymers by emulsion polymerization. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4867-4874	2.5	17
8	Multiwalled carbon nanotube nucleated crystallization behavior of biodegradable poly(butylene succinate) nanocomposites. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 2938-2945	2.9	36
7	Synthesis, characterization and self-assembly behavior in water as fluorescent sensors of cationic water-soluble conjugated polyfluorene-b-poly(N-isopropylacrylamide) diblock copolymers. <i>Polymer</i> , 2009 , 50, 1236-1245	3.9	23
6	Preparation and Characterization of Polyurethane/Multiwalled Carbon Nanotube Composites. <i>Polymers and Polymer Composites</i> , 2008 , 16, 501-507	0.8	22
5	Spatial Adjustment Strategy to Improve the Sensitivity of Ionogels for Flexible Sensors. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 2200035	2.6	1
4	Cryo-spun encapsulation of polyaniline-based conducting hydrogels with high sensitivity, wide-range linearity, and environmental stability for fibrous strain sensors. <i>Journal of Polymer Science</i> , 2008 , 43, 1155-1162	2.4	1
3	Compressible and Lightweight MXene/Carbon Nanofiber Aerogel with Layer-Strut Bracing Microscopic Architecture for Efficient Energy Storage. <i>Advanced Fiber Materials</i> , 2018 , 10, 1-10	10.9	2
2	Highly stretchable and self-healable ionogels with multiple sensitivity towards compression, strain and moisture for skin-inspired ionic sensors. <i>Science China Materials</i> , 2017 , 10, 1-10	7.1	3
1	A Waterproof Ion-Conducting Fluorinated Elastomer with 6000% Stretchability, Superior Ionic Conductivity, and Harsh Environment Tolerance. <i>Advanced Functional Materials</i> , 2017 , 27, 1700001	15.6	10