

Shaohua Jiang

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.

135 papers	6,334 citations	47 h-index	75 g-index
145 ext. papers	8,251 ext. citations	6.9 avg, IF	6.7 L-index

#	Paper	IF	Citations
135	Excellent fluoride removal performance by electrospun LaMn bimetal oxide nanofibers. <i>New Journal of Chemistry</i> , 2022 , 46, 490-497	3.6	8
134	An Electrospinning Anisotropic Hydrogel with Remotely-Controlled Photo-Responsive Deformation and Long-Range Navigation for Synergist Actuation. <i>Chemical Engineering Journal</i> , 2022 , 433, 134258	14.7	7
133	Recent progress in template-assisted synthesis of porous carbons for supercapacitors 2022 , 1, 100018		13
132	Preparation of Porous Activated Carbon Materials and Their Application in Supercapacitors. <i>Engineering Materials</i> , 2022 , 587-612	0.4	0
131	Anisotropic cellulose nanofibril composite sponges for electromagnetic interference shielding with low reflection loss. <i>Carbohydrate Polymers</i> , 2022 , 276, 118799	10.3	17
130	Electrospun TaC/Fe ₃ C/Be carbon composite fabrics for high efficiency of electromagnetic interference shielding. <i>Composites Communications</i> , 2022 , 31, 101130	6.7	4
129	Lightweight and anisotropic cellulose nanofibril/rectorite composite sponges for efficient dye adsorption and selective separation.. <i>International Journal of Biological Macromolecules</i> , 2022 , 207, 130-139	7.9	5
128	Biomass carbon materials with porous array structures derived from soybean dregs for effective electromagnetic wave absorption. <i>Diamond and Related Materials</i> , 2022 , 126, 109054	3.5	0
127	Wood-Derived High-Mass-Loading MnO Composite Carbon Electrode Enabling High Energy Density and High-Rate Supercapacitor.. <i>Small</i> , 2022 , e2201307	11	2
126	Nanocellulose and its derived composite electrodes toward supercapacitors: Fabrication, properties, and challenges. <i>Journal of Bioresources and Bioproducts</i> , 2022 ,	18.7	17
125	Electrospun magnetic La ₂ O ₃ /TeO ₂ /Fe ₃ O ₄ composite nanofibers for removal of fluoride from aqueous solution. <i>Composites Communications</i> , 2022 , 33, 101194	6.7	2
124	Recent advances in carbon substrate supported nonprecious nanoarrays for electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 25773-25795	13	10
123	Enhanced visible light photocatalytic efficiency of La-doped ZnO nanofibers via electrospinning-calcination technology 2021 ,		34
122	Intertwined carbon networks derived from Polyimide/Cellulose composite as porous electrode for symmetrical supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2021 , 609, 179-187	9.3	9
121	Extraction and characterization of novel ultrastrong and tough natural cellulosic fiber bundles from manau rattan (Calamus manan). <i>Industrial Crops and Products</i> , 2021 , 173, 114103	5.9	4
120	Influence of pre-oxidation on mechanical properties of single electrospun polyacrylonitrile nanofiber. <i>Materials Today Communications</i> , 2021 , 26, 102069	2.5	3
119	Water molecule-induced hydrogen bonding between cellulose nanofibers toward highly strong and tough materials from wood aerogel. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	10

118	3D printing hydrogels for actuators: A review. <i>Chinese Chemical Letters</i> , 2021 , 32, 2923-2923	8.1	16
117	Electrospun fiber membrane with asymmetric NO release for the differential regulation of cell growth. <i>Bio-Design and Manufacturing</i> , 2021 , 4, 469-478	4.7	5
116	Electrospun fibrous materials and their applications for electromagnetic interference shielding: A review. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 143, 106309	8.4	50
115	Comparison of the heteroatoms-doped biomass-derived carbon prepared by one-step nitrogen-containing activator for high performance supercapacitor. <i>Diamond and Related Materials</i> , 2021 , 114, 108316	3.5	13
114	Hydrothermal Synthesis of Ce-doped ZnO Heterojunction Supported on Carbon Nanofibers with High Visible Light Photocatalytic Activity. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 565-570	2.2	12
113	Electrode thickness design toward bulk energy storage devices with high areal/volumetric energy density. <i>Applied Energy</i> , 2021 , 289, 116734	10.7	13
112	Pyrolysis of Enzymolysis-Treated Wood: Hierarchically Assembled Porous Carbon Electrode for Advanced Energy Storage Devices. <i>Advanced Functional Materials</i> , 2021 , 31, 2101077	15.6	26
111	Phosphorus-doped thick carbon electrode for high-energy density and long-life supercapacitors. <i>Chemical Engineering Journal</i> , 2021 , 414, 128767	14.7	34
110	Porous aerogel and sponge composites: Assisted by novel nanomaterials for electromagnetic interference shielding. <i>Nano Today</i> , 2021 , 38, 101204	17.9	33
109	Core effect on mechanical properties of one dimensional electrospun core-sheath composite fibers. <i>Composites Communications</i> , 2021 , 25, 100773	6.7	8
108	Anisotropy-functionalized cellulose-based phase change materials with reinforced solar-thermal energy conversion and storage capacity. <i>Chemical Engineering Journal</i> , 2021 , 415, 129086	14.7	37
107	Wood-Derived, Conductivity and Hierarchical Pore Integrated Thick Electrode Enabling High Areal/Volumetric Energy Density for Hybrid Capacitors. <i>Small</i> , 2021 , 17, e2102532	11	15
106	Camellia Pollen-Derived Carbon with Controllable N Content for High-Performance Supercapacitors by Ammonium Chloride Activation and Dual N-Doping. <i>ChemNanoMat</i> , 2021 , 7, 34-43	3.5	14
105	Hierarchical porous Co ₃ O ₄ nanocages with elaborate microstructures derived from ZIF-67 toward lithium storage. <i>Vacuum</i> , 2021 , 184, 109879	3.7	13
104	Recent progress in carbon-based materials for supercapacitor electrodes: a review. <i>Journal of Materials Science</i> , 2021 , 56, 173-200	4.3	150
103	Recent Progress on Nanocellulose Aerogels: Preparation, Modification, Composite Fabrication, Applications. <i>Advanced Materials</i> , 2021 , 33, e2005569	24	101
102	Impregnation of poplar wood with multi-functional composite modifier and induction of in-situ polymerization by heating. <i>Journal of Wood Chemistry and Technology</i> , 2021 , 41, 220-228	2	5
101	Hydrogen-Bonding-Aided Fabrication of Wood Derived Cellulose Scaffold/Aramid Nanofiber into High-Performance Bulk Material. <i>Materials</i> , 2021 , 14,	3.5	5

100	Nitrogen, sulfur co-doped hierarchical carbon encapsulated in graphene with "sphere-in-layer" interconnection for high-performance supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2021 , 599, 443-452	9.3	23
99	Flexible TaC/C electrospun non-woven fabrics with multiple spatial-scale conductive frameworks for efficient electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 106662	8.4	5
98	Highly flexible carbon nanotubes/aramid nanofibers composite papers with ordered and layered structures for efficient electromagnetic interference shielding. <i>Composites Communications</i> , 2021 , 27, 100879	6.7	16
97	Liquid Transport and Real-Time Dye Purification Lotus Petiole-Inspired Long-Range-Ordered Anisotropic Cellulose Nanofibril Aerogels. <i>ACS Nano</i> , 2021 ,	16.7	15
96	Giving Penetrable Remote-Control Ability to Thermoresponsive Fibrous Composite Actuator with Fast Response Induced by Alternative Magnetic Field.. <i>Nanomaterials</i> , 2021 , 12,	5.4	1
95	Freezing-Extraction/Vacuum-Drying Method for Robust and Fatigue-Resistant Polyimide Fibrous Aerogels and Their Composites with Enhanced Fire Retardancy. <i>Engineering</i> , 2021 ,	9.7	2
94	A flame-retardant and transparent wood/polyimide composite with excellent mechanical strength. <i>Composites Communications</i> , 2020 , 20, 100355	6.7	35
93	Ultra-thin and highly flexible cellulose nanofiber/silver nanowire conductive paper for effective electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 135, 105960	8.4	77
92	Base-Mediated Amination of Alcohols Using Amidines. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7728-7738	4.2	10
91	Electrospinning of ABS nanofibers and their high filtration performance. <i>Advanced Fiber Materials</i> , 2020 , 2, 34-43	10.9	19
90	High-density Fibrous Polyimide Sponges with Superior Mechanical and Thermal Properties. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 19006-19014	9.5	66
89	Self-Adhesive Polyimide (PI)@Reduced Graphene Oxide (RGO)/PI@Carbon Nanotube (CNT) Hierarchically Porous Electrodes: Maximizing the Utilization of Electroactive Materials for Organic Li-Ion Batteries. <i>Energy Technology</i> , 2020 , 8, 2000397	3.5	11
88	Fatsia Japonica-Derived Hierarchical Porous Carbon for Supercapacitors With High Energy Density and Long Cycle Life. <i>Frontiers in Chemistry</i> , 2020 , 8, 89	5	14
87	N-doped honeycomb-like porous carbon towards high-performance supercapacitor. <i>Chinese Chemical Letters</i> , 2020 , 31, 1986-1990	8.1	55
86	Electrospun Functional Materials toward Food Packaging Applications: A Review. <i>Nanomaterials</i> , 2020 , 10,	5.4	94
85	MnO ₂ mediated sequential oxidation/olefination of alkyl-substituted heteroarenes with alcohols. <i>Tetrahedron</i> , 2020 , 76, 130968	2.4	11
84	Ionic liquid-induced nanoporous structures of polymer films. <i>Chemical Communications</i> , 2020 , 56, 3054-3057	3.7	36
83	Dielectric, mechanical and thermal properties of all-organic PI/PSF composite films by in situ polymerization. <i>E-Polymers</i> , 2020 , 20, 226-232	2.7	24

82	Carbonization: A feasible route for reutilization of plastic wastes. <i>Science of the Total Environment</i> , 2020 , 710, 136250	10.2	53
81	Wood-Inspired Anisotropic Cellulose Nanofibril Composite Sponges for Multifunctional Applications. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35513-35522	9.5	77
80	Multi-walled carbon nanotubes decrease neuronal NO synthase in 3D brain organoids. <i>Science of the Total Environment</i> , 2020 , 748, 141384	10.2	16
79	Robust Superamphiphobic Coatings Based on Raspberry-like Hollow SnO Composites. <i>Langmuir</i> , 2020 , 36, 11044-11053	4	48
78	Two Growth Mechanisms of Thiol-Capped Gold Nanoparticles Controlled by Ligand Chemistry. <i>Langmuir</i> , 2019 , 35, 12130-12138	4	16
77	Thioetherimide-Modified Cyanate Ester Resin with Better Molding Performance for Glass Fiber Reinforced Composites. <i>Polymers</i> , 2019 , 11,	4.5	14
76	High-performance polyamide-imide films and electrospun aligned nanofibers from an amide-containing diamine. <i>Journal of Materials Science</i> , 2019 , 54, 6719-6727	4.3	60
75	Nanofibrous Structures 2019 , 93-122		5
74	Anisotropic nanocellulose aerogels with ordered structures fabricated by directional freeze-drying for fast liquid transport. <i>Cellulose</i> , 2019 , 26, 6653-6667	5.5	66
73	Direct Ink Writing of Flexible Electronics on Paper Substrate with Graphene/Polypyrrole/Carbon Black Ink. <i>Journal of Electronic Materials</i> , 2019 , 48, 3157-3168	1.9	9
72	Superior mechanical enhancement of epoxy composites reinforced by polyimide nanofibers via a vacuum-assisted hot-pressing. <i>Composites Science and Technology</i> , 2019 , 174, 20-26	8.6	54
71	Virtually Wall-Less Tubular Sponges as Compartmentalized Reaction Containers. <i>Research</i> , 2019 , 2019, 4152536	7.8	4
70	Progress in the Field of Water- and/or Temperature-Triggered Polymer Actuators. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1800548	3.9	56
69	Stimuli-responsive bio-based polymeric systems and their applications. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 709-729	7.3	387
68	Mechanically strong sulfonated polybenzimidazole PEMs with enhanced proton conductivity. <i>Materials Letters</i> , 2019 , 234, 354-356	3.3	42
67	Polymer-Based Nanocomposites with High Dielectric Permittivity 2019 , 201-243		8
66	Low Density, Thermally Stable, and Intrinsic Flame Retardant Poly(bis(benzimidazo)Benzophenanthroline-dione) Sponge. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700615	3.9	35
65	Composite Polymeric Membranes with Directionally Embedded Fibers for Controlled Dual Actuation. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800082	4.8	39

64	Electrospun nanofiber reinforced composites: a review. <i>Polymer Chemistry</i> , 2018 , 9, 2685-2720	4.9	336
63	Polymer nanofibre composite nonwovens with metal-like electrical conductivity. <i>Npj Flexible Electronics</i> , 2018 , 2,	10.7	23
62	Nanofibers with diameter below one nanometer from electrospinning.. <i>RSC Advances</i> , 2018 , 8, 4794-4803	3.7	87
61	Low-Density Self-Assembled Poly(N-Isopropyl Acrylamide) Sponges with Ultrahigh and Extremely Fast Water Uptake and Release. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1700838	4.8	44
60	Temperature-induced molecular orientation and mechanical properties of single electrospun polyimide nanofiber. <i>Materials Letters</i> , 2018 , 216, 81-83	3.3	70
59	Molecular orientation in aligned electrospun polyimide nanofibers by polarized FT-IR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 200, 339-344	4.4	44
58	Nanocellulose-Mediated Electroconductive Self-Healing Hydrogels with High Strength, Plasticity, Viscoelasticity, Stretchability, and Biocompatibility toward Multifunctional Applications. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27987-28002	9.5	296
57	Durable superhydrophobic and superoleophilic electrospun nanofibrous membrane for oil-water emulsion separation. <i>Journal of Colloid and Interface Science</i> , 2018 , 532, 12-23	9.3	113
56	Microstructures and mechanical properties of aligned electrospun carbon nanofibers from binary composites of polyacrylonitrile and polyamic acid. <i>Journal of Materials Science</i> , 2018 , 53, 15096-15106	4.3	107
55	PTX-loaded three-layer PLGA/CS/ALG nanoparticle based on layer-by-layer method for cancer therapy. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018 , 29, 1566-1578	3.5	16
54	Superlithiation of non-conductive polyimide toward high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 21216-21224	13	86
53	Green Electrospun Nanofibers and Their Application in Air Filtration. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1800336	3.9	181
52	Ultrafine hollow TiO ₂ nanofibers from core-shell composite fibers and their photocatalytic properties. <i>Composites Communications</i> , 2018 , 9, 76-80	6.7	48
51	Tailoring the Morphology of Responsive Bioinspired Bicomponent Fibers. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700248	3.9	22
50	Highly foldable PANi@CNTs/PU dielectric composites toward thin-film capacitor application. <i>Materials Letters</i> , 2017 , 192, 25-28	3.3	84
49	Spongy Gels by a Top-Down Approach from Polymer Fibrous Sponges. <i>Angewandte Chemie</i> , 2017 , 129, 3333-3336	3.6	16
48	Spongy Gels by a Top-Down Approach from Polymer Fibrous Sponges. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3285-3288	16.4	52
47	Poly(amino acid)-Based Gel Fibers with pH Responsivity by Coaxial Reactive Electrospinning. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700147	4.8	56

46	High strength and high breaking load of single electrospun polyimide microfiber from water soluble precursor. <i>Materials Letters</i> , 2017 , 201, 82-84	3.3	60
45	Flexible and refractory tantalum carbide-carbon electrospun nanofibers with high modulus and electric conductivity. <i>Materials Letters</i> , 2017 , 200, 97-100	3.3	106
44	Offenzellige Schwämme mit niedrigen Dichten als Funktionsmaterialien. <i>Angewandte Chemie</i> , 2017 , 129, 15726-15745	3.6	7
43	Flexible hC-G reinforced polyimide composites with high dielectric permittivity. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017 , 101, 50-58	8.4	90
42	Low-Density Open Cellular Sponges as Functional Materials. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15520-15538	16.4	136
41	Ultralight, Thermally Insulating, Compressible Polyimide Fiber Assembled Sponges. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32308-32315	9.5	147
40	Exploration of Macroporous Polymeric Sponges As Drug Carriers. <i>Biomacromolecules</i> , 2017 , 18, 3215-3221	3.9	50
39	Exploration of the Electrical Conductivity of Double-Network Silver Nanowires/Polyimide Porous Low-Density Compressible Sponges. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 34286-34293	9.5	41
38	High permittivity nanocomposites fabricated from electrospun polyimide/BaTiO ₃ hybrid nanofibers. <i>Polymer Composites</i> , 2016 , 37, 794-801	3	54
37	Ultralight open cell polymer sponges with advanced properties by PPX CVD coating. <i>Polymer Chemistry</i> , 2016 , 7, 2759-2764	4.9	39
36	Mechanical properties and chemical resistance of electrospun polytetrafluoroethylene fibres. <i>RSC Advances</i> , 2016 , 6, 24250-24256	3.7	33
35	Flexible titanium carbide-carbon nanofibers with high modulus and high conductivity by electrospinning. <i>Materials Letters</i> , 2016 , 165, 91-94	3.3	30
34	Giving Direction to Motion and Surface with Ultra-Fast Speed Using Oriented Hydrogel Fibers. <i>Advanced Functional Materials</i> , 2016 , 26, 1021-1027	15.6	96
33	Polyimide Nanofibers by Green Electrospinning via Aqueous Solution for Filtration Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 4797-4804	8.3	104
32	Two-in-One Composite Fibers With Side-by-Side Arrangement of Silk Fibroin and Poly(L-lactide) by Electrospinning. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 48-55	3.9	36
31	Electrospun nanofiber reinforced all-organic PVDF/PI tough composites and their dielectric permittivity. <i>Materials Letters</i> , 2015 , 160, 515-517	3.3	40
30	Thermal, mechanical and thermomechanical properties of tough electrospun poly(imide-co-benzoxazole) nanofiber belts. <i>New Journal of Chemistry</i> , 2015 , 39, 7797-7804	3.6	22
29	Thermophilic films and fibers from photo cross-linkable UCST-type polymers. <i>Polymer Chemistry</i> , 2015 , 6, 2769-2776	4.9	37

28	Ultralight, Soft Polymer Sponges by Self-Assembly of Short Electrospun Fibers in Colloidal Dispersions. <i>Advanced Functional Materials</i> , 2015 , 25, 2850-2856	15.6	134
27	Hierarchical three-dimensional micro/nano-architecture of polyaniline nanowires wrapped-on polyimide nanofibers for high performance lithium-ion battery separators. <i>Journal of Power Sources</i> , 2015 , 299, 417-424	8.9	93
26	Single electrospun nanofiber and aligned nanofiber belts from copolyimide containing pyrimidine units. <i>New Journal of Chemistry</i> , 2015 , 39, 8956-8963	3.6	21
25	Free-standing mesoporous electrospun carbon nanofiber webs without activation and their electrochemical performance. <i>Materials Letters</i> , 2015 , 161, 587-590	3.3	21
24	Short electrospun carbon nanofiber reinforced polyimide composite with high dielectric permittivity. <i>Materials Letters</i> , 2015 , 161, 431-434	3.3	48
23	Mechanical performance of aligned electrospun polyimide nanofiber belt at high temperature. <i>Materials Letters</i> , 2015 , 140, 12-15	3.3	36
22	Unusual and Superfast Temperature-Triggered Actuators. <i>Advanced Materials</i> , 2015 , 27, 4865-70	24	200
21	Natural source derived carbon paper supported conducting polymer nanowire arrays for high performance supercapacitors. <i>RSC Advances</i> , 2015 , 5, 14441-14447	3.7	29
20	Facile synthesis, characterization and application of highly active palladium nano-network structures supported on electrospun carbon nanofibers. <i>RSC Advances</i> , 2014 , 4, 42732-42736	3.7	8
19	High performance polyimide-Yb complex with high dielectric constant and low dielectric loss. <i>Materials Letters</i> , 2014 , 133, 240-242	3.3	30
18	Polyimide/BaTiO ₃ /MWCNTs three-phase nanocomposites fabricated by electrospinning with enhanced dielectric properties. <i>Materials Letters</i> , 2014 , 135, 158-161	3.3	84
17	Mechanical flexible PI/MWCNTs nanocomposites with high dielectric permittivity by electrospinning. <i>European Polymer Journal</i> , 2014 , 59, 129-135	5.2	92
16	Highly flexible and tough concentric triaxial polystyrene fibers. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 5918-23	9.5	86
15	Modification of precursor polymer using co-polymerization: A good way to high performance electrospun carbon nanofiber bundles. <i>Materials Letters</i> , 2014 , 122, 178-181	3.3	29
14	High dielectric constant polyimide derived from 5,5'-bis[(4-amino) phenoxy]-2,2'-bipyrimidine. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	17
13	Heat-resistant polybenzoxazole nanofibers made by electrospinning. <i>European Polymer Journal</i> , 2014 , 50, 61-68	5.2	19
12	Template Assisted Change in Morphology from Particles to Nanofibers by Side-by-Side Electrospinning of Block Copolymers. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 1298-1305	3.9	12
11	Highly strong and highly tough electrospun polyimide/polyimide composite nanofibers from binary blend of polyamic acids. <i>RSC Advances</i> , 2014 , 4, 59936-59942	3.7	39

10	Short nylon-6 nanofiber reinforced transparent and high modulus thermoplastic polymeric composites. <i>Composites Science and Technology</i> , 2013 , 87, 164-169	8.6	53
9	Short electrospun polymeric nanofibers reinforced polyimide nanocomposites. <i>Composites Science and Technology</i> , 2013 , 88, 57-61	8.6	69
8	Tough and transparent nylon-6 electrospun nanofiber reinforced melamine-formaldehyde composites. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 2597-603	9.5	81
7	Novel layer-by-layer procedure for making nylon-6 nanofiber reinforced high strength, tough, and transparent thermoplastic polyurethane composites. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 4366-72	9.5	52
6	Heat and Solvent Resistant Electrospun Polybenzoxazole Nanofibers from Methoxy-Containing Polyaramide. <i>Journal of Nanomaterials</i> , 2010 , 2010, 1-5	3.2	12
5	Temperature-Dependent Electromagnetic Microwave Absorbing Characteristics of Stretchable Polyurethane Composite Foams with Ultrawide Bandwidth. <i>Advanced Engineering Materials</i> , 2101489	3.5	2
4	ZnCl ₂ regulate flax-based porous carbon fiber for long cycle stability supercapacitors. <i>New Journal of Chemistry</i> ,	3.6	9
3	Microstructures and electrochemical performances of TiO ₂ -coated MgZr co-doped NCM as a cathode material for lithium-ion batteries with high power and long circular life. <i>New Journal of Chemistry</i> ,	3.6	4
2	Molecular engineering of carbonyl organic electrodes for rechargeable metal-ion batteries: fundamentals, recent advances, and challenges. <i>Energy and Environmental Science</i> ,	35.4	24
1	Progress on organic potassium salts involved synthesis of porous carbon nanomaterials: microstructure engineering for advanced supercapacitors. <i>Nanoscale</i> ,	7.7	2