

# Haoqing Hou

## List of Publications by Year in descending order

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153  
papers

10,615  
citations

28274

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33894

99  
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153  
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153  
docs citations

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times ranked

11888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Freezing-Extraction/Vacuum-Drying Method for Robust and Fatigue-Resistant Polyimide Fibrous Aerogels and Their Composites with Enhanced Fire Retardancy. <i>Engineering</i> , 2023, 21, 152-161.	6.7	18
2	Improving cycle stability of Ni-rich LiNi <sub>0.8</sub> Mn <sub>0.1</sub> Co <sub>0.1</sub> O <sub>2</sub> cathode materials by Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> coating. <i>Ionics</i> , 2022, 28, 1047-1054.	2.4	4
3	Ultralight Heat-Insulating, Electrically Conductive Carbon Fibrous Sponges for Wearable Mechanosensing Devices with Advanced Warming Function. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 19918-19927.	8.0	9
4	The isothermal crystallization kinetics of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (glycol)-<i>block</i>-poly(<sc>P</sc> lengths of PEG and PLLA. <i>CrystEngComm</i> , 2022, 24, 3903-3912.	2.6	2
5	Synthesis and properties of PI composite films using carbon quantum dots as fillers. <i>E-Polymers</i> , 2022, 22, 577-584.	3.0	3
6	Recent progress in carbon-based materials for supercapacitor electrodes: a review. <i>Journal of Materials Science</i> , 2021, 56, 173-200.	3.7	474
7	The crystallization behavior of poly(L-lactide)/poly(D-lactide) blends: effect of stirring time during solution mixing. <i>Polymer Bulletin</i> , 2021, 78, 147-163.	3.3	6
8	Electrospun Poly[poly(2,5-benzophenone)]bibenzopyrrolone/polyimide nanofiber membrane for high-temperature and strong-alkali supercapacitor. <i>Journal of Materials Science</i> , 2021, 56, 9344-9355.	3.7	26
9	Influence of pre-oxidation on mechanical properties of single electrospun polyacrylonitrile nanofiber. <i>Materials Today Communications</i> , 2021, 26, 102069.	1.9	12
10	Crystallization Behavior of Homochiral Polymer in Poly(L-lactic acid)/Poly(D-lactic acid) Asymmetric Blends: Effect of Melting States. <i>Polymer Science - Series A</i> , 2021, 63, 267-274.	1.0	0
11	High dielectric CsPbBr <sub>3</sub> /rGO/polyimide composite prepared via in-situ conversion of fillers. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 12414-12423.	2.2	4
12	High Cycling Stability of the LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> Cathode via Surface Modification with Polyimide/Multi-Walled Carbon Nanotubes Composite Coating. <i>Small</i> , 2021, 17, e2102981.	10.0	23
13	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.	9.4	76
14	Molecular engineering of carbonyl organic electrodes for rechargeable metal-ion batteries: fundamentals, recent advances, and challenges. <i>Energy and Environmental Science</i> , 2021, 14, 4228-4267.	30.8	100
15	Synthesis of Dihydrochromeno[2,3- <i>b</i> ]indoles via an Fe(OTf) <sub>3</sub> -Catalyzed Cascade Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 16795-16805.	3.2	6
16	Carbonization: A feasible route for reutilization of plastic wastes. <i>Science of the Total Environment</i> , 2020, 710, 136250.	8.0	110
17	Surface Modification of the LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> Cathode Material by Coating with FePO <sub>4</sub> with a Yolk-Shell Structure for Improved Electrochemical Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 36046-36053.	8.0	58
18	High-Performance Anode Materials with Superior Structure of Fe <sub>3</sub> O <sub>4</sub> /FeS/rGO Composite for Lithium Ion Batteries. <i>Nano</i> , 2020, 15, 2050128.	1.0	12

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19	Mechanical and thermal properties of electrospun polyimide/rGO composite nanofibers via in-situ polymerization and in-situ thermal conversion. <i>European Polymer Journal</i> , 2020, 141, 110083.	5.4	56
20	Ultralight, Structurally Stable Electrospun Sponges with Tailored Hydrophilicity as a Novel Material Platform. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18002-18011.	8.0	21
21	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.	3.8	18
22	The Crystallization Behavior of Poly( <i>l</i> -lactic acid)/Poly( <i>d</i> -lactic acid) Electrospun Fibers: Effect of Distance of Isomeric Polymers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 8480-8491.	3.7	15
23	Electrospun polyimide nonwovens with enhanced mechanical and thermal properties by addition of trace plasticizer. <i>Journal of Materials Science</i> , 2020, 55, 5667-5679.	3.7	53
24	Dielectric, mechanical and thermal properties of all-organic PI/PSF composite films by <i>in situ</i> polymerization. <i>E-Polymers</i> , 2020, 20, 226-232.	3.0	46
25	Generalized and feasible strategy to prepare ultra-porous, low density, compressible carbon nanoparticle sponges. <i>Carbon</i> , 2019, 154, 363-369.	10.3	14
26	A mechanically durable, sustained corrosion-resistant photothermal nanofiber membrane for highly efficient solar distillation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22296-22306.	10.3	60
27	Synthesis and properties of $x\text{LiFePO}_4 \cdot y\text{Li}_3\text{V}_2(\text{PO}_4)_3$ /carbon microsphere composites as Li-ion battery cathodes. <i>Ionics</i> , 2019, 25, 5717-5723.	2.4	2
28	Boosting electrochemical performance of electrospun silicon-based anode materials for lithium-ion battery by surface coating a second layer of carbon. <i>Applied Surface Science</i> , 2019, 494, 94-100.	6.1	44
29	Robust strong electrospun polyimide composite nanofibers from a ternary polyamic acid blend. <i>Composites Communications</i> , 2019, 15, 92-95.	6.3	57
30	High-performance polyamide-imide films and electrospun aligned nanofibers from an amide-containing diamine. <i>Journal of Materials Science</i> , 2019, 54, 6719-6727.	3.7	81
31	A Sensitive Pyrimethanil Sensor Based on Electrospun TiC/C Film. <i>Sensors</i> , 2019, 19, 1531.	3.8	11
32	Investigating the draw ratio and velocity of an electrically charged liquid jet during electrospinning. <i>RSC Advances</i> , 2019, 9, 13608-13613.	3.6	24
33	The crystallization behavior of poly(ethylene glycol) and poly( <i>l</i> -lactide) block copolymer: Effects of block length of poly(ethylene glycol) and poly( <i>l</i> -lactide). <i>Polymer Crystallization</i> , 2019, 2, e10071.	0.8	3
34	Gradient-Structured Nonflammable Flexible Polymer Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 11876-11883.	8.0	6
35	Reply to the "Comment on "Synthesis and properties of a high dielectric constant copolymer of a copper phthalocyanine oligomer grafted to amino-capped polyimide" by G. Mezei, <i>Journal of Materials Chemistry C</i> , 2019, 7, 4892-4894. DOI: 10.1039/C8TC04076A. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4892-4894.	5.5	0
36	Synthesis and properties of BaWO <sub>4</sub> nanocrystals prepared using a reverse microemulsion method. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	4

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37	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.	7.8	71
38	High strength in combination with high toughness in robust and sustainable polymeric materials. <i>Science</i> , 2019, 366, 1376-1379.	12.6	162
39	Mechanically strong sulfonated polybenzimidazole PEMs with enhanced proton conductivity. <i>Materials Letters</i> , 2019, 234, 354-356.	2.6	48
40	Highly flexible electrospun carbon/graphite nanofibers from a non-processable heterocyclic rigid-rod polymer of polybisbenzimidazobenzophenanthroline-dione (BBB). <i>Journal of Materials Science</i> , 2018, 53, 9002-9012.	3.7	9
41	Low Density, Thermally Stable, and Intrinsic Flame Retardant Poly(bis(benzimidazo)Benzophenanthroline-dione) Sponge. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700615.	3.6	41
42	Nanofibers with diameter below one nanometer from electrospinning. <i>RSC Advances</i> , 2018, 8, 4794-4802.	3.6	117
43	One-Step Preparation of Highly Hydrophobic and Oleophilic Melamine Sponges via Metal-Ion-Induced Wettability Transition. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6652-6660.	8.0	87
44	Dual-Bioinspired Design for Constructing Membranes with Superhydrophobicity for Direct Contact Membrane Distillation. <i>Environmental Science &amp; Technology</i> , 2018, 52, 3027-3036.	10.0	130
45	Facile hydrothermal synthesis of BiFeO <sub>3</sub> nanoplates for enhanced supercapacitor properties. <i>Functional Materials Letters</i> , 2018, 11, 1850013.	1.2	19
46	Toughening Behavior of Poly(L-Lactic Acid)/Poly(D-Lactic Acid) Asymmetric Blends. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 1225-1235.	1.9	4
47	Effect of trace diphenyl phosphate on mechanical and thermal performance of polyimide composite films. <i>Composites Communications</i> , 2018, 7, 42-46.	6.3	12
48	Temperature-induced molecular orientation and mechanical properties of single electrospun polyimide nanofiber. <i>Materials Letters</i> , 2018, 216, 81-83.	2.6	79
49	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.	3.9	52
50	β-Cyclodextrin toughened polyimide composites toward all-organic dielectric materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1182-1188.	2.2	12
51	Superlithiation of non-conductive polyimide toward high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21216-21224.	10.3	105
52	Synthesis of polyacrylonitrile and mechanical properties of its electrospun nanofibers. <i>E-Polymers</i> , 2018, 18, 569-573.	3.0	54
53	The crystallization and phase transition behaviors of asymmetric PLLA/PDLA blends: From the amorphous state. <i>Polymer Crystallization</i> , 2018, 1, e10006.	0.8	11
54	Ultrafine hollow TiO <sub>2</sub> nanofibers from core-shell composite fibers and their photocatalytic properties. <i>Composites Communications</i> , 2018, 9, 76-80.	6.3	56

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55	Flexible and conductive titanium carbide@carbon nanofibers for the simultaneous determination of ascorbic acid, dopamine and uric acid. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4610-4617.	5.8	41
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.	3.7	138
57	A New Catalyst-Free Synthesis of 2,3-Dicarboxylic Ester Quinoline Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 504.	1.3	4
58	Highly foldable PANi@CNTs/PU dielectric composites toward thin-film capacitor application. <i>Materials Letters</i> , 2017, 192, 25-28.	2.6	91
59	The morphology and growth of PLA stereocomplex in PLLA/PDLA blends with low molecular weights. <i>Polymer Science - Series A</i> , 2017, 59, 116-123.	1.0	8
60	The toughening behavior of PLLA and its asymmetric PLLA/PDLA blends with lower optical purity. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	7
61	Fabrication of Sustained-release CA-PU Coaxial Electrospun Fiber Membranes for Plant Grafting Application. <i>Carbohydrate Polymers</i> , 2017, 169, 198-205.	10.2	41
62	Preparation of Ni(OH) <sub>2</sub> nanoplatelet/electrospun carbon nanofiber hybrids for highly sensitive nonenzymatic glucose sensors. <i>RSC Advances</i> , 2017, 7, 19345-19352.	3.6	31
63	High strength and high breaking load of single electrospun polyimide microfiber from water soluble precursor. <i>Materials Letters</i> , 2017, 201, 82-84.	2.6	65
64	Flexible and refractory tantalum carbide-carbon electrospun nanofibers with high modulus and electric conductivity. <i>Materials Letters</i> , 2017, 200, 97-100.	2.6	118
65	An Intrinsically Stretchable and Compressible Supercapacitor Containing a Polyacrylamide Hydrogel Electrolyte. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9141-9145.	13.8	458
66	Three-dimensional N-doped carbon nanotube@carbon foam hybrid: an effective carrier of enzymes for glucose biosensors. <i>RSC Advances</i> , 2017, 7, 26574-26582.	3.6	15
67	Crown ether-containing polyimides with high dielectric constant. <i>RSC Advances</i> , 2017, 7, 23309-23312.	3.6	25
68	Nano-boria reinforced polyimide composites with greatly enhanced thermal and mechanical properties via in-situ thermal conversion of boric acid. <i>Composites Communications</i> , 2017, 3, 14-17.	6.3	16
69	Nanofibre preparation of non-processable polymers by solid-state polymerization of molecularly self-assembled monomers. <i>Nanoscale</i> , 2017, 9, 18169-18174.	5.6	13
70	Nitrogen-doped carbon paper with 3D porous structure as a flexible free-standing anode for lithium-ion batteries. <i>Scientific Reports</i> , 2017, 7, 7769.	3.3	35
71	Synthesis and properties of a high dielectric constant copolymer of a copper phthalocyanine oligomer grafted to amino-capped polyimide. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8371-8375.	5.5	21
72	Aqueous solution blending route for preparing low dielectric constant films of polyimide hybridized with polytetrafluoroethylene. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 12683-12689.	2.2	22

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73	Hierarchically mesostructured porous TiO <sub>2</sub> hollow nanofibers for high performance glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2017, 92, 654-660.	10.1	56
74	Asymmetric supercapacitor based on flexible TiC/CNF felt supported interwoven nickel-cobalt binary hydroxide nanosheets. <i>Journal of Power Sources</i> , 2016, 317, 57-64.	7.8	45
75	Development of high dielectric polyimides containing bipyridine units for polymer film capacitor. <i>Reactive and Functional Polymers</i> , 2016, 106, 93-98.	4.1	47
76	Polyimide Nanofibers by "Green" Electrospinning via Aqueous Solution for Filtration Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4797-4804.	6.7	126
77	Electrospun polyimide nanofibers and their applications. <i>Progress in Polymer Science</i> , 2016, 61, 67-103.	24.7	332
78	Facile synthesis of Ni(OH) <sub>2</sub> nanoplates on nitrogen-doped carbon foam for nonenzymatic glucose sensors. <i>Analytical Methods</i> , 2016, 8, 8227-8233.	2.7	12
79	Polyamide-imide reinforced polytetrafluoroethylene nanofiber membranes with enhanced mechanical properties and thermal stabilities. <i>Materials Letters</i> , 2016, 182, 59-62.	2.6	23
80	Polyimide complexes with high dielectric performance: toward polymer film capacitor applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6452-6456.	5.5	43
81	High permittivity nanocomposites fabricated from electrospun polyimide/BaTiO <sub>3</sub> hybrid nanofibers. <i>Polymer Composites</i> , 2016, 37, 794-801.	4.6	63
82	Nitrogen-Doped Carbon Nanotubes Supported by Macroporous Carbon as an Efficient Enzymatic Biosensing Platform for Glucose. <i>Analytical Chemistry</i> , 2016, 88, 1371-1377.	6.5	80
83	Three-Dimensional Macroporous Carbon/Fe <sub>3</sub> O <sub>4</sub> -Doped Porous Carbon Nanorods for High-Performance Supercapacitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1531-1537.	6.7	118
84	Mechanical properties and chemical resistance of electrospun polytetrafluoroethylene fibres. <i>RSC Advances</i> , 2016, 6, 24250-24256.	3.6	43
85	Flexible titanium carbide" carbon nanofibers with high modulus and high conductivity by electrospinning. <i>Materials Letters</i> , 2016, 165, 91-94.	2.6	36
86	The morphology and spherulite growth of PLA stereocomplex in linear and branched PLLA/PDLA blends: effects of molecular weight and structure. <i>CrystEngComm</i> , 2016, 18, 274-282.	2.6	32
87	Flexible 3D nitrogen-doped carbon nanotubes nanostructure: A good matrix for enzyme immobilization and biosensing. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 829-838.	7.8	25
88	Stille cross-coupling applied to get higher molecular weight polymers: Synthesis, optoelectronic, <i>V</i> properties, and solar cell application. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	2
89	3D porous and ultralight carbon hybrid nanostructure fabricated from carbon foam covered by monolayer of nitrogen-doped carbon nanotubes for high performance supercapacitors. <i>Journal of Power Sources</i> , 2015, 280, 678-686.	7.8	121
90	Natural source derived carbon paper supported conducting polymer nanowire arrays for high performance supercapacitors. <i>RSC Advances</i> , 2015, 5, 14441-14447.	3.6	32

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91	Zn-Fe-ZIF-derived porous ZnFe <sub>2</sub> O <sub>4</sub> /C@NCNT nanocomposites as anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7793-7798.	10.3	87
92	Electrospun nanofiber reinforced all-organic PVDF/PI tough composites and their dielectric permittivity. <i>Materials Letters</i> , 2015, 160, 515-517.	2.6	48
93	A novel cyclometalated Iridium(III) complex containing dibenzo-24-crown-8: synthesis, luminescence and application in highly efficient green phosphorescent OLEDs. <i>RSC Advances</i> , 2015, 5, 49466-49470.	3.6	10
94	Thermal, mechanical and thermomechanical properties of tough electrospun poly(imide-co-benzoxazole) nanofiber belts. <i>New Journal of Chemistry</i> , 2015, 39, 7797-7804.	2.8	28
95	Polyacrylonitrile-derived polyconjugated ladder structures for high performance all-organic dielectric materials. <i>Chemical Communications</i> , 2015, 51, 10127-10130.	4.1	39
96	PdCo alloy nanoparticle-embedded carbon nanofiber for ultrasensitive nonenzymatic detection of hydrogen peroxide and nitrite. <i>Journal of Colloid and Interface Science</i> , 2015, 450, 168-173.	9.4	47
97	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.	7.8	110
98	Porous nitrogen doped carbon foam with excellent resilience for self-supported oxygen reduction catalyst. <i>Carbon</i> , 2015, 95, 388-395.	10.3	77
99	Single electrospun nanofiber and aligned nanofiber belts from copolyimide containing pyrimidine units. <i>New Journal of Chemistry</i> , 2015, 39, 8956-8963.	2.8	21
100	A sensitive hydrogen peroxide sensor based on a three-dimensional N-doped carbon nanotube-hemin modified electrode. <i>Analytical Methods</i> , 2015, 7, 8439-8444.	2.7	18
101	Short electrospun carbon nanofiber reinforced polyimide composite with high dielectric permittivity. <i>Materials Letters</i> , 2015, 161, 431-434.	2.6	56
102	Mechanical performance of aligned electrospun polyimide nanofiber belt at high temperature. <i>Materials Letters</i> , 2015, 140, 12-15.	2.6	36
103	Carbon Nanofibers Modified Graphite Felt for High Performance Anode in High Substrate Concentration Microbial Fuel Cells. <i>Scientific World Journal</i> , The, 2014, 2014, 1-5.	2.1	11
104	Binder-free activated carbon papers for high-performance electric double-layer capacitors. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 2797-2802.	2.5	7
105	Highly strong and highly tough electrospun polyimide/polyimide composite nanofibers from binary blend of polyamic acids. <i>RSC Advances</i> , 2014, 4, 59936-59942.	3.6	41
106	A composite made from palladium nanoparticles and carbon nanofibers for superior electrocatalytic oxidation of formic acid. <i>Mikrochimica Acta</i> , 2014, 181, 797-803.	5.0	13
107	Electrospun carbon nanofibers surface-grown with carbon nanotubes and polyaniline for use as high-performance electrode materials of supercapacitors. <i>RSC Advances</i> , 2014, 4, 23622-23629.	3.6	75
108	Facile synthesis of three-dimensional porous carbon with high surface area by calcining metal-organic framework for lithium-ion batteries anode materials. <i>RSC Advances</i> , 2014, 4, 61604-61610.	3.6	49

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109	Facile synthesis, characterization and application of highly active palladium nano-network structures supported on electrospun carbon nanofibers. RSC Advances, 2014, 4, 42732-42736.	3.6	9
110	High performance polyimide-Yb complex with high dielectric constant and low dielectric loss. Materials Letters, 2014, 133, 240-242.	2.6	36
111	Template-free synthesis of hierarchical porous carbon derived from low-cost biomass for high-performance supercapacitors. RSC Advances, 2014, 4, 51072-51079.	3.6	54
112	Polyimide/BaTiO <sub>3</sub> /MWCNTs three-phase nanocomposites fabricated by electrospinning with enhanced dielectric properties. Materials Letters, 2014, 135, 158-161.	2.6	89
113	Mechanical flexible PI/MWCNTs nanocomposites with high dielectric permittivity by electrospinning. European Polymer Journal, 2014, 59, 129-135.	5.4	106
114	Modification of precursor polymer using co-polymerization: A good way to high performance electrospun carbon nanofiber bundles. Materials Letters, 2014, 122, 178-181.	2.6	35
115	Free-standing nitrogen-doped carbon nanotubes at electrospun carbon nanofibers composite as an efficient electrocatalyst for oxygen reduction. Electrochimica Acta, 2014, 138, 318-324.	5.2	61
116	Pd-Ni Alloy Nanoparticle/Carbon Nanofiber Composites: Preparation, Structure, and Superior Electrocatalytic Properties for Sugar Analysis. Analytical Chemistry, 2014, 86, 5898-5905.	6.5	72
117	High dielectric constant polyimide derived from 5,5-bis[(4-amino) phenoxy]pyrimidine. Journal of Applied Polymer Science, 2014, 131, .	2.6	33
118	Pd-Co Nanoparticle/Carbon Nanofiber Composites with Enhanced Electrocatalytic Properties. ACS Catalysis, 2014, 4, 1825-1829.	11.2	78
119	Heat-resistant polybenzoxazole nanofibers made by electrospinning. European Polymer Journal, 2014, 50, 61-68.	5.4	28
120	Three-dimensional cross-linked carbon network wrapped with ordered polyaniline nanowires for high-performance pseudo-supercapacitors. Journal of Power Sources, 2014, 268, 451-458.	7.8	56
121	Flexible PI/BaTiO <sub>3</sub> dielectric nanocomposite fabricated by combining electrospinning and electrospraying. European Polymer Journal, 2013, 49, 2567-2571.	5.4	53
122	Elastic carbon foam via direct carbonization of polymer foam for flexible electrodes and organic chemical absorption. Energy and Environmental Science, 2013, 6, 2435.	30.8	275
123	Electrospun carbon nanofibers with manganese dioxide nanoparticles for nonenzymatic hydrogen peroxide sensing. Journal of Materials Science, 2013, 48, 4843-4850.	3.7	35
124	Supercapacitors based on 3D network of activated carbon nanowhiskers wrapped-on graphitized electrospun nanofibers. Journal of Power Sources, 2013, 243, 880-886.	7.8	50
125	Hierarchical Nanocomposites of Polyaniline Nanowire Arrays on Reduced Graphene Oxide Sheets for Supercapacitors. Scientific Reports, 2013, 3, 3568.	3.3	258
126	Electrospun polyimide nanofiber-based nonwoven separators for lithium-ion batteries. Journal of Power Sources, 2013, 226, 82-86.	7.8	377



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127	Direct Electrochemistry of Cytochrome <i>c</i> Based on Poly(diallyldimethylammonium Chloride)@Graphene Nanosheets/Gold Nanoparticles Hybrid Nanocomposites and Its Biosensing. <i>Electroanalysis</i> , 2013, 25, 1400-1409.	2.9	35
128	Reticulated carbon foam derived from a sponge-like natural product as a high-performance anode in microbial fuel cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 18609.	6.7	108
129	Tough and Transparent Nylon-6 Electrospun Nanofiber Reinforced Melamine@Formaldehyde Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 2597-2603.	8.0	90
130	Layered corrugated electrode macrostructures boost microbial bioelectrocatalysis. <i>Energy and Environmental Science</i> , 2012, 5, 9769.	30.8	187
131	Needle-like polyaniline nanowires on graphite nanofibers: hierarchical micro/nano-architecture for high performance supercapacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 5114.	6.7	178
132	A novel hydrogen peroxide sensor based on Ag nanoparticles electrodeposited on chitosan-graphene oxide/cysteamine-modified gold electrode. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1693-1700.	2.5	65
133	Fabrication and evaluation of polyamide 6 composites with electrospun polyimide nanofibers as skeletal framework. <i>Composites Part B: Engineering</i> , 2012, 43, 2382-2388.	12.0	44
134	Electrospun and solution blown three-dimensional carbon fiber nonwovens for application as electrodes in microbial fuel cells. <i>Energy and Environmental Science</i> , 2011, 4, 1417.	30.8	289
135	High strength electrospun fibers. <i>Polymers for Advanced Technologies</i> , 2011, 22, 295-303.	3.2	26
136	Heat and Solvent Resistant Electrospun Polybenzoxazole Nanofibers from Methoxy-Containing Polyaramide. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-5.	2.7	17
137	Graphitic carbon nanofibers developed from bundles of aligned electrospun polyacrylonitrile nanofibers containing phosphoric acid. <i>Polymer</i> , 2010, 51, 2360-2367.	3.8	106
138	A New Strategy to Pretreat Carbon Nanofiber and Its Application in Determination of Dopamine. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-6.	2.7	2
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146	Synthesis of Carbon Nanofibers for Mediatorless Sensitive Detection of NADH. <i>Electroanalysis</i> , 2008, 20, 1708-1713.	2.9	30
147	Electrospun Palladium Nanoparticle-Loaded Carbon Nanofibers and Their Electrocatalytic Activities towards Hydrogen Peroxide and NADH. <i>Advanced Functional Materials</i> , 2008, 18, 441-448.	14.9	281
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