

Haoqing Hou

List of Publications by Year in descending order

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153
papers

10,615
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28274

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times ranked

11888
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous electrochemical determination of dopamine, uric acid and ascorbic acid using palladium nanoparticle-loaded carbon nanofibers modified electrode. <i>Biosensors and Bioelectronics</i> , 2008, 24, 632-637.	10.1	608
2	Recent progress in carbon-based materials for supercapacitor electrodes: a review. <i>Journal of Materials Science</i> , 2021, 56, 173-200.	3.7	474
3	An Intrinsically Stretchable and Compressible Supercapacitor Containing a Polyacrylamide Hydrogel Electrolyte. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9141-9145.	13.8	458
4	Development of carbon nanofibers from aligned electrospun polyacrylonitrile nanofiber bundles and characterization of their microstructural, electrical, and mechanical properties. <i>Polymer</i> , 2009, 50, 2999-3006.	3.8	380
5	Electrospun polyimide nanofiber-based nonwoven separators for lithium-ion batteries. <i>Journal of Power Sources</i> , 2013, 226, 82-86.	7.8	377
6	Electrospun polyimide nanofibers and their applications. <i>Progress in Polymer Science</i> , 2016, 61, 67-103.	24.7	332
7	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
8	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
9	Elastic carbon foam via direct carbonization of polymer foam for flexible electrodes and organic chemical absorption. <i>Energy and Environmental Science</i> , 2013, 6, 2435.	30.8	275
10	Hierarchical Nanocomposites of Polyaniline Nanowire Arrays on Reduced Graphene Oxide Sheets for Supercapacitors. <i>Scientific Reports</i> , 2013, 3, 3568.	3.3	258
11	Simultaneous determination of dopamine, ascorbic acid and uric acid with electrospun carbon nanofibers modified electrode. <i>Electrochemistry Communications</i> , 2008, 10, 1431-1434.	4.7	194
12	Layered corrugated electrode macrostructures boost microbial bioelectrocatalysis. <i>Energy and Environmental Science</i> , 2012, 5, 9769.	30.8	187
13	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
14	High strength in combination with high toughness in robust and sustainable polymeric materials. <i>Science</i> , 2019, 366, 1376-1379.	12.6	162
15	Electrospinning Fabrication of High Strength and Toughness Polyimide Nanofiber Membranes Containing Multiwalled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9741-9748.	2.6	144
16	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
17	Dual-Bioinspired Design for Constructing Membranes with Superhydrophobicity for Direct Contact Membrane Distillation. <i>Environmental Science & Technology</i> , 2018, 52, 3027-3036.	10.0	130
18	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

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19	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
20	Three-Dimensional Macroporous Carbon/Fe ₃ O ₄ -Doped Porous Carbon Nanorods for High-Performance Supercapacitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1531-1537.	6.7	118
21	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
22	Nanofibers with diameter below one nanometer from electrospinning. <i>RSC Advances</i> , 2018, 8, 4794-4802.	3.6	117
23	Electrochemical Detection of Hydrazine Based on Electrospun Palladium Nanoparticle/Carbon Nanofibers. <i>Electroanalysis</i> , 2009, 21, 1869-1874.	2.9	115
24	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
25	Carbonization: A feasible route for reutilization of plastic wastes. <i>Science of the Total Environment</i> , 2020, 710, 136250.	8.0	110
26	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
27	Graphitic carbon nanofibers developed from bundles of aligned electrospun polyacrylonitrile nanofibers containing phosphoric acid. <i>Polymer</i> , 2010, 51, 2360-2367.	3.8	106
28	Mechanical flexible PI/MWCNTs nanocomposites with high dielectric permittivity by electrospinning. <i>European Polymer Journal</i> , 2014, 59, 129-135.	5.4	106
29	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
30	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
31	Highly foldable PANi@CNTs/PU dielectric composites toward thin-film capacitor application. <i>Materials Letters</i> , 2017, 192, 25-28.	2.6	91
32	Tough and Transparent Nylon-6 Electrospun Nanofiber Reinforced Melamine-Formaldehyde Composites. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2597-2603.	8.0	90
33	Polyimide/BaTiO ₃ /MWCNTs three-phase nanocomposites fabricated by electrospinning with enhanced dielectric properties. <i>Materials Letters</i> , 2014, 135, 158-161.	2.6	89
34	Zn-Fe-ZIF-derived porous ZnFe ₂ O ₄ /C@NCNT nanocomposites as anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7793-7798.	10.3	87
35	One-Step Preparation of Highly Hydrophobic and Oleophilic Melamine Sponges via Metal-Ion-Induced Wettability Transition. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6652-6660.	8.0	87
36	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

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37	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
38	Temperature-induced molecular orientation and mechanical properties of single electrospun polyimide nanofiber. <i>Materials Letters</i> , 2018, 216, 81-83.	2.6	79
39	Pd _x Co _y Nanoparticle/Carbon Nanofiber Composites with Enhanced Electrocatalytic Properties. <i>ACS Catalysis</i> , 2014, 4, 1825-1829.	11.2	78
40	Porous nitrogen doped carbon foam with excellent resilience for self-supported oxygen reduction catalyst. <i>Carbon</i> , 2015, 95, 388-395.	10.3	77
41	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
42	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
43	Pd-Ni Alloy Nanoparticle/Carbon Nanofiber Composites: Preparation, Structure, and Superior Electrocatalytic Properties for Sugar Analysis. <i>Analytical Chemistry</i> , 2014, 86, 5898-5905.	6.5	72
44	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
45	Polymeric Nanosprings by Bicomponent Electrospinning. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 265-271.	3.6	65
46	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
47	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
48	High permittivity nanocomposites fabricated from electrospun polyimide/BaTiO ₃ hybrid nanofibers. <i>Polymer Composites</i> , 2016, 37, 794-801.	4.6	63
49	Electrochemical determination of oxalic acid using palladium nanoparticle-loaded carbon nanofiber modified electrode. <i>Analytical Methods</i> , 2010, 2, 855.	2.7	62
50	Free-standing nitrogen-doped carbon nanotubes at electrospun carbon nanofibers composite as an efficient electrocatalyst for oxygen reduction. <i>Electrochimica Acta</i> , 2014, 138, 318-324.	5.2	61
51	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
52	Mechanical characterization of single high-strength electrospun polyimide nanofibres. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 025308.	2.8	58
53	Surface Modification of the LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ Cathode Material by Coating with FePO ₄ with a Yolk-Shell Structure for Improved Electrochemical Performance. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36046-36053.	8.0	58
54	Robust strong electrospun polyimide composite nanofibers from a ternary polyamic acid blend. <i>Composites Communications</i> , 2019, 15, 92-95.	6.3	57

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55	Three-dimensional cross-linked carbon network wrapped with ordered polyaniline nanowires for high-performance pseudo-supercapacitors. <i>Journal of Power Sources</i> , 2014, 268, 451-458.	7.8	56
56	Short electrospun carbon nanofiber reinforced polyimide composite with high dielectric permittivity. <i>Materials Letters</i> , 2015, 161, 431-434.	2.6	56
57	Hierarchically mesostructured porous TiO ₂ hollow nanofibers for high performance glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2017, 92, 654-660.	10.1	56
58	Ultrafine hollow TiO ₂ nanofibers from core-shell composite fibers and their photocatalytic properties. <i>Composites Communications</i> , 2018, 9, 76-80.	6.3	56
59	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
60	Template-free synthesis of hierarchical porous carbon derived from low-cost biomass for high-performance supercapacitors. <i>RSC Advances</i> , 2014, 4, 51072-51079.	3.6	54
61	Synthesis of polyacrylonitrile and mechanical properties of its electrospun nanofibers. <i>E-Polymers</i> , 2018, 18, 569-573.	3.0	54
62	Flexible PI/BaTiO ₃ dielectric nanocomposite fabricated by combining electrospinning and electro spraying. <i>European Polymer Journal</i> , 2013, 49, 2567-2571.	5.4	53
63	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
64	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
65	Electrospun nanofiber belts made from high performance copolyimide. <i>Nanotechnology</i> , 2008, 19, 015604.	2.6	50
66	Supercapacitors based on 3D network of activated carbon nanowhiskers wrapped-on graphitized electrospun nanofibers. <i>Journal of Power Sources</i> , 2013, 243, 880-886.	7.8	50
67	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
68	Electrospun nanofiber reinforced all-organic PVDF/PI tough composites and their dielectric permittivity. <i>Materials Letters</i> , 2015, 160, 515-517.	2.6	48
69	Mechanically strong sulfonated polybenzimidazole PEMs with enhanced proton conductivity. <i>Materials Letters</i> , 2019, 234, 354-356.	2.6	48
70	Effect of Different Bicomponent Electrospinning Techniques on the Formation of Polymeric Nanosprings. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 781-786.	3.6	47
71	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
72	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

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73	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
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	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
76	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
77	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
78	Mechanical properties and chemical resistance of electrospun polytetrafluoroethylene fibres. <i>RSC Advances</i> , 2016, 6, 24250-24256.	3.6	43
79	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
80	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
81	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
82	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
83	Polyacrylonitrile-derived polyconjugated ladder structures for high performance all-organic dielectric materials. <i>Chemical Communications</i> , 2015, 51, 10127-10130.	4.1	39
84	High performance polyimide-Yb complex with high dielectric constant and low dielectric loss. <i>Materials Letters</i> , 2014, 133, 240-242.	2.6	36
85	Mechanical performance of aligned electrospun polyimide nanofiber belt at high temperature. <i>Materials Letters</i> , 2015, 140, 12-15.	2.6	36
86	Flexible titanium carbide-carbon nanofibers with high modulus and high conductivity by electrospinning. <i>Materials Letters</i> , 2016, 165, 91-94.	2.6	36
87	Electrospun carbon nanofibers with manganese dioxide nanoparticles for nonenzymatic hydrogen peroxide sensing. <i>Journal of Materials Science</i> , 2013, 48, 4843-4850.	3.7	35
88	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
89	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.	2.6	35
90	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

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91	High dielectric constant polyimide derived from 5,5'-bis[(4-aminophenoxy)]-2,2'-bipyrimidine. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	33
92	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
93	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
94	Preparation of Ni(OH) ₂ nanoplatelet/electrospun carbon nanofiber hybrids for highly sensitive nonenzymatic glucose sensors. <i>RSC Advances</i> , 2017, 7, 19345-19352.	3.6	31
95	Synthesis of Carbon Nanofibers for Mediatorless Sensitive Detection of NADH. <i>Electroanalysis</i> , 2008, 20, 1708-1713.	2.9	30
96	Heat-resistant polybenzoxazole nanofibers made by electrospinning. <i>European Polymer Journal</i> , 2014, 50, 61-68.	5.4	28
97	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
98	Spindlelike Y ₂ O ₃ :Eu ³⁺ nanorod bundles: hydrothermal synthesis and photoluminescence properties. <i>Journal of Materials Science</i> , 2009, 44, 3687-3693.	3.7	27
99	High strength electrospun fibers. <i>Polymers for Advanced Technologies</i> , 2011, 22, 295-303.	3.2	26
100	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
101	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
102	Crown ether-containing polyimides with high dielectric constant. <i>RSC Advances</i> , 2017, 7, 23309-23312.	3.6	25
103	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
104	Polyamide-imide reinforced polytetrafluoroethylene nanofiber membranes with enhanced mechanical properties and thermal stabilities. <i>Materials Letters</i> , 2016, 182, 59-62.	2.6	23
105	High Cycling Stability of the LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ Cathode via Surface Modification with Polyimide/Multi-Walled Carbon Nanotubes Composite Coating. <i>Small</i> , 2021, 17, e2102981.	10.0	23
106	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
107	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
108	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

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109	Ultralight, Structurally Stable Electrospun Sponges with Tailored Hydrophilicity as a Novel Material Platform. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18002-18011.	8.0	21
110	Facile hydrothermal synthesis of BiFeO ₃ nanoplates for enhanced supercapacitor properties. <i>Functional Materials Letters</i> , 2018, 11, 1850013.	1.2	19
111	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
112	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
113	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
114	Heat and Solvent Resistant Electrospun Polybenzoxazole Nanofibers from Methoxy-Containing Polyaramide. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-5.	2.7	17
115	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
116	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
117	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 & Engineering Chemistry Research</i> , 2020, 59, 8480-8491.	3.7	15
118	Generalized and feasible strategy to prepare ultra-porous, low density, compressible carbon nanoparticle sponges. <i>Carbon</i> , 2019, 154, 363-369.	10.3	14
119	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
120	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
121	Facile synthesis of Ni(OH) ₂ nanoplates on nitrogen-doped carbon foam for nonenzymatic glucose sensors. <i>Analytical Methods</i> , 2016, 8, 8227-8233.	2.7	12
122	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
123	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
124	High-Performance Anode Materials with Superior Structure of Fe ₃ O ₄ /FeS/rGO Composite for Lithium Ion Batteries. <i>Nano</i> , 2020, 15, 2050128.	1.0	12
125	Influence of pre-oxidation on mechanical properties of single electrospun polyacrylonitrile nanofiber. <i>Materials Today Communications</i> , 2021, 26, 102069.	1.9	12
126	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

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127	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
128	A Sensitive Pyrimethanil Sensor Based on Electrospun TiC/C Film. <i>Sensors</i> , 2019, 19, 1531.	3.8	11
129	Alkyl Tail Length Dependence of Structures in a Series of Symmetrically Tapered Bisamides Exhibiting Self-Assembled Supramolecular Columnar Phases. <i>Journal of Macromolecular Science - Physics</i> , 2006, 45, 215-229.	1.0	10
130	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
131	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.	3.6	9
132	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
133	Ultralight Heat-Insulating, Electrically Conductive Carbon Fibrous Sponges for Wearable Mechanosensing Devices with Advanced Warming Function. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19918-19927.	8.0	9
134	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
135	Reactions of Trimethylphosphane-Supported Cobalt Complexes with Salicylaldimines: Formation and Structures of Cobalt Compounds Containing Salicylaldiminato [N:O] Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4362-4367.	2.0	7
136	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
137	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
138	Gradient-Structured Nonflammable Flexible Polymer Membranes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11876-11883.	8.0	6
139	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
140	Synthesis of Dihydrochromeno[2,3-b]indoles via an Fe(OTf) ₃ -Catalyzed Cascade Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 16795-16805.	3.2	6
141	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
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151	The isothermal crystallization kinetics of poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (glycol)- <i>poly</i> lengths of PEG and PLLA. <i>CrystEngComm</i> , 2022, 24, 3903-3912.	2.6	2
152	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, DOI: 10.1039/C8TC04076A. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4892-4894.	5.5	0
153	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