Bao-Hang Han

List of Publications by Year
in descending order

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Version: 2024-02-01

206 papers	14,673 citations	23879 60 h-index	25230 113 g-index
211 all docs	211 docs citations	211 times ranked	19884 citing authors

#	Article	IF	Citations
1	In-situ electrochemical polymerization of aniline on flexible conductive substrates for supercapacitors and non-enzymatic ascorbic acid sensors. Nanotechnology, 2022, 33, 045405.	1.3	2
2	Porous organic polymers for electrocatalysis. Chemical Society Reviews, 2022, 51, 761-791.	18.7	154
3	Persistent radical cation sp2 carbon-covalent organic framework for photocatalytic oxidative organic transformations. Applied Catalysis B: Environmental, 2022, 306, 121110.	10.8	48
4	Aligned artificial solid electrolyte interphase layers as versatile interfacial stabilizers on lithium metal anodes. Journal of Materials Chemistry A, 2022, 10, 10474-10483.	5.2	17
5	Constructing ionic porous organic polymers with high specific surface area through crosslinking strategy. Chemical Engineering Journal, 2022, 442, 136275.	6.6	23
6	Maximized lithiophilic carbonyl units in covalent organic frameworks as effective Li ion regulators for lithium metal batteries. Chemical Engineering Journal, 2022, 437, 135293.	6.6	25
7	Crown ether-based hypercrosslinked porous polymers for gold adsorption. Separation and Purification Technology, 2022, 290, 120805.	3.9	19
8	Electrochemical Preparation of Porous Organic Polymer Films for Highâ€Performance Memristors. Angewandte Chemie - International Edition, 2022, 61, .	7.2	7
9	N-doped graphitic carbon shell-encapsulated FeCo alloy derived from metalâ€“polyphenol network and melamine sponge for oxygen reduction, oxygen evolution, and hydrogen evolution reactions in alkaline media. Journal of Colloid and Interface Science, 2021, 581, 362-373.	5.0	61
10	Tinâ€Containing Graphite for Sodiumâ€Ion Batteries and Hybrid Capacitors. Batteries and Supercaps, 2021, 4, 173-182.	2.4	27
11	Pristine, metal ion and metal cluster modified conjugated triazine frameworks as electrocatalysts for hydrogen evolution reaction. Journal of Materials Chemistry A, 2021, 9, 10146-10159.	5.2	23
12	Hydrophobic Fluorous Metalâ€“Organic Framework Nanoadsorbent for Removal of Hazardous Wastes from Water. ACS Applied Nano Materials, 2021, 4, 1576-1585.	2.4	26
13	Exfoliated covalent organic framework nanosheets. Journal of Materials Chemistry A, 2021, 9, 7336-7365.	5.2	53
14	FeCoP₂ Nanoparticles Embedded in N and P Co-doped Hierarchically Porous Carbon for Efficient Electrocatalytic Water Splitting. ACS Applied Materials & Interfaces, 2021, 13, 8832-8843.	4.0	67
15	Porous Organic Polymers for Photocatalytic Carbon Dioxide Reduction. ChemPhotoChem, 2021, 5, 406-417.	1.5	39
16	Guiding Uniformly Distributed Liâ€Ion Flux by Lithiophilic Covalent Organic Framework Interlayers for High-Performance Lithium Metal Anodes. ACS Applied Materials & Interfaces, 2021, 13, 22586-22596.	4.0	48
17	Crumpled nitrogen-doped aerogels derived from MXene and pyrrole-formaldehyde as modified separators for stable lithium-sulfur batteries. Applied Surface Science, 2021, 555, 149717.	3.1	32
18	Porphyrin- and phthalocyanine-based porous organic polymers: From synthesis to application. Coordination Chemistry Reviews, 2021, 439, 213875.	9.5	147

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19	Synergistic Catalysis of Ionic Liquid-Decorated Covalent Organic Frameworks with Polyoxometalates for CO₂ Cycloaddition Reaction under Mild Conditions. Langmuir, 2021, 37, 10330-10339.	1.6	31
20	Synergetic contribution of nitrogen and fluorine species in porous carbons as metal-free and bifunctional oxygen electrocatalysts for zincâ€“air batteries. Applied Catalysis B: Environmental, 2021, 297, 120448.	10.8	64
21	Bis(terpyridine) Ru(<scp>iii</scp>) complex functionalized porous polycarbazole for visible-light driven chemical reactions. Polymer Chemistry, 2021, 12, 4557-4564.	1.9	4
22	Evaluation of an Imidazolium-Based Porous Organic Polymer as Radioactive Waste Scavenger. Environmental Science & Technology, 2020, 54, 216-224.	4.6	77
23	Coumarin-Caged Compounds of 1-Naphthaleneacetic Acid as Light-Responsive Controlled-Release Plant Root Stimulators. Journal of Agricultural and Food Chemistry, 2020, 68, 6268-6279.	2.4	10
24	Iminodiacetic acid-functionalized porous polymer for removal of toxic metal ions from water. Journal of Hazardous Materials, 2020, 400, 123188.	6.5	40
25	Emerging applications of porous organic polymers in visible-light photocatalysis. Journal of Materials Chemistry A, 2020, 8, 7003-7034.	5.2	215
26	Three-dimensional Covalent Organic Frameworks as Host Materials for Lithium-Sulfur Batteries. Chinese Journal of Polymer Science (English Edition), 2020, 38, 550-557.	2.0	35
27	Ultrafine SnO2 nanoparticles anchored on N, P-doped porous carbon as anodes for high performance lithium-ion and sodium-ion batteries. Journal of Colloid and Interface Science, 2020, 572, 122-132.	5.0	57
28	Investigating the Electrocatalysis of a Ti₃C₂/Carbon Hybrid in Polysulfide Conversion of Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 13904-13913.	4.0	72
29	Polycarbazole and biomass-derived flexible nitrogen-doped porous carbon materials for gas adsorption and sensing. Journal of Materials Chemistry A, 2020, 8, 6804-6811.	5.2	16
30	Advanced porous graphene materials: from in-plane pore generation to energy storage applications. Journal of Materials Chemistry A, 2020, 8, 6125-6143.	5.2	65
31	Defective 2D Covalent Organic Frameworks for Postfunctionalization. Advanced Functional Materials, 2020, 30, 1909267.	7.8	103
32	Application of polyoxometalate derivatives in rechargeable batteries. Journal of Materials Chemistry A, 2020, 8, 4593-4628.	5.2	94
33	Cationic covalent organic framework based all-solid-state electrolytes. Materials Chemistry Frontiers, 2020, 4, 1164-1173.	3.2	80
34	A nanostructured porous carbon/MoO₂ composite with efficient catalysis in polysulfide conversion for lithiumâ€“sulfur batteries. Nanotechnology, 2020, 31, 315601.	1.3	12
35	Structural and Dimensional Transformations between Covalent Organic Frameworks via Linker Exchange. Macromolecules, 2019, 52, 1257-1265.	2.2	67
36	A N, P Dualâ€Doped Carbon with High Porosity as an Advanced Metalâ€Free Oxygen Reduction Catalyst. Advanced Materials Interfaces, 2019, 6, 1900592.	1.9	27

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37	Synthesis of Conjugated Microporous Polymers through Cationic Cyclization Polymerization. Macromolecules, 2019, 52, 3935-3941.	2.2	30
38	Tuning Both Surface Chemistry and Porous Properties of Polymer-Derived Porous Carbons for High-Performance Gas Adsorption. Langmuir, 2019, 35, 7650-7658.	1.6	8
39	Metal complex hybrid composites based on fullerene-bearing porous polycarbazole for H2, CO2 and CH4 uptake and heterogeneous hydrogenation catalysis. Polymer, 2019, 169, 255-262.	1.8	58
40	Sodium Storage and Electrode Dynamics of Tinâ€“Carbon Composite Electrodes from Bulk Precursors for Sodiumâ€ion Batteries. Advanced Functional Materials, 2019, 29, 1900790.	7.8	107
41	Hollow N-doped Carbon Polyhedrons with Hierarchically Porous Shell for Confinement of Polysulfides in Lithiumâ€“Sulfur Batteries. IScience, 2019, 13, 243-253.	1.9	35
42	Rhenium-Metalated Polypyridine-Based Porous Polycarbazoles for Visible-Light CO₂ Photoreduction. ACS Catalysis, 2019, 9, 3959-3968.	5.5	110
43	Synthesis and thermodynamic investigation of MnO nanoparticle anchored N-doped porous carbon as the anode for Li-ion and Na-ion batteries. Materials Chemistry Frontiers, 2019, 3, 2728-2737.	3.2	15
44	A cationic porous organic polymer for high-capacity, fast, and selective capture of anionic pollutants. Journal of Hazardous Materials, 2019, 367, 348-355.	6.5	58
45	Ionic porous organic polymers for CO2 capture and conversion. Current Opinion in Green and Sustainable Chemistry, 2019, 16, 20-25.	3.2	43
46	Nanostructured porous carbons derived from nitrogen-doped graphene nanoribbon aerogels for lithiumâ€“sulfur batteries. Journal of Colloid and Interface Science, 2019, 541, 204-212.	5.0	30
47	Facile synthesis of diamine-functionalized hollow mesoporous silica sphere with self-templating method. Journal of Porous Materials, 2018, 25, 1715-1721.	1.3	8
48	Nitrogen-doped carbon aerogels with high surface area for supercapacitors and gas adsorption. Materials Today Communications, 2018, 16, 1-7.	0.9	33
49	Microporous Polycarbazole Materials: From Preparation and Properties to Applications. Macromolecular Rapid Communications, 2018, 39, e1800040.	2.0	54
50	Hypercrosslinked porous polycarbazoles from carbazolyl-bearing aldehydes or ketones. Polymer, 2018, 143, 87-95.	1.8	21
51	Conjugated Microporous Polymers with Extended Ï€-Structures for Organic Vapor Adsorption. Macromolecules, 2018, 51, 947-953.	2.2	80
52	Preparation of hierarchically porous sulfur- and oxygen-co-doped carbon for gas uptake and lithium-ion battery. Microporous and Mesoporous Materials, 2018, 264, 118-124.	2.2	14
53	Nitrogen-Doped Porous Carbons Derived from Polypyrrole-Based Aerogels for Gas Uptake and Supercapacitors. ACS Applied Nano Materials, 2018, 1, 609-616.	2.4	46
54	Cationic Polycarbazole Networks as Visible-Light Heterogeneous Photocatalysts for Oxidative Organic Transformations. ACS Catalysis, 2018, 8, 5313-5322.	5.5	113

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55	Nitrogen-doped and nanostructured carbons with high surface area for enhanced oxygen reduction reaction. Carbon, 2018, 126, 111-118.	5.4	63
56	Polyaniline-derived hierarchically porous nitrogen-doped carbons as gas adsorbents for carbon dioxide uptake. Microporous and Mesoporous Materials, 2018, 257, 85-91.	2.2	50
57	Zwitterionic Covalent Organic Frameworks as Catalysts for Hierarchical Reduction of CO₂ with Amine and Hydrosilane. ACS Applied Materials & Interfaces, 2018, 10, 41350-41358.	4.0	100
58	Effect of Porosity Parameters and Surface Chemistry on Carbon Dioxide Adsorption in Sulfur-Doped Porous Carbons. Langmuir, 2018, 34, 6358-6366.	1.6	34
59	Conjugated Microporous Polymers with Dense Sulfonic Acid Groups as Efficient Proton Conductors. Langmuir, 2018, 34, 7640-7646.	1.6	39
60	Biomass-derived flexible porous carbon materials and their applications in supercapacitor and gas adsorption. Materials and Design, 2017, 129, 164-172.	3.3	105
61	Fluorinated Porous Conjugated Polyporphyrins through Direct Câ^'H Arylation Polycondensation: Preparation, Porosity, and Use as Heterogeneous Catalysts for Baeyerâ€"Villiger Oxidation. Chemistry - A European Journal, 2017, 23, 9831-9837.	1.7	30
62	Synthesis of Bergman cyclization-based porous organic polymers and their performances in gas storage. Polymer, 2017, 118, 249-255.	1.8	5
63	Synthesis of Coreâ€"Shell Structured Porous Nitrogen-Doped Carbon@Silica Material via a Solâ€"Gel Method. Langmuir, 2017, 33, 6038-6045.	1.6	11
64	Nitrogen-doped graphene aerogel as both a sulfur host and an effective interlayer for high-performance lithiumâ€"sulfur batteries. Nanotechnology, 2017, 28, 495701.	1.3	21
65	A Hierarchically Porous Hypercrosslinked and Novel Quinone based Stable Organic Polymer Electrode for Lithium-Ion Batteries. Electrochimica Acta, 2017, 255, 145-152.	2.6	39
66	Thiophene-based conjugated microporous polymers: synthesis, characterization and efficient gas storage. Science China Chemistry, 2017, 60, 1067-1074.	4.2	30
67	Special topic on research frontiers in porous organic polymers. Science China Chemistry, 2017, 60, 997-998.	4.2	1
68	Metalâ€"Organic Framework-Derived Metal Oxide Embedded in Nitrogen-Doped Graphene Network for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 43171-43178.	4.0	66
69	Synthesis of porous polymer/tissue paper hybrid membranes for switchable oil/water separation. Scientific Reports, 2017, 7, 3101.	1.6	21
70	Direct synthesis of ordered mesoporous hydrothermal carbon materials via a modified soft-templating method. Microporous and Mesoporous Materials, 2017, 253, 215-222.	2.2	34
71	Connecting carbon porosity with dispersibility and friability. Carbon, 2017, 112, 117-129.	5.4	7
72	Sugar-based micro/mesoporous hypercross-linked polymers with in situ embedded silver nanoparticles for catalytic reduction. Beilstein Journal of Organic Chemistry, 2017, 13, 1212-1221.	1.3	7

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73	Novel approach to hydroxy-group-containing porous organic polymers from bisphenol A. Beilstein Journal of Organic Chemistry, 2017, 13, 2131-2137.	1.3	13
74	Fast Conversion of Ionic Liquids and Poly(Ionic Liquid)s into Porous Nitrogen-Doped Carbons in Air. International Journal of Molecular Sciences, 2016, 17, 532.	1.8	9
75	A New Strategy to Microporous Polypyrrole Networks Based on Condensation of Pyrrole and Diketone. Macromolecular Chemistry and Physics, 2016, 217, 1529-1533.	1.1	6
76	Synthesis of Highly Stable Porous Metalâ€Iminodiacetic Acid Gels from A Novel IDA Compound. Chinese Journal of Chemistry, 2016, 34, 617-623.	2.6	0
77	Tetraphenylethylene-based microporous organic polymers: insight into structure geometry, porosity, and CO₂/CH₄ selectivity. RSC Advances, 2016, 6, 51411-51418.	1.7	12
78	Porous Nitrogen-Doped Carbon Nanoribbons for High-Performance Gas Adsorbents and Lithium Ion Batteries. Industrial & Engineering Chemistry Research, 2016, 55, 6384-6390.	1.8	28
79	Gold nanoparticles encapsulated in hierarchical porous polycarbazole: preparation and application in catalytic reduction. RSC Advances, 2016, 6, 48543-48549.	1.7	18
80	Supramolecular organic network assembled from quadruple hydrogen-bonding motifs. Chemical Communications, 2016, 52, 6597-6600.	2.2	15
81	Porous Azoâ€Bridged Porphyrinâ€“Phthalocyanine Network with High Iodine Capture Capability. Chemistry - A European Journal, 2016, 22, 11863-11868.	1.7	129
82	All-thiophene-based conjugated porous organic polymers. Polymer Chemistry, 2016, 7, 5031-5038.	1.9	44
83	Extraction of Rutin and Rhoifolin by Inorganic Borate Functionalized Magnetic Particles. Chinese Journal of Chemistry, 2016, 34, 823-829.	2.6	2
84	Sugar-functionalized triptycenes used for dispersion of single-walled carbon nanotubes in aqueous solution by supramolecular interaction. New Journal of Chemistry, 2016, 40, 3300-3307.	1.4	9
85	Conjugated microporous polycarbazole containing tris(2-phenylpyridine)iridium(<scp>iii</scp>) complexes: phosphorescence, porosity, and heterogeneous organic photocatalysis. Polymer Chemistry, 2016, 7, 2299-2307.	1.9	62
86	Facile synthesis of hierarchical triazine-based porous carbons for hydrogen storage. Microporous and Mesoporous Materials, 2016, 224, 129-134.	2.2	15
87	Preparation of mannitol-based ketal-linked porous organic polymers and their application for selective capture of carbon dioxide. Polymer, 2016, 89, 112-118.	1.8	23
88	Soft templating synthesis of nitrogen-doped porous hydrothermal carbons and their applications in carbon dioxide and hydrogen adsorption. Microporous and Mesoporous Materials, 2016, 220, 129-135.	2.2	43
89	Mannitol-based acetal-linked porous organic polymers for selective capture of carbon dioxide over methane. Polymer Chemistry, 2015, 6, 5305-5312.	1.9	33
90	Solvent Effects and Driving Forces in Pillararene Inclusion Complexes. Journal of Physical Chemistry B, 2015, 119, 6711-6720.	1.2	38

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91	Nitrogen-Doped Graphene Aerogels as Efficient Supercapacitor Electrodes and Gas Adsorbents. ACS Applied Materials & Interfaces, 2015, 7, 1431-1438.	4.0	364
92	Sugar-functionalized water-soluble pillar[5]arene and its hostâ€“guest interaction with fullerene. RSC Advances, 2015, 5, 19041-19047.	1.7	21
93	Hypercrosslinked porous polycarbazoles via one-step oxidative coupling reaction and Friedelâ€“Crafts alkylation. Polymer Chemistry, 2015, 6, 2478-2487.	1.9	96
94	Facile one-pot synthesis of glycoluril-based porous organic polymers. Polymer, 2015, 60, 26-31.	1.8	10
95	A highly nitrogen-doped porous graphene â€“ an anode material for lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 18229-18237.	5.2	101
96	Copper phthalocyanine-based CMPs with various internal structures and functionalities. Chemical Communications, 2015, 51, 12783-12786.	2.2	32
97	MetallophthalocyanineâEBased Conjugated Microporous Polymers as Highly Efficient Photosensitizers for Singlet Oxygen Generation. Angewandte Chemie - International Edition, 2015, 54, 6536-6539.	7.2	213
98	Facile approach for preparing porous organic polymers through Bergman cyclization. Polymer Chemistry, 2015, 6, 4734-4741.	1.9	12
99	Preparation and characterization of a composite hydrogel with graphene oxide as an acid catalyst. Soft Matter, 2015, 11, 3215-3221.	1.2	16
100	Manganese dioxide-anchored three-dimensional nitrogen-doped graphene hybrid aerogels as excellent anode materials for lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 10403-10412.	5.2	96
101	Multi-hydroxyl-containing porous organic polymers based on phenol formaldehyde resin chemistry with high carbon dioxide capture capacity. RSC Advances, 2015, 5, 71095-71101.	1.7	23
102	Nanochemistry. Chinese Journal of Chemistry, 2015, 33, 5-5.	2.6	0
103	Nickel embedded in N-doped porous carbon for the hydrogenation of nitrobenzene to p-aminophenol in sulphuric acid. Chemical Communications, 2015, 51, 17712-17715.	2.2	40
104	Triazatriangulenium-based porous organic polymers for carbon dioxide capture. RSC Advances, 2015, 5, 90135-90143.	1.7	33
105	Human hair-derived nitrogen and sulfur co-doped porous carbon materials for gas adsorption. RSC Advances, 2015, 5, 73980-73988.	1.7	57
106	Effect of surface chemistry and textural properties on carbon dioxide uptake in hydrothermally reduced graphene oxide. Carbon, 2015, 82, 590-598.	5.4	73
107	Microporous spiro-centered poly(benzimidazole) networks: preparation, characterization, and gas sorption properties. Polymer Chemistry, 2015, 6, 748-753.	1.9	28
108	SPRi determination of inter-peptide interaction by using 3D supramolecular co-assembly polyrotaxane film. Biosensors and Bioelectronics, 2015, 66, 338-344.	5.3	17

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109	Benzimidazoleâ€Linked Porous Polymers: Synthesis and Gas Sorption Properties. Chinese Journal of Chemistry, 2015, 33, 131-136.	2.6	16
110	Sonochemical Synthesis of Graphene Oxideâ€Wrapped Gold Nanoparticles Hybrid Materials: Visible Light Photocatalytic Activity. Chinese Journal of Chemistry, 2015, 33, 119-124.	2.6	29
111	Recent Advance in Organic Porous Polycarbazoles: Preparation and Properties. Acta Chimica Sinica, 2015, 73, 541.	0.5	19
112	Triptycene-Based Microporous Poly(diaminophosphazene). Acta Chimica Sinica, 2015, 73, 617.	0.5	0
113	Microporous organic polymers with acetal linkages: synthesis, characterization, and gas sorption properties. Polymer Chemistry, 2014, 5, 614-621.	1.9	30
114	Straightforward synthesis of a triazine-based porous carbon with high gas-uptake capacities. Journal of Materials Chemistry A, 2014, 2, 14201.	5.2	54
115	Adsorption performance and catalytic activity of porous conjugated polyporphyrins via carbazole-based oxidative coupling polymerization. Polymer Chemistry, 2014, 5, 3081-3088.	1.9	77
116	High surface area porous carbons produced by steam activation of graphene aerogels. Journal of Materials Chemistry A, 2014, 2, 9891.	5.2	159
117	Mesoporous Conjugated Polycarbazole with High Porosity via Structure Tuning. Macromolecules, 2014, 47, 5926-5931.	2.2	110
118	Preparation and adsorption performance of cross-linked porous polycarbazoles. Journal of Materials Chemistry A, 2014, 2, 16181-16189.	5.2	132
119	Graphene oxideâ€“tripolyphosphate hybrid used as a potent sorbent for cationic dyes. Carbon, 2014, 79, 174-182.	5.4	77
120	A general and scalable synthesis approach to porous graphene. Nature Communications, 2014, 5, 4716.	5.8	180
121	Nitrogenâ€Containing Microporous Conjugated Polymers via Carbazoleâ€Based Oxidative Coupling Polymerization: Preparation, Porosity, and Gas Uptake. Small, 2014, 10, 308-315.	5.2	145
122	Grapheneâ€“terpyridine complex hybrid porous material for carbon dioxide adsorption. Carbon, 2014, 66, 592-598.	5.4	47
123	Preparation of Three-Dimensional Graphene Oxideâ€“Polyethylenimine Porous Materials as Dye and Gas Adsorbents. ACS Applied Materials & Interfaces, 2013, 5, 9172-9179.	4.0	395
124	High Mechanical Performance of Layered Graphene Oxide/Poly(vinyl alcohol) Nanocomposite Films. Small, 2013, 9, 2466-2472.	5.2	122
125	A hierarchically structured graphene foam and its potential as a large-scale strain-gauge sensor. Nanoscale, 2013, 5, 12171.	2.8	176
126	Preparation and gas uptake of microporous organic polymers based on binaphthalene-containing spirocyclic tetraether. Polymer, 2013, 54, 2952-2957.	1.8	15

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127	Poly(acrylic acid) brushes pattern as a 3D functional biosensor surface for microchips. Applied Surface Science, 2013, 266, 313-318.	3.1	30
128	Carbohydrate-Functionalized AIE-Active Molecules as Luminescent Probes for Biosensing. , 2013, , 189-207.		0
129	Cationic cyclotriveratrylene-based glycoconjugate and its interaction with fullerene. RSC Advances, 2013, 3, 6985.	1.7	8
130	One-step solvothermal carbonization to microporous carbon materials derived from cyclodextrins. Journal of Materials Chemistry A, 2013, 1, 9456.	5.2	26
131	Fluorinated Porous Organic Polymers via Direct Câ€“H Arylation Polycondensation. ACS Macro Letters, 2013, 2, 522-526.	2.3	85
132	Preparation of Tris(2â€aminoethyl)amineâ€Crossâ€Linked Cyclodextrinâ€Based Porous Nanospheres and Their Application as Drug Delivery Systems. Chinese Journal of Chemistry, 2013, 31, .	2.6	2
133	Cyclodextrinâ€Based Porous Nanocapsules. Chinese Journal of Chemistry, 2013, 31, 569-576.	2.6	5
134	Graphene oxide-based benzimidazole-crosslinked networks for high-performance supercapacitors. Nanoscale, 2013, 5, 8367.	2.8	49
135	Microporous Organic Polymers with Ketal Linkages: Synthesis, Characterization, and Gas Sorption Properties. ACS Applied Materials & Interfaces, 2013, 5, 4166-4172.	4.0	20
136	One-step solvothermal synthesis of an iron oxideâ€“graphene magnetic hybrid material with high porosity. Microporous and Mesoporous Materials, 2013, 165, 234-239.	2.2	36
137	Grapheneâ€“molybdenum oxynitride porous material with improved cyclic stability and rate capability for rechargeable lithium ion batteries. Physical Chemistry Chemical Physics, 2013, 15, 16898.	1.3	30
138	Supramolecular Surface Modification and Dispersion of Graphene in Water and Organic Solvents. Journal of Nanoscience and Nanotechnology, 2013, 13, 946-953.	0.9	10
139	Supramolecular Hydrogel Based on Graphene Oxides for Controlled Release System. Journal of Nanoscience and Nanotechnology, 2013, 13, 755-760.	0.9	14
140	Base-Assisted One-Pot Synthesis of N,Nâ€²,Nâ€³-Triaryltriazatriangulenium Dyes: Enhanced Fluorescence Efficiency by Steric Constraints. Journal of Organic Chemistry, 2012, 77, 5606-5612.	1.7	38
141	Graphene-based hybrid materials and their applications in energy storage and conversion. Science Bulletin, 2012, 57, 2983-2994.	1.7	53
142	Sugar-Functionalized Water-Soluble Cyclotriveratrylene Derivatives: Preparation and Interaction with Fullerene. Journal of Organic Chemistry, 2012, 77, 971-976.	1.7	27
143	Facile Approach to Preparing Microporous Organic Polymers through Benzoin Condensation. ACS Applied Materials & Interfaces, 2012, 4, 6975-6981.	4.0	54
144	Facile synthesis route to monodispersed platelet-like SBA-15 silica. Journal of Porous Materials, 2012, 19, 745-749.	1.3	8

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145	Site-selective assembly of quantum dots on patterned self-assembled monolayers fabricated by laser direct-writing. Nanotechnology, 2012, 23, 235302.	1.3	4
146	Supramolecular Self-Assembly Induced Graphene Oxide Based Hydrogels and Organogels. Langmuir, 2012, 28, 3005-3010.	1.6	87
147	Graphene-manganese oxide hybrid porous material and its application in carbon dioxide adsorption. Science Bulletin, 2012, 57, 3059-3064.	1.7	48
148	Preparation and characterization of triptycene-based microporous poly(benzimidazole) networks. Journal of Materials Chemistry, 2012, 22, 11509.	6.7	78
149	Microporous Polycarbazole with High Specific Surface Area for Gas Storage and Separation. Journal of the American Chemical Society, 2012, 134, 6084-6087.	6.6	660
150	Growth of Silver Film on Graphene Oxide Pattern. Journal of Physical Chemistry C, 2012, 116, 17698-17704.	1.5	6
151	Porous Polybenzimidazoles via Templateâ€Free Suzuki Coupling Polymerization: Preparation, Porosity, and Heterogeneous Catalytic Activity in Knoevenagel Condensation Reactions. Macromolecular Chemistry and Physics, 2012, 213, 1575-1581.	1.1	31
152	Templated patterning of graphene oxide using self-assembled monolayers. Carbon, 2012, 50, 1083-1089.	5.4	30
153	Microporous polymeric microsphere via surfactant-free Suzuki coupling polymerization in a single-phase: Porosity and gas uptake. Polymer, 2012, 53, 2032-2037.	1.8	17
154	Imidazole-bearing tetraphenylethylene: fluorescent probe for metal ions based on AIE feature. New Journal of Chemistry, 2011, 35, 1667.	1.4	38
155	The Effect of Interlayer Adhesion on the Mechanical Behaviors of Macroscopic Graphene Oxide Papers. ACS Nano, 2011, 5, 2134-2141.	7.3	318
156	Thionyl Chloride-Catalyzed Preparation of Microporous Organic Polymers through Aldol Condensation. Macromolecules, 2011, 44, 6382-6388.	2.2	50
157	One-step preparation of fluorescent inorganicâ€“organic hybrid material used for explosive sensing. Polymer Chemistry, 2011, 2, 1124-1128.	1.9	67
158	Spiro(fluorene-9,9â€²-xanthene)-Based Porous Organic Polymers: Preparation, Porosity, and Exceptional Hydrogen Uptake at Low Pressure. Macromolecules, 2011, 44, 7987-7993.	2.2	76
159	Tetraphenylethylene-based fluorescent porous organic polymers: preparation, gas sorption properties and photoluminescence properties. Journal of Materials Chemistry, 2011, 21, 13554.	6.7	150
160	Porous Organic Polymers Based on Propeller-Like Hexaphenylbenzene Building Units. Macromolecules, 2011, 44, 5573-5577.	2.2	113
161	Sugar-bearing tetraphenylethylene: novel fluorescent probe for studies of carbohydrateâ€“protein interaction based on aggregation-induced emission. Organic and Biomolecular Chemistry, 2011, 9, 2219.	1.5	74
162	Supramolecular modification of single-walled carbon nanotubes with a water-soluble triptycene derivative. Carbon, 2011, 49, 5339-5347.	5.4	11

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163	Tetraphenylethyleneâ€based Glycoconjugate as a Fluorescence â€œTurnâ€Onâ€•Sensor for Cholera Toxin. Chemistry - an Asian Journal, 2011, 6, 2376-2381.	1.7	59
164	Solvothermal synthesis of homogeneous graphene dispersion with high concentration. Carbon, 2011, 49, 3920-3927.	5.4	118
165	Water-soluble conjugated polyelectrolyte with pendant glycocluster: Synthesis and its interaction with heparin. Polymer, 2011, 52, 383-390.	1.8	31
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