Qi Chen

List of Publications by Year in descending order

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91 papers	3,915 citations	147801 31 h-index	128289 60 g-index
93 all docs	93 docs citations	93 times ranked	3853 citing authors

#	Article	IF	Citations
1	Microporous Polycarbazole with High Specific Surface Area for Gas Storage and Separation. Journal of the American Chemical Society, 2012, 134, 6084-6087.	13.7	660
2	Glucosamine hydrochloride functionalized tetraphenylethylene: A novel fluorescent probe for alkaline phosphatase based on the aggregation-induced emission. Chemical Communications, 2010, 46, 4067.	4.1	155
3	Tetraphenylethylene-based fluorescent porous organic polymers: preparation, gas sorption properties and photoluminescence properties. Journal of Materials Chemistry, 2011, 21, 13554.	6.7	150
4	Nitrogenâ€Containing Microporous Conjugated Polymers via Carbazoleâ€Based Oxidative Coupling Polymerization: Preparation, Porosity, and Gas Uptake. Small, 2014, 10, 308-315.	10.0	145
5	Preparation and adsorption performance of cross-linked porous polycarbazoles. Journal of Materials Chemistry A, 2014, 2, 16181-16189.	10.3	132
6	Porous Organic Polymers Based on Propeller-Like Hexaphenylbenzene Building Units. Macromolecules, 2011, 44, 5573-5577.	4.8	113
7	Cationic Polycarbazole Networks as Visible-Light Heterogeneous Photocatalysts for Oxidative Organic Transformations. ACS Catalysis, 2018, 8, 5313-5322.	11.2	113
8	Mesoporous Conjugated Polycarbazole with High Porosity via Structure Tuning. Macromolecules, 2014, 47, 5926-5931.	4.8	110
9	Hypercrosslinked porous polycarbazoles via one-step oxidative coupling reaction and Friedelâ€“Crafts alkylation. Polymer Chemistry, 2015, 6, 2478-2487.	3.9	96
10	Supramolecular Self-Assembly Induced Graphene Oxide Based Hydrogels and Organogels. Langmuir, 2012, 28, 3005-3010.	3.5	87
11	Fluorinated Porous Organic Polymers via Direct Câ€“H Arylation Polycondensation. ACS Macro Letters, 2013, 2, 522-526.	4.8	85
12	Fluorescent Test Paper via the In Situ Growth of COFs for Rapid and Convenient Detection of Pd(II) Ions. ACS Applied Materials & Interfaces, 2021, 13, 1644-1650.	8.0	78
13	Adsorption performance and catalytic activity of porous conjugated polyporphyrins via carbazole-based oxidative coupling polymerization. Polymer Chemistry, 2014, 5, 3081-3088.	3.9	77
14	Spiro(fluorene-9,9â€²-xanthene)-Based Porous Organic Polymers: Preparation, Porosity, and Exceptional Hydrogen Uptake at Low Pressure. Macromolecules, 2011, 44, 7987-7993.	4.8	76
15	Sugar-bearing tetraphenylethylene: novel fluorescent probe for studies of carbohydrateâ€“protein interaction based on aggregation-induced emission. Organic and Biomolecular Chemistry, 2011, 9, 2219.	2.8	74
16	A trifluoromethyl-grafted ultra-stable fluorescent covalent organic framework for adsorption and detection of pesticides. Journal of Materials Chemistry A, 2020, 8, 25156-25164.	10.3	68
17	One-step preparation of fluorescent inorganicâ€“organic hybrid material used for explosive sensing. Polymer Chemistry, 2011, 2, 1124-1128.	3.9	67
18	Enhanced selective adsorption of NSAIDs by covalent organic frameworks via functional group tuning. Chemical Engineering Journal, 2021, 404, 127095.	12.7	66

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19	Conjugated microporous polycarbazole containing tris(2-phenylpyridine)iridium(<scp>iii</scp>) complexes: phosphorescence, porosity, and heterogeneous organic photocatalysis. Polymer Chemistry, 2016, 7, 2299-2307.	3.9	62
20	Tetraphenylethyleneâ€based Glycoconjugate as a Fluorescence â€œTurnâ€Onâ€•Sensor for Cholera Toxin. Chemistry - an Asian Journal, 2011, 6, 2376-2381.	3.3	59
21	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.	3.8	58
22	Cationic covalent-organic framework for sulfur storage with high-performance in lithium-sulfur batteries. Journal of Colloid and Interface Science, 2021, 591, 264-272.	9.4	57
23	Straightforward synthesis of a triazine-based porous carbon with high gas-uptake capacities. Journal of Materials Chemistry A, 2014, 2, 14201.	10.3	54
24	Microporous Polycarbazole Materials: From Preparation and Properties to Applications. Macromolecular Rapid Communications, 2018, 39, e1800040.	3.9	54
25	Thionyl Chloride-Catalyzed Preparation of Microporous Organic Polymers through Aldol Condensation. Macromolecules, 2011, 44, 6382-6388.	4.8	50
26	Synthesis of a C3-symmetric (1â†'6)-N-acetyl-Î²-d-glucosamine octadecasaccharide using click chemistry. Carbohydrate Research, 2005, 340, 2476-2482.	2.3	46
27	Fluorescent Conjugated Polyfluorene with Pendant Lactopyranosyl Ligands for Studies of Ca²⁺-Mediated Carbohydrateâ^'Carbohydrate Interaction. Biomacromolecules, 2010, 11, 13-19.	5.4	38
28	Imidazole-bearing tetraphenylethylene: fluorescent probe for metal ions based on AIE feature. New Journal of Chemistry, 2011, 35, 1667.	2.8	38
29	A novel fluorescent covalent organic framework containing boric acid groups for selective capture and sensing of cis-diol molecules. Nanoscale, 2020, 12, 23748-23755.	5.6	34
30	Guanidinium-based ionic covalent organic frameworks for capture of uranyl tricarbonate. Advanced Composites and Hybrid Materials, 2022, 5, 184-194.	21.1	34
31	Triazatriangulenium-based porous organic polymers for carbon dioxide capture. RSC Advances, 2015, 5, 90135-90143.	3.6	33
32	Functionalized triazine-based covalent organic frameworks containing quinoline via aza-Diels-Alder reaction for enhanced lithium-sulfur batteries performance. Journal of Colloid and Interface Science, 2022, 608, 652-661.	9.4	32
33	Water-soluble conjugated polyelectrolyte with pendant glycocluster: Synthesis and its interaction with heparin. Polymer, 2011, 52, 383-390.	3.8	31
34	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.	2.2	31
35	The First Total Synthesis of Sporiolide A. Journal of Organic Chemistry, 2006, 71, 8446-8451.	3.2	30
36	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.	3.3	30

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37	Triphenylamineâ€based fluorescent conjugated copolymers with pendant terpyridyl ligands as chemosensors for metal ions. Journal of Polymer Science Part A, 2010, 48, 1310-1316.	2.3	29
38	Ultra-stable fluorescent 2D covalent organic framework for rapid adsorption and selective detection of radioiodine. Microporous and Mesoporous Materials, 2021, 319, 111046.	4.4	29
39	Sugar-Functionalized Water-Soluble Cyclotriveratrylene Derivatives: Preparation and Interaction with Fullerene. Journal of Organic Chemistry, 2012, 77, 971-976.	3.2	27
40	Efficient and Selective Methane Borylation Through Pore Size Tuning of Hybrid Porous Organicâ€Polymerâ€Based Iridium Catalysts. Angewandte Chemie - International Edition, 2019, 58, 10671-10676.	13.8	27
41	Adenine-bearing covalent organic frameworks via one-pot tandem reaction for selective adsorption of Ag+. Microporous and Mesoporous Materials, 2021, 315, 110923.	4.4	27
42	Oneâ€dimensional PtFe hollow nanochains for the efficient oxygen reduction reaction. , 2022, 4, 1003-1010.		27
43	Glucosamine Hydrochloride Functionalized Waterâ€Soluble Conjugated Polyfluorene: Synthesis, Characterization, and Interactions with DNA. Macromolecular Rapid Communications, 2009, 30, 1651-1655.	3.9	26
44	Cu-MOF/Auâ€“Pd composite catalyst: preparation and catalytic performance evaluation. Journal of Materials Science, 2020, 55, 10388-10398.	3.7	26
45	Pyrimidineâ€Functionalized Covalent Organic Framework and its Cobalt Complex as an Efficient Electrocatalyst for Oxygen Evolution Reaction. ChemSusChem, 2021, 14, 4556-4562.	6.8	26
46	Prepolymerization and postpolymerization functionalization approaches to fluorescent conjugated carbazoleâ€based glycopolymers via â€œclick chemistryâ€. Journal of Polymer Science Part A, 2009, 47, 2948-2957.	2.3	25
47	Ruthenium Complex of sp² Carbonâ€Conjugated Covalent Organic Frameworks as an Efficient Electrocatalyst for Hydrogen Evolution. Small, 2022, 18, e2107750.	10.0	24
48	Porous organic polymers containing zinc porphyrin and phosphonium bromide as bifunctional catalysts for conversion of carbon dioxide. Journal of Materials Science, 2020, 55, 11856-11869.	3.7	23
49	Surface post-functionalization of COFs by economical strategy via multiple-component one-pot tandem reactions and their application in adsorption of pesticides. Advanced Composites and Hybrid Materials, 2022, 5, 1439-1449.	21.1	23
50	Boric acid functionalized triazine-based covalent organic frameworks with dual-function for selective adsorption and lithium-sulfur battery cathode. Chemical Engineering Journal, 2022, 437, 135314.	12.7	23
51	Sugar-functionalized water-soluble pillar[5]arene and its hostâ€“guest interaction with fullerene. RSC Advances, 2015, 5, 19041-19047.	3.6	21
52	Hypercrosslinked porous polycarbazoles from carbazolyl-bearing aldehydes or ketones. Polymer, 2018, 143, 87-95.	3.8	21
53	The first total synthesis of sporiolide B. Tetrahedron Letters, 2006, 47, 8489-8492.	1.4	20
54	Triphenylamine-based fluorescent conjugated glycopolymers: Synthesis, characterization and interactions with lectins. Polymer, 2009, 50, 2830-2835.	3.8	19

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55	Direct growth of MnO2 on highly porous nitrogen-doped carbon nanowires for asymmetric supercapacitors. Diamond and Related Materials, 2020, 108, 107988.	3.9	19
56	Recent Advance in Organic Porous Polycarbazoles: Preparation and Properties. Acta Chimica Sinica, 2015, 73, 541.	1.4	19
57	Gold nanoparticles encapsulated in hierarchical porous polycarbazole: preparation and application in catalytic reduction. RSC Advances, 2016, 6, 48543-48549.	3.6	18
58	Synthesis of sporiolide B from d-glucal. Carbohydrate Research, 2007, 342, 1405-1411.	2.3	17
59	Microporous polymeric microsphere via surfactant-free Suzuki coupling polymerization in a single-phase: Porosity and gas uptake. Polymer, 2012, 53, 2032-2037.	3.8	17
60	Synthesis of Novel Phosphoramide-Tegafur Derivatives Containing Aminopropylsilatrane. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1621-1627.	1.6	16
61	Polycarbazole and biomass-derived flexible nitrogen-doped porous carbon materials for gas adsorption and sensing. Journal of Materials Chemistry A, 2020, 8, 6804-6811.	10.3	16
62	Cationic covalent organic framework via cycloaddition reactions as sulfur-loaded matrix for lithium-sulfur batteries. Materials Today Chemistry, 2022, 23, 100664.	3.5	16
63	Isolated Co Atoms Anchored on Defective Nitrogenâ€doped Carbon Graphene as Efficient Oxygen Reduction Reaction Electrocatalysts. Energy and Environmental Materials, 2023, 6, .	12.8	16
64	Preparation and gas uptake of microporous organic polymers based on binaphthalene-containing spirocyclic tetraether. Polymer, 2013, 54, 2952-2957.	3.8	15
65	Facile synthesis of hierarchical triazine-based porous carbons for hydrogen storage. Microporous and Mesoporous Materials, 2016, 224, 129-134.	4.4	15
66	Fluorinated phenylpyridine iridium (III) complex based on metalâ€“organic framework as highly efficient heterogeneous photocatalysts for cross-dehydrogenative coupling reactions. Journal of Materials Science, 2020, 55, 9364-9373.	3.7	14
67	Facile synthesis of cleistetroside-2, a partially acetylated oligorhamnoside from Cleistopholis glauca and patens. Carbohydrate Research, 2007, 342, 1496-1501.	2.3	13
68	Synthesis of a fluorescence-labeled K30 antigen repeating unit using click chemistry. Carbohydrate Research, 2007, 342, 975-981.	2.3	12
69	A metal-organic frameworks composite catalyst containing platinum and polyoxometalate for direct conversion of methane. Materials Letters, 2022, 307, 131078.	2.6	11
70	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.	2.8	9
71	Micro/mesoporous conjugated fluorinated iron-porphyrin polymer: porosity and heterogeneous catalyst for oxidation. Advanced Composites and Hybrid Materials, 2018, 1, 696-704.	21.1	9
72	Fullerene-bearing porous polymer via ball-milling approach and its palladium composite for catalytic deallylation. Microporous and Mesoporous Materials, 2020, 302, 110187.	4.4	9

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73	Cationic cyclotriveratrylene-based glycoconjugate and its interaction with fullerene. RSC Advances, 2013, 3, 6985.	3.6	8
74	Boronic acid-functionalized porous polycarbazoles: preparation, adsorption performance, and heterogeneous catalysts for selective oxidation. Journal of Materials Science, 2018, 53, 15025-15033.	3.7	8
75	Nitrogen-doped porous carbon microsphere with high surface area for supercapacitors and capacitive deionization. Journal of Porous Materials, 2022, 29, 415-422.	2.6	8
76	Tetrazole-functionalized two-dimensional covalent organic frameworks coordinated with metal ions for electrocatalytic oxygen evolution reaction. Materials Today Chemistry, 2022, 24, 100777.	3.5	8
77	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.	2.2	7
78	Remarkably Enhanced CO2 Uptake and Uranium Extraction by Functionalization of Cyano-bearing Conjugated Porous Polycarbazoles. Engineered Science, 2019, , .	2.3	7
79	sp2 carbon-conjugated covalent organic frameworks for efficient photocatalytic degradation and visualized pH detection. Materials Today Chemistry, 2022, 25, 100962.	3.5	7
80	Functionalization and Fabrication of Soluble Polymers of Intrinsic Microporosity for CO2 Transformation and Uranium Extraction. Engineered Science, 2018, , .	2.3	5
81	A novel fluorescent covalent organic framework for the selective detection of fluoride ion. Journal of Materials Science, 2022, 57, 13425-13432.	3.7	5
82	Synthesis of water-soluble fluorescent polymeric glycoconjugate for the detection of cholera toxin. Designed Monomers and Polymers, 2019, 22, 150-158.	1.6	4
83	Efficient and Selective Methane Borylation Through Pore Size Tuning of Hybrid Porous Organicâ€Polymerâ€Based Iridium Catalysts. Angewandte Chemie, 2019, 131, 10781-10786.	2.0	4
84	Synthesis of 3D graphene/MnO2 nanocomposites with hierarchically porous structure for water purification. Journal of Porous Materials, 2022, 29, 983-990.	2.6	4
85	Fluorescent difluoroboron covalent organic frameworks via N, O-bidentate ligation. Materials Letters, 2022, 315, 131951.	2.6	4
86	2D COFs paper composites fabricated by the in situ growth for visual detection of target metal ions. Materials Chemistry and Physics, 2022, 286, 126208.	4.0	4
87	Noble metal nanoparticles supported on MOF nanorods and their catalytic applications. Journal of Porous Materials, 2022, 29, 97-102.	2.6	3
88	Palladium complex composites based on fullerene encapsulated in porous zinc porphyrin polymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 0, , 1-8.	2.2	2
89	Carbohydrate-Functionalized AIE-Active Molecules as Luminescent Probes for Biosensing. , 2013, , 189-207.		0
90	Metal phenanthroline-based porous polymeric hybrid catalysts for direct conversion of methane. Journal of Porous Materials, 2021, 28, 487-493.	2.6	0

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91	Triptycene-Based Microporous Poly(diaminophosphazene). Acta Chimica Sinica, 2015, 73, 617.	1.4	0