Rong Cao

List of Publications by Year
in descending order

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576	31,015	4103	10679
papers	citations	90	143
		h-index	g-index

593	593	593	24261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Post-modification of metal-organic framework for improved CO2 photoreduction efficiency. Chinese Chemical Letters, 2023, 34, 107311.	4.8	5
2	Building Block Symmetry Relegation Induces Mesopore and Abundant Open-Metal Sites in Metalâ€“Organic Frameworks for Cancer Therapy. CCS Chemistry, 2022, 4, 996-1006.	4.6	16
3	Open Framework Material Based Thin Films: Electrochemical Catalysis and Stateâ€ofâ€theâ€art Technologies. Advanced Energy Materials, 2022, 12, 2003499.	10.2	25
4	Metal-organic frameworks bonded with metal N-heterocyclic carbenes for efficient catalysis. National Science Review, 2022, 9, .	4.6	92
5	FT-ICR mass spectrometry for molecular characterization of water-insoluble organic compounds in winter atmospheric fine particulate matters. Journal of Environmental Sciences, 2022, 111, 51-60.	3.2	5
6	Molecular chemodiversity of water-soluble organic matter in atmospheric particulate matter and their associations with atmospheric conditions. Science of the Total Environment, 2022, 809, 151171.	3.9	6
7	Characteristics of PAHs, PCDD/Fs, PCBs and PCNs in atmospheric fine particulate matter in Dalian, China. Chemosphere, 2022, 288, 132488.	4.2	5
8	<scp>Longâ€Lived Roomâ€Temperature</scp> Phosphorescence Based on Hydrogen Bonding <scp>Selfâ€Assembling</scp> Supramolecular Film. Chinese Journal of Chemistry, 2022, 40, 487-492.	2.6	10
9	Boron-doped Covalent Triazine Framework for Efficient CO2 Electroreduction. Chemical Research in Chinese Universities, 2022, 38, 141-146.	1.3	9
10	Accumulation characteristics of polychlorinated dibenzo-p-dioxins and dibenzofurans and polychlorinated biphenyls in human breast milk from a seaside city of North China. Environmental Pollution, 2022, 297, 118794.	3.7	6
11	Graphene Quantum Dots Supported on Fe-based Metal-Organic Frameworks for Efficient Photocatalytic CO₂ Reduction^{â€»}. Acta Chimica Sinica, 2022, 80, 22.	0.5	16
12	Hydrophobic perfluoroalkane modified metalâ€organic frameworks for the enhanced electrocatalytic reduction of CO₂. SmartMat, 2022, 3, 163-172.	6.4	23
13	A highly stable Zn₉-pyrazolate metalâ€“organic framework with metallosalen ligands as a carbon dioxide cycloaddition catalyst. Inorganic Chemistry Frontiers, 2022, 9, 1812-1818.	3.0	16
14	Three-dimensional porphyrinic covalent organic frameworks for highly efficient electroreduction of carbon dioxide. Journal of Materials Chemistry A, 2022, 10, 4653-4659.	5.2	50
15	Facile synthesis of compact CdSâ€“CuS heterostructures for optimal CO₂-to-syngas photoconversion. Inorganic Chemistry Frontiers, 2022, 9, 2150-2160.	3.0	7
16	Spiral effect of helical carbon nanorods boosting electrocatalysis of oxygen reduction reaction. Science China Materials, 2022, 65, 1531-1538.	3.5	6
17	A Grapheneâ€Supported Copper Complex as Siteâ€Isolated Catalyst for Electrochemical CO₂ Reduction. ChemElectroChem, 2022, 9, .	1.7	1
18	Engineering Hierarchical Architecture of Metalâ€Organic Frameworks for Highly Efficient Overall CO₂ Photoreduction. Small, 2022, 18, e2200407.	5.2	29

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19	Ni single-atom sites supported on carbon aerogel for highly efficient electroreduction of carbon dioxide with industrial current densities. EScience, 2022, 2, 295-303.	25.0	81
20	Residual levels and health risk assessment of rare earth elements in Chinese resident diet: A market-based investigation. Science of the Total Environment, 2022, 828, 154119.	3.9	19
21	Partial Metalation of Porphyrin Moieties in Hydrogenâ€Bonded Organic Frameworks Provides Enhanced CO₂ Photoreduction Activity. Angewandte Chemie, 2022, 134, .	1.6	4
22	Partial Metalation of Porphyrin Moieties in Hydrogenâ€Bonded Organic Frameworks Provides Enhanced CO₂ Photoreduction Activity. Angewandte Chemie - International Edition, 2022, 61, .	7.2	42
23	Ultrasmall Mo₂C Embedded in Nâ€Doped Holey Carbon for Highâ€Efficiency Electrochemical Oxygen Reduction Reaction. ChemElectroChem, 2022, 9, .	1.7	2
24	Reticular Synthesis of Hydrogenâ€Bonded Organic Frameworks and Their Derivatives via Mechanochemistry. Angewandte Chemie - International Edition, 2022, 61, .	7.2	28
25	Facile Preparation of Hydrogen-Bonded Organic Framework/Cu₂O Heterostructure Films via Electrophoretic Deposition for Efficient CO₂ Photoreduction. ACS Applied Materials & Interfaces, 2022, 14, 21050-21058.	4.0	16
26	Reticular Synthesis of Hydrogenâ€Bonded Organic Frameworks and Their Derivatives via Mechanochemistry. Angewandte Chemie, 2022, 134, .	1.6	5
27	Monolayer NiIr-Layered Double Hydroxide as a Long-Lived Efficient Oxygen Evolution Catalyst for Seawater Splitting. Journal of the American Chemical Society, 2022, 144, 9254-9263.	6.6	133
28	Morphology and composition dependence of multicomponent Cu-based nanoreactor for tandem electrocatalysis CO2 reduction. Applied Catalysis B: Environmental, 2022, 314, 121498.	10.8	39
29	Back Cover: Partial Metalation of Porphyrin Moieties in Hydrogenâ€Bonded Organic Frameworks Provides Enhanced CO₂ Photoreduction Activity (Angew. Chem. Int. Ed. 28/2022). Angewandte Chemie - International Edition, 2022, 61, .	7.2	3
30	Highly efficient electroreduction of CO2 by defect single-atomic Ni-N3 sites anchored on ordered micro-macroporous carbons. Science China Chemistry, 2022, 65, 1584-1593.	4.2	35
31	RÃ¼cktitelbild: Partial Metalation of Porphyrin Moieties in Hydrogenâ€Bonded Organic Frameworks Provides Enhanced CO₂ Photoreduction Activity (Angew. Chem. 28/2022). Angewandte Chemie, 2022, 134, .	1.6	0
32	A CO₂â€Masked Carbene Functionalized Covalent Organic Framework for Highly Efficient Carbon Dioxide Conversion. Angewandte Chemie, 2022, 134, .	1.6	9
33	Self-Assembly of Imidazolium-Functionalized Zr-Based Metalâ€“Organic Polyhedra for Catalytic Conversion of CO₂ into Cyclic Carbonates. Inorganic Chemistry, 2021, 60, 2112-2116.	1.9	34
34	Construction of Donorâ€“Acceptor Heterojunctions in Covalent Organic Framework for Enhanced CO₂Electroreduction. Small, 2021, 17, e2004933.	5.2	95
35	The effect of toxic components on metabolomic response of male SD rats exposed to fine particulate matter. Environmental Pollution, 2021, 272, 115922.	3.7	11
36	Effect of short-chain chlorinated paraffins on metabolic profiling of male SD rats. Science of the Total Environment, 2021, 750, 141404.	3.9	12

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37	Template-free synthesis of non-noble metal single-atom electrocatalyst with N-doped holey carbon matrix for highly efficient oxygen reduction reaction in zinc-air batteries. Applied Catalysis B: Environmental, 2021, 285, 119780.	10.8	68
38	Inhibition Effect and Mechanism of Thiourea on Electrophilic Chlorination of Aromatics in Combustion Flue Gas. Environmental Science & Technology, 2021, 55, 700-708.	4.6	6
39	Cucurbit[6]uril@MIL-101-Cl: loading polar porous cages in mesoporous stable host for enhanced SO₂ adsorption at low pressures. Nanoscale, 2021, 13, 15952-15962.	2.8	8
40	Engineering cation defect-mediated Z-scheme photocatalysts for a highly efficient and stable photocatalytic hydrogen production. Journal of Materials Chemistry A, 2021, 9, 7759-7766.	5.2	54
41	Enhanced selectivity and stability towards CO₂ reduction of sub-5 nm Au NPs derived from supramolecular assembly. Chemical Communications, 2021, 57, 2491-2494.	2.2	6
42	Single-crystal-to-single-crystal transformation of tetrathiafulvalene-based hydrogen-bonded organic frameworks. CrystEngComm, 2021, 23, 4743-4747.	1.3	18
43	Promoted photocarrier transfer and increased active sites for optimal CO₂-to-CH₄ photoconversion via the modification of atomically dispersed transition metal ions in CdZnS nanocrystals. Journal of Materials Chemistry A, 2021, 9, 20350-20355.	5.2	7
44	Comparative Evaluation of Different MOF and Nonâ€MOF Porous Materials for SO₂ÂAdsorption and Separation Showing the Importance of Small Pore Diameters for Lowâ€Pressure Uptake. Advanced Sustainable Systems, 2021, 5, 2000285.	2.7	43
45	Significantly Enhanced Overall Water Splitting Performance by Partial Oxidation of Ir through Au Modification in Coreâ€“Shell Alloy Structure. Journal of the American Chemical Society, 2021, 143, 4639-4645.	6.6	160
46	Visible-light-mediated aerobic oxidation of toluene via V2O5@CN boosting benzylic C(sp3) H bond activation. Journal of Catalysis, 2021, 395, 227-235.	3.1	21
47	Levels and patterns of polychlorinated dibenzo-p-dioxins and dibenzofurans and polychlorinated biphenyls in foodstuffs of animal origin from Chinese markets and implications of dietary exposure. Environmental Pollution, 2021, 273, 116344.	3.7	13
48	Spatial Sites Separation Strategy to Fabricate Atomically Isolated Nickel Catalysts for Efficient CO2 Electroreduction. , 2021, 3, 454-461.		34
49	Conductive Twoâ€Dimensional Phthalocyanineâ€based Metalâ€“Organic Framework Nanosheets for Efficient Electroreduction of CO₂. Angewandte Chemie - International Edition, 2021, 60, 17108-17114.	7.2	213
50	Cucurbiturilâ€verkapselnde metallorganische GerÃ¼stverbindung Ã¼ber Mechanochemie: Adsorbentien mit verbesserter Leistung. Angewandte Chemie, 2021, 133, 15493-15498.	1.6	2
51	Cucurbiturilâ€Encapsulating Metalâ€“Organic Framework via Mechanochemistry: Adsorbents with Enhanced Performance. Angewandte Chemie - International Edition, 2021, 60, 15365-15370.	7.2	19
52	Conductive Twoâ€Dimensional Phthalocyanineâ€based Metalâ€“Organic Framework Nanosheets for Efficient Electroreduction of CO₂. Angewandte Chemie, 2021, 133, 17245-17251.	1.6	48
53	Accumulation characteristics and estimated dietary intakes of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and polychlorinated biphenyls in plant-origin foodstuffs from Chinese markets. Science of the Total Environment, 2021, 775, 145830.	3.9	12
54	Zirconium and Aluminum MOFs for Low-Pressure SO₂ Adsorption and Potential Separation: Elucidating the Effect of Small Pores and NH₂ Groups. ACS Applied Materials & Interfaces, 2021, 13, 29137-29149.	4.0	59

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55	Conductive phthalocyanine-based metal-organic framework as a highly efficient electrocatalyst for carbon dioxide reduction reaction. Science China Chemistry, 2021, 64, 1332-1339.	4.2	68
56	Einlagerung und Abtrennung von SO 2 â€Spuren in Metallâ€organischen GerÃ¼stverbindungen durch prÃsynthetische Anpassung der Porenumgebung mit Methylgruppen. Angewandte Chemie, 2021, 133, 18145-18153.	1.6	6
57	Capture and Separation of SO₂ Traces in Metalâ€“Organic Frameworks via Preâ€Synthetic Pore Environment Tailoring by Methyl Groups. Angewandte Chemie - International Edition, 2021, 60, 17998-18005.	7.2	92
58	Porous Metalâ€“Organic Framework Liquids for Enhanced CO₂ Adsorption and Catalytic Conversion. Angewandte Chemie - International Edition, 2021, 60, 20915-20920.	7.2	120
59	Porous Metalâ€“Organic Framework Liquids for Enhanced CO₂ Adsorption and Catalytic Conversion. Angewandte Chemie, 2021, 133, 21083-21088.	1.6	39
60	Fast and efficient removal of mercury ions using zirconium-based metalâ€“organic framework filter membranes. Inorganic Chemistry Communication, 2021, 131, 108796.	1.8	5
61	Multifunctional Gold Nanoparticles@Imidazolium-Based Cationic Covalent Triazine Frameworks for Efficient Tandem Reactions. CCS Chemistry, 2021, 3, 2368-2380.	4.6	55
62	Highly Selective Tandem Electroreduction of CO₂ to Ethylene over Atomically Isolated Nickelâ€“Nitrogen Site/Copper Nanoparticle Catalysts. Angewandte Chemie, 2021, 133, 25689-25696.	1.6	31
63	Recent progress in the removal of mercury ions from water based MOFs materials. Coordination Chemistry Reviews, 2021, 443, 214034.	9.5	93
64	Highly Selective Tandem Electroreduction of CO₂ to Ethylene over Atomically Isolated Nickelâ€“Nitrogen Site/Copper Nanoparticle Catalysts. Angewandte Chemie - International Edition, 2021, 60, 25485-25492.	7.2	168
65	Effect of urea on chlorinated aromatics formation mediated by copper and iron species in combustion flue gas. Chemosphere, 2021, 280, 130963.	4.2	0
66	Boosting photocatalytic hydrogen production coupled with benzyl alcohol oxidation over CdS/metalâ€“organic framework composites. Chemical Engineering Journal, 2021, 421, 129870.	6.6	65
67	Suppressing the formation of chlorinated aromatics by inhibitor sodium thiocyanate in solid waste incineration process. Science of the Total Environment, 2021, 798, 149154.	3.9	8
68	Soluble imidazolium-functionalized coordination cages for efficient homogeneous catalysis of CO₂ cycloaddition reactions. Chemical Communications, 2021, 57, 2140-2143.	2.2	17
69	Zirconium-Based Metalâ€“Organic Framework Particle Films for Visible-Light-Driven Efficient Photoreduction of CO₂. ACS Sustainable Chemistry and Engineering, 2021, 9, 2319-2325.	3.2	41
70	Harnessing Electrostatic Interactions for Enhanced Conductivity in Metal-Organic Frameworks. Research, 2021, 2021, 9874273.	2.8	6
71	Reticular frameworks and their derived materials for CO2 conversion by thermoâ˜catalysis. EnergyChem, 2021, 3, 100064.	10.1	52
72	Near-infrared photothermal performance of a metalâ€“organic framework-based composite. Dalton Transactions, 2021, 50, 17499-17505.	1.6	4

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73	Rational design of metallic anti-corrosion coatings based on zinc gluconate@ZIF-8. Chemical Engineering Journal, 2020, 384, 123389.	6.6	94
74	Mechanistic aspects of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) formation from chlorine bleaching of non-wood pulp. Journal of Hazardous Materials, 2020, 386, 121652.	6.5	6
75	Encapsulation of a Porous Organic Cage into the Pores of a Metalâ€“Organic Framework for Enhanced CO₂ Separation. Angewandte Chemie - International Edition, 2020, 59, 6068-6073.	7.2	50
76	Encapsulation of a Porous Organic Cage into the Pores of a Metalâ€“Organic Framework for Enhanced CO₂ Separation. Angewandte Chemie, 2020, 132, 6124-6129.	1.6	15
77	Visible-light-mediated high-efficiency catalytic oxidation of sulfides using wrinkled C3N4 nanosheets. Journal of Catalysis, 2020, 381, 579-589.	3.1	42
78	Encapsulating metal organic framework into hollow mesoporous carbon sphere as efficient oxygen bifunctional electrocatalyst. National Science Review, 2020, 7, 609-619.	4.6	95
79	Integration of metalloporphyrin into cationic covalent triazine frameworks for the synergistically enhanced chemical fixation of CO₂. Catalysis Science and Technology, 2020, 10, 8026-8033.	2.1	34
80	Highly Selective CO₂ Electroreduction to CH₄ by Inâ€…Situ Generated Cu₂O Singleâ€Type Sites on a Conductive MOF: Stabilizing Key Intermediates with Hydrogen Bonding. Angewandte Chemie, 2020, 132, 23849-23856.	1.6	70
81	Electrocatalytic Reduction Catalysts: Hollow Mesoporous Carbon Sphere Loaded Niâ€“N₄ Singleâ€Atom: Support Structure Study for CO₂ Electrocatalytic Reduction Catalyst (Small) Tj ETQq1 1 0.784314 rgBT /Ov	1.6	14
82	Conductive Phthalocyanineâ€Based Covalent Organic Framework for Highly Efficient Electroreduction of Carbon Dioxide. Small, 2020, 16, e2005254.	5.2	128
83	Aluminum Metalâ€“Organic Frameworkâ€“Silver Nanoparticle Composites for Catalytic Reduction of Nitrophenols. ACS Applied Nano Materials, 2020, 3, 11426-11433.	2.4	27
84	An Electrochromic Hydrogenâ€Bonded Organic Framework Film. Angewandte Chemie - International Edition, 2020, 59, 22392-22396.	7.2	97
85	An Electrochromic Hydrogenâ€Bonded Organic Framework Film. Angewandte Chemie, 2020, 132, 22578-22582.	1.6	14
86	Visible-light-driven photocatalytic hydrogen production coupled with selective oxidation of benzyl alcohol over CdS@MoS2 heterostructures. Science China Materials, 2020, 63, 2239-2250.	3.5	67
87	Visible-light-driven photocatalytic selective organic oxidation reactions. Journal of Materials Chemistry A, 2020, 8, 20897-20924.	5.2	60
88	Highly Selective CO₂ Electroreduction to CH₄ by Inâ€…Situ Generated Cu₂O Singleâ€Type Sites on a Conductive MOF: Stabilizing Key Intermediates with Hydrogen Bonding. Angewandte Chemie - International Edition, 2020, 59, 23641-23648.	7.2	335
89	Hollow Mesoporous Carbon Sphere Loaded Niâ€“N₄ Singleâ€Atom: Support Structure Study for CO₂ Electrocatalytic Reduction Catalyst. Small, 2020, 16, e2003943.	5.2	82
90	Frontispiece: Highly Selective CO₂ Electroreduction to CH₄ by Inâ€…Situ Generated Cu₂O Singleâ€Type Sites on a Conductive MOF: Stabilizing Key Intermediates with Hydrogen Bonding. Angewandte Chemie - International Edition, 2020, 59, .	7.2	1

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91	Frontispiz: Highly Selective CO₂ Electroreduction to CH₄ by Inâ€…Situ Generated Cu₂O Singleâ€Type Sites on a Conductive MOF: Stabilizing Key Intermediates with Hydrogen Bonding. Angewandte Chemie, 2020, 132, .	1.6	0
92	Multipod Pd-Cucurbit[6]uril as an Efficient Bifunctional Electrocatalyst for Ethanol Oxidation and Oxygen Reduction Reactions. ACS Sustainable Chemistry and Engineering, 2020, 8, 9217-9225.	3.2	25
93	Fabrication of Lanthanide-Functionalized Hydrogen-Bonded Organic Framework Films for Ratiometric Temperature Sensing by Electrophoretic Deposition. ACS Applied Materials & Interfaces, 2020, 12, 29854-29860.	4.0	18
94	Ptâ€“Co truncated octahedral nanocrystals: a class of highly active and durable catalysts toward oxygen reduction. Nanoscale, 2020, 12, 11718-11727.	2.8	13
95	CdZnS nanorods with rich sulphur vacancies for highly efficient photocatalytic hydrogen production. Chemical Communications, 2020, 56, 7765-7768.	2.2	67
96	The Relevance of Size Matching in Selfâ€assembly: Impact on Regioâ€and Chemoselective Cocrystallizations. Chemistry - A European Journal, 2020, 26, 11701-11704.	1.7	5
97	Imidazoliumâ€Functionalized Cationic Covalent Triazine Frameworks Stabilized Copper Nanoparticles for Enhanced CO₂ Electroreduction. ChemCatChem, 2020, 12, 3530-3536.	1.8	31
98	Boosting Interfacial Charge-Transfer Kinetics for Efficient Overall CO₂ Photoreduction via Rational Design of Coordination Spheres on Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2020, 142, 12515-12523.	6.6	289
99	Visible-light-driven selective alcohol dehydrogenation and hydrogenolysis via the Mott Schottky effect. Journal of Materials Chemistry A, 2020, 8, 6854-6862.	5.2	17
100	Removal of anionic hexavalent chromium and methyl orange pollutants by using imidazolium-based mesoporous poly(ionic liquid)s as efficient adsorbents in column. Journal of Hazardous Materials, 2020, 392, 122496.	6.5	38
101	Synergistic effect of mixed Cu and Fe oxides and chlorides on electrophilic chlorination of dibenzo-p-dioxin and dibenzofuran. Science of the Total Environment, 2020, 721, 137563.	3.9	9
102	Localized surface plasmon resonance enhanced visible-light-driven CO₂ photoreduction in Cu nanoparticle loaded ZnInS solid solutions. Nanoscale, 2020, 12, 15169-15174.	2.8	30
103	Encapsulating polyaniline within porous MIL-101 for high-performance corrosion protection. Journal of Colloid and Interface Science, 2020, 579, 842-852.	5.0	45
104	A highly efficient diatomic nickel electrocatalyst for CO₂ reduction. Chemical Communications, 2020, 56, 8798-8801.	2.2	34
105	Ultrafine Ru nanoclusters anchored on cucurbit[6]uril/rGO for efficient hydrogen evolution in a broad pH range. Chemical Communications, 2020, 56, 9392-9395.	2.2	9
106	Unraveling the relationship of the pore structures between the metal-organic frameworks and their derived carbon materials. Inorganic Chemistry Communication, 2020, 114, 107825.	1.8	11
107	Integration of Strong Electron Transporter Tetrathiafulvalene into Metalloporphyrin-Based Covalent Organic Framework for Highly Efficient Electroreduction of CO₂. ACS Energy Letters, 2020, 5, 1005-1012.	8.8	180
108	Nitrogen and sulfur dual-doped hollow mesoporous carbon spheres as efficient metal-free catalyst for oxygen reduction reaction. Inorganic Chemistry Communication, 2020, 114, 107848.	1.8	21

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109	Visible-light-driven photocatalytic H₂ evolution over CdZnS nanocrystal solid solutions: interplay of twin structures, sulfur vacancies and sacrificial agents. Journal of Materials Chemistry A, 2020, 8, 3882-3891.	5.2	121
110	A Comparison of Two Isoreticular Metalâ€“Organic Frameworks with Cationic and Neutral Skeletons: Stability, Mechanism, and Catalytic Activity. Angewandte Chemie, 2020, 132, 4415-4420.	1.6	10
111	The sandwich-like structures of polydopamine and 8-hydroxyquinoline coated graphene oxide for excellent corrosion resistance of epoxy coatings. Journal of Colloid and Interface Science, 2020, 565, 436-448.	5.0	64
112	A Comparison of Two Isoreticular Metalâ€“Organic Frameworks with Cationic and Neutral Skeletons: Stability, Mechanism, and Catalytic Activity. Angewandte Chemie - International Edition, 2020, 59, 4385-4390.	7.2	56
113	Atomically dispersed Ni species on N-doped carbon nanotubes for electroreduction of CO2 with nearly 100% CO selectivity. Applied Catalysis B: Environmental, 2020, 271, 118929.	10.8	158
114	Mass balance and elimination mechanism of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) during the kraft pulping process. Journal of Hazardous Materials, 2020, 398, 122819.	6.5	7
115	Tuning the Structure and Hydrolysis Stability of Calcium Metalâ€“Organic Frameworks through Integrating Carboxylic/Phosphinic/Phosphonic Groups in Building Blocks. Crystal Growth and Design, 2020, 20, 8021-8027.	1.4	10
116	An easy and low-cost method of embedding chiral molecules in metalâ€“organic frameworks for enantioseparation. Chemical Communications, 2020, 56, 7459-7462.	2.2	25
117	Trace of molecular doping in metalâ€“organic frameworks: drastic change in the electronic band structure with a preserved topology and porosity. Journal of Materials Chemistry A, 2020, 8, 12370-12377.	5.2	9
118	A chemically stable cucurbit[6]uril-based hydrogen-bonded organic framework for potential SO₂/CO₂ separation. Journal of Materials Chemistry A, 2020, 8, 19799-19804.	5.2	32
119	Designing a Bifunctional BrÃ¸nsted Acidâ€“Base Heterogeneous Catalyst Through Precise Installation of Ligands on Metalâ€“Organic Frameworks. CCS Chemistry, 2020, 2, 616-622.	4.6	24
120	Creating Giant Secondary Building Layers via Alkali-Etching Exfoliation for Precise Synthesis of Metalâ€“Organic Frameworks. Chemistry of Materials, 2019, 31, 7584-7589.	3.2	35
121	Replacing PVP by macrocycle cucurbit[6]uril to cap sub-5 nm Pd nanocubes as highly active and durable catalyst for ethanol electrooxidation. Nano Research, 2019, 12, 2628-2633.	5.8	14
122	Ultra-small Pd nanoparticles derived from a supramolecular assembly for enhanced electrochemical reduction of CO₂ to CO. Chemical Communications, 2019, 55, 9805-9808.	2.2	18
123	Enhanced corrosion protective performance of graphene oxide-based composite films on AZ31 magnesium alloys in 3.5â€¯wt% NaCl solution. Applied Surface Science, 2019, 493, 1224-1235.	3.1	39
124	Hypercrosslinked mesoporous poly(ionic liquid)s with high density of ion pairs: Efficient adsorbents for Cr(VI) removal via ion-exchange. Chemical Engineering Journal, 2019, 378, 122107.	6.6	77
125	Nâ€Ðoped Carbon Aerogel Derived from a Metalâ€“Organic Framework Foam as an Efficient Electrocatalyst for Oxygen Reduction. Chemistry - an Asian Journal, 2019, 14, 3642-3647.	1.7	18
126	Molecular characterization of dissolved organic matters in winter atmospheric fine particulate matters (PM2.5) from a coastal city of northeast China. Science of the Total Environment, 2019, 689, 312-321.	3.9	35

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127	Integration of metabolomics and transcriptomics reveals short-chain chlorinated paraffin-induced hepatotoxicity in male Sprague-Dawley rat. Environment International, 2019, 133, 105231.	4.8	48
128	Highly Active Photocatalyst of CuO_x Modified TiO₂ Arrays for Hydrogen Generation. Crystal Growth and Design, 2019, 19, 5784-5790.	1.4	12
129	One-Step Carbothermal Synthesis of Robust CdS@BPC Photocatalysts in the Presence of Biomass Porous Carbons. ACS Sustainable Chemistry and Engineering, 2019, 7, 16835-16842.	3.2	31
130	Decamethylcucurbit[5]uril based supramolecular assemblies as efficient electrocatalysts for the oxygen reduction reaction. Chemical Communications, 2019, 55, 11687-11690.	2.2	4
131	In Honor of Professor Xintao Wu on the Occasion of His Eightieth Birthday. Crystal Growth and Design, 2019, 19, 5457-5459.	1.4	0
132	Dual-Emissive Metalâ€“Organic Framework as a Fluorescent â€œSwitchâ€•for Ratiometric Sensing of Hypochlorite and Ascorbic Acid. Inorganic Chemistry, 2019, 58, 13360-13369.	1.9	94
133	Boosting photocatalytic oxidative coupling of amines by a Ru-complex-sensitized metal-organic framework. Journal of Catalysis, 2019, 378, 248-255.	3.1	44
134	Cobalt single-atoms anchored on porphyrinic triazine-based frameworks as bifunctional electrocatalysts for oxygen reduction and hydrogen evolution reactions. Journal of Materials Chemistry A, 2019, 7, 1252-1259.	5.2	152
135	Controlled nitrite anion encapsulation and release in the molecular cavity of decamethylcucurbit[5]uril: solution and solid state studies. Inorganic Chemistry Frontiers, 2019, 6, 303-308.	3.0	3
136	Solid-state synthesis of MoS2 nanorod from molybdenum-organic framework for efficient hydrogen evolution reaction. Science China Materials, 2019, 62, 965-972.	3.5	37
137	Unraveling the relationship between the morphologies of metalâ€“organic frameworks and the properties of their derived carbon materials. Dalton Transactions, 2019, 48, 7211-7217.	1.6	23
138	Robust Microporous Porphyrin-Based Hydrogen-Bonded Organic Framework for Highly Selective Separation of C₂ Hydrocarbons versus Methane. Crystal Growth and Design, 2019, 19, 4157-4161.	1.4	33
139	Controlled growth of ZnS/ZnO heterojunctions on porous biomass carbons via one-step carbothermal reduction enables visible-light-driven photocatalytic H₂ production. Inorganic Chemistry Frontiers, 2019, 6, 2035-2042.	3.0	32
140	Poly(ionic liquid)s with high density of nucleophile /electrophile for CO2 fixation to cyclic carbonates at mild conditions. Journal of CO2 Utilization, 2019, 32, 281-289.	3.3	59
141	Facile Synthesis of Oriented Feather-like TiO₂ Bundle Catalysts for Efficient Photocatalytic Water Splitting. Crystal Growth and Design, 2019, 19, 3584-3591.	1.4	15
142	Photocatalytic Degradation of Tetracycline Antibiotics over CdS/Nitrogen-Dopedâ€“Carbon Composites Derived from in Situ Carbonization of Metalâ€“Organic Frameworks. ACS Sustainable Chemistry and Engineering, 2019, 7, 10847-10854.	3.2	159
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