Rong Cao

List of Publications by Year
in descending order

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576	31,015	3525 90	9334 143
papers	citations	h-index	g-index

593	593	593	21655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multifunctional metalâ€“organic framework catalysts: synergistic catalysis and tandem reactions. Chemical Society Reviews, 2017, 46, 126-157.	18.7	1,554
2	Metalâ€“organic frameworks based on flexible ligands (FL-MOFs): structures and applications. Chemical Society Reviews, 2014, 43, 5867-5895.	18.7	739
3	Syntheses and Characterizations of Three-Dimensional Channel-like Polymeric Lanthanide Complexes Constructed by 1,2,4,5-Benzenetetracarboxylic Acid. Inorganic Chemistry, 2002, 41, 2087-2094.	1.9	473
4	Postsynthetic ionization of an imidazole-containing metalâ€“organic framework for the cycloaddition of carbon dioxide and epoxides. Chemical Science, 2017, 8, 1570-1575.	3.7	346
5	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
6	Metalâ€“organic frameworks and porous organic polymers for sustainable fixation of carbon dioxide into cyclic carbonates. Coordination Chemistry Reviews, 2019, 378, 32-65.	9.5	329
7	An Ultraâ€Robust and Crystalline Redeemable Hydrogenâ€Bonded Organic Framework for Synergistic Chemoâ€Photodynamic Therapy. Angewandte Chemie - International Edition, 2018, 57, 7691-7696.	7.2	303
8	A Silver(I) Coordination Polymer Chain Containing Nanosized Tubes with Anionic and Solvent Molecule Guests. Angewandte Chemie - International Edition, 2000, 39, 2468-2470.	7.2	295
9	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
10	A Robust Binary Supramolecular Organic Framework (SOF) with High CO₂ Adsorption and Selectivity. Journal of the American Chemical Society, 2014, 136, 12828-12831.	6.6	287
11	Atomically Dispersed Ironâ€“Nitrogen Active Sites within Porphyrinic Triazine-Based Frameworks for Oxygen Reduction Reaction in Both Alkaline and Acidic Media. ACS Energy Letters, 2018, 3, 883-889.	8.8	273
12	A Multifunctional 3D Ferroelectric and NLO-Active Porous Metalâ€'Organic Framework. Journal of the American Chemical Society, 2009, 131, 6894-6895.	6.6	264
13	MOF-808: A Metalâ€“Organic Framework with Intrinsic Peroxidase-Like Catalytic Activity at Neutral pH for Colorimetric Biosensing. Inorganic Chemistry, 2018, 57, 9096-9104.	1.9	258
14	Syntheses, Structures, and Magnetic Properties of Two Gadolinium(III)â€“Copper(II) Coordination Polymers by a Hydrothermal Reaction. Angewandte Chemie - International Edition, 2000, 39, 3304-3307.	7.2	250
15	Two Three-Dimensional Metalâ€'Organic Frameworks Containing One-Dimensional Hydroxyl/Carboxylate Mixed Bridged Metal Chains:Â Syntheses, Crystal Structures, and Magnetic Properties. Inorganic Chemistry, 2006, 45, 1508-1516.	1.9	221
16	A Nanometer-Sized Metallosupramolecular Cube withOhSymmetry. Journal of the American Chemical Society, 2000, 122, 4819-4820.	6.6	215
17	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
18	Syntheses and Characterizations of Copper(II) Polymeric Complexes Constructed from 1,2,4,5-Benzenetetracarboxylic Acid. Inorganic Chemistry, 2002, 41, 6161-6168.	1.9	210

#	Article	IF	Citations
19	Metalâ€“organic framework thin films: electrochemical fabrication techniques and corresponding applications & perspectives. Journal of Materials Chemistry A, 2016, 4, 12356-12369.	5.2	210
20	Photochromic hybrid materials of cucurbituril and polyoxometalates as photocatalysts under visible light. Chemical Communications, 2012, 48, 669-671.	2.2	209
21	A Semiconducting Lamella Polymer [{Ag(C ₅ H ₄ NS)} _n] with a Graphiteâ€Like Array of Silver(<scp>I</scp>) Ions and Its Analogue with a Layered Structure. Angewandte Chemie - International Edition, 2000, 39, 2911-2914.	7.2	204
22	Enantioselective addition of diethylzinc to aromatic aldehydes catalyzed by Ti(BINOL) complex. Tetrahedron: Asymmetry, 1997, 8, 585-589.	1.8	195
23	Cucurbituril: A promising organic building block for the design of coordination compounds and beyond. Coordination Chemistry Reviews, 2013, 257, 1334-1356.	9.5	191
24	Efficient Capture and Effective Sensing of Cr₂O₇^{2â€“} from Water Using a Zirconium Metalâ€“Organic Framework. Inorganic Chemistry, 2017, 56, 14178-14188.	1.9	189
25	Hydrothermal syntheses, structures and properties of terephthalate-bridged polymeric complexes with zig-zag chain and channel structures. Dalton Transactions RSC, 2001, , 2335-2340.	2.3	180
26	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
27	Palladium Nanoparticles Encapsulated in a Metalâ€“Organic Framework as Efficient Heterogeneous Catalysts for Direct C2 Arylation of Indoles. Chemistry - A European Journal, 2011, 17, 12706-12712.	1.7	177
28	A new type of three-dimensional framework constructed from dodecanuclear cadmium(ii) macrocyclesElectronic supplementary information (ESI) available: Synthesis of 1 Figures S1â€“S4. See http://www.rsc.org/suppdata/cc/b2/b212425d/This work was supported by the National Nature Science Foundation of China, Nature Science Foundation of Fujian Province and the Key Project of Chinese Academy of Science.. Chemical Communications, 2003, , 1018-1019.	2.2	174
29	Recent Advances in the Stabilization of Platinum Electrocatalysts for Fuelâ€Cell Reactions. ChemCatChem, 2014, 6, 26-45.	1.8	174
30	Bisphosphonates target multiple sites in both cis- and trans-prenyltransferases. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10022-10027.	3.3	173
31	Metal(II) Coordination Polymers Derived from Bis-pyridyl-bis-amide Ligands and Carboxylates: Syntheses, Topological Structures, and Photoluminescence Properties. Crystal Growth and Design, 2011, 11, 1662-1674.	1.4	169
32	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
33	Syntheses and Characterizations of Zinc(II) Compounds Containing Three-Dimensional Interpenetrating Diamondoid Networks Constructed by Mixed Ligands. Crystal Growth and Design, 2004, 4, 775-780.	1.4	163
34	Palladium nanoparticles supported on amino functionalized metal-organic frameworks as highly active catalysts for the Suzukiâ€“Miyaura cross-coupling reaction. Catalysis Communications, 2011, 14, 27-31.	1.6	162
35	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
36	Lipophilic Bisphosphonates as Dual Farnesyl/Geranylgeranyl Diphosphate Synthase Inhibitors: An X-ray and NMR Investigation. Journal of the American Chemical Society, 2009, 131, 5153-5162.	6.6	159

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37	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
38	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
39	Assembly of Silver(I) Polymers with Helical and Lamellar Structures. Chemistry - A European Journal, 2000, 6, 427-431.	1.7	154
40	Zinc Porphyrin/Imidazolium Integrated Multivariate Zirconium Metalâ€“Organic Frameworks for Transformation of CO₂ into Cyclic Carbonates. Inorganic Chemistry, 2018, 57, 2584-2593.	1.9	153
41	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
42	Water-Stable Anionic Metalâ€“Organic Framework for Highly Selective Separation of Methane from Natural Gas and Pyrolysis Gas. ACS Applied Materials & Interfaces, 2016, 8, 9777-9781.	4.0	148
43	Preparations, Structures, and Magnetic Properties of a Series of Novel Copper(II)â^'Lanthanide(III) Coordination Polymers via Hydrothermal Reaction. Inorganic Chemistry, 2001, 40, 4574-4582.	1.9	146
44	Solvothermal syntheses and crystal structures of two metal coordination polymers with double-chain structures. Polyhedron, 2001, 20, 3287-3293.	1.0	144
45	A water-insoluble and visible light induced polyoxometalate-based photocatalyst. Chemical Communications, 2010, 46, 2429.	2.2	143
46	Molecularly imprinted polymer microspheres prepared by Pickering emulsion polymerization for selective solid-phase extraction of eight bisphenols from human urine samples. Analytica Chimica Acta, 2015, 872, 35-45.	2.6	142
47	An imidazolium-functionalized mesoporous cationic metalâ€“organic framework for cooperative CO₂ fixation into cyclic carbonate. Chemical Communications, 2018, 54, 342-345.	2.2	142
48	Novel Silver-Containing Supramolecular Frameworks Constructed by Combination of Coordination Bonds and Supramolecular Interactions. Inorganic Chemistry, 2003, 42, 7512-7518.	1.9	139
49	An Anion Metalâ€“Organic Framework with Lewis Basic Sites-Rich toward Charge-Exclusive Cationic Dyes Separation and Size-Selective Catalytic Reaction. Inorganic Chemistry, 2016, 55, 2641-2649.	1.9	139
50	Zr-Based Metalâ€“Organic Frameworks with Intrinsic Peroxidase-Like Activity for Ultradeep Oxidative Desulfurization: Mechanism of H₂O₂ Decomposition. Inorganic Chemistry, 2019, 58, 6983-6992.	1.9	137
51	Soluble Metal-Nanoparticle-Decorated Porous Coordination Polymers for the Homogenization of Heterogeneous Catalysis. Journal of the American Chemical Society, 2016, 138, 10104-10107.	6.6	136
52	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
53	Syntheses and Characterizations of Two 3D Cobaltâ^'Organic Frameworks from 2D Honeycomb Building Blocks. Crystal Growth and Design, 2005, 5, 1849-1855.	1.4	131
54	Diterpene cyclases and the nature of the isoprene fold. Proteins: Structure, Function and Bioinformatics, 2010, 78, 2417-2432.	1.5	131

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55	Selfâ€Healing and Antifouling Multifunctional Coatings Based on pH and Sulfide Ion Sensitive Nanocontainers. Advanced Functional Materials, 2013, 23, 3307-3314.	7.8	131
56	Antibacterial drug leads targeting isoprenoid biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 123-128.	3.3	129
57	Fast, highly selective and sensitive anionic metal-organic framework with nitrogen-rich sites fluorescent chemosensor for nitro explosives detection. Journal of Hazardous Materials, 2018, 344, 283-290.	6.5	129
58	Synthesis, Crystal Structure and Fluorescence of Two Novel Mixed-Ligand Cadmium Coordination Polymers with Different Structural Motifs. European Journal of Inorganic Chemistry, 2003, 2003, 2705-2710.	1.0	128
59	Facile synthesis of palladium nanoparticles encapsulated in amine-functionalized mesoporous metalâ€“organic frameworks and catalytic for dehalogenation of aryl chlorides. Journal of Catalysis, 2012, 292, 111-117.	3.1	128
60	Conductive Phthalocyanineâ€Based Covalent Organic Framework for Highly Efficient Electroreduction of Carbon Dioxide. Small, 2020, 16, e2005254.	5.2	128
61	Syntheses, crystal structures and properties of two novel lanthanideâ€“carboxylate polymeric complexes. Dalton Transactions RSC, 2002, , 1847-1851.	2.3	126
62	Coordination polymers based on flexible ditopic carboxylate or nitrogen-donor ligands. CrystEngComm, 2010, 12, 660-670.	1.3	126
63	Unraveling the Reactivity and Selectivity of Atomically Isolated Metalâ€“Nitrogen Sites Anchored on Porphyrinic Triazine Frameworks for Electroreduction of CO ₂. CCS Chemistry, 2019, 1, 384-395.	4.6	125
64	Isomer separation, conformation control of flexible cyclohexanedicarboxylate ligand in cadmium complexes. Chemical Communications, 2004, , 2104-2105.	2.2	124
65	Phosphotungstic acid encapsulated in the mesocages of amine-functionalized metalâ€“organic frameworks for catalytic oxidative desulfurization. Dalton Transactions, 2014, 43, 11950-11958.	1.6	124
66	Porous Organic Molecular Frameworks with Extrinsic Porosity: A Platform for Carbon Storage and Separation. Angewandte Chemie - International Edition, 2016, 55, 9474-9480.	7.2	123
67	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
68	Outstanding drug loading capacity by water stable microporous MOF: a potential drug carrier. Chemical Communications, 2016, 52, 3669-3672.	2.2	120
69	Porous Metalâ€“Organic Framework Liquids for Enhanced CO₂ Adsorption and Catalytic Conversion. Angewandte Chemie - International Edition, 2021, 60, 20915-20920.	7.2	120
70	Highly selective sensing of Fe³⁺ by an anionic metalâ€“organic framework containing uncoordinated nitrogen and carboxylate oxygen sites. Dalton Transactions, 2018, 47, 3452-3458.	1.6	119
71	Hypercrosslinked mesoporous poly(ionic liquid)s with high ionic density for efficient CO₂ capture and conversion into cyclic carbonates. Journal of Materials Chemistry A, 2018, 6, 6660-6666.	5.2	116
72	Conjugated Ligands Modulated Sandwich Structures and Luminescence Properties of Lanthanide Metalâ€“Organic Frameworks. Inorganic Chemistry, 2011, 50, 5242-5248.	1.9	114

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73	Electrochemical preparation of metalâ€“organic framework films for fast detection of nitro explosives. Journal of Materials Chemistry A, 2014, 2, 19473-19478.	5.2	111
74	Ultrafine Silver Nanoparticles Supported on a Conjugated Microporous Polymer as High-Performance Nanocatalysts for Nitrophenol Reduction. ACS Applied Materials & Interfaces, 2017, 9, 5231-5236.	4.0	110
75	Monodisperse noble metal nanoparticles stabilized in SBA-15: Synthesis, characterization and application in microwave-assisted Suzukiâ€“Miyaura coupling reaction. Journal of Catalysis, 2010, 270, 268-274.	3.1	108
76	pH-Dependent Syntheses and Crystal Structures of a Series of Organicâˆ’Inorganic Hybrids Constructed from Keggin or Wellsâˆ’Dawson Polyoxometalates and Silver Coordination Compounds. Inorganic Chemistry, 2010, 49, 736-744.	1.9	107
77	Microwave-Assisted Synthesis of a Series of Lanthanide Metalâ€“Organic Frameworks and Gas Sorption Properties. Inorganic Chemistry, 2012, 51, 1813-1820.	1.9	106
78	Bimetallic alloy nanocrystals encapsulated in ZIF-8 for synergistic catalysis of ethylene oxidative degradation. Chemical Communications, 2014, 50, 10115.	2.2	106
79	Rhenium-modified porous covalent triazine framework for highly efficient photocatalytic carbon dioxide reduction in a solidâ€“gas system. Catalysis Science and Technology, 2018, 8, 2224-2230.	2.1	104
80	Homochiral Nickel Coordination Polymers Based on Salen(Ni) Metalloligands: Synthesis, Structure, and Catalytic Alkene Epoxidation. Inorganic Chemistry, 2011, 50, 2191-2198.	1.9	103
81	Boosting Oxidative Desulfurization of Model and Real Gasoline over Phosphotungstic Acid Encapsulated in Metalâ€“Organic Frameworks: The Window Size Matters. ChemCatChem, 2017, 9, 971-979.	1.8	103
82	Porous Anionic Indiumâ€“Organic Framework with Enhanced Gas and Vapor Adsorption and Separation Ability. ChemSusChem, 2014, 7, 2647-2653.	3.6	101
83	A bifunctional cationic porous organic polymer based on a Salen-(Al) metalloligand for the cycloaddition of carbon dioxide to produce cyclic carbonates. Chemical Communications, 2016, 52, 13288-13291.	2.2	100
84	Encapsulation of Phosphotungstic Acid into Metalâ€“Organic Frameworks with Tunable Window Sizes: Screening of PTA@MOF Catalysts for Efficient Oxidative Desulfurization. Inorganic Chemistry, 2018, 57, 13009-13019.	1.9	100
85	A novel luminescent 3D polymer containing silver chains formed by ligand unsupported Agâ€“Ag interactions and organic spacers. Dalton Transactions RSC, 2002, , 291.	2.3	99
86	Physical and electrochemical characterization of hydrous ruthenium oxide/ordered mesoporous carbon composites as supercapacitor. Microporous and Mesoporous Materials, 2008, 111, 32-38.	2.2	97
87	Label-free high-throughput microRNA expression profiling from total RNA. Nucleic Acids Research, 2011, 39, e154-e154.	6.5	97
88	An Electrochromic Hydrogenâ€Bonded Organic Framework Film. Angewandte Chemie - International Edition, 2020, 59, 22392-22396.	7.2	97
89	Syntheses and characterizations of a series of silver-carboxylate polymers. Inorganica Chimica Acta, 2004, 357, 991-1001.	1.2	95
90	Encapsulating metal organic framework into hollow mesoporous carbon sphere as efficient oxygen bifunctional electrocatalyst. National Science Review, 2020, 7, 609-619.	4.6	95

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91	Construction of Donorâ€“Acceptor Heterojunctions in Covalent Organic Framework for Enhanced CO₂Electroreduction. Small, 2021, 17, e2004933.	5.2	95
92	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
93	Rational design of metallic anti-corrosion coatings based on zinc gluconate@ZIF-8. Chemical Engineering Journal, 2020, 384, 123389.	6.6	94
94	Controlled Assembly Based on Multibridging Thiolate Ligands:â€‰ New Polymeric Silver(I) Complexes with One-Dimensional Chain and Three-Dimensional Network Structures. Inorganic Chemistry, 1999, 38, 600-602.	1.9	93
95	Hierarchically porous nitrogen-doped carbon nanotubes derived from coreâ€“shell ZnO@zeolitic imidazolate framework nanorods for highly efficient oxygen reduction reactions. Journal of Materials Chemistry A, 2017, 5, 12322-12329.	5.2	93
96	Recent progress in the removal of mercury ions from water based MOFs materials. Coordination Chemistry Reviews, 2021, 443, 214034.	9.5	93
97	Integration of metal-organic frameworks into an electrochemical dielectric thin film for electronic applications. Nature Communications, 2016, 7, 11830.	5.8	92
98	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
99	Metal-organic frameworks bonded with metal N-heterocyclic carbenes for efficient catalysis. National Science Review, 2022, 9, .	4.6	92
100	A New Family of Cadmium(II) Coordination Polymers from Coligands:â€‰ Effect of the Coexistent Groups (R = H, â^’NO2, â^’OH) on Crystal Structures and Properties. Crystal Growth and Design, 2005, 5, 1651-1656.	1.4	90
101	Porous Anionic, Cationic, and Neutral Metal-Carboxylate Frameworks Constructed from Flexible Tetrapodal Ligands: Syntheses, Structures, Ion-Exchanges, and Magnetic Properties. Inorganic Chemistry, 2011, 50, 2264-2271.	1.9	90
102	Solid-State NMR, Crystallographic, and Computational Investigation of Bisphosphonates and Farnesyl Diphosphate Synthaseâ^’Bisphosphonate Complexes. Journal of the American Chemical Society, 2006, 128, 14485-14497.	6.6	89
103	A Series of Lanthanide Metalâ€“Organic Frameworks Based on Biphenylâ€3,4â€²,5â€tricarboxylate: Syntheses, Structures, Luminescence and Magnetic Properties. European Journal of Inorganic Chemistry, 2010, 2010, 3842-3849.	1.0	89
104	Comparison of the Effect of Functional Groups on Gas-Uptake Capacities by Fixing the Volumes of Cages A and B and Modifying the Inner Wall of Cage C in rht-Type MOFs. Inorganic Chemistry, 2012, 51, 10350-10355.	1.9	89
105	A Three-Dimensional Manganese(II) Complex Exhibiting Ferrimagnetic and Metamagnetic Behaviors. Inorganic Chemistry, 2003, 42, 5486-5488.	1.9	88
106	Palladium Nanoparticles Supported on Mixedâ€Linker Metalâ€“Organic Frameworks as Highly Active Catalysts for Heck Reactions. ChemPlusChem, 2012, 77, 106-112.	1.3	88
107	Syntheses, Structures, Near-Infrared, and Visible Luminescence of Lanthanide-Organic Frameworks with Flexible Macrocyclic Polyamine Ligands. Crystal Growth and Design, 2008, 8, 1897-1901.	1.4	86
108	Anion-Assisted Structural Variation of Cadmium Coordination Polymers: From 2D â†’ 3D Inclined Polycatenation to 2D â†’ 3D Polythreading. Crystal Growth and Design, 2009, 9, 3003-3005.	1.4	86

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109	Synthesis and characterization of Zn₂GeO₄/Mg-MOF-74 composites with enhanced photocatalytic activity for CO₂ reduction. Catalysis Science and Technology, 2018, 8, 1288-1295.	2.1	86
110	Construction of a Polyhedral Metalâ€“Organic Framework via a Flexible Octacarboxylate Ligand for Gas Adsorption and Separation. Inorganic Chemistry, 2013, 52, 3127-3132.	1.9	85
111	Direct Cï£¿H Bond Arylation of Indoles with Aryl Boronic Acids Catalyzed by Palladium Nanoparticles Encapsulated in Mesoporous Metalâ€“Organic Framework. ChemCatChem, 2013, 5, 1877-1883.	1.8	85
112	An Ultraâ€Robust and Crystalline Redeemable Hydrogenâ€Bonded Organic Framework for Synergistic Chemoâ€Photodynamic Therapy. Angewandte Chemie, 2018, 130, 7817-7822.	1.6	85
113	Syntheses and structures of two novel copper complexes constructed from unusual planar tetracopper(ii) SBUs. Chemical Communications, 2003, , 1528.	2.2	84
114	Imidazoliumâ€Based Cationic Covalent Triazine Frameworks for Highly Efficient Cycloaddition of Carbon Dioxide. ChemCatChem, 2018, 10, 2036-2040.	1.8	84
115	Hollow Mesoporous Carbon Sphere Loaded Niâ€“N₄ Singleâ€Atom: Support Structure Study for CO₂ Electrocatalytic Reduction Catalyst. Small, 2020, 16, e2003943.	5.2	82
116	Preparation of Dual-Emitting Ln@UiO-66-Hybrid Films via Electrophoretic Deposition for Ratiometric Temperature Sensing. ACS Applied Materials & Interfaces, 2018, 10, 6014-6023.	4.0	81
117	Lotus-Leaf-Derived Activated-Carbon-Supported Nano-CdS as Energy-Efficient Photocatalysts under Visible Irradiation. ACS Sustainable Chemistry and Engineering, 2018, 6, 7871-7879.	3.2	81
118	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
119	Tunable polymerization of silver complexes with organosulfur ligand: counterions effect, solvent- and temperature-dependence in the formation of silver(I)-thiolate(and/or thione) complexes. Inorganica Chimica Acta, 2002, 331, 8-15.	1.2	80
120	Integration of adsorption and photosensitivity capabilities into a cationic multivariate metal-organic framework for enhanced visible-light photoreduction reaction. Applied Catalysis B: Environmental, 2019, 253, 323-330.	10.8	80
121	Indirect Stimulation of Human Vγ2Vδ2 T Cells through Alterations in Isoprenoid Metabolism. Journal of Immunology, 2011, 187, 5099-5113.	0.4	79
122	A paramagnetic lamellar polymer with a high semiconductivity. Chemical Communications, 2001, , 1020-1021.	2.2	78
123	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
124	Dual-Emitting UiO-66(Zr&Eu) Metalâ€“Organic Framework Films for Ratiometric Temperature Sensing. ACS Applied Materials & Interfaces, 2018, 10, 20854-20861.	4.0	76
125	Three-Dimensional Lanthanide(III)â€“Copper(II) Compounds Based on an Unsymmetrical 2-Pyridylphosphonate Ligand: An Experimental and Theoretical Study. Chemistry - A European Journal, 2007, 13, 4759-4769.	1.7	75
126	Facile synthesis of palladium nanoparticles with high chemical activity using cucurbit[6]uril as protecting agent. Chemical Communications, 2010, 46, 5088.	2.2	75

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127	A novel Smâ€“Co polymeric complex formed via metal-mediated oxidationâ€“hydrolysis of orotic acid in a hydrothermal reaction. Inorganic Chemistry Communication, 2003, 6, 815-818.	1.8	74
128	The complexes with end-to-end dicyanamide bridges: syntheses, characterization and crystal structures of [Cu(Î¼1,5-dca)2(phen)]n and [Cd(Î¼1,5-dca)2(py)2]n (phen=phenanthroline; py=pyridine;) Tj ETQq1 1 0 rgBT /Overlock	1.2	73
129	Inhibition of Geranylgeranyl Diphosphate Synthase by Bisphosphonates: A Crystallographic and Computational Investigation. Journal of Medicinal Chemistry, 2008, 51, 5594-5607.	2.9	73
130	Development of a polyoxometallate-based photocatalyst assembled with cucurbit[6]uril via hydrogen bonds for azo dyes degradation. Journal of Hazardous Materials, 2011, 186, 948-951.	6.5	73
131	New Metalâ€“Organic Framework with Unimodal 4-Connected Topology Displaying Interpenetration, Self-Catenation, and Second-Order Nonlinear Optical Response. Crystal Growth and Design, 2010, 10, 1489-1491.	1.4	71
132	Microwave-assisted large scale synthesis of lanthanide metalâ€“organic frameworks (Ln-MOFs), having a preferred conformation and photoluminescence properties. Dalton Transactions, 2015, 44, 11954-11962.	1.6	70
133	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
134	C-QDs@UiO-66-(COOH)₂ Composite Film via Electrophoretic Deposition for Temperature Sensing. Inorganic Chemistry, 2018, 57, 2447-2454.	1.9	69
135	CdS/NH₂-UiO-66 hybrid membrane reactors for the efficient photocatalytic conversion of CO₂. Journal of Materials Chemistry A, 2018, 6, 20152-20160.	5.2	69
136	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
137	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
138	Self-Assembly of Three CdII- and CuII-Containing Coordination Polymers from 4,4â€²-Dipyridyl Disulfide. European Journal of Inorganic Chemistry, 2003, 2003, 3623-3632.	1.0	67
139	Efficient photocatalytic hydrogen evolution under visible light by ternary composite CdS@NU-1000/RGO. Catalysis Science and Technology, 2017, 7, 5113-5119.	2.1	67
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