Bin Zhao

List of Publications by Year
in descending order

180 papers	11,957 citations	25034 57 h-index	29157 104 g-index
181 all docs	181 docs citations	181 times ranked	6714 citing authors

#	Article	IF	Citations
1	Coordination Polymers Containing 1D Channels as Selective Luminescent Probes. Journal of the American Chemical Society, 2004, 126, 15394-15395.	13.7	853
2	Design and Synthesis of 3dâ˜'4f Metal-Based Zeolite-type Materials with a 3D Nanotubular Structure Encapsulated â€œWaterâ€•Pipe. Journal of the American Chemical Society, 2004, 126, 3012-3013.	13.7	572
3	A Nanotubular 3D Coordination Polymer Based on a 3dâ€“4f Heterometallic Assembly. Angewandte Chemie - International Edition, 2003, 42, 934-936.	13.8	462
4	Lanthanide Organic Framework as a Regenerable Luminescent Probe for Fe³⁺. Inorganic Chemistry, 2015, 54, 4585-4587.	4.0	306
5	A Promising MgII-Ion-Selective Luminescent Probe: Structures and Properties of Dy-Mn Polymers with High Symmetry. Chemistry - A European Journal, 2006, 12, 149-158.	3.3	279
6	Applications of MOFs: Recent advances in photocatalytic hydrogen production from water. Coordination Chemistry Reviews, 2019, 390, 50-75.	18.8	272
7	A 24-Gd nanocapsule with a large magnetocaloric effect. Chemical Communications, 2013, 49, 1055-1057.	4.1	262
8	Ultrastrong Alkali-Resisting Lanthanide-Zeolites Assembled by [Ln₆₀] Nanocages. Journal of the American Chemical Society, 2015, 137, 15988-15991.	13.7	248
9	A water-stable lanthanide-organic framework as a recyclable luminescent probe for detecting pollutant phosphorus anions. Chemical Communications, 2015, 51, 10280-10283.	4.1	244
10	Multipoint Interactions Enhanced CO₂ Uptake: A Zeolite-like Zincâ€“Tetrazole Framework with 24-Nuclear Zinc Cages. Journal of the American Chemical Society, 2012, 134, 18892-18895.	13.7	240
11	Lanthanide-based metalâ€“organic frameworks as luminescent probes. Dalton Transactions, 2016, 45, 18003-18017.	3.3	233
12	Fast capture and separation of, and luminescent probe for, pollutant chromate using a multi-functional cationic heterometal-organic framework. Chemical Communications, 2012, 48, 8231.	4.1	231
13	Systematic Investigation of the Hydrothermal Syntheses of Pr(III)â˜'PDA (PDA =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Tc	4.0	181
14	Ligand Field Affected Single-Molecule Magnet Behavior of Lanthanide(III) Dinuclear Complexes with an 8-Hydroxyquinoline Schiff Base Derivative as Bridging Ligand. Inorganic Chemistry, 2015, 54, 10610-10622.	4.0	181
15	Heterometalâ€“organic frameworks as highly sensitive and highly selective luminescent probes to detect I^{â˜'}ions in aqueous solutions. Chemical Communications, 2015, 51, 3985-3988.	4.1	177
16	Applications of MOFs as Luminescent Sensors for Environmental Pollutants. Small, 2021, 17, e2005327.	10.0	177
17	A Semiâ€Conductive Copperâ€“Organic Framework with Two Types of Photocatalytic Activity. Angewandte Chemie - International Edition, 2016, 55, 4938-4942.	13.8	164
18	Unique (3,4,10)-Connected Lanthanideâ€“Organic Framework as a Recyclable Chemical Sensor for Detecting Al³⁺. Inorganic Chemistry, 2016, 55, 4790-4794.	4.0	158

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19	A Bifunctional Europiumâ€“Organic Framework with Chemical Fixation of CO₂ and Luminescent Detection of Al³⁺. Inorganic Chemistry, 2016, 55, 9671-9676.	4.0	142
20	A porous 3D heterometal-organic framework containing both lanthanide and high-spin Fe(ii) ions. Chemical Communications, 2009, , 3113.	4.1	140
21	A Nobleâ€Metalâ€Free Metalâ€“Organic Framework (MOF) Catalyst for the Highly Efficient Conversion of CO₂ with Propargylic Alcohols. Angewandte Chemie - International Edition, 2019, 58, 577-581.	13.8	140
22	pH-Dependent Cu(II) Coordination Polymers with Tetrazole-1-acetic Acid: Synthesis, Crystal Structures, EPR and Magnetic Properties. Crystal Growth and Design, 2008, 8, 1140-1146.	3.0	139
23	Unique (3,12)-connected coordination polymers displaying high stability, large magnetocaloric effect and slow magnetic relaxation. Chemical Communications, 2013, 49, 6066.	4.1	139
24	Modulating single-molecule magnet behaviour of phenoxo-O bridged lanthanide(<scp>iii</scp>) dinuclear complexes by using different Î²-diketonate coligands. Inorganic Chemistry Frontiers, 2016, 3, 133-141.	6.0	139
25	Interpenetration-Dependent Luminescent Probe in Indium-Organic Frameworks for Selectively Detecting Nitrofurazone in Water. Analytical Chemistry, 2018, 90, 1516-1519.	6.5	137
26	Two solvent-stable MOFs as a recyclable luminescent probe for detecting dichromate or chromate anions. CrystEngComm, 2016, 18, 4445-4451.	2.6	130
27	Syntheses, Structures, and Photoluminescence of One-Dimensional Lanthanide Coordination Polymers with 2,4,6-Pyridinetricarboxylic Acid. Crystal Growth and Design, 2007, 7, 1851-1857.	3.0	128
28	3â€‰Dâ€…MOFs Containing Trigonal Bipyramidal Ln₅â€…Clusters as Nodes: Large Magnetocaloric Effect and Slow Magnetic Relaxation Behavior. Chemistry - A European Journal, 2012, 18, 15086-15091.	3.3	125
29	Syntheses, Structures, and Photoluminescence of a Series of Three-Dimensional Cd(II) Frameworks with a Flexible Ligand, 1,5-Bis(5-tetrazolo)-3-oxapentane. Crystal Growth and Design, 2010, 10, 4370-4378.	3.0	114
30	Unique Chiral Interpenetrating dâ€“f Heterometallic MOFs as Luminescent Sensors. Inorganic Chemistry, 2015, 54, 5266-5272.	4.0	110
31	Metalâ€“Organic Frameworks with Tb₄ Clusters as Nodes: Luminescent Detection of Chromium(VI) and Chemical Fixation of CO₂. Inorganic Chemistry, 2017, 56, 6244-6250.	4.0	109
32	A stable zincâ€“organic framework with luminescence detection of acetylacetone in aqueous solution. Inorganic Chemistry Frontiers, 2019, 6, 271-277.	6.0	109
33	High Uptake of ReO₄^{â”} and CO₂ Conversion by a Radiationâ€Resistant Thoriumâ€“Nickle [Th₄₈Ni₆] Nanocageâ€Based Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 6022-6027.	13.8	109
34	Microporous Metalâ¯Organic Frameworks Built on a Ln3Cluster as a Six-Connecting Node. Chemistry of Materials, 2005, 17, 2866-2874.	6.7	108
35	Structures and magnetic properties of several phenoxo-O bridged dinuclear lanthanide complexes: Dy derivatives displaying substituent dependent magnetic relaxation behavior. Dalton Transactions, 2016, 45, 8182-8191.	3.3	106
36	Two-Dimensional 3dâ€“4f Networks Containing Planar Co4Ln2 Clusters with Single-Molecule-Magnet Behaviors. Inorganic Chemistry, 2012, 51, 7433-7435.	4.0	105

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37	Formation of Cï¿½X Bonds in CO₂ Chemical Fixation Catalyzed by Metalâ^'Organic Frameworks. Advanced Materials, 2020, 32, e1806163.	21.0	102
38	Structures, luminescent and magnetic properties of six lanthanideâ€"organic frameworks: observation of slow magnetic relaxation behavior in the DyIII compound. Dalton Transactions, 2013, 42, 3587.	3.3	100
39	Controlled lanthanideâ€"organic framework nanospheres as reversible and sensitive luminescent sensors for practical applications. Chemical Communications, 2015, 51, 6769-6772.	4.1	97
40	A Porous Metalâ€"Organic Framework Assembled by [Cu₃₀] Nanocages: Serving as Recyclable Catalysts for CO₂ Fixation with Aziridines. Advanced Science, 2016, 3, 1600048.	11.2	96
41	A multicentre-bonded [ZnI]8 cluster with cubic aromaticity. Nature Communications, 2015, 6, 6331.	12.8	94
42	A Sensitive Luminescent Acetylacetone Probe Based on Znâ€MOF with Sixâ€Fold Interpenetration. Chemistry - A European Journal, 2017, 23, 13289-13293.	3.3	92
43	Water Stable [Tb₄] Cluster-Based Metalâ€"Organic Framework as Sensitive and Recyclable Luminescence Sensor of Quercetin. Analytical Chemistry, 2019, 91, 2595-2599.	6.5	91
44	Cluster-based MOFs with accelerated chemical conversion of CO₂ through Câ€"C bond formation. Chemical Communications, 2017, 53, 6013-6016.	4.1	89
45	Structures and luminescent properties of a series of Lnâ€"Ag heterometallic coordination polymers. CrystEngComm, 2009, 11, 1261.	2.6	87
46	Anion-induced changes of structure interpenetration and magnetic properties in 3D Dyâ€"Cu metalâ€"organic frameworks. Chemical Communications, 2013, 49, 2338.	4.1	87
47	Stable Lanthanideâ€"Organic Framework as a Luminescent Probe To Detect Both Histidine and Aspartic Acid in Water. Inorganic Chemistry, 2019, 58, 6356-6362.	4.0	80
48	Wheel-like Ln₁₈ Cluster Organic Frameworks for Magnetic Refrigeration and Conversion of CO₂. Inorganic Chemistry, 2018, 57, 3144-3150.	4.0	79
49	A multifunctional MOF as a recyclable catalyst for the fixation of CO₂ with aziridines or epoxides and as a luminescent probe of Cr(<scp>vi</scp>). Dalton Transactions, 2018, 47, 4545-4553.	3.3	77
50	Investigation on structures, luminescent and magnetic properties of Ln^{III}â€"M (M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 805-819.	3.3	75
51	Highly Efficient Conversion of Propargylic Amines and CO₂ Catalyzed by Nobleâ€Metalâ€Free [Zn₁₁₆] Nanocages. Angewandte Chemie - International Edition, 2020, 59, 8586-8593.	13.8	74
52	Two-dimensional Coordination Polymers of Copper(II) with Oxalate:Â Lattice Water Control of Structure. Inorganic Chemistry, 2001, 40, 2652-2659.	4.0	73
53	Construction and Characterization of Several New Lanthanideâ^'Organic Frameworks: From 2D Lattice to 2D Double-Layer and to Porous 3D Net with Interweaving Triple-Stranded Helixes. Crystal Growth and Design, 2008, 8, 2291-2298.	3.0	72
54	Bimetallic Lanthanide-Organic Framework Membranes as a Self-Calibrating Luminescent Sensor for Rapidly Detecting Antibiotics in Water. ACS Applied Materials & Interfaces, 2020, 12, 38124-38131.	8.0	72

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55	Discovery of Novel Thiazole Carboxamides as Antifungal Succinate Dehydrogenase Inhibitors. Journal of Agricultural and Food Chemistry, 2019, 67, 1647-1655.	5.2	70
56	Triple-Interpenetrated Lanthanide-Organic Framework as Dual Wave Bands Self-Calibrated pH Luminescent Probe. Analytical Chemistry, 2019, 91, 5455-5460.	6.5	70
57	Highly Sensitive and Selective Luminescence Sensor Based on Two-Fold Interpenetrated MOFs for Detecting Glutamate in Serum. Inorganic Chemistry, 2020, 59, 2171-2177.	4.0	64
58	A Facile Strategy for Constructing a Carbonâ€Particleâ€Modified Metalâ€“Organic Framework for Enhancing the Efficiency of CO₂ Electroreduction into Formate. Angewandte Chemie - International Edition, 2021, 60, 23394-23402.	13.8	58
59	Synthesis, structure, fluorescent and magnetic properties of a series of coordination polymers based on a long and flexible bis-triazole ligand. CrystEngComm, 2012, 14, 2769.	2.6	56
60	Synthesis and Biological Activity of Novel Succinate Dehydrogenase Inhibitor Derivatives as Potent Fungicide Candidates. Journal of Agricultural and Food Chemistry, 2019, 67, 13185-13194.	5.2	56
61	N,Cl co-doped fluorescent carbon dots as nanoprobe for detection of tartrazine in beverages. Food Chemistry, 2020, 310, 125832.	8.2	56
62	New strategy to construct single-ion magnets: a unique Dy@Zn6 cluster exhibiting slow magnetic relaxation. Chemical Communications, 2014, 50, 4255-4257.	4.1	52
63	Structures, luminescent and magnetic properties of a series of (3,6)-connected lanthanideâ€“organic frameworks. Dalton Transactions, 2014, 43, 1814-1820.	3.3	50
64	Metalâ€“Organic Frameworks (MOFs) of a Cubic Metal Cluster with Multicentered Mn^Iï£¿Mn^I Bonds. Angewandte Chemie - International Edition, 2015, 54, 11681-11685.	13.8	50
65	Tetraphenylpyrazine-Based Manganese Metalâ€“Organic Framework as a Multifunctional Sensor for Cu²⁺, Cr³⁺, MnO₄^{â€“}, and 2,4,6-Trinitrophenol and the Construction of a Molecular Logical Gate. Inorganic Chemistry, 2021, 60, 11222-11230.	4.0	49
66	Luminescent Detection of Colchicine by a Unique Indiumâ€“Organic Framework in Water with High Sensitivity. Analytical Chemistry, 2019, 91, 9754-9759.	6.5	46
67	Syntheses, Structures, and Luminescence Properties of a Series of Ln^{III}â^Ba^{II} Heterometal-Organic Frameworks. Crystal Growth and Design, 2009, 9, 3948-3957.	3.0	45
68	The multiple coreâ€“shell structure in Cu24Ln6 cluster with magnetocaloric effect and slow magnetization relaxation. Dalton Transactions, 2014, 43, 5639.	3.3	45
69	Synthesis of Novel 3,4-Chloroisothiazole-Based Imidazoles as Fungicides and Evaluation of Their Mode of Action. Journal of Agricultural and Food Chemistry, 2018, 66, 7319-7327.	5.2	45
70	Synthesis, Crystal Structures, and Magnetic Properties of 2D Manganese(II) and 1D Gadolinium(III) Coordination Polymers with 1H-1,2,3-Triazole-4,5-dicarboxylic Acid. European Journal of Inorganic Chemistry, 2006, 2006, 4931-4937.	2.0	44
71	3d-4f Heterometalâ€“Organic Frameworks for Efficient Capture and Conversion of CO₂. Crystal Growth and Design, 2017, 17, 3128-3133.	3.0	43
72	Green Conversion of CO₂ and Propargylamines Triggered by Triply Synergistic Catalytic Effects in Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2021, 60, 20417-20423.	13.8	43

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73	Metalâ€“metal bonded compounds with uncommon low oxidation state. Coordination Chemistry Reviews, 2018, 365, 122-144.	18.8	42
74	Selectively detecting toluene and benzaldehyde by two stable lanthanideâ€“organic frameworks as luminescent probes. Dalton Transactions, 2019, 48, 3453-3458.	3.3	42
75	A unique zinc-organic framework constructed through in situ ligand synthesis for conversion of CO₂ under mild conditions and as a luminescence sensor for Cr₂O₇^{2â^'}/CrO₄^{2â^'}. Dalton Transactions, 2017, 46, 13862-13868.	3.3	40
76	Four tetra-nuclear lanthanide complexes based on 8-hydroxyquinolin derivatives: magnetic refrigeration and single-molecule magnet behaviour. New Journal of Chemistry, 2018, 42, 11847-11853.	2.8	39
77	An Ultrastable Matryoshka [Hf₁₃] Nanocluster as a Luminescent Sensor for Concentrated Alkali and Acid. Angewandte Chemie - International Edition, 2019, 58, 16610-16616.	13.8	39
78	Cluster/cage-based coordination polymers with tetrazole derivatives. Coordination Chemistry Reviews, 2020, 422, 213424.	18.8	39
79	MOFs-Based Catalysts Supported Chemical Conversion of CO2. Topics in Current Chemistry, 2020, 378, 11.	5.8	38
80	Controllable chemoselective hydrogenation of furfural by PdAg/C bimetallic catalysts under ambient operating conditions: an interesting Ag switch. Green Chemistry, 2020, 22, 1432-1442.	9.0	38
81	A Cuprous/Lanthanideâ€Organic Framework as the Luminescent Sensor of Hypochlorite. Chemistry - A European Journal, 2018, 24, 10296-10299.	3.3	36
82	Discovery of Pyruvate Kinase as a Novel Target of New Fungicide Candidate 3-(4-Methyl-1,2,3-thiadiazolyl)-6-trichloromethyl-[1,2,4]-triazolo-[3,4-b][1,3,4]-thiadizole. Journal of Agricultural and Food Chemistry, 2018, 66, 12439-12452.	5.2	35
83	Discovery of Novel Isothiazole, 1,2,3-Thiadiazole, and Thiazole-Based Cinnamamides as Fungicidal Candidates. Journal of Agricultural and Food Chemistry, 2019, 67, 12357-12365.	5.2	35
84	Recyclable Luminescence Sensor for Dinotefuran in Water by Stable Cadmiumâ€“Organic Framework. Analytical Chemistry, 2021, 93, 6599-6603.	6.5	35
85	Syntheses, structures, and photoluminescence of lanthanide coordination polymers with pyridine-2,3,5,6-tetracarboxylic acid. CrystEngComm, 2011, 13, 1870-1876.	2.6	34
86	Metalâ€“organic frameworks based on transition-metal carboxylate clusters as secondary building units: synthesis, structures and properties. CrystEngComm, 2011, 13, 907-913.	2.6	34
87	A Nanotubular 3D Coordination Polymer Based on a 3dâ€“4f Heterometallic Assembly. Angewandte Chemie, 2003, 115, 964-966.	2.0	33
88	Several [Gd-M] Heterometalâ€“Organic Frameworks with [Gd_n] as Nodes: Tunable Structures and Magnetocaloric Effect. Inorganic Chemistry, 2017, 56, 9169-9176.	4.0	33
89	Ferromagnetic and Antiferromagnetic Polymeric Complexes with the Macrocyclic Ligand 1,4,7-Triazacyclononane. European Journal of Inorganic Chemistry, 2004, 2004, 2369-2378.	2.0	32
90	Structure and luminescent property of novel 2D indium(III) and 1D cadmium(II) coordination polymers based on thiophene-2,5-dicarboxylic acid. Journal of Molecular Structure, 2008, 888, 360-365.	3.6	32

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91	Highly Efficient Conversion of Propargylic Alcohols and Propargylic Amines with CO₂ Activated by Nobleâ€Metalâ€Free Catalyst Cu₂O@ZIFâ€8. Angewandte Chemie - International Edition, 2022, 61, .	13.8	32
92	Fabrication and Properties of Eight Novel Lanthanideâ^'Organic Frameworks Based on 4-Hydroxypyran-2,6-dicarboxylate and 4-Hydroxypyridine-2,6-dicarboxylate. Crystal Growth and Design, 2009, 9, 4006-4016.	3.0	31
93	Selectively Regulating Lewis Acidâ€"Base Sites in Metalâ€"Organic Frameworks for Achieving Turnâ€On/Off of the Catalytic Activity in Different CO₂Reactions. Angewandte Chemie - International Edition, 2022, 61, .	13.8	31
94	Ultrabright Full Color Carbon Dots by Fine-Tuning Crystal Morphology Controllable Synthesis for Multicolor Bioimaging and Sensing. ACS Applied Materials & Interfaces, 2019, 11, 27259-27268.	8.0	29
95	Efficient Cycloaddition of CO₂ and Aziridines Activated by a Quadruple-Interpenetrated Indiumâ€"Organic Framework as a Recyclable Catalyst. Inorganic Chemistry, 2021, 60, 15383-15389.	4.0	29
96	Anchoring Ag(I) into Nitro-Functionalized Metalâ€"Organic Frameworks: Effectively Catalyzing Cycloaddition of CO₂ with Propargylic Alcohols under Mild Conditions. ACS Applied Materials & Interfaces, 2021, 13, 45558-45565.	8.0	29
97	Syntheses, structures, photoluminescence and magnetic properties of four-connected lanthanideâ€"tricarboxylate coordination polymers. CrystEngComm, 2013, 15, 3308.	2.6	28
98	A Chiral Metal-Organic Framework Based on Heptanuclear Zinc Cores. European Journal of Inorganic Chemistry, 2009, 2009, 2599-2602.	2.0	27
99	Three Cu(II) coordination polymers with novel bi-triazole ligand: Synthesis, structure and EPR properties. Inorganic Chemistry Communication, 2015, 51, 95-98.	3.9	27
100	A Nobleâ€Metalâ€Free Metalâ€"Organic Framework (MOF) Catalyst for the Highly Efficient Conversion of CO₂ with Propargylic Alcohols. Angewandte Chemie, 2019, 131, 587-591.	2.0	27
101	Preparation and Biomedical Applications of Multicolor Carbon Dots: Recent Advances and Future Challenges. Particle and Particle Systems Characterization, 2020, 37, 1900489.	2.3	27
102	Design, synthesis and biological evaluation of pyrazole-aromatic containing carboxamides as potent SDH inhibitors. European Journal of Medicinal Chemistry, 2021, 214, 113230.	5.5	26
103	Assembly of single molecular magnets from dinuclear to 2D Dy-compounds with significant change of relaxation energy barriers. Dalton Transactions, 2016, 45, 85-88.	3.3	25
104	[Zn 4 O] Clusterâ€Based Metalâ€Organic Frameworks as Catalysts for Conversion of CO 2. Chinese Journal of Chemistry, 2019, 37, 474-478.	4.9	25
105	A high sensitivity luminescent sensor for the stress biomarker cortisol using four-fold interpenetrated europiumâ€"organic frameworks integrated with logic gates. Journal of Materials Chemistry C, 2021, 9, 9643-9649.	5.5	25
106	Solvent-dependent variations of both structure and catalytic performance in three manganese coordination polymers. Dalton Transactions, 2018, 47, 6986-6994.	3.3	24
107	Trace water accelerating the CO₂ cycloaddition reaction catalyzed by an indiumâ€"organic framework. Inorganic Chemistry Frontiers, 2018, 5, 1694-1699.	6.0	24
108	Stable metal-organic frameworks with high catalytic performance in the cycloaddition of CO2 with aziridines. Science China Chemistry, 2019, 62, 622-628.	8.2	24

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109	A triangular [Mn₃] cluster-based ferrimagnet with significant magnetic entropy change. Journal of Materials Chemistry C, 2015, 3, 3494-3499.	5.5	23
110	Design, synthesis and fungicidal activity of isothiazoleâ€“thiazole derivatives. RSC Advances, 2018, 8, 39593-39601.	3.6	23
111	Synthesis, bioactivity and mode of action of 5_A5_B6_C tricyclic spirolactones as novel antiviral lead compounds. Pest Management Science, 2019, 75, 292-301.	3.4	23
112	Discovery of Novel Piperidinylthiazole Derivatives As Broad-Spectrum Fungicidal Candidates. Journal of Agricultural and Food Chemistry, 2019, 67, 1360-1370.	5.2	23
113	Eco-friendly co-catalyst-free cycloaddition of CO2 and aziridines activated by a porous MOF catalyst. Science China Chemistry, 2021, 64, 1316-1322.	8.2	23
114	A 2D Thiocyanato-Bridged Copper(II)-Manganese(II) Bimetallic Coordination Polymer with Ferromagnetic Interactions. European Journal of Inorganic Chemistry, 2005, 2005, 55-58.	2.0	22
115	Two- and three-dimensional lanthanide-based coordination polymers assembled by the synergistic effect of various lanthanide radii and flexibility of a new binicotinate-containing ligand: in situ synthesis, structures, and properties. RSC Advances, 2015, 5, 2239-2248.	3.6	21
116	A water-stable metal-organic framework: serving as a chemical sensor of PO43â€“ and a catalyst for CO2 conversion. Science China Chemistry, 2017, 60, 1328-1333.	8.2	21
117	Modulating CO₂ Adsorption in Metalâ€“Organic Frameworks via Metal-Ion Doping. Inorganic Chemistry, 2018, 57, 6135-6141.	4.0	21
118	An uncommon multicentered ZnIâ€“ZnI bond-based MOF for CO2 fixation with aziridines/epoxides. Chemical Communications, 2021, 57, 7537-7540.	4.1	21
119	Multi-Dimensional Systems Built from Dichromate Anionsâˆ’ Syntheses, Crystal Structures, and Magnetic Properties. European Journal of Inorganic Chemistry, 2004, 2004, 562-569.	2.0	20
120	Structures and magnetic properties of several novel lanthanide coordination polymers based on thiophene-2,5-dicarboxylic acid. Science China Chemistry, 2012, 55, 1073-1078.	8.2	19
121	A Semiâ€Conductive Copperâ€“Organic Framework with Two Types of Photocatalytic Activity. Angewandte Chemie, 2016, 128, 5022-5026.	2.0	19
122	Stable Zn^Iâ€Containing MOFs with Large [Zn₇₀] Nanocages from Assembly of Zn^{II} Ions and Aromatic [Zn^I₈] Clusters. Chemistry - A European Journal, 2018, 24, 3683-3688.	3.3	19
123	The different magnetic relaxation behaviors in [Fe(CN)₆]^{3âˆ’} or [Co(CN)₆]^{3âˆ’} bridged 3dâ€“4f heterometallic compounds. CrystEngComm, 2020, 22, 2998-3004.	2.6	19
124	Structure-Based Discovery and Synthesis of Potential Transketolase Inhibitors. Molecules, 2018, 23, 2116.	3.8	18
125	Transketolase Is Identified as a Target of Herbicidal Substance Î±-Terthienyl by Proteomics. Toxins, 2018, 10, 41.	3.4	17
126	Systematic identification of genes associated with plant growthâ€“defense tradeoffs under JA signaling in Arabidopsis. Planta, 2020, 251, 43.	3.2	17

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127	Dual-Selective Catalysis in Dephosphorylation Tuned by Hf₆-Containing Metalâ€“Organic Frameworks Mimicking Phosphatase. ACS Central Science, 2021, 7, 831-840.	11.3	17
128	Syntheses of CuO nanostructures in ionic liquids. Science in China Series B: Chemistry, 2007, 50, 63-69.	0.8	16
129	Fabrication of ZnO nanorods in ionic liquids and their photoluminescent properties. Science in China Series B: Chemistry, 2007, 50, 224-229.	0.8	16
130	Two [Au(CN)₂]^{â^'}-bridged heterometallic coordination polymers directed by different 2,2â€²-bipyridyl-like ligands. CrystEngComm, 2009, 11, 61-66.	2.6	16
131	Highly Selective Enamination of Î²â€ketoesters Catalyzed by Interlocked [Cu₈] and [Cu₁₈] Nanocages. Angewandte Chemie - International Edition, 2019, 58, 13302-13307.	13.8	16
132	Enhancing Magnetic Behaviors of Dysprosium Single-Molecule Magnets from Crystal Field Perturbation by Deprotonating Schiff-Base Ligand. Crystal Growth and Design, 2019, 19, 3365-3371.	3.0	16
133	Efficient CO2 electroreduction coupled with semi-dehydrogenation of tetrahydroisoquinoline by MOFs modified electrodes. Journal of Energy Chemistry, 2021, 63, 328-335.	12.9	16
134	A Facile Strategy for Constructing a Carbonâ€Particleâ€Modified Metalâ€“Organic Framework for Enhancing the Efficiency of CO₂ Electroreduction into Formate. Angewandte Chemie, 2021, 133, 23582-23590.	2.0	16
135	High Uptake of ReO₄^{â^'} and CO₂ Conversion by a Radiationâ€Resistant Thoriumâ€“Nickle [Th₄₈Ni₆] Nanocageâ€Based Metalâ€“Organic Framework. Angewandte Chemie, 2019, 131, 6083-6088.	2.0	15
136	Size-Tunable Ultrafine Pt Nanoparticles in Soluble Metalâ€“Organic Cages: Displaying Highly Stereoselective Hydrogenation of Î±-Pinene. Chemistry of Materials, 2020, 32, 7063-7069.	6.7	15
137	Mechanistic insights into the luminescent sensing of nitrophenol compounds by a cationic Zn-based metal-organic framework. Dyes and Pigments, 2022, 199, 110099.	3.7	15
138	Metalâ€Organic Frameworks Based on Multicenterâ€Bonded [M^I]₈ (M=Mn, Zn) Clusters with Cubic Aromaticity. Chemistry - A European Journal, 2018, 24, 16702-16707.	3.3	14
139	Discovery and structure-activity relationship of novel diphenylthiazole derivatives as BTK inhibitor with potent activity against B cell lymphoma cell lines. European Journal of Medicinal Chemistry, 2019, 178, 767-781.	5.5	14
140	Recyclable Luminescent Sensor for Detecting Creatinine Based on a Lanthanideâ€“Organic Framework. Inorganic Chemistry, 2022, 61, 9990-9996.	4.0	14
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142	Two Stable Heterometalâ€MOFs as Highly Efficient and Recyclable Catalysts in the CO 2 Coupling Reaction with Aziridines. Chemistry - an Asian Journal, 2019, 14, 3668-3674.	3.3	13
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