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	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
2	Highly effective CS₂ conversion with aziridines catalyzed by novel [Dy₂₄] nano-cages in MOFs under mild conditions. Journal of Materials Chemistry A, 2022, 10, 4889-4894.	10.3	13
3	Highly Efficient Conversion of Propargylic Alcohols and Propargylic Amines with CO₂ Activated by Nobleâ€Metalâ€Free Catalyst Cu₂O@ZIFâ€8. Angewandte Chemie, 2022, 134, .	2.0	6
4	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
5	Development of photochromic fused 2H-naphthopyrans with promising thermal fading rates. Journal of Materials Chemistry C, 2022, 10, 5542-5549.	5.5	3
6	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
7	Selectively Regulating Lewis Acidâ€“Base Sites in Metalâ€“Organic Frameworks for Achieving Turnâ€On/Off of the Catalytic Activity in Different CO₂Reactions. Angewandte Chemie, 2022, 134, .	2.0	6
8	Slow magnetic relaxation in a Dy₃ triangle and a bistriangular Dy₆ cluster. Dalton Transactions, 2022, 51, 9404-9411.	3.3	8
9	Recyclable Luminescent Sensor for Detecting Creatinine Based on a Lanthanideâ€“Organic Framework. Inorganic Chemistry, 2022, 61, 9990-9996.	4.0	14
10	Characterization of laccase gene StLAC6 and its involvement in the pathogenicity and peroxisome function in Setosphaeria turcica. Journal of Integrative Agriculture, 2022, 21, 2019-2030.	3.5	3
11	An uncommon multicentered ZnIâ€“ZnI bond-based MOF for CO2 fixation with aziridines/epoxides. Chemical Communications, 2021, 57, 7537-7540.	4.1	21
12	Discovery and validation of pesticide novel target: take pyruvate kinase as an example. , 2021, , 443-450.		0
13	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
14	Photocatalytic Hydrogen Evolution Based on Cobaltâ€“Organic Framework with High Water Vapor Adsorption. Inorganic Chemistry, 2021, 60, 1922-1929.	4.0	10
15	Applications of MOFs as Luminescent Sensors for Environmental Pollutants. Small, 2021, 17, e2005327.	10.0	177
16	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
17	Recyclable Luminescence Sensor for Dinotefuran in Water by Stable Cadmiumâ€“Organic Framework. Analytical Chemistry, 2021, 93, 6599-6603.	6.5	35
18	Dual-Selective Catalysis in Dephosphorylation Tuned by Hf₆-Containing Metalâ€“Organic Frameworks Mimicking Phosphatase. ACS Central Science, 2021, 7, 831-840.	11.3	17

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19	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
20	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
21	Design, Synthesis, and Evaluation of Novel Isothiazole-Purines as a Pyruvate Kinase-Based Fungicidal Lead Compound. Journal of Agricultural and Food Chemistry, 2021, 69, 9461-9471.	5.2	10
22	Green Conversion of CO₂ and Propargylamines Triggered by Triply Synergistic Catalytic Effects in Metalâ€“Organic Frameworks. Angewandte Chemie, 2021, 133, 20580-20586.	2.0	11
23	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
24	Cooperation between microporous frameworks and micron-sized channel in crystals for excellent chromate removal. Chemical Engineering Journal, 2021, , 132655.	12.7	0
25	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
26	Efficient CO2 electroreduction coupled with semi-dehydrogenation of tetrahydroisoquinoline by MOFs modified electrodes. Journal of Energy Chemistry, 2021, 63, 328-335.	12.9	16
27	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
28	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
29	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
30	A seven-coordinated Dy^{III} single-ion magnet with C_{2v} symmetry constructed by a multidentate Schiff-base ligand. CrystEngComm, 2021, 23, 1718-1722.	2.6	3
31	Highly efficient hydroboration of alkynes catalyzed by porous copper-organic framework under mild conditions. Journal of Catalysis, 2021, 404, 250-257.	6.2	10
32	Formation of Cï¿½X Bonds in CO₂ Chemical Fixation Catalyzed by Metalâ€'Organic Frameworks. Advanced Materials, 2020, 32, e1806163.	21.0	102
33	N,Cl co-doped fluorescent carbon dots as nanoprobe for detection of tartrazine in beverages. Food Chemistry, 2020, 310, 125832.	8.2	56
34	Systematic identification of genes associated with plant growthâ€“defense tradeoffs under JA signaling in Arabidopsis. Planta, 2020, 251, 43.	3.2	17
35	MOFs-Based Catalysts Supported Chemical Conversion of CO2. Topics in Current Chemistry, 2020, 378, 11.	5.8	38
36	Direct label-free methods for identification of target proteins in agrochemicals. International Journal of Biological Macromolecules, 2020, 164, 1475-1483.	7.5	5

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37	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
38	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
39	Cluster/cage-based coordination polymers with tetrazole derivatives. Coordination Chemistry Reviews, 2020, 422, 213424.	18.8	39
40	Preparation and Biomedical Applications of Multicolor Carbon Dots: Recent Advances and Future Challenges. Particle and Particle Systems Characterization, 2020, 37, 1900489.	2.3	27
41	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
42	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
43	Highly Efficient Conversion of Propargylic Amines and CO₂ Catalyzed by Nobleâ€Metalâ€Free [Zn₁₁₆] Nanocages. Angewandte Chemie, 2020, 132, 8664-8671.	2.0	10
44	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
45	The different magnetic relaxation behaviors in [Fe(CN)₆]^{3â^'} or [Co(CN)₆]^{3â^'} bridged 3dâ€“4f heterometallic compounds. CrystEngComm, 2020, 22, 2998-3004.	2.6	19
46	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
47	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
48	An Ultrastable Matryoshka [Hf₁₃] Nanocluster as a Luminescent Sensor for Concentrated Alkali and Acid. Angewandte Chemie, 2019, 131, 16763-16769.	2.0	7
49	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
50	Luminescent Detection of Colchicine by a Unique Indiumâ€“Organic Framework in Water with High Sensitivity. Analytical Chemistry, 2019, 91, 9754-9759.	6.5	46
51	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
52	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
53	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
54	Enhancing the energy barrier of dysprosium(<scp>iii</scp>) single-molecule magnets by tuning the magnetic interactions through different N-oxide bridging ligands. CrystEngComm, 2019, 21, 6219-6225.	2.6	11

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55	A stable zincâ€“organic framework with luminescence detection of acetylacetone in aqueous solution. Inorganic Chemistry Frontiers, 2019, 6, 271-277.	6.0	109
56	Discovery of Novel Thiazole Carboxamides as Antifungal Succinate Dehydrogenase Inhibitors. Journal of Agricultural and Food Chemistry, 2019, 67, 1647-1655.	5.2	70
57	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
58	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
59	Highly Selective Enamination of Î²â€ketoesters Catalyzed by Interlocked [Cu 8] and [Cu 18] Nanocages. Angewandte Chemie, 2019, 131, 13436-13441.	2.0	5
60	Homolytic cleavage of water on magnesia film promoted by interfacial oxideâ^'metal nanocomposite. Applied Surface Science, 2019, 487, 1222-1232.	6.1	5
61	Mode of action for a new potential fungicide candidate, 3-(4-Methyl-1,2,3-thiadiazolyl)-6-trichloromethyl-[1,2,4]-triazolo-[3,4-b][1,3,4]-thiadiazole by iTRAQ. Food and Agricultural Immunology, 2019, 30, 533-547.	1.4	8
62	Highly Selective Enamination of Î²â€ketoesters Catalyzed by Interlocked [Cu₈] and [Cu₁₈] Nanocages. Angewandte Chemie - International Edition, 2019, 58, 13302-13307.	13.8	16
63	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
64	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
65	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
66	[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
67	Applications of MOFs: Recent advances in photocatalytic hydrogen production from water. Coordination Chemistry Reviews, 2019, 390, 50-75.	18.8	272
68	Triple-Interpenetrated Lanthanide-Organic Framework as Dual Wave Bands Self-Calibrated pH Luminescent Probe. Analytical Chemistry, 2019, 91, 5455-5460.	6.5	70
69	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
70	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
71	Selectively detecting toluene and benzaldehyde by two stable lanthanideâ€“organic frameworks as luminescent probes. Dalton Transactions, 2019, 48, 3453-3458.	3.3	42
72	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

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73	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
74	Discovery of Novel Piperidinylthiazole Derivatives As Broad-Spectrum Fungicidal Candidates. Journal of Agricultural and Food Chemistry, 2019, 67, 1360-1370.	5.2	23
75	Wheel-like Ln₁₈ Cluster Organic Frameworks for Magnetic Refrigeration and Conversion of CO₂. Inorganic Chemistry, 2018, 57, 3144-3150.	4.0	79
76	A Cuprous/Lanthanideâ€Organic Framework as the Luminescent Sensor of Hypochlorite. Chemistry - A European Journal, 2018, 24, 10296-10299.	3.3	36
77	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
78	Interpenetration-Dependent Luminescent Probe in Indium-Organic Frameworks for Selectively Detecting Nitrofurazone in Water. Analytical Chemistry, 2018, 90, 1516-1519.	6.5	137
79	Metalâ€“metal bonded compounds with uncommon low oxidation state. Coordination Chemistry Reviews, 2018, 365, 122-144.	18.8	42
80	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
81	Design, synthesis and fungicidal activity of isothiazoleâ€“thiazole derivatives. RSC Advances, 2018, 8, 39593-39601.	3.6	23
82	Synthesis and fungicidal activity of monocyclic and fused 1,2,3-triazolium-5-olates. Chemistry of Heterocyclic Compounds, 2018, 54, 956-963.	1.2	5
83	Frontispiece: Metalâ€Organic Frameworks Based on Multicenterâ€Bonded [M^I]₈ (M=Mn, Zn) Clusters with Cubic Aromaticity. Chemistry - A European Journal, 2018, 24, .	3.3	0
84	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
85	Structure-Based Discovery and Synthesis of Potential Transketolase Inhibitors. Molecules, 2018, 23, 2116.	3.8	18
86	Design, Synthesis and Biological Evaluation of Isothiazole Based 1,2,4â€Trizaole Derivatives. Chinese Journal of Chemistry, 2018, 36, 731-736.	4.9	11
87	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
88	Modulating CO₂ Adsorption in Metalâ€“Organic Frameworks via Metal-Ion Doping. Inorganic Chemistry, 2018, 57, 6135-6141.	4.0	21
89	A two-fold interpenetrated zincâ€“organic framework: luminescence detection of CrO42â^'/Cr2O72â^' and chemical conversion of CO2. CrystEngComm, 2018, 20, 6040-6045.	2.6	13
90	Transketolase Is Identified as a Target of Herbicidal Substance Î±-Terthienyl by Proteomics. Toxins, 2018, 10, 41.	3.4	17

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91	Solvent-dependent variations of both structure and catalytic performance in three manganese coordination polymers. Dalton Transactions, 2018, 47, 6986-6994.	3.3	24
92	Trace water accelerating the CO₂ cycloaddition reaction catalyzed by an indiumâ€“organic framework. Inorganic Chemistry Frontiers, 2018, 5, 1694-1699.	6.0	24
93	Steering reduction and decomposition of peroxide compounds by interface interactions between MgO thin film and transition-metal support. Applied Surface Science, 2018, 459, 812-821.	6.1	8
94	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
95	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
96	3d-4f Heterometalâ€“Organic Frameworks for Efficient Capture and Conversion of CO₂. Crystal Growth and Design, 2017, 17, 3128-3133.	3.0	43
97	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
98	Cluster-based MOFs with accelerated chemical conversion of CO₂ through Câ€“C bond formation. Chemical Communications, 2017, 53, 6013-6016.	4.1	89
99	Remarkably Strong Chemisorption of Nitric Oxide on Insulating Oxide Films Promoted by Hybrid Structure. Journal of Physical Chemistry C, 2017, 121, 21482-21490.	3.1	10
100	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
101	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
102	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
103	A Sensitive Luminescent Acetylacetone Probe Based on Znâ€MOF with Sixâ€Fold Interpenetration. Chemistry - A European Journal, 2017, 23, 13289-13293.	3.3	92
104	A Semiâ€Conductive Copperâ€“Organic Framework with Two Types of Photocatalytic Activity. Angewandte Chemie - International Edition, 2016, 55, 4938-4942.	13.8	164
105	A Semiâ€Conductive Copperâ€“Organic Framework with Two Types of Photocatalytic Activity. Angewandte Chemie, 2016, 128, 5022-5026.	2.0	19
106	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
107	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
108	Two solvent-stable MOFs as a recyclable luminescent probe for detecting dichromate or chromate anions. CrystEngComm, 2016, 18, 4445-4451.	2.6	130

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109	A Bifunctional Europiumâ€“Organic Framework with Chemical Fixation of CO₂ and Luminescent Detection of Al³⁺. Inorganic Chemistry, 2016, 55, 9671-9676.	4.0	142
110	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
111	Lanthanide-based metalâ€“organic frameworks as luminescent probes. Dalton Transactions, 2016, 45, 18003-18017.	3.3	233
112	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
113	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
114	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
115	Controlled lanthanideâ€“organic framework nanospheres as reversible and sensitive luminescent sensors for practical applications. Chemical Communications, 2015, 51, 6769-6772.	4.1	97
116	Ultrastrong Alkali-Resisting Lanthanide-Zeolites Assembled by [Ln₆₀] Nanocages. Journal of the American Chemical Society, 2015, 137, 15988-15991.	13.7	248
117	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
118	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
119	Robust metalâ€“organic framework with [Mn3] clusters: Synthesis, structure and magnetic property. Inorganic Chemistry Communication, 2015, 53, 76-79.	3.9	3
120	A multicentre-bonded [ZnI]8 cluster with cubic aromaticity. Nature Communications, 2015, 6, 6331.	12.8	94
121	Ln-Ag heterometallic coordination polymers. Reviews in Inorganic Chemistry, 2015, 35, 81-113.	4.1	7
122	A tetranuclear [Co4] cluster-based metalâ€“organic framework: Synthesis, structure and magnetic property. Inorganic Chemistry Communication, 2015, 55, 5-7.	3.9	6
123	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
124	A triangular [Mn₃] cluster-based ferrimagnet with significant magnetic entropy change. Journal of Materials Chemistry C, 2015, 3, 3494-3499.	5.5	23
125	Unique Chiral Interpenetrating dâ€“f Heterometallic MOFs as Luminescent Sensors. Inorganic Chemistry, 2015, 54, 5266-5272.	4.0	110
126	Lanthanide Organic Framework as a Regenerable Luminescent Probe for Fe³⁺. Inorganic Chemistry, 2015, 54, 4585-4587.	4.0	306

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127	Self-assembly of heterometallic Ln^{III}â€“Co^{II}coordination polymers: syntheses, structures, and magnetic studies. Dalton Transactions, 2015, 44, 18856-18863.	3.3	10
128	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
129	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
130	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
131	The multiple coreâ€“shell structure in Cu24Ln6 cluster with magnetocaloric effect and slow magnetization relaxation. Dalton Transactions, 2014, 43, 5639.	3.3	45
132	Structures, luminescent and magnetic properties of a series of (3,6)-connected lanthanideâ€“organic frameworks. Dalton Transactions, 2014, 43, 1814-1820.	3.3	50
133	Syntheses, structures, photoluminescence and magnetic properties of four-connected lanthanideâ€“tricarboxylate coordination polymers. CrystEngComm, 2013, 15, 3308.	2.6	28
134	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
135	A new octanuclear Fe8 cluster with antiferromagnetic coupling. Inorganic Chemistry Communication, 2013, 35, 89-91.	3.9	6
136	Anion-induced changes of structure interpenetration and magnetic properties in 3D Dyâ€“Cu metalâ€“organic frameworks. Chemical Communications, 2013, 49, 2338.	4.1	87
137	Unique (3,12)-connected coordination polymers displaying high stability, large magnetocaloric effect and slow magnetic relaxation. Chemical Communications, 2013, 49, 6066.	4.1	139
138	A 24-Gd nanocapsule with a large magnetocaloric effect. Chemical Communications, 2013, 49, 1055-1057.	4.1	262
139	Four Coordination Polymers Containing 2, 6â€NaphthalenediÂcarboxylic Acid and 1, 10â€Phenanthroline: Synthesis, Structure, and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 626-632.	1.2	12
140	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
141	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
142	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
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