Feng Luo

List of Publications by Year
in descending order

185	8,210	46984	56687
papers	citations	47 h-index	83 g-index

192	192	192	7124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A [Th ₈ Co ₈] Nanocage-Based Metalâ€“Organic Framework with Extremely Narrow Window but Flexible Nature Enabling Dual-Sieving Effect for Both Isotope and Isomer Separation. CCS Chemistry, 2022, 4, 1016-1027.	4.6	15
2	Rational tuning of thorium-organic frameworks by reticular chemistry for boosting radionuclide sequestration. Nano Research, 2022, 15, 1472-1478.	5.8	24
3	Applications of covalent organic frameworkâ€“based nanomaterials as superior adsorbents in wastewater treatment. , 2022, , 127-159.		0
4	Multi-step Phase Transformation from Metalâ€“Organic Frameworks to Inorganic Compounds for High-Purity Th(IV) Generation. Inorganic Chemistry, 2022, , .	1.9	1
5	Luminescence modulation by twisting the branches of organic building blocks in uranyl-organic frameworks. Cell Reports Physical Science, 2022, , 100913.	2.8	4
6	Robust Th-MOF-Supported Semirigid Single-Metal-Site Catalyst for an Efficient Acidic Oxygen Evolution Reaction. ACS Catalysis, 2022, 12, 9101-9113.	5.5	25
7	Carambola-like metal-organic frameworks for high-performance electrocatalytic oxygen evolution reaction. Journal of Energy Chemistry, 2021, 53, 358-363.	7.1	23
8	High Adsorption Capacity and Selectivity of SO₂ over CO₂ in a Metalâ€“Organic Framework. Inorganic Chemistry, 2021, 60, 4-8.	1.9	22
9	Tunable perylene-based donor-acceptor conjugated microporous polymer to significantly enhance photocatalytic uranium extraction from seawater. Chemical Engineering Journal, 2021, 412, 127558.	6.6	64
10	Constructing a robust gigantic drum-like hydrophobic [Co24U6] nanocage in a metalâ€“organic framework for high-performance SO2 removal in humid conditions. Journal of Materials Chemistry A, 2021, 9, 4075-4081.	5.2	9
11	A novel partially open state of SHP2 points to a â€œmultiple gearâ€•regulation mechanism. Journal of Biological Chemistry, 2021, 296, 100538.	1.6	18
12	Robust 4dâ€“5f Bimetalâ€“Organic Framework for Efficient Removal of Trace SO₂ from SO₂/CO₂ and SO₂/CO₂/N₂ Mixtures. Inorganic Chemistry, 2021, 60, 1310-1314.	1.9	14
13	A Robust Cage-Based Metalâ€“Organic Framework Showing Ultrahigh SO₂ Uptake for Efficient Removal of Trace SO₂ from SO₂/CO₂ and SO₂/CO₂/N₂ Mixtures. Inorganic Chemistry, 2021, 60, 3447-3451.	1.9	19
14	Structural Evolution from Noninterpenetrated to Interpenetrated Thoriumâ€“Organic Frameworks Exhibiting High Propyne Storage. Inorganic Chemistry, 2021, 60, 6472-6479.	1.9	16
15	Classified Encapsulation of an Organic Dye and Metalâ€“Organic Complex in Different Molecular Compartments for White-Light Emission and Selective Adsorption of C2H2 over CO2. Inorganic Chemistry, 2021, 60, 8211-8217.	1.9	7
16	Robust metalâ€“organic framework with multiple traps for trace Xe/Kr separation. Science Bulletin, 2021, 66, 1073-1079.	4.3	55
17	Constructing Well-Defined and Robust Th-MOF-Supported Single-Site Copper for Production and Storage of Ammonia from Electroreduction of Nitrate. ACS Central Science, 2021, 7, 1066-1072.	5.3	59
18	U=O activation in uranyl-organic framework through solid-liquid reaction: A powerful tool to modulate electronic and magnetic structure. Journal of Solid State Chemistry, 2021, 298, 121948.	1.4	0

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19	A 1D brick-like coordination polymer containing free-standing sulfonic units for luminescence sensing of uranium in aqueous solution. Journal of Solid State Chemistry, 2021, 299, 122153.	1.4	3
20	Synthesis, Characterization, and Electrocatalytic Activity Exploration of MOF-74: A Research-Style Laboratory Experiment. Journal of Chemical Education, 2021, 98, 3341-3347.	1.1	10
21	A new Zn-triazole MOF showing very long-lived luminescence up to 3Ââ€‹s. Journal of Solid State Chemistry, 2021, 301, 122369.	1.4	10
22	Highly stable Cd(II)-MOFs based on 2,6-naphthanlenedisulfonate and bisimidazole ligands: A new platform for selective detection of Cu2+ and efficient removal of iodine. Journal of Solid State Chemistry, 2021, 302, 122439.	1.4	3
23	A robust metal-organic framework showing two distinct pores for effective separation of xenon and krypton. Microporous and Mesoporous Materials, 2021, 326, 111350.	2.2	7
24	Creating and tailoring ultrathin two-dimensional uranyl-organic framework nanosheets for boosting photocatalytic oxidation reactions. Applied Catalysis B: Environmental, 2021, 297, 120485.	10.8	14
25	Sulfonated perylene-based conjugated microporous polymer as a high-performance adsorbent for photo-enhanced uranium extraction from seawater. Polymer Chemistry, 2021, 12, 867-875.	1.9	29
26	A Robust Calciumâ€“Organic Framework for Effective Separation of Xenon and Krypton. Crystal Growth and Design, 2021, 21, 954-959.	1.4	7
27	Uâ€“Co Bimetallicâ€“Organic Framework Showing a Helical 1D Pore Decorated by Abundant â^’CH3 Groups: Robust Nature under Acid, Base, and Water for High-Performance SO2 Removal. Inorganic Chemistry, 2021, , .	1.9	0
28	Selective extraction of thorium from uranium and rare earth elements using sulfonated covalent organic framework and its membrane derivate. Chemical Engineering Journal, 2020, 384, 123240.	6.6	96
29	Constructing redox-active microporous hydrogen-bonded organic framework by imide-functionalization: Photochromism, electrochromism, and selective adsorption of C2H2 over CO2. Chemical Engineering Journal, 2020, 383, 123117.	6.6	63
30	High-performance removal of mercury ions (II) and mercury vapor by SO3â^’-anchored covalent organic framework. Journal of Solid State Chemistry, 2020, 282, 121126.	1.4	17
31	Grafting functional groups in metalâ€“organic frameworks for U(<scp>vi</scp>) sorption from aqueous solutions. Dalton Transactions, 2020, 49, 12536-12545.	1.6	32
32	Boosting Selective Adsorption of Xe over Kr by Double-Accessible Open-Metal Site in Metalâ€“Organic Framework: Experimental and Theoretical Research. Inorganic Chemistry, 2020, 59, 11793-11800.	1.9	34
33	A Ni/Fe complex incorporated into a covalent organic framework as a single-site heterogeneous catalyst for efficient oxygen evolution reaction. Inorganic Chemistry Frontiers, 2020, 7, 3925-3931.	3.0	25
34	Thhorium Metalâ€“Organic Framework Showing Proton Transformation from [NH₂(CH₃)₂]⁺ to the Carboxyl Group to Enhance Porosity for Selective Adsorption of D₂ over H₂ and Ammonia Capture. Crystal Growth and Design, 2020, 20, 3605-3610.	1.4	5
35	Parkinsonâ€™s disease associated mutation E46K of Î±-synuclein triggers the formation of a distinct fibril structure. Nature Communications, 2020, 11, 2643.	5.8	76
36	A robust Th-azole framework for highly efficient purification of C2H4 from a C2H4/C2H2/C2H6 mixture. Nature Communications, 2020, 11, 3163.	5.8	192

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37	General Strategy to Fabricate Metal-Incorporated Pyrolysis-Free Covalent Organic Framework for Efficient Oxygen Evolution Reaction. Inorganic Chemistry, 2020, 59, 4995-5003.	1.9	49
38	General Approach for Constructing Mechanoresponsive and Redox-Active Metalâ€“Organic and Covalent Organic Frameworks by Solidâ€“Liquid Reaction: Ferrocene as the Versatile Function Unit. Inorganic Chemistry, 2020, 59, 5271-5275.	1.9	10
39	Heteroatom engineering of polymeric carbon nitride heterojunctions for boosting photocatalytic reduction of hexavalent uranium. Molecular Systems Design and Engineering, 2020, 5, 882-889.	1.7	21
40	A highly rare 3D U-Cu metal-organic framework showing three-connected srs topology and nine-fold interpenetration. Inorganic Chemistry Communication, 2020, 119, 108041.	1.8	5
41	Flexible and robust bimetallic covalent organic frameworks for the reversible switching of electrocatalytic oxygen evolution activity. Journal of Materials Chemistry A, 2020, 8, 5907-5912.	5.2	50
42	Rare Three-Dimensional Uranylâ€“Biphenyl-3,3â€²-disulfonyl-4,4â€²-dicarboxylate Frameworks: Crystal Structures, Proton Conductivity, and Luminescence. Inorganic Chemistry, 2020, 59, 2952-2960.	1.9	23
43	Constructing PtI@COF for semi-hydrogenation reactions of phenylacetylene. Journal of Solid State Chemistry, 2020, 285, 121176.	1.4	8
44	Ultrahigh uranium extraction performance of COFs/SPES mixed matrix membranes at acidic medium. Journal of Solid State Chemistry, 2020, 288, 121364.	1.4	19
45	Creating uniform pores for xenon/ krypton and acetylene/ethylene separation on a strontium-based metal-organic framework. Journal of Solid State Chemistry, 2020, 288, 121337.	1.4	8
46	Ultralow-Content Iron-Decorated Ni-MOF-74 Fabricated by a Metalâ€“Organic Framework Surface Reaction for Efficient Electrocatalytic Water Oxidation. Inorganic Chemistry, 2019, 58, 11500-11507.	1.9	55
47	Stable Iron Hydroxide Nanosheets@Cobaltâ€Metalâ€“Organicâ€“Framework Heterostructure for Efficient Electrocatalytic Oxygen Evolution. ChemSusChem, 2019, 12, 4623-4628.	3.6	46
48	Ultralow-Content Palladium Dispersed in Covalent Organic Framework for Highly Efficient and Selective Semihydrogenation of Alkynes. Inorganic Chemistry, 2019, 58, 10829-10836.	1.9	28
49	Programming Conventional Electron Microscopes for Solving Ultrahigh-Resolution Structures of Small and Macro-Molecules. Analytical Chemistry, 2019, 91, 10996-11003.	3.2	23
50	Constructing bimetal-complex based hydrogen-bonded framework for highly efficient electrocatalytic water splitting. Applied Catalysis B: Environmental, 2019, 258, 117973.	10.8	55
51	U(VI) adsorption onto covalent organic frameworks-TpPa-1. Journal of Solid State Chemistry, 2019, 277, 484-492.	1.4	76
52	Insight into volatile iodine uptake properties of covalent organic frameworks with different conjugated structures. Journal of Solid State Chemistry, 2019, 279, 120979.	1.4	48
53	Second messenger Ap4A polymerizes target protein HINT1 to transduce signals in FcÎµRI-activated mast cells. Nature Communications, 2019, 10, 4664.	5.8	19
54	Enhancing C₂H₂/C₂H₄ separation by incorporating low-content sodium in covalent organic frameworks. Inorganic Chemistry Frontiers, 2019, 6, 2921-2926.	3.0	24

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55	Unique magnetic behaviour of coexistence of single ion magnet and spin crossover. Inorganic Chemistry Communication, 2019, 102, 10-15.	1.8	2
56	Synthesis of novel nanomaterials and their application in efficient removal of radionuclides. Science China Chemistry, 2019, 62, 933-967.	4.2	256
57	Ammoniating Covalent Organic Framework (COF) for Highâ€Performance and Selective Extraction of Toxic and Radioactive Uranium Ions. Advanced Science, 2019, 6, 1900547.	5.6	200
58	Azo-MOFs showing controllable framework flexibility and consequently fine-tuned photomechanical crystal motion. Journal of Solid State Chemistry, 2019, 277, 182-186.	1.4	7
59	Structural basis for reversible amyloids of hnRNPA1 elucidates their role in stress granule assembly. Nature Communications, 2019, 10, 2006.	5.8	157
60	Dual magnetic behavior of dysprosium(III) molecular magnet and Co(II) spin-crossover in an isolated [3d]-[4f] compound. Inorganic Chemistry Communication, 2019, 105, 93-96.	1.8	2
61	Structure-Based Peptide Inhibitor Design of Amyloid-Î² Aggregation. Frontiers in Molecular Neuroscience, 2019, 12, 54.	1.4	58
62	Syntheses, Structures, and Magnetic Properties of a Series of Heterotri-, Tetra- and Pentanuclear LnIIIâ€“CoII Compounds. Polymers, 2019, 11, 196.	2.0	6
63	Hierarchical Ni₂P@NiFeAlO_x Nanosheet Arrays as Bifunctional Catalysts for Superior Overall Water Splitting. Inorganic Chemistry, 2019, 58, 3247-3255.	1.9	47
64	Heat shock protein 104 (HSP104) chaperones soluble Tau via a mechanism distinct from its disaggregase activity. Journal of Biological Chemistry, 2019, 294, 4956-4965.	1.6	28
65	Highly efficient transfer hydrodeoxygenation of vanillin over Sn4+-induced highly dispersed Cu-based catalyst. Applied Surface Science, 2019, 480, 548-556.	3.1	42
66	A Zinc MOF with Carboxylate Oxygenâ€Functionalized Pore Channels for Uranium(VI) Sorption. European Journal of Inorganic Chemistry, 2019, 2019, 735-739.	1.0	31
67	Anchoring nZVI on metal-organic framework for removal of uranium(â…¥) from aqueous solution. Journal of Solid State Chemistry, 2019, 269, 16-23.	1.4	56
68	Metal-organic framework (MOF) showing both ultrahigh As(V) and As(III) removal from aqueous solution. Journal of Solid State Chemistry, 2019, 269, 264-270.	1.4	78
69	Atomic structures of FUS LC domain segments reveal bases for reversible amyloid fibril formation. Nature Structural and Molecular Biology, 2018, 25, 341-346.	3.6	185
70	Engineering design toward exploring the functional group substitution in 1D channels of Znâ€“organic frameworks upon nitro explosives and antibiotics detection. Dalton Transactions, 2018, 47, 5359-5365.	1.6	126
71	Beyond Crystal Engineering: Significant Enhancement of C₂H₂/CO₂ Separation by Constructing Composite Material. Inorganic Chemistry, 2018, 57, 3679-3682.	1.9	35
72	Frontispiece: The MOF+ Technique: A Potential Multifunctional Platform. Chemistry - A European Journal, 2018, 24, .	1.7	0

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73	Applying MOF⁺ technique for in situ preparation of a hybrid material for hydrogenation reaction. Dalton Transactions, 2018, 47, 14889-14892.	1.6	12
74	Pd@Zn-MOF-74: Restricting a Guest Molecule by the Open-Metal Site in a Metalâ€“Organic Framework for Selective Semihydrogenation. Inorganic Chemistry, 2018, 57, 12444-12447.	1.9	26
75	Hybrid Catalyst of a Metalâ€“Organic Framework, Metal Nanoparticles, and Oxide That Enables Strong Steric Constraint and Metalâ€“Support Interaction for the Highly Effective and Selective Hydrogenation of Cinnamaldehyde. Inorganic Chemistry, 2018, 57, 12461-12465.	1.9	17
76	Metal-organic framework containing both azo and amide groups for effective U(VI) removal. Journal of Solid State Chemistry, 2018, 265, 148-154.	1.4	28
77	Amyloid fibril structure of Î±-synuclein determined by cryo-electron microscopy. Cell Research, 2018, 28, 897-903.	5.7	339
78	A new azo metal-organic framework showing polycatenated 3D array and ultrahigh U(VI) removal. Journal of Solid State Chemistry, 2018, 266, 244-249.	1.4	15
79	Functionalizing a Metalâ€“Organic Framework by a Photoassisted Multicomponent Postsynthetic Modification Approach Showing Highly Effective Hg(II) Removal. Inorganic Chemistry, 2018, 57, 8722-8725.	1.9	43
80	The MOF⁺ Technique: A Potential Multifunctional Platform. Chemistry - A European Journal, 2018, 24, 13701-13705.	1.7	9
81	Direct extraction of U(VI) from alkaline solution and seawater via anion exchange by metal-organic framework. Chemical Engineering Journal, 2017, 316, 154-159.	6.6	128
82	Significant Enhancement of C₂H₂/C₂H₄ Separation by a Photochromic Diarylethene Unit: A Temperatureâ€•and Lightâ€Responsive Separation Switch. Angewandte Chemie, 2017, 129, 8008-8014.	1.6	22
83	Significant Enhancement of C₂H₂/C₂H₄ Separation by a Photochromic Diarylethene Unit: A Temperatureâ€•and Lightâ€Responsive Separation Switch. Angewandte Chemie - International Edition, 2017, 56, 7900-7906.	7.2	145
84	Lanthanide separation using size-selective crystallization of Ln-MOFs. Chemical Communications, 2017, 53, 5737-5739.	2.2	31
85	Reversible photo/thermoswitchable dual-color fluorescence through single-crystal-to-single-crystal transformation. Dalton Transactions, 2017, 46, 338-341.	1.6	29
86	Correction: Lanthanide separation using size-selective crystallization of Ln-MOFs. Chemical Communications, 2017, 53, 7100-7100.	2.2	0
87	InnenrÃ¼cktitelbild: Significant Enhancement of C₂H₂/C₂H₄ Separation by a Photochromic Diarylethene Unit: A Temperatureâ€•and Lightâ€Responsive Separation Switch (Angew. Chem. 27/2017). Angewandte Chemie, 2017, 129, 8127-8127.	1.6	2
88	Photoswitching storage of guest molecules in metalâ€“organic framework for photoswitchable catalysis: exceptional product, ultrahigh photocontrol, and photomodulated size selectivity. Journal of Materials Chemistry A, 2017, 5, 7961-7967.	5.2	34
89	Photoswitching adsorption selectivity in a diaryletheneâ€“azobenzene MOF. Chemical Communications, 2017, 53, 763-766.	2.2	80
90	The MOF⁺ Technique: A Significant Synergic Effect Enables High Performance Chromate Removal. Angewandte Chemie - International Edition, 2017, 56, 16376-16379.	7.2	102

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91	Size-selective catalysts in five functionalized porous coordination polymers with unsaturated zinc centers. New Journal of Chemistry, 2017, 41, 12611-12616.	1.4	24
92	RÃ¼cktitelbild: The MOF⁺ Technique: A Significant Synergic Effect Enables High Performance Chromate Removal (Angew. Chem. 51/2017). Angewandte Chemie, 2017, 129, 16636-16636.	1.6	0
93	The MOF⁺ Technique: A Significant Synergic Effect Enables High Performance Chromate Removal. Angewandte Chemie, 2017, 129, 16594-16597.	1.6	12
94	Using MOF-74 for Hg2+ removal from ultra-low concentration aqueous solution. Journal of Solid State Chemistry, 2017, 246, 16-22.	1.4	79
95	In-situ modification of trinuclear Mg 3 unit for modulating topology, porosity, and adsorption properties. Inorganic Chemistry Communication, 2016, 70, 181-184.	1.8	3
96	Photo-responsive azo MOF exhibiting high selectivity for CO₂ and xylene isomers. Journal of Coordination Chemistry, 2016, 69, 1179-1187.	0.8	20
97	Adsorption equilibrium and kinetics of uranium onto porous azo-metalâ€“organic frameworks. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 353-362.	0.7	56
98	UTSA-74: A MOF-74 Isomer with Two Accessible Binding Sites per Metal Center for Highly Selective Gas Separation. Journal of the American Chemical Society, 2016, 138, 5678-5684.	6.6	489
99	MOF surface method for the ultrafast and one-step generation of metal-oxide-NP@MOF composites as lithium storage materials. Journal of Materials Chemistry A, 2016, 4, 13603-13610.	5.2	37
100	Isoreticular MOFs functionalized in the pore wall by different organic groups for high-performance removal of uranyl ions. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 317-327.	0.7	34
101	A novel MOF showing a ring-like planar Zn₆cluster and the coexistence of a single, double, and triple wall. CrystEngComm, 2016, 18, 6336-6340.	1.3	5
102	In situ identification and absolute separation of small molecules by single crystal X-ray diffraction in metalâ€“organic frameworks. CrystEngComm, 2016, 18, 5429-5433.	1.3	4
103	MOF catalysis of Fe^{II}-to-Fe^{III} reaction for an ultrafast and one-step generation of the Fe₂O₃@MOF composite and uranium(<scp>vi</scp>) reduction by iron(<scp>ii</scp>) under ambient conditions. Chemical Communications, 2016, 52, 9538-9541.	2.2	43
104	Thermodynamically stable MOF showing a highly rare four-connected hxg-d-4-Cccm net with self-penetration, polyrotaxane, and polycatenane multi-features. CrystEngComm, 2016, 18, 1693-1698.	1.3	6
105	Coumarin-modified microporous-mesoporous Zn-MOF-74 showing ultra-high uptake capacity and photo-switched storage/release of UVI ions. Journal of Hazardous Materials, 2016, 311, 30-36.	6.5	126
106	Construction of structural diversity and fine-tuned porosity in acylamide MOFs by a synthetic approach. New Journal of Chemistry, 2016, 40, 2021-2027.	1.4	7
107	Removal and safe reuse of highly toxic allyl alcohol using a highly selective photo-sensitive metalâ€“organic framework. Green Chemistry, 2016, 18, 2047-2055.	4.6	46
108	Synthesis, structure and luminescence properties of two new acylamide metalâ€“organic frameworks showing 4-connected CdSO4and a threefold interpenetratingdianet. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 636-642.	0.2	0

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109	A Complex Selfâ€Catenated Coordination Framework with a Rare (3,12)â€Connected Underlying Net Showing Selective Adsorption of CO₂. European Journal of Inorganic Chemistry, 2015, 2015, 4633-4637.	1.0	2
110	Ultrafast high-performance extraction of uranium from seawater without pretreatment using an acylamide- and carboxyl-functionalized metalâ€“organic framework. Journal of Materials Chemistry A, 2015, 3, 13724-13730.	5.2	161
111	Novel azo-Metalâ€“Organic Framework Showing a 10-Connected bct Net, Breathing Behavior, and Unique Photoswitching Behavior toward CO₂. Inorganic Chemistry, 2015, 54, 11587-11589.	1.9	65
112	Three-dimensional graphene oxide/phytic acid composite for uranium(VI) sorption. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 507-514.	0.7	26
113	High-performance Hg²⁺ removal from ultra-low-concentration aqueous solution using both acylamide- and hydroxyl-functionalized metalâ€“organic framework. Journal of Materials Chemistry A, 2015, 3, 9616-9620.	5.2	151
114	Five porous zinc(<scp>ii</scp>) coordination polymers functionalized with amide groups: cooperative and size-selective catalysis. Journal of Materials Chemistry A, 2015, 3, 20210-20217.	5.2	43
115	An unprecedented (3, 4)-connected self-penetrating metalâ€“organic framework. Inorganic Chemistry Communication, 2014, 39, 90-93.	1.8	5
116	Photoswitching CO₂ Capture and Release in a Photochromic Diarylethene Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2014, 53, 9298-9301.	7.2	238
117	Construction and modulation of structural diversity in acylamide-MOFs. CrystEngComm, 2014, 16, 5608-5618.	1.3	11
118	An unprecedented (4,8)-connected net featuring gsp2 topology and containing an exceptional coordination mode of acylamide ligand. CrystEngComm, 2014, 16, 5216.	1.3	5
119	Exceptional temperature-dependent coordination sites from acylamide groups. Dalton Transactions, 2014, 43, 5260.	1.6	14
120	Modulation of experimental conditions towards generation of a heterometallic Na2Co4 cluster or a homometallic Co4 cluster and ligand formed in situ. CrystEngComm, 2014, 16, 2570.	1.3	12
121	Constructing various metalâ€“organic frameworks by mixed pyridineâ€“acylamide and carboxylate ligands: ring-like or helical building blocks. CrystEngComm, 2014, 16, 7440-7451.	1.3	14
122	Urothermal synthesis of mononuclear lanthanide compounds: slow magnetization relaxation observed in Dy analogue. CrystEngComm, 2014, 16, 585-590.	1.3	12
123	A novel acylamide MOF showing self-catenated hxg-d-4-Fddd nets with 3-fold interpenetration and highly selective adsorption of CO2 over N2, CH4, and CO. Inorganic Chemistry Communication, 2014, 49, 56-58.	1.8	15
124	An unprecedented (3, 6)-connected net featuring tcj-3,6-P2₁/c topology. RSC Advances, 2014, 4, 36282-36285.	1.7	3
125	A novel 4-connected binodal Moganite net with three-fold interpenetration. Inorganic Chemistry Communication, 2014, 39, 1-4.	1.8	5
126	A new acrylamide MOF with sra net showing an uncommon eight-fold interpenetration. Inorganic Chemistry Communication, 2014, 44, 29-31.	1.8	3

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127	Framework isomers controlled by the speed of crystallization: different aggregation fashions of Zn(ii) and 1,2,4-triazol-3-amine, distinct (3,4)-connected self-penetrating nets, and various pore shapes. Dalton Transactions, 2013, 42, 13802.	1.6	13
128	A microporous metalâ€“organic framework containing an exceptional four-connecting 4264topology and a combined effect for highly selective adsorption of CO2over N2. Dalton Transactions, 2013, 42, 50-53.	1.6	12
129	Solvent-induced reversible single-crystal-to-single-crystal transformations observed in lanthanide complexes. Dalton Transactions, 2013, 42, 8545.	1.6	17
130	Simple Method and Materials to Target Co(II)-Dy(III) Multi-Nuclear Magnetic Compounds and Single Molecule Magnets (SMMs): Synthesis, Structure, and Magnetic Studies. Australian Journal of Chemistry, 2013, 66, 75.	0.5	20
131	Optimization of Reaction Conditions towards Multiple Types of Framework Isomers and Periodicâ€increased Porosity: Luminescence Properties and Selective CO₂ Adsorption over N₂. ChemPhysChem, 2013, 14, 3594-3599.	1.0	14
132	2-(1H-pyrazol-3-yl)pyrazine: a polytopic N-donor ligand used to construct Cu-[2+2] molecular grid: synthesis, structure, and magnetic properties. Journal of Coordination Chemistry, 2012, 65, 104-111.	0.8	4
133	Two New One-Dimensional Homospin Dy(III) Compounds Showing Slow Magnetic Relaxation. Australian Journal of Chemistry, 2012, 65, 1436.	0.5	4
134	Three new acylamide ligands formed in situ and their application in constructing metalâ€“organic frameworks. CrystEngComm, 2012, 14, 8418.	1.3	14
135	[Zn5(PO4)(HPO4)4(Hbpy)2(bpy)][H2PO4]Â·H2O: a novel inorganicâ€“organic metal-phosphate framework showing an unprecedented (3,4)-connected (4Â·62)6(4Â·62Â·103)2(64Â·102)2 topology and the coexistence of various phosphates. CrystEngComm, 2012, 14, 5730.	1.3	9
136	A novel 2Dâ†'3D array in a vertical mode containing both polyrotaxane and polycatenane motifs. CrystEngComm, 2012, 14, 5714.	1.3	49
137	Carboxylate-assisted acylamide metalâ€“organic frameworks: synthesis, structure, thermostability and luminescence studies. CrystEngComm, 2012, 14, 6182.	1.3	38
138	Solvent-induced supramolecular isomers, structural diversity, and unprecedented in situ formation of both inorganic and organic ions in inorganicâ€“organic mercury(ii) complexes. Dalton Transactions, 2012, 41, 12670.	1.6	23
139	A self-catenated network containing unprecedented 0D + 2D â†' 2D polycatenation array. Dalton Transactions, 2012, 41, 11559.	1.6	34
140	Promising long-lasting phosphor material: a novel metalâ€“organic framework showing intriguing luminescent performance. Dalton Transactions, 2012, 41, 13280.	1.6	34
141	The first 2Dâ†'3D polycatenation array built on (3,4)-connected bilayer nets. CrystEngComm, 2012, 14, 7861.	1.3	21
142	The synthesis, structure, and magnetic studies of one supramolecular PtS net. Journal of Coordination Chemistry, 2012, 65, 2705-2712.	0.8	2
143	Functionalizing the pore wall of chiral porous metalâ€“organic frameworks by distinct â€“H, â€“OH, â€“NH2, â€“NO2, â€“COOH shutters showing selective adsorption of CO2, tunable photoluminescence, and direct white-light emission. Chemical Communications, 2012, 48, 5989.	2.2	145
144	A series of 1D Dy(iii) compound showing slow magnetic relaxation: synthesis, structure, and magnetic studies. Dalton Transactions, 2012, 41, 6749.	1.6	15

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145	The application of single-crystal-to-single-crystal transformation towards adjustable SMM properties. Chemical Communications, 2012, 48, 1006-1008.	2.2	131
146	Multifunctional 3-Fold Interpenetrated Porous Metalâ€“Organic Frameworks Composed of Unprecedented Self-Catenated Networks. Crystal Growth and Design, 2012, 12, 3392-3396.	1.4	46
147	An unprecedented T4(1)4(2)5(2) water topology. Inorganic Chemistry Communication, 2012, 15, 252-255.	1.8	4
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