

# He-Gen Zheng

## List of Publications by Year in descending order

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146  
papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Novel MOF-derived hollow CoFe alloy coupled with N-doped Ketjen Black as boosted bifunctional oxygen catalysts for Zn-air batteries. <i>Chemical Engineering Journal</i> , 2022, 427, 131614.	12.7	50
2	From Hydrogen Bond to van der Waals Force: Molecular Scalpel Strategy to Exfoliate a Two-Dimensional Metal-Organic Nanosheet. <i>Inorganic Chemistry</i> , 2022, 61, 5465-5468.	4.0	0
3	Energetic MOF-derived hollow carbon tubes with interconnected channels and encapsulated nickel-cobalt alloy sites as bifunctional catalysts for Zn-air batteries with stable cycling over 600 cycles. <i>Applied Surface Science</i> , 2022, 591, 153070.	6.1	10
4	Response to the Temperature and Solvent Stimulation of MOF Material in a Single-Crystal to Single-Crystal Manner. <i>Inorganic Chemistry</i> , 2022, 61, 47-51.	4.0	4
5	Stable Cd Metal-Organic Framework as a Multiresponsive Luminescent Biosensor for Rapid, Accurate, and Recyclable Detection of Hippuric Acid, Nucleoside Phosphates, and Fe <sup>3+</sup> in Urine and Serum. <i>Inorganic Chemistry</i> , 2022, 61, 11243-11251.	4.0	12
6	MOF-derived Co-MOF, O-doped carbon as trifunctional electrocatalysts to enable highly efficient Zn-air batteries and water-splitting. <i>Journal of Energy Chemistry</i> , 2021, 56, 290-298.	12.9	117
7	Fluorescence recognition of adenosine triphosphate and uric acid by two Eu-based metal-organic frameworks. <i>Journal of Materials Chemistry C</i> , 2021, 9, 6051-6061.	5.5	44
8	Mixed matrix membranes containing fluorescent coordination polymers for detecting Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> with high sensitivity, stability and recyclability. <i>Dalton Transactions</i> , 2021, 50, 7944-7948.	3.3	9
9	Molecular engineering in a family of pillared-layered metal-organic frameworks for tuning gas adsorption behavior. <i>Dalton Transactions</i> , 2021, 50, 7409-7416.	3.3	5
10	A novel and efficient method of MOF-derived electrocatalyst for HER performance through doping organic ligands. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7833-7842.	5.9	8
11	A Water-Stable Tb-MOF As a Rapid, Accurate, and Highly Sensitive Ratiometric Luminescent Sensor for the Discriminative Sensing of Antibiotics and D <sub>2</sub> O in H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 2021, 60, 10513-10521.	4.0	54
12	Energetic MOF-derived cobalt/iron nitrides embedded into N, S-codoped carbon nanotubes as superior bifunctional oxygen catalysts for Zn-air batteries. <i>Applied Surface Science</i> , 2021, 569, 151030.	6.1	17
13	The difference in the CO <sub>2</sub> adsorption capacities of different functionalized pillar-layered metal-organic frameworks (MOFs). <i>Dalton Transactions</i> , 2021, 50, 9310-9316.	3.3	9
14	MOF-derived CoNi, CoO, NiO@N-C bifunctional oxygen electrocatalysts for liquid and all-solid-state Zn-air batteries. <i>Nanoscale</i> , 2021, 13, 17655-17662.	5.6	14
15	Four New Luminescent Metal-Organic Frameworks as Multifunctional Sensors for Detecting Fe <sup>3+</sup> , Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> and Nitromethane. <i>Crystal Growth and Design</i> , 2020, 20, 1898-1904.	3.0	45
16	Trimetal-based N-doped carbon nanotubes arrays on Ni foams as self-supported electrodes for hydrogen/oxygen evolution reactions and water splitting. <i>Journal of Power Sources</i> , 2020, 480, 228866.	7.8	46
17	Improving the Stability and Visualizing the Structural Transformation of the Stimuli-Responsive Metal-Organic Frameworks (MOFs). <i>Inorganic Chemistry</i> , 2020, 59, 5093-5098.	4.0	10
18	Bifunctional electrocatalysts for Zn-air batteries: recent developments and future perspectives. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6144-6182.	10.3	207

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19	Three metal-organic framework isomers of different pore sizes for selective CO <sub>2</sub> adsorption and isomerization studies. Dalton Transactions, 2020, 49, 5618-5624.	3.3	18
20	Syntheses, crystal structures, dye degradation and luminescence sensing properties of four coordination polymers. CrystEngComm, 2020, 22, 2327-2335.	2.6	24
21	A Europium-based MOF Fluorescent Probe for Efficiently Detecting Malachite Green and Uric Acid. Inorganic Chemistry, 2020, 59, 7181-7187.	4.0	99
22	MOF-derived Fe,Co@N-C bifunctional oxygen electrocatalysts for Zn-air batteries. Journal of Materials Chemistry A, 2020, 8, 9355-9363.	10.3	151
23	Two bifunctional photoluminescent Zn (II) coordination polymers for detection of Fe <sup>3+</sup> ion and nitrobenzene. Inorganic Chemistry Communication, 2019, 107, 107479.	3.9	6
24	An excellent example illustrating the fluorescence sensing property of cobalt-organic frameworks. Dalton Transactions, 2019, 48, 2285-2289.	3.3	22
25	Three Anionic Indium-Organic Frameworks for Highly Efficient and Selective Dye Adsorption, Lanthanide Adsorption, and Luminescence Regulation. Inorganic Chemistry, 2019, 58, 8396-8407.	4.0	34
26	Effective adsorption of Congo red by a MOF-based magnetic material. Dalton Transactions, 2019, 48, 4650-4656.	3.3	96
27	Three Cd(II) MOFs with Different Functional Groups: Selective CO <sub>2</sub> Capture and Metal Ions Detection. Inorganic Chemistry, 2018, 57, 5232-5239.	4.0	78
28	A Highly Solvent-Stable Metal-Organic Framework Nanosheet: Morphology Control, Exfoliation, and Luminescent Property. Small, 2018, 14, e1703873.	10.0	88
29	Novel MOF-Derived Co@N-C Bifunctional Catalysts for Highly Efficient Zn-Air Batteries and Water Splitting. Advanced Materials, 2018, 30, 1705431.	21.0	667
30	A bifunctional photoluminescent metal-organic framework for detection of Fe <sup>3+</sup> ion and nitroaromatics. Inorganic Chemistry Communication, 2018, 89, 68-72.	3.9	18
31	Three Zn(ii)-based MOFs for luminescence sensing of Fe <sup>3+</sup> and Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> ions. Dalton Transactions, 2018, 47, 3298-3302.	3.3	51
32	A triphenylamine-functionalized luminescent sensor for efficient p-nitroaniline detection. Dalton Transactions, 2018, 47, 7222-7228.	3.3	44
33	Selective separation of methyl orange from water using magnetic ZIF-67 composites. Chemical Engineering Journal, 2018, 333, 49-57.	12.7	313
34	The Mutation in the Single-Crystal Structural Transformation Process, Induced by the Combined Stimuli of Temperature and Solvent. Chemistry - A European Journal, 2018, 24, 327-331.	3.3	5
35	Two MOFs as dual-responsive photoluminescence sensors for metal and inorganic ion detection. Dalton Transactions, 2018, 47, 8257-8263.	3.3	41
36	Cd-Based metal-organic frameworks from solvothermal reactions involving in situ aldimine condensation and the highly sensitive detection of Fe <sup>3+</sup> ions. Dalton Transactions, 2017, 46, 2332-2338.	3.3	43

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37	Exploring the Detection of Metal Ions by Tailoring the Coordination Mode of V-Shaped Thienylpyridyl Ligand in Three MOFs. <i>Inorganic Chemistry</i> , 2017, 56, 2936-2940.	4.0	69
38	Six isostructural lanthanide-containing MOFs built on a semi-rigid tripodal organic ligand. <i>Inorganic Chemistry Communication</i> , 2017, 78, 1-4.	3.9	18
39	Photodegradation of Some Organic Dyes over Two Metal-Organic Frameworks with Especially High Efficiency for Safranin T. <i>Crystal Growth and Design</i> , 2017, 17, 1293-1298.	3.0	75
40	Assembly of Zr-MOF crystals onto magnetic beads as a highly adsorbent for recycling nitrophenol. <i>Chemical Engineering Journal</i> , 2017, 323, 74-83.	12.7	77
41	Two New Luminescent Cd(II)-Metal-Organic Frameworks as Bifunctional Chemosensors for Detection of Cations $Fe^{3+}$ , Anions $CrO_4^{2-}$ , and $Cr_2O_7^{2-}$ in Aqueous Solution. <i>Crystal Growth and Design</i> , 2017, 17, 67-72.	3.0	295
42	Structures and applications of metal-organic frameworks featuring metal clusters. <i>CrystEngComm</i> , 2017, 19, 745-757.	2.6	22
43	Five New Transition Metal Coordination Polymers Based on V-Shaped Bis-triazole Ligand with Aromatic Dicarboxylates: Syntheses, Structures, and Properties. <i>Crystal Growth and Design</i> , 2017, 17, 2757-2766.	3.0	29
44	Construction of a novel Cd(II) coordination polymer based on a flexible tripodal carboxylic acid and bimid coligands. <i>Inorganic Chemistry Communication</i> , 2017, 79, 17-20.	3.9	5
45	A second-order nonlinear optical material with a 5-fold interpenetrating diamondoid framework based on two achiral precursors: spontaneous resolution to absolute chiral induction. <i>Dalton Transactions</i> , 2017, 46, 4589-4594.	3.3	24
46	Two new Zn(II)/Cu(II) complexes based on bi- and tritopic 1,2,4-triazole derivatives with glutaric acid: Syntheses, structures, luminescent and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2017, 79, 21-24.	3.9	13
47	Two Lanthanide Metal-Organic Frameworks as Remarkably Selective and Sensitive Bifunctional Luminescence Sensor for Metal Ions and Small Organic Molecules. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 1629-1634.	8.0	354
48	A pair of 3D enantiotopic zinc(ii) complexes based on two asymmetric achiral ligands. <i>Dalton Transactions</i> , 2017, 46, 14779-14784.	3.3	12
49	One 2D anionic coordination polymer with $\{[Co(H_2O)_6]\}^{2+}$ cationic guest for fast and selective adsorption of cationic dyes. <i>Inorganic Chemistry Communication</i> , 2017, 85, 89-91.	3.9	2
50	The impact of adjusting auxiliary donors on the performance of dye-sensitized solar cells based on phenothiazine D-D- $\pi$ -A sensitizers. <i>Dyes and Pigments</i> , 2017, 146, 127-135.	3.7	26
51	Two stable 3D porous metal-organic frameworks with high selectivity for detection of PA and metal ions. <i>Dyes and Pigments</i> , 2017, 136, 515-521.	3.7	59
52	Syntheses, Structures, and Properties of Four Metal-Organic Frameworks Based on a N-Centered Multidentate Pyridine-Carboxylate Bifunctional Ligand. <i>Crystal Growth and Design</i> , 2016, 16, 4711-4719.	3.0	15
53	Effects of structural optimization on the performance of dye-sensitized solar cells: spirobifluorene as a promising building block to enhance $V_{oc}$ . <i>Journal of Materials Chemistry A</i> , 2016, 4, 11782-11788.	10.3	35
54	Dicarboxylate-dependent structural diversity in amino-functionalized complexes: From mononuclear to multinuclear coordination polymer. <i>Inorganic Chemistry Communication</i> , 2016, 69, 4-6.	3.9	8

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55	Syntheses, Characterization, and Luminescence Properties of Four Metal-Organic Frameworks Based on a Linear-Shaped Rigid Pyridine Ligand. <i>Crystal Growth and Design</i> , 2016, 16, 2496-2503.	3.0	54
56	Zn(II)/Cd(II) Terephthalate Coordination Polymers Incorporating Bi-, Tri-, and Tetratopic Phenylamine Derivatives: Crystal Structures and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2016, 16, 2747-2755.	3.0	50
57	Cyclopentaneteracarboxylic Metal-Organic Frameworks: Tuning the Distance between Layers and Pore Structures with N-Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 4951-4957.	4.0	16
58	Insight into the effects of modifying $\pi$ -bridges on the performance of dye-sensitized solar cells containing triphenylamine dyes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29555-29560.	2.8	16
59	Diverse structures of metal-organic frameworks via a side chain adjustment: interpenetration and gas adsorption. <i>Dalton Transactions</i> , 2016, 45, 16205-16210.	3.3	9
60	Three Highly Stable Cobalt MOFs Based on $\alpha$ -Shaped Carboxylic Acid: Synthesis and Absorption of Anionic Dyes. <i>Inorganic Chemistry</i> , 2016, 55, 8816-8821.	4.0	70
61	A new five-coordinated copper compound for efficient degradation of methyl orange and Congo red in the absence of UV-visible radiation. <i>Dalton Transactions</i> , 2016, 45, 18566-18571.	3.3	40
62	H-Bonding Interactions Induced Two Isostructural Cd(II) Metal-Organic Frameworks Showing Different Selective Detection of Nitroaromatic Explosives. <i>Inorganic Chemistry</i> , 2016, 55, 10999-11005.	4.0	109
63	Enhanced performance of dye-sensitized solar cells with Y-shaped organic dyes containing di-anchoring groups. <i>New Journal of Chemistry</i> , 2016, 40, 2799-2805.	2.8	24
64	Two new luminescent Cd(II)/Zn(II) metal-organic frameworks for exceptionally selective detection of picric acid explosives. <i>Inorganic Chemistry Communication</i> , 2016, 66, 51-54.	3.9	11
65	Four coordination polymers derived from a one-pot reaction and their controlled synthesis. <i>Dalton Transactions</i> , 2016, 45, 6418-6423.	3.3	6
66	Effects of heterocycles containing different atoms as $\pi$ -bridges on the performance of dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 16334-16340.	2.8	28
67	Picolinic acid as an efficient tridentate anchoring group adsorbing at Lewis acid sites and Brønsted acid sites of the TiO <sub>2</sub> surface in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14809-14816.	10.3	30
68	A rare three-coordinated zinc cluster-organic framework with two types of secondary building units. <i>Chemical Communications</i> , 2015, 51, 2899-2902.	4.1	22
69	Syntheses, Characterizations, Luminescent Properties, and Controlling Interpenetration of Five Metal-Organic Frameworks Based on Bis(4-(pyridine-4-yl)phenyl)amine. <i>Crystal Growth and Design</i> , 2015, 15, 1303-1310.	3.0	31
70	Assembly of various degrees of interpenetration of Co-MOFs based on mononuclear or dinuclear cluster units: magnetic properties and gas adsorption. <i>Dalton Transactions</i> , 2015, 44, 4751-4758.	3.3	28
71	Diverse structures of metal-organic frameworks based on different metal ions: luminescence and gas adsorption properties. <i>Dalton Transactions</i> , 2015, 44, 4238-4245.	3.3	22
72	Syntheses, characterization, and magnetic properties of novel divalent Co/Ni coordination polymers based on a V-shaped pyridine ligand and dicarboxylate acids. <i>RSC Advances</i> , 2015, 5, 64514-64519.	3.6	9

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73	Porous and single crystalline Co <sub>3</sub> O <sub>4</sub> nanospheres for pseudocapacitors with enhanced performance. RSC Advances, 2015, 5, 27266-27272.	3.6	7
74	Three different metal-organic frameworks derived from a one-pot crystallization and their controllable synthesis. Chemical Communications, 2015, 51, 8338-8341.	4.1	18
75	Two luminescent Zn( <sup>II</sup> ) metal-organic frameworks for exceptionally selective detection of picric acid explosives. Chemical Communications, 2015, 51, 8300-8303.	4.1	227
76	Syntheses, structures, and properties of six cobalt( <sup>II</sup> ) complexes based on a tripodal tris(4-(1H-1,2,4-triazol-1-yl)phenyl)amine ligand. Dalton Transactions, 2015, 44, 16854-16864.	3.3	21
77	One non-interpenetrated chiral porous multifunctional metal-organic framework and its applications for sensing small solvent molecules and adsorption. Chemical Communications, 2015, 51, 2447-2449.	4.1	58
78	Improvement of dye-sensitized solar cells performance through introducing different heterocyclic groups to triarylamine dyes. RSC Advances, 2015, 5, 3720-3727.	3.6	12
79	Critical factors influencing the structures and properties of metal-organic frameworks. CrystEngComm, 2015, 17, 981-991.	2.6	34
80	Molecular Tectonics of Four-Connected Network Topologies by Regulating the Ratios of Tetrahedral and Square-Planar Building Units. Crystal Growth and Design, 2014, 14, 6607-6612.	3.0	13
81	Four new metal-organic frameworks based on a rigid linear ligand: synthesis, optical properties and structural investigation. CrystEngComm, 2014, 16, 5662-5671.	2.6	17
82	Improvement of photovoltaic performance of DSSCs by modifying panchromatic zinc porphyrin dyes with heterocyclic units. Journal of Materials Chemistry A, 2014, 2, 20841-20848.	10.3	12
83	Syntheses, structures, and photoluminescent properties of a series of metal-organic frameworks constructed by 5,5'-bis(1H-imidazol-1-yl)-2,2'-bithiophene and various carboxylate ligands. CrystEngComm, 2014, 16, 900-909.	2.6	21
84	Two pairs of isomorphism and two 3D metal-organic frameworks based on a star-like ligand tri(4-pyridylphenyl)amine. CrystEngComm, 2014, 16, 698-706.	2.6	25
85	Syntheses, characterization, and properties of five coordination compounds based on the ligand tetrakis(4-pyridyloxymethylene)methane. CrystEngComm, 2014, 16, 3917-3925.	2.6	15
86	Interpenetrated Metal-Organic Framework with Selective Gas Adsorption and Luminescent Properties. Crystal Growth and Design, 2014, 14, 2742-2746.	3.0	36
87	Crystal Structures and Spectroscopic Properties of Metal-Organic Frameworks Based on Rigid Ligands with Flexible Functional Groups. Crystal Growth and Design, 2014, 14, 491-499.	3.0	58
88	Promising alkoxy-wrapped porphyrins with novel push-pull moieties for dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 14883-14889.	10.3	17
89	One rutile Co(II) coordinated polymer with bifunctional ligand. Inorganic Chemistry Communication, 2014, 46, 191-193.	3.9	2
90	Application of W-Cu-S-based secondary building units in functional metal-organic frameworks. CrystEngComm, 2013, 15, 9265.	2.6	12

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91	Syntheses, characterizations and properties of five new metal-organic complexes based on flexible ligand 4,4'-bis(phenylazanediyl)dibenzoic acid. CrystEngComm, 2013, 15, 616-627.	2.6	23
92	A second-order nonlinear optical material with a hydrated homochiral helix obtained via spontaneous symmetric breaking crystallization from an achiral ligand. Chemical Communications, 2013, 49, 3585.	4.1	50
93	The synthesis, structure and third-order nonlinear optical effect of a new 2D cluster polymer based on a [WS <sub>4</sub> Cu <sub>4</sub> ] <sup>2+</sup> SBU and 1,2-di(pyridin-4-yl)ethane. CrystEngComm, 2013, 15, 7354.	2.6	14
94	Chiral 3D/3D hetero-interpenetrating framework with six kinds of helices, 3D polyrotaxane and 2D network via one-pot reaction. CrystEngComm, 2013, 15, 227-230.	2.6	31
95	Syntheses, Structures, Photochemical and Magnetic Properties of Novel Divalent Cd/Mn Coordination Polymers Based on a Semirigid Tripodal Carboxylate Ligand. Crystal Growth and Design, 2013, 13, 1694-1702.	3.0	26
96	Tuning Structural Topologies of a Series of Metal-Organic Frameworks: Different Bent Dicarboxylates. Crystal Growth and Design, 2013, 13, 2111-2117.	3.0	28
97	Series of Metal-Organic Frameworks Including Novel Architectural Features Based on a Star-like Tri(4-pyridylphenyl)amine Ligand. Crystal Growth and Design, 2013, 13, 1961-1969.	3.0	71
98	Anion-selectivity of cationic cluster-organic nanospheres based on a nest-shaped [MS <sub>4</sub> Cu <sub>3</sub> X <sub>3</sub> ] cluster monomer with a ditopic ligand. CrystEngComm, 2013, 15, 5016.	2.6	14
99	A porous metal-organic framework based on Zn <sub>6</sub> O <sub>2</sub> clusters: chemical stability, gas adsorption properties and solvatochromic behavior. Chemical Communications, 2013, 49, 555-557.	4.1	112
100	Three 2D/2D + 2D or 3D Coordination Polymers: Parallel Stacked, Interpenetration, and Polycatenated. Crystal Growth and Design, 2013, 13, 5045-5049.	3.0	30
101	Metal-organic frameworks constructed from flexible V-shaped ligands: adjustment of the topology, interpenetration and porosity via a solvent system. Chemical Communications, 2012, 48, 10016.	4.1	96
102	A microporous metal-organic framework with FeS <sub>2</sub> topology based on [Zn <sub>6</sub> (μ <sub>4</sub> -O)] cluster for reversible sensing of small molecules. Chemical Communications, 2012, 48, 7967.	4.1	85
103	Metal-Organic Frameworks Based on Flexible V-Shaped Polycarboxylate Acids: Hydrogen Bondings, Non-Interpenetrated and Polycatenated. Crystal Growth and Design, 2012, 12, 4072-4082.	3.0	67
104	Controlled Synthesis of Three-Fold Dendrites of Ce(OH)CO <sub>3</sub> with Multilayer Caltrop and Their Thermal Conversion to CeO <sub>2</sub> . Crystal Growth and Design, 2012, 12, 271-280.	3.0	31
105	Construction of Metal-Organic Frameworks Based on Two Neutral Tetradentate Ligands. Crystal Growth and Design, 2012, 12, 4911-4918.	3.0	24
106	Structure-property relationship of homochiral and achiral supramolecular isomers obtained by one-pot synthesis. Chemical Communications, 2012, 48, 10757.	4.1	42
107	Structural Diversity and Properties of Six 2D or 3D Metal-Organic Frameworks Based on Thiophene-Containing Ligand. Crystal Growth and Design, 2012, 12, 5783-5791.	3.0	23
108	Construction of a series of metal-organic frameworks with a neutral tetradentate ligand and rigid carboxylate co-ligands. CrystEngComm, 2012, 14, 8274.	2.6	12

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109	Diverse Structures of Metal-Organic Frameworks Based on a New Star-Like Tri(4-pyridylphenyl)amine Ligand. <i>Crystal Growth and Design</i> , 2012, 12, 3957-3963.	3.0	54
110	Three self-penetrated, interlocked, and polycatenated supramolecular isomers via one-pot synthesis and crystallization. <i>Chemical Communications</i> , 2012, 48, 681-683.	4.1	78
111	Effect of Carboxylate Coligands with Different Rigidity on Supramolecular Architectures Based on One Rigid Didentate Linear Ligand. <i>Crystal Growth and Design</i> , 2012, 12, 403-413.	3.0	82
112	Five Novel Coordination Polymers Based on a C-Centered Triangular Flexible Ligand. <i>Crystal Growth and Design</i> , 2012, 12, 1022-1031.	3.0	38
113	Synthesis and properties of five unexpected copper complexes with ring-cleavage of 3,6-di-2-pyridyl-1,2,4,5-tetrazine by one pot in situ hydrothermal reaction. <i>CrystEngComm</i> , 2012, 14, 2258.	2.6	24
114	Syntheses, Structures, and Characteristics of Four New Metal-Organic Frameworks Based on Flexible Tetrapyridines and Aromatic Polycarboxylate Acids. <i>Crystal Growth and Design</i> , 2012, 12, 3426-3435.	3.0	74
115	Metal-Organic Frameworks Constructed from Versatile $[WS_4Cu]^{2+}$ Units: Micropores in Highly Interpenetrated Systems. <i>Chemistry - A European Journal</i> , 2012, 18, 2812-2824.	3.3	57
116	Syntheses, structures, magnetic and photoluminescence properties of metal-organic frameworks based on aromatic polycarboxylate acids. <i>CrystEngComm</i> , 2011, 13, 1617-1624.	2.6	35
117	Solvothermal synthesis, structures and physical properties of four new complexes constructed from multi-variant tricarboxylate ligand and pyridyl-based ligands. <i>CrystEngComm</i> , 2011, 13, 459-466.	2.6	47
118	$[WS_4Cu_3I_2]^{2-}$ and $[WS_4Cu_4]^{2+}$ secondary building units formed a metal-organic framework: Large tubes in a highly interpenetrated system. <i>Chemical Communications</i> , 2011, 47, 2919.	4.1	73
119	Three New Coordination Polymers Based on One Reduced Symmetry Tripodal Linker. <i>Crystal Growth and Design</i> , 2011, 11, 3115-3121.	3.0	67
120	Solvatochromic Behavior of a Nanotubular Metal-Organic Framework for Sensing Small Molecules. <i>Journal of the American Chemical Society</i> , 2011, 133, 4172-4174.	13.7	649
121	The rational synthesis of (10,3)-type MOFs based on tetranuclear $[W(Mo)OS_3Cu_3]^+$ secondary building units. <i>Chemical Communications</i> , 2011, 47, 10049.	4.1	67
122	Syntheses, structures, photoluminescence and magnetic properties of four new metal-organic frameworks based on imidazoleligands and aromatic polycarboxylate acids. <i>CrystEngComm</i> , 2011, 13, 857-865.	2.6	48
123	Six New Metal-Organic Frameworks Based on Polycarboxylate Acids and V-shaped Imidazole-Based Synthon: Syntheses, Crystal Structures, and Properties. <i>Inorganic Chemistry</i> , 2011, 50, 2404-2414.	4.0	89
124	Syntheses, Structures, and Photoluminescence of Five New Metal-Organic Frameworks Based on Flexible Tetrapyridines and Aromatic Polycarboxylate Acids. <i>Crystal Growth and Design</i> , 2010, 10, 2676-2684.	3.0	102
125	Syntheses, Characterizations, and Properties of Six Metal-Organic Complexes Based on Flexible Ligand 5-(4-Pyridyl)-methoxyl Isophthalic Acid. <i>Crystal Growth and Design</i> , 2010, 10, 4176-4183.	3.0	84
126	Syntheses, structures, photoluminescence and magnetic properties of five compounds with 1,3,5-benzenetricarboxylate acid and imidazole ligands. <i>CrystEngComm</i> , 2010, 12, 612-619.	2.6	60

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127	Organic-inorganic hybrid coordination polymers based on the 5-oxyacetate isophthalic acid (H3OABDC) ligand: syntheses, structures, magnetic and luminescent properties. <i>CrystEngComm</i> , 2010, 12, 4424.	2.6	19
128	Eight new complexes based on flexible multicarboxylate ligands: synthesis, structures and properties. <i>CrystEngComm</i> , 2010, 12, 3183.	2.6	10
129	Three New Heterothiometallic Cluster Polymers with Fascinating Topologies. <i>Inorganic Chemistry</i> , 2009, 48, 5772-5778.	4.0	70
130	Unusual three-dimensional coordination networks with $[W_4Cu_6]$ cluster nodes and $1\pm-C_3N_4$ topology. <i>CrystEngComm</i> , 2009, 11, 605-609.	2.6	19
131	Quinoxalines Incorporating Triarylaminines: Dipolar Electroluminescent Materials with Tunable Emission Characteristics. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 233-242.	1.4	4
132	Structures and stabilities of the donor-acceptor complexes HXPY (X=Al, B; Y=H, F, OH). <i>Molecular Physics</i> , 2006, 104, 447-452.	1.7	3
133	Reactions of singlet phosphinidene and its hydroxy derivative with polar molecule hydrogen fluoride. <i>Molecular Physics</i> , 2006, 104, 599-605.	1.7	6
134	Studies on the Thermodynamic and Kinetic Properties of Reactions of Bo(Bs) with $H_2$ . <i>Progress in Reaction Kinetics and Mechanism</i> , 2006, 31, 1-9.	2.1	3
135	Theoretical study of the insertion reaction of singlet phosphinidene with hydrogen sulfide. <i>Journal of Chemical Research</i> , 2006, 2006, 303-305.	1.3	3
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