

Min-Le Han

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Two comparable Ba-MOFs with similar linkers for enhanced CO ₂ capture and separation by introducing N-rich groups. <i>Rare Metals</i> , 2021, 40, 499-504.	7.1	52
2	Three new entangled Zn(II)/Cd(II)-MOFs based on a triangular tri(4-imidazolylphenyl)amine and different carboxylic acid: Crystal structures, and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2020, 112, 107702.	3.9	2
3	The highly selective detecting of antibiotics and support of noble metal catalysts by a multifunctional Eu-MOF. <i>Dalton Transactions</i> , 2020, 49, 14854-14862.	3.3	60
4	Aqueous-phase detection of antibiotics and nitroaromatic explosives by an alkali-resistant Zn-MOF directed by an ionic liquid. <i>RSC Advances</i> , 2020, 10, 1439-1446.	3.6	77
5	Crystal structure of poly[diaqua-(1/4) ₂ -4,4'-bipyridine-1 ²] Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 592 C ₁₈ H ₁₂ F ₄ Ni ₂ O ₆ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020, 235, 563-564.	0.3	1
6	Crystal structure of catena-poly[diaqua-(1/4) ₂ -4,4'-bipyridine-1 ²] Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 592 C ₂₆ H ₁₄ Br ₈ Ni ₂ O ₁₀ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020, 235, 539-540.	0.3	1
7	Crystal structure of poly[diaqua-(1/4) ₃ -3,4,5,6-tetrafluoro-phthalato-1 ³ :O:O'-1,2-bis(4-pyridyl)ether] Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 592 <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020, 235, 593-594.	0.3	0
8	A Water-Stable Terbium(III)-Organic Framework as a Chemosensor for Inorganic Ions, Nitro-Containing Compounds and Antibiotics in Aqueous Solutions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3694-3701.	3.3	163
9	Crystal structure of catena-poly[diaqua-bis(3-carboxy-5-methoxybenzoato-1 ²)-(1,2-bis(imidazol-1-yl)ethane-1 ²)] Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 592 [Co(C ₉ H ₆ O ₅) ₂ (H ₂ O) ₂ (C ₈ H ₁₀ N ₂) ₂]. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 617-618.	0.3	4
10	Tetraphenylethylene-Decorated Metal-Organic Frameworks as Energy-Transfer Platform for the Detection of Nitro-Antibiotics and White-Light Emission. <i>Inorganic Chemistry</i> , 2019, 58, 12700-12706.	4.0	152
11	Crystal structure of diaqua-bis(3-carboxy-5-bromoisophthalato-1 ² :O)-bis(1-(3-(1-H-benzo[d]imidazol-1-yl)propyl)-1-H-benzo[d]imidazol-5-yl)-bis(3-carboxy-5-bromoisophthalate), C ₆₆ H ₅₄ Br ₄ N ₈ NiO ₁₈ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 655-657.	0.3	2
12	Crystal structure of poly[aqua-(1/4) ₂ -5-methoxyisophthalato-1 ²] Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312 Td (1) C ₃₄ H ₃₆ Co ₂ N ₈ O ₁₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 659-661.	0.3	0
13	Crystal structure of catena-poly[diaqua-bis(3,4,5,6-tetrabromo-carboxybenzoato-1 ²)] Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 312 Td (1) C ₂₆ H ₁₄ Br ₈ CoN ₂ O ₁₀ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 235, 113-115.	0.3	1
14	Engineering design toward exploring the functional group substitution in 1D channels of Zn-organic frameworks upon nitro explosives and antibiotics detection. <i>Dalton Transactions</i> , 2018, 47, 5359-5365.	3.3	126
15	Crystal structure of catena-(1/4) ₃ -5-bromoisophthalato-1 ² :O:O'-1,2-bis(4-pyridyl)ether] Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 192 C ₁₆ H ₁₃ CoN ₄ O ₄ Br. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 79-81.	0.3	1
16	Spatial confinement of a cationic MOF: a SC-SC approach for high capacity Cr(vi)-oxyanion capture in aqueous solution. <i>Chemical Communications</i> , 2018, 54, 11645-11648.	4.1	169
17	Porous Zn(II)-Based Metal-Organic Frameworks Decorated with Carboxylate Groups Exhibiting High Gas Adsorption and Separation of Organic Dyes. <i>Crystal Growth and Design</i> , 2018, 18, 7114-7121.	3.0	248
18	Stable dye-encapsulated indium-organic framework as dual-emitting sensor for the detection of Hg ²⁺ /Cr ₂ O ₇ ²⁻ and a wide range of nitro-compounds. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6440-6448.	5.5	126

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19	Significant centre metallic effects on the sensing properties of two isostructural lanthanide metal-organic frameworks. <i>Inorganic Chemistry Communication</i> , 2017, 79, 12-16.	3.9	10
20	Tetraphenylethylene Immobilized Metal-Organic Frameworks: Highly Sensitive Fluorescent Sensor for the Detection of Cr ²⁺ and Nitroaromatic Explosives. <i>Crystal Growth and Design</i> , 2017, 17, 6041-6048.	3.0	239
21	pH-Stable Eu- and Tb-organic-frameworks mediated by an ionic liquid for the aqueous-phase detection of 2,4,6-trinitrophenol (TNP). <i>Dalton Transactions</i> , 2017, 46, 15434-15442.	3.3	111

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37	A series of divalent metal coordination polymers based on isomeric tetracarboxylic acids: synthesis, structures and magnetic properties. Dalton Transactions, 2014, 43, 17519-17527.	3.3	67
38	Five Cd(II) coordination polymers based on 2,3,5,5'-biphenyltetracarboxylic acid and N-donor ligands: syntheses, structures and fluorescent properties. CrystEngComm, 2014, 16, 6417-6424.	2.6	62
39	Positional isomeric tunable two Co(II) 6-connected 3-D frameworks with pentanuclear to binuclear units: structures, ion-exchange and magnetic properties. Dalton Transactions, 2014, 43, 15450-15456.	3.3	44
40	Temperature and pH driven self-assembly of Zn(II) coordination polymers: crystal structures, supramolecular isomerism, and photoluminescence. CrystEngComm, 2014, 16, 1687.	2.6	104
41	Exploring the structural diversities and magnetic properties of copper(II) and manganese(II) complexes based on 5-methoxyisophthalate and flexible bis(imidazole) ligands. CrystEngComm, 2014, 16, 870-882.	2.6	75
42	A co-ligand firstly introduced to 9-fluorenone-2,7-dicarboxylate-based MOF: synthesis, structure and photoluminescent property. Inorganic Chemistry Communication, 2014, 46, 259-262.	3.9	11
43	pH-Controlled topologies of two Co(II) complexes based on 5-Nitro-1,2,3-benzenetricarboxylic acid and 1,6-Bis(1,2,4-triazole-5-yl)hexane. Crystal Research and Technology, 2014, 49, 276-282.	1.3	20
44	Synthesis, structure and magnetic properties of a 3D anionic framework based on butterfly Ni ₄ clusters. Inorganic Chemistry Communication, 2013, 38, 50-53.	3.9	9
45	Two New Co(II) Complexes Based on Dicarboxylate Linker and N-Donors Ligands: Syntheses and Crystal Structures. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2013, 43, 892-896.	0.6	0
46	A New Zinc(II) Coordination Polymer Based on 5-Methylisophthalic Acid and 4,4'-Dipyridylsulfide: Synthesis, Structure, and Photoluminescent Properties. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2013, 43, 479-482.	0.6	0
47	Self-assembly of a cadmium(II) diamondoid net with 2-fold interpenetrating microporous structure. Crystal Research and Technology, 2013, 48, 328-333.	1.3	1
48	A Distorted Topological Heterometallic Metal-Organic Framework with Right- and Left Chiral Covalent Layers. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2307-2311.	1.2	5
49	Crystal structure of catena-bis(μ ³ -5-methoxyisophthalato)-bis(μ ² -1,6-bis(imidazol-1-yl)-hexane)nickel(II), [Ni ₂ (CH ₃ OC ₈ H ₃ O ₄) ₂ (C ₁₂ H ₁₈ N ₄) ₂], C ₄₂ H ₄₈ N ₈ Ni ₂ O ₁₀ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 434-436.	0.3	0
50	Synthesis, Crystal Structure, and Magnetic Properties of a New Cobalt(II) Polymer Based on 4-Bromoisophthalic acid and 1,2-bis(4-pyridyl)ethane. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 976-980.	0.6	0
51	Two New Metal-Organic Frameworks Based on 5-Bromoisophthalic Acid and 1,3-bis(4-pyridyl)propane: Hydrothermal Syntheses, Structures, and Magnetic Properties. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 590-595.	0.6	1
52	Crystal structure of catena-(1/4-2,4,4'-bipyridine)silver(I)hydrogen-bis-(5-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (nitro-1,2-carboxylate)nickel(II) C ₂₈ H ₂₅ AgN ₄ O ₂₀ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, 571-573.	0.3	0
53	Construction of Cd(II) coordination polymers based on R-isophthalate (R = -CH ₃ or -OCH ₃) and flexible N-donor co-ligands: Syntheses, structures and photoluminescence. CrystEngComm, 2012, 14, 2691.	2.6	86
54	Mn(II) Coordination Polymers Based on Bi-, Tri-, and Tetranuclear and Polymeric Chain Building Units: Crystal Structures and Magnetic Properties. Inorganic Chemistry, 2012, 51, 9431-9442.	4.0	182

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55	Two novel 3-D coordination polymers with 5-methoxyisophthalate and flexible N-donor co-ligands showing pentanuclear or alternate mono/binuclear Cu(μ_2) units. Dalton Transactions, 2012, 41, 2078-2083.	3.3	60
56	Crystal structure of diaqua-bis(5-nitrobenzene-3-carboxy-1,2-dicarboxylato)-bis(1-(3-(1H-benzimidazol-1-yl)propyl)-benzimidazole)manganese(II), [Mn(H ₂ O) ₂ (O ₂ NC ₉ H ₃ O ₆) ₂ (C ₁₇ H ₁₇ N ₄) ₂], C ₅₂ H ₄₄ MnN ₁₀ O ₁₈ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, 574-576.	0.3	2
57	Syntheses, structures and properties of two manganese(II) metal-organic frameworks based on bromoisophthalate and bipyridyl-type co-ligands. Inorganic Chemistry Communication, 2012, 20, 340-345.	3.9	24
58	Hydrothermal synthesis, crystal structures, and properties of two Co(II) complexes based on 4-bromoisophthalic acid and N-donor ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2012, 38, 471-477.	1.0	1
59	Crystal structure of catena-[[1/4-5-methylisophthalato][1/4-1,6-bis(imidazol-1-yl)-hexane]manganese(II)}, Mn(C ₉ H ₆ O ₄)(C ₁₂ H ₁₈ N ₄). Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, .	0.3	0
60	Crystal structure of catena-[[1/4-5-methylisophthalato][1/4-1,6-bis(imidazol-1-yl)-hexane]cobalt(II)}, Co(C ₉ H ₆ O ₄)(C ₁₂ H ₁₈ N ₄). Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, .	0.3	1
61	Crystal structure of diaquabis(hydrogen 2-ethyl-4,5-imidazoledicarboxylato-N,O)cobalt(II), Co(H ₂ O) ₂ (C ₇ H ₆ N ₂ O ₄) ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, .	0.3	0
62	A unique 3-D chiral Zn(II) coordination framework with 1,2,3-benzenetricarboxyl and 4,4'-bipyridyl tectons showing 4-connected self-penetrating network and helical character. Inorganic Chemistry Communication, 2011, 14, 1584-1587.	3.9	11
63	Crystal structure of catena-[[1/4-4-5-bromoisophthalato]-[1/4-1,6-bis(imidazol-1-yl)hexane]cobalt(II)}, Co(C ₈ H ₃ O ₄ Br)(C ₁₂ H ₁₈ N ₄). Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, .	0.3	2
64	A Zinc Complex Based on 4-Bromoisophthalic Acid and 1,2-Bi(4-pyridyl)ethane: Hydrothermal Synthesis, Crystal Structure, and Fluorescent Properties. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 1268-1273.	0.6	3
65	Transformation of a zinc inclusion complex to wurtzite ZnS microflowers under solvothermal conditions. Crystal Research and Technology, 2010, 45, 973-976.	1.3	3
66	Zinc Coordination Complex for use in Uniform ZnS Microflowers Synthesis. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1913-1916.	1.2	0
67	Crystal structure of cis-diaquabis(1,10-phenanthroline)zinc(II) bis(3-amino-4-chlorobenzensulphonate) dihydrate, [Zn(H ₂ O) ₂ (C ₁₂ H ₈ N ₂) ₂](H ₂ N ₂ C ₆ H ₃ ClSO ₃) ₂ · 2H ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 410-412.	0.3	1
68	A Novel Two-Dimensional Cadmium Polymeric Aminonaphthalene Sulfonate and its Application in the Synthesis of CdS Materials. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 373-376.	1.2	4
69	Synthesis and crystal structure of two zinc inclusion complexes. Crystal Research and Technology, 2008, 43, 882-887.	1.3	0
70	Crystal structure of diaqua-[[1/4-4,4'-bipyridine]-bis(N-salicylideneaspartato)-dicopper(II)], Cu ₂ (H ₂ O) ₂ (C ₁₁ H ₉ NO ₅) ₂ (C ₁₀ H ₈ N ₂). Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 129-130.	0.3	0
71	Crystal structure of triaquapotassium 3-carboxy-4-hydroxybenzenesulfonate, K(H ₂ O) ₃ (C ₇ H ₅ SO ₆). Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 131-132.	0.3	0
72	Bis(4-aminobenzenesulfonato- η^1 N)diaquabis(dimethylformamide- η^1 O)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1354-m1355.	0.2	0

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73	Tetraaquabis(1,3-di-4-pyridylpropane- \hat{p} N)cobalt(II) bis(4-aminonaphthalene-1-sulfonate). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2353-m2353.	0.2	0
74	Crystal structure of tetrakis(melaminium) 1,2,4,5-benzenetetracarboxylate octahydrate, (C ₃ H ₇ N ₆) ₄ [C ₆ H ₂ (COO) ₄] \hat{A} 8H ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 313-315.	0.3	0
75	catena-Poly[[cis-diaqua(1,10-phenanthroline- \hat{p} 2N,N \hat{a} € ²)nickel(II)]- \hat{p} 1/4-5-sulfonatosalicylato- \hat{p} 2O:O \hat{a} € ²]. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m3047-m3048.	0.2	1
76	Crystal structure of melaminium dipicrylamine hydrate, [C ₃ N ₃ H(NH ₂) ₃][N{C ₆ H ₂ (NO ₂) ₃ } ₂] \hat{A} H ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 499-500.	0.3	0