

Min-Le Han

List of Publications by Year in descending order

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76
papers

2,856
citations

257450

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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
2	Tetraphenylethylene Immobilized Metal-Organic Frameworks: Highly Sensitive Fluorescent Sensor for the Detection of Cr ₂ O ₇ ²⁻ and Nitroaromatic Explosives. <i>Crystal Growth and Design</i> , 2017, 17, 6041-6048.	3.0	239
3	A multi-responsive luminescent sensor based on a super-stable sandwich-type terbium(III)-organic framework. <i>Dalton Transactions</i> , 2016, 45, 15492-15499.	3.3	201
4	Mn ^{II} Coordination Polymers Based on Bi-, Tri-, and Tetranuclear and Polymeric Chain Building Units: Crystal Structures and Magnetic Properties. <i>Inorganic Chemistry</i> , 2012, 51, 9431-9442.	4.0	182
5	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
6	A heterometallic sodium-europium-cluster-based metal-organic framework as a versatile and water-stable chemosensor for antibiotics and explosives. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8469-8474.	5.5	168
7	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
8	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
9	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
10	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
11	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
12	Temperature and pH driven self-assembly of Zn(ii) coordination polymers: crystal structures, supramolecular isomerism, and photoluminescence. <i>CrystEngComm</i> , 2014, 16, 1687.	2.6	104
13	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. <i>CrystEngComm</i> , 2012, 14, 2691.	2.6	86
14	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
15	Exploring the structural diversities and magnetic properties of copper(II) and manganese(II) complexes based on 5-methoxyisophthalate and flexible bis(imidazole) ligands. <i>CrystEngComm</i> , 2014, 16, 870-882.	2.6	75
16	A series of divalent metal coordination polymers based on isomeric tetracarboxylic acids: synthesis, structures and magnetic properties. <i>Dalton Transactions</i> , 2014, 43, 17519-17527.	3.3	67
17	Five Cd(II) coordination polymers based on 2,3,5,5'-biphenyltetracarboxylic acid and N-donor coligands: syntheses, structures and fluorescent properties. <i>CrystEngComm</i> , 2014, 16, 6417-6424.	2.6	62
18	Two novel 3-D coordination polymers with 5-methoxyisophthalate and flexible N-donor co-ligands showing pentanuclear or alternate mono/binuclear Cu(II) units. <i>Dalton Transactions</i> , 2012, 41, 2078-2083.	3.3	60

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19	The highly selective detecting of antibiotics and support of noble metal catalysts by a multifunctional Eu-MOF. Dalton Transactions, 2020, 49, 14854-14862.	3.3	60
20	Two comparable Ba-MOFs with similar linkers for enhanced CO ₂ capture and separation by introducing N-rich groups. Rare Metals, 2021, 40, 499-504.	7.1	52
21	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
22	Guest-induced single-crystal-to-single-crystal transformations of a new 4-connected 3D cadmium(II) metal-organic framework. RSC Advances, 2015, 5, 17588-17591.	3.6	42
23	Biphenyl-2,4,6,3,5-pentacarboxylic acid as a tecton for six new Co(II) coordination polymers: pH and N-donor ligand-dependent assemblies, structure diversities and magnetic properties. Dalton Transactions, 2015, 44, 14673-14685.	3.3	32
24	A Terbium(III)-Organic Framework Material for Highly Sensitive Sensing of Fe ³⁺ in Aqueous and Biological Systems: Experimental Studies and Theoretical Analysis. ChemistrySelect, 2016, 1, 3555-3561.	1.5	31
25	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
26	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-1-yl)hexane. Crystal Research and Technology, 2014, 49, 276-282.	1.3	20
27	A 3D Ni(II)-MOF with fcl topology based on 2-(1-imidazole)-1-hydroxyl-1,1-ethylenediphosphonic acid and N,N-donor co-ligand: Synthesis, structure and magnetic property. Inorganic Chemistry Communication, 2015, 58, 60-63.	3.9	13
28	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
29	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
30	Integration of a semi-rigid proline ligand and 4,4-bipyridine in the synthesis of homochiral metal-organic frameworks with helices. Dalton Transactions, 2015, 44, 11052-11056.	3.3	11
31	Significant centre metallic effects on the sensing properties of two isostructural lanthanide metal-organic frameworks. Inorganic Chemistry Communication, 2017, 79, 12-16.	3.9	10
32	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
33	Bis(pyridyl)-based ligands driven Ni(II) entangled metal-organic frameworks: From a new 1-D+2-D*3-D polythreading motifs to a rare 3-fold interpenetrating this network. Inorganic Chemistry Communication, 2015, 52, 1-4.	3.9	9
34	N-donor co-ligands driven two new Co(II)- coordination polymers with bi- and trinuclear units: Crystal structures, and magnetic properties. Journal of Solid State Chemistry, 2016, 242, 207-211.	2.9	8
35	A Distorted <i>pcu</i> 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
36	Two new Co(II)-MOFs based on polymeric chain building units: Crystal structures, and magnetic properties. Journal of Solid State Chemistry, 2015, 230, 218-223.	2.9	5

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37	A Novel Two-Dimensional Cadmium Polymeric Aminonaphthalene Sulfonate and its Application in the Synthesis of CdS Materials. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 373-376.	1.2	4
38	A Ni(II) ferromagnet with mixed pyridine-3,5-dicarboxylate-1,4-bis(imidazol-1-yl)butane heterobridges exhibiting long-range ordering and hysteresis loop. <i>Inorganic Chemistry Communication</i> , 2016, 69, 31-34.	3.9	4
39	Two New Cu(II) Coordination Polymers Based on 1,2-bis(4-pyridyl)ethane and 4-R-phthalic acid (R =) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i> <i>Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 338-342.	0.6	4
40	Crystal structure of <i><i>catena</i>-poly[<i><sup>2</sup></i>diaqua-bis(3-carboxy-5-methoxybenzoato-<i><sup>2</sup></i>)-(1,2-bis(imidazol-1-yl)ethane-<i><sup>2</sup></i>) <i>Tj ETQq0 0 0 rgBT /Overlo</i> [Co(C₉H₆O₅)₂(H₂O)₂(C₈H₁₀)₂]<i><sup>2</sup></i> <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i>, 2019, 234, 617-618.</i>	0.3	4
41	Transformation of a zinc inclusion complex to wurtzite ZnS microflowers under solvothermal conditions. <i>Crystal Research and Technology</i> , 2010, 45, 973-976.	1.3	3
42	A Zinc Complex Based on 4-Bromoisophthalic Acid and 1,2-Bi(4-pyridyl)ethane: Hydrothermal Synthesis, Crystal Structure, and Fluorescent Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 1268-1273.	0.6	3
43	Crystal structure of <i><sup>1/4</sup></i> catena-(<i><sup>1/4</sup></i> 4-5-bromoisophthalato)-(<i><sup>1/4</sup></i> 1,6-bis(imidazol-1-yl)hexane)cobalt(II), Co(C ₈ H ₃ O ₄ Br)(C ₁₂ H ₁₈ N ₄). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2011, 226, .	0.3	2
44	Crystal structure of diaqua-bis(5-nitrobenzene-3-carboxy-1,2-dicarboxylato)-bis(1-(3-(1H-benzimidazol-1-yl)propyl)-benzimidazole)manga - nese(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 . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012, 227, 574-576.	0.3	2
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55	Crystal structure of catena-($\frac{1}{4}$ -3)-5-bromoisophthato- $\hat{\rho}$ (<i>i</i> -O, $\hat{\rho}$) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 75 C ₁₆ H ₁₃ CoN ₄ O ₄ Br. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 233, 79-81.	0.3	1
56	Crystal structure of <i>catena</i> -poly[<i>diaqua</i> -bis(3,4,5,6-tetrabromo-carboxybenzoato- $\hat{\rho}$ (¹) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 75 C ₂₆ H ₁₄ Br ₈ CoN ₂ O ₁₀ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 235, 113-115.	0.3	1
57	Crystal structure of poly[<i>diaqua</i> -($\frac{1}{4}$ -2)-4, $\hat{\rho}$ -bipyridine- $\hat{\rho}$ (²) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 75 C ₁₈ H ₁₂ F ₄ NiN ₂ O ₆ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 563-564.	0.3	1
58	Crystal structure of <i>catena</i> -poly[<i>diaqua</i> -($\frac{1}{4}$ -2)-4, $\hat{\rho}$ -bipyridine- $\hat{\rho}$ (²) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 75 C ₂₆ H ₁₄ Br ₈ NiN ₂ O ₁₀ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 539-540.	0.3	1
59	Crystal structure of tetrakis(melaminium) 1,2,4,5-benzenetetracarboxylate octahydrate, (C ₃ H ₇ N ₆) ₄ [C ₆ H ₂ (COO) ₄]·8H ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 313-315.	0.3	0
60	Crystal structure of <i>diaqua</i> -($\frac{1}{4}$ -4, $\hat{\rho}$ -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
61	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
62	Bis(4-aminobenzenesulfonato- $\hat{\rho}$ N) <i>diaquabis</i> (dimethylformamide- $\hat{\rho}$ O)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1354-m1355.	0.2	0
63	Tetraquabis(1,3-di-4-pyridylpropane- $\hat{\rho}$ N)cobalt(II) bis(4-aminonaphthalene-1-sulfonate). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2353-m2353.	0.2	0
64	Synthesis and crystal structure of two zinc inclusion complexes. Crystal Research and Technology, 2008, 43, 882-887.	1.3	0
65	Zinc Coordination Complex for use in Uniform ZnS Microflowers Synthesis. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1913-1916.	1.2	0
66	Crystal structure of catena-[[$\frac{1}{4}$ -3-5-methylisophthalato][$\frac{1}{4}$ -2-1,6-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
67	Crystal structure of <i>diaquabis</i> (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
68	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
69	Crystal structure of catena-($\frac{1}{4}$ -2-4, $\hat{\rho}$ -bipyridine)silver(II)hydrogen-bis(-5-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (nitro-1 C ₂₈ H ₂₅ AgN ₄ O ₂₀ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, 571-573.	0.3	0
70	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
71	A New Zinc(II) Coordination Polymer Based on 5-Methylisophthalic Acid and 4, $\hat{\rho}$ -Dipyridylsulfide: Synthesis, Structure, and Photoluminescent Properties. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2013, 43, 479-482.	0.6	0
72	Crystal structure of catena-bis($\hat{\rho}$ -3-5-methoxyisophthalato)-bis($\hat{\rho}$ -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

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