

# Benlai

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Syntheses of Metal <sup>2+</sup> -(Pyridin-4-yl)-1 <i>H</i> -imidazole-4,5-dicarboxylate Networks with Topological Diversity: Gas Adsorption, Thermal Stability and Fluorescent Emission Properties. <i>Crystal Growth and Design</i> , 2009, 9, 3423-3431.	3.0	169
2	Hierarchical Assembly of Extended Coordination Networks Constructed by Novel Metallacalix[4]arenes Building Blocks. <i>Inorganic Chemistry</i> , 2010, 49, 2600-2613.	4.0	86
3	Design of metal-organic NLO materials: complexes derived from pyridine-3,4-dicarboxylate. <i>New Journal of Chemistry</i> , 2004, 28, 1590.	2.8	52
4	A Water and Thermally Stable Metal <sup>2+</sup> -Organic Framework Featuring Selective CO <sub>2</sub> Adsorption. <i>Crystal Growth and Design</i> , 2013, 13, 4125-4130.	3.0	47
5	Metal-Directed Self-Assembly: Two New Metal-Binicotinate Grid Polymeric Networks and Their Fluorescence Emission Tuned by Ligand Configuration. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2695-2700.	2.0	45
6	External Template-Assisted Self-Assembly: Design and Synthesis of 4,4'-bipy-Based Mo(W)/Cu/S Heterothiometallic Polymeric Clusters Directed by 1,1'-Bis(pyridinium)methylene Cation. <i>Crystal Growth and Design</i> , 2011, 11, 3448-3455.	3.0	42
7	Chiral Metallochromes Templated Novel Chiral Water Frameworks. <i>Crystal Growth and Design</i> , 2013, 13, 518-525.	3.0	39
8	Dynamic Formation of Coordination Polymers versus Tetragonal Prisms and Unexpected Magnetic Superexchange Coupling Mediated by Encapsulated Anions in the Cobalt(II) 1,3-Bis(pyrid-4-ylthio)propan-2-one Series. <i>Inorganic Chemistry</i> , 2005, 44, 9175-9184.	4.0	35
9	Construction and isomeric transformation of polyoxometalates directed by 1,1'-bis(pyridinium)alkane templates. <i>CrystEngComm</i> , 2011, 13, 5071.	2.6	35
10	Synthesis and Characterization of a 3D H-Bonded Supramolecular Complex with Chiral Channels Encapsulating 1D Left-Handed Helical Water Chains. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3214-3216.	2.0	34
11	Homochiral Coordination Polymers Based on Amino Acid-Functionalized Isophthalic Acid: Synthesis, Structure Determination, and Optical Properties. <i>Crystal Growth and Design</i> , 2018, 18, 1799-1808.	3.0	34
12	Coordination Frameworks Containing Magnetic Single Chain of Imidazolecarboxylate-Bridged Cobalt(II)/Nickel(II): Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2018, 18, 3449-3457.	3.0	31
13	Chiral Supramolecular Frameworks Based on Chiral Metallochromes: Crystal Structures and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3349-3360.	2.0	30
14	1D, 2D and 3D Coordination Polymers of Aromatic Carboxylate TblIII: Structure, Thermolysis Kinetics and Fluorescence. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4280-4289.	2.0	28
15	Homochiral Metal <sup>2+</sup> -Organic Frameworks of Lead(II) and Cadmium(II) Constructed by Amino Acid-Functionalized Isophthalic Acids: Synthesis, Structure Diversity, and Optical Properties. <i>Crystal Growth and Design</i> , 2020, 20, 486-497.	3.0	27
16	Synthesis, Structural Diversity, and Properties of Cd Metal <sup>2+</sup> -Organic Frameworks Based on 2-(5-Bromo-pyridin-3-yl)-1 <i>H</i> -imidazole-4,5-dicarboxylate and N-Heterocyclic Ancillary Ligands. <i>Crystal Growth and Design</i> , 2017, 17, 3616-3624.	3.0	25
17	Effect of Conformation and Combination of 1,3-Bis(4-pyridylthio)propan-2-one upon Coordination Architectures: Syntheses, Characterizations and Properties. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1303-1311.	2.0	23
18	Counteranion's effects on the structures of supramolecular silver coordination compounds of one asymmetric and one biting organic ligands. <i>CrystEngComm</i> , 2009, 11, 1373.	2.6	22

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19	Homochiral coordination polymers with distorted helices consisting of achiral ligand. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3155-3164.	2.2	22
20	Bis(3,5-lutidine)alkyl Dications and Their Use in the Fabrication of Organic-Inorganic 2D Polypseudorotaxane by Templated Self-Assembly. <i>Crystal Growth and Design</i> , 2016, 16, 2487-2491.	3.0	22
21	Syntheses, structures and properties of nickel(II) and manganese(II) coordination polymers based on V-shaped bis-imidazole and aromatic carboxylate ligands. <i>Polyhedron</i> , 2016, 115, 204-211.	2.2	19
22	Novel coordination polymers with ferrocene-containing dicarboxylate ligand: Syntheses, crystal structures and properties. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3295-3302.	1.8	17
23	The conformational behavior of multivalent tris(imidazolium)cyclophanes in the hybrids with metal (pseudo)halides or polyoxometalates. <i>CrystEngComm</i> , 2018, 20, 7184-7194.	2.6	16
24	New Pb(II)-selective membrane electrode based on a new Schiff base complex. <i>Inorganic Chemistry Communication</i> , 2012, 15, 29-32.	3.9	15
25	Color tuning and white light emission by codoping in isostructural homochiral lanthanide metal-organic frameworks. <i>RSC Advances</i> , 2018, 8, 42100-42108.	3.6	15
26	Conformation-controlled assembly of coordination polymers with 1,2-bis(3-pyridylcarboxamide)benzene: Structures and properties. <i>Inorganica Chimica Acta</i> , 2008, 361, 2203-2209.	2.4	13
27	Coordination polymers of unsymmetrical angular ligand 3-pyridin-4-ylbenzoate acid: Syntheses, structural diversity and properties. <i>Inorganica Chimica Acta</i> , 2011, 375, 2-10.	2.4	13
28	Inclusion of Metal Complexes into Cavities of 2D Coordination Networks Built from p-Sulfonatothiacalix[4]arene Tetranuclear Clusters. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 526-530.	2.0	11
29	Crystal structures and luminescence properties of two new terbium complexes with aromatic carboxylic acid. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3981-3992.	2.2	11
30	Syntheses and Properties of One-Three-Dimensional Coordination Polymers Constructed by Metallohelicates of Purin-Containing Carboxylate. <i>Crystal Growth and Design</i> , 2013, 13, 4859-4867.	3.0	11
31	Syntheses, structures, and properties of transition metal complexes with 2-( <i>trans</i> -1,2-ethylenediamine)terephthalate. <i>Journal of Coordination Chemistry</i> , 2013, 66, 4066-4078.	2.2	9
32	Syntheses, crystal structures, and magnetic properties of five new coordination compounds bearing ferrocenedicarboxylate ligands. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3142-3156.	2.2	8
33	Luminescent 3D homochiral coordination polymers of europium(III) and terbium(III) based on amino acid-functionalized isophthalic acid. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108049.	3.9	8
34	Linear oxalato- and 4,4'-dipyridyldisulfide-bridged copper(II) coordination polymer involving in situ ligand synthesis. <i>Journal of Coordination Chemistry</i> , 2007, 60, 2527-2532.	2.2	7
35	Two cadmium(II) 1-D coordination polymers, {[Cd <sub>2</sub> (μ <sub>4</sub> -Cl) <sub>4</sub> Cl <sub>2</sub> (CH <sub>3</sub> OH)(H <sub>2</sub> O)] <sup>+</sup> ·(H <sub>2</sub> O)} <sub>n</sub> and [Cd(μ <sub>4</sub> -Cl) <sub>2</sub> (aq)] <sub>n</sub> : synthesis, crystal structures and fluorescent properties. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1997-2007.	2.2	7
36	Synthesis, crystal structure and characterization of a 1D chain coordination polymer of zinc(II) with arylamide, [Zn(H <sub>2</sub> bpb)Cl <sub>2</sub> ]·n·CH <sub>3</sub> OH, (H <sub>2</sub> bpb = 1,2-bis(3-pyridylcarboxamide)benzene). <i>Journal of Coordination Chemistry</i> , 2008, 61, 285-293.	2.2	7

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37	Two new 2-D coordination polymers based on a purine-containing carboxylate. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3721-3730.	2.2	7
38	Preparation and Analyses of the Multifunctional Properties of 2D and 3D MOFs Constructed from Copper(I) Halides and Hexamethylenetetramine. <i>ACS Omega</i> , 2019, 4, 12402-12409.	3.5	7
39	Two photoluminescent pentanuclear homo- and hetero-metal complexes based on benzotriazole bridge. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1953-1962.	2.2	6
40	A novel 2D porous polymer constructed by a U-shaped bis(amidopyridine) ligand and cobalt(II). <i>Inorganic Chemistry Communication</i> , 2012, 24, 55-58.	3.9	6
41	Synthesis, structure and photocatalytic properties of two hybrid compounds prepared by N-methyl-4,4'-bipyridinium chloride. <i>Main Group Chemistry</i> , 2018, 17, 211-218.	0.8	6
42	Synthesis and Crystal Structure of A Novel Mixed-valent Tri-copper Complex of 4'-p-Tolyl-2,2':6',2''-terpyridine. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 355-359.	0.6	5
43	A novel dodecanuclear cadmium(ii) macrocycle with a 3D framework: synthesis, structure and properties. <i>CrystEngComm</i> , 2012, 14, 4414.	2.6	5
44	Complexes of unsymmetric bis-hydrazide ligands: crystal structures and properties. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3133-3146.	2.2	5
45	Syntheses, structures and photoluminescence of two microporous lanthanide coordination polymers. <i>Inorganic Chemistry Communication</i> , 2012, 22, 120-122.	3.9	5
46	A 4-fold interpenetrated metal-organic diamondoid framework: synthesis, crystal structure, and properties. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2316-2323.	2.2	4
47	Template construction of a series of supramolecular coordination polymers <i>via</i> 6,7-dihydro-5H-[1,4]diazepino[1,2,3,4-lmn][1,10]phenanthroline-4,8-dium cation. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1683-1694.	2.2	4
48	Two new coordination polymers constructed by angular tripyridyl ligand: syntheses, structures, and properties. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2804-2814.	2.2	4
49	1,1'-Bis(pyridinium)alkane Cation as Templates for the Self-Assembly of the Mo(W)/S/Cu Polymeric Clusters. <i>Journal of Cluster Science</i> , 2011, 22, 633-646.	3.3	4
50	A tetragonal molecular cage and polymeric macrocyclic complex based on a clip-like bis-pyridyl-bis-amide ligand. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2771-2779.	2.2	4
51	Synthesis, Structure, and Magnetic Property of a New Manganese Coordination Polymer with 2-(pyridin-2-yl)-1H-imidazole-4,5-dicarboxylic Acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 231-237.	0.6	4
52	Syntheses, crystal structures, and properties of new metal-5-bromonicotinate coordination polymers. <i>Journal of Solid State Chemistry</i> , 2015, 225, 297-304.	2.9	4
53	Co <sup>II</sup> MOFs with 1,1'-(5-methyl-1,3-phenylene)bis(1H-imidazole) and aromatic carboxylates as coligands: synthesis, structure, and spectroscopic and thermal characterizations. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2247-2262.	2.2	4
54	Synthesis, structures and applications as fluorescence probes of novel Hg(II)/Ag(I) functional supramolecular compounds based on nitrogen heterocyclic cations. <i>Main Group Chemistry</i> , 2018, 17, 273-283.	0.8	4

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55	Three-dimensional homochiral coordination polymers of Eu(III) and Tb(III): Synthesis, structure determination, and optical properties. <i>Journal of Solid State Chemistry</i> , 2020, 292, 121702.	2.9	4
56	Homochiral porous coordination polymer of Eu <sup>III</sup> for metal ion sensing and enantioselective adsorption. <i>CrystEngComm</i> , 2022, 24, 1156-1160.	2.6	4
57	Synthesis of a Novel Discrete Metallacycle Complex Self-assembled into a 3D Hydrogen-binding Supramolecular Structure. <i>Chinese Journal of Chemistry</i> , 2006, 24, 533-536.	4.9	3
58	Synthesis, Crystal Structure, and Properties of the Enantiotopic Complex Constructed from Chiral Ligand H <sub>2</sub> bpb, [Co (H <sub>2</sub> bpb) <sub>2</sub> (NCS) <sub>2</sub> (CH <sub>3</sub> OH) <sub>2</sub> ] (H <sub>2</sub> bpb = 1, 2-Bis (3-Pyridylcarboxamide)Benzene). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 539-544.	0.6	3
59	Dinuclear Zn(II) and Hg(II) complexes of an angular dipyridyl ligand: syntheses, crystal structures, and properties. <i>Journal of Coordination Chemistry</i> , 2010, 63, 4236-4244.	2.2	3
60	Homochiral ZnII-Camphorate Frameworks With 4- <i>p</i> -tolyl-2,6-Terpyridine and 1,10-Phenanthroline as Accessorial Ligands: Syntheses, Crystal Structures, and Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 572-580.	0.6	3
61	Homochiral lanthanide metal-organic frameworks based on amino acid-functionalized terpyridyl ligand: synthesis, structure determination, and optical properties. <i>Inorganica Chimica Acta</i> , 2020, 513, 119931.	2.4	3
62	Synthesis, Crystal Structure and Characterizations of Zn (II) Complex with pmtpo and NCS <sup>~</sup> (Pmtpo =) Tj ETQq0 0 0 rgBT /Overlock 10 Organic, and Nano Metal Chemistry, 2008, 38, 716-720.	0.6	2
63	Functional tetranuclear square grids synthesized by in situ oxidation of ligand. <i>Polyhedron</i> , 2014, 73, 59-66.	2.2	2
64	Assemblies of meso-metallosupramolecules from tetrahedral metallohelicate units: Syntheses, structures, and fluorescence. <i>Inorganica Chimica Acta</i> , 2014, 423, 176-183.	2.4	2
65	Synthesis, Crystal Structure and Properties of the Enantiotopic Complex Constructed From Chiral Ligand H <sub>2</sub> bpb, [Co (H <sub>2</sub> bpb) <sub>2</sub> (NCS) <sub>2</sub> (CH <sub>3</sub> OH) <sub>2</sub> ] (H <sub>2</sub> bpb = 1, 2-Bis (3-pyridylcarboxamide)benzene). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 439-444.	0.6	1
66	Synthesis and Characterisation of a Cd(II) Complex with a Chiral Framework Constructed from Achiral 1,1- <sup>2</sup> -[bis-3-(3-pyridyl)pyrazol-5-yl]ferrocene via Spontaneous Resolution. <i>Journal of Chemical Research</i> , 2012, 36, 606-609.	1.3	1
67	Construction of metal-organic frameworks from 3-(6-oxo-6,9-dihydro-1H-purin-1-yl)propionate. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2815-2832.	2.2	1
68	Synthesis, structure and properties of two novel metallohelical compounds. <i>Main Group Chemistry</i> , 2020, 19, 175-186.	0.8	1
69	A new two-dimensional homochiral cadmium(II) coordination polymer: synthesis, structure determination, optical properties, and fluorescent sensing. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2898-2911.	2.2	1
70	New Type of Polymeric Chain Constructed by Exo-bidentate Binaphthol Derivative. <i>Chinese Journal of Chemistry</i> , 2005, 23, 1367-1370.	4.9	0
71	One Supramolecular 3D Framework based on 1D Coordination Polymer of Cobalt(II) with 1,3-Bis(4-pyridyl)propane (bpp) Pillared by bpp Ligands: Synthesis, Crystal Structure and Magnetic Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 475-479.	0.6	0
72	Syntheses, Crystal Structures, and Characterizations of Allomerism Complexes of Co(II) and Ni(II) with Pmtpo and NCS <sup>~</sup> (Pmtpo = 2-(2-pyridylmethylthio)-5-(4-pyridyl)-1,3,4-Oxadiazole). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 93-99.	0.6	0

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73	A New Metal-Organic Molecular Square Based on Imidazole-4,5-dicarboxylate. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 771-774.	0.6	0
74	Manganese(II) and zinc(II) coordination polymers based on 2-(5-bromo-pyridin-3-yl)-1H-imidazole-4,5-dicarboxylic acid: synthesis, structure and properties. Journal of Coordination Chemistry, 2019, 72, 1820-1832.	2.2	0