

Xiang He

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly effective H ₂ /D ₂ separation in a stable Cu-based metal-organic framework. <i>Nano Research</i> , 2021, 14, 518-525.	10.4	32
2	Enhancing water stability in Co(II) coordination polymers from their structural transformation by temperature-controlling and their dye degradation property. <i>Journal of Solid State Chemistry</i> , 2021, 298, 122110.	2.9	3
3	Phase Transition and Ferroelectricity of Two Perovskite-Like Mn(II) Metal-Organic Frameworks Tuned by Phosphonium Cations and Dicyanamide Ligand. <i>Crystal Growth and Design</i> , 2021, 21, 6245-6253.	3.0	3
4	Structural transformation of two copper coordination polymers and their enhanced benzene vapor selective detection. <i>Inorganica Chimica Acta</i> , 2020, 501, 119241.	2.4	4
5	Cluster-based Cd(II) coordination polymers: Step-wise synthesis, structure, and luminescence. <i>Journal of Molecular Structure</i> , 2020, 1220, 128608.	3.6	1
6	Syntheses, structures and magnetic properties of five 5-bromoisophthalate coordination polymers with dipyriddy-type auxiliary ligands. <i>Inorganica Chimica Acta</i> , 2019, 497, 119083.	2.4	3
7	Solvent-induced structural transformations of two-dimensional coordination polymers based on trinuclear cobalt unit. <i>Polyhedron</i> , 2019, 170, 564-569.	2.2	2
8	Hydrolysis Controlled Synthetic Strategy and Structural Variation of Hydroxyl-Metal Clusters and Metal-Organic Frameworks Based on Tripodal Ether-Linked 1,3,5-Tris(carboxymethoxy)benzene. <i>Crystal Growth and Design</i> , 2019, 19, 2308-2321.	3.0	14
9	A 3D Calcium Spirofluorene Metal-Organic Framework: Single-Crystal-to-Single-Crystal Transformation and Toluene Detection by a Quartz Crystal Microbalance Sensor. <i>Inorganic Chemistry</i> , 2018, 57, 1689-1692.	4.0	31
10	Multivariant synthesis, crystal structures and properties of four nickel coordination polymers based on flexible ligands. <i>CrystEngComm</i> , 2018, 20, 5045-5055.	2.6	14
11	Improving Water-Stability and Porosity of Lanthanide Metal-Organic Frameworks by Stepwise Synthesis for Sensing and Removal of Heavy Metal Ions. <i>Crystal Growth and Design</i> , 2018, 18, 4602-4610.	3.0	41
12	Syntheses, structures, and luminescence properties of two copper(I) thiocyanate coordination polymers with different N-donor ligands. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1248-1253.	1.6	2
13	Temperature and solvent controlled syntheses of six hydrous 5-(3-pyridylmethoxy)isophthalate Cd(II) coordination polymers. <i>Inorganica Chimica Acta</i> , 2017, 467, 316-324.	2.4	4
14	Isocyanide-Based Multicomponent Reaction To Furnish N-Functionalized Indoles by using N-Acyliminium Ions as Key Intermediates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4507-4510.	2.4	3
15	Structural Diversity and Vibrational Spectra of Nine Cu(I)-Cyanide Metal-Organic Frameworks with in Situ Generated N-Heterocyclic Ligands. <i>Crystal Growth and Design</i> , 2017, 17, 6281-6290.	3.0	25
16	A Room-Temperature Luminescent Ag ₃ COO Complex Consisting of Cationic Complex Chains and Anionic Guests. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 584-589.	1.2	0
17	Diverse Structures and Ferro-/Ferri-/Antiferromagnetic Interactions of Pyridyltetrazole Coordination Polymers with Polycarboxylate Auxiliary Ligands. <i>Crystal Growth and Design</i> , 2016, 16, 2912-2922.	3.0	57
18	Photochromic Terbium Phosphonates with Photomodulated Luminescence and Metal Ion Sensitive Detection. <i>Chemistry - A European Journal</i> , 2016, 22, 15451-15457.	3.3	63

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19	A homochiral Cu(<i>scp</i>) coordination polymer based on achiral precursors and its photocatalytic properties. Dalton Transactions, 2015, 44, 13545-13549.	3.3	24
20	Ugi/Himbert Arene/Allene Diels-Alder Cycloaddition to Synthesize Strained Polycyclic Skeleton. Journal of Organic Chemistry, 2015, 80, 11100-11107.	3.2	26
21	Indium(III) Chloride-Catalyzed Isocyanide Insertion Reaction to Construct Complex Spirooxindole. Organic Letters, 2015, 17, 4874-4877.	4.6	67
22	Seven novel coordination polymers constructed by rigid 4-(4-carboxyphenyl)-terpyridine ligands: synthesis, structural diversity, luminescence and magnetic properties. Dalton Transactions, 2014, 43, 1460-1470.	3.3	62
23	Structural Diversity, Luminescence, and Magnetic Properties of Eight Co(II)/Zn(II) Coordination Polymers Constructed from Semirigid Ether-Linked Tetracarboxylates and Bend Dipyrindyl-Triazole Ligands. Crystal Growth and Design, 2014, 14, 4155-4165.	3.0	63
24	Unexpected 4-Fold [2 + 2] Interpenetration and Polycatenation Behaviors in Porous Luminescent Zinc Metal-Organic Frameworks Constructed from Flexible 3,5-Bis(4-pyridylmethoxy)benzoate Ligand. Crystal Growth and Design, 2014, 14, 2818-2830.	3.0	64
25	Tuning Different Kinds of Entangled Networks Formed by Isomers of Bis(1,2,4-triazol-1-ylmethyl)benzene and a Flexible Tetracarboxylate Ligand. Crystal Growth and Design, 2013, 13, 1649-1654.	3.0	47
26	Controlling interpenetration in metal-organic frameworks by tuning the conformations of flexible bis(triazole) ligands. CrystEngComm, 2013, 15, 9437.	2.6	24
27	Syntheses, structures, and photoluminescent properties of ten metal-organic frameworks constructed by a flexible tetracarboxylate ligand. CrystEngComm, 2013, 15, 2731.	2.6	45
28	Synthesis, structure and adsorption of coordination polymers constructed from 3,3',5,5'-azobenzenetetracarboxylic acid and Zn ions. CrystEngComm, 2013, 15, 4970.	2.6	27
29	The first homochiral coordination polymer with temperature-independent piezoelectric and dielectric properties. Journal of Materials Chemistry, 2012, 22, 2398.	6.7	69
30	Novel complexes constructed by flexible 1,2,3,4,5,6- cyclohexanehexacarboxylate and transition metal ions - From 0D mononuclear to 3D porous coordination polymers. CrystEngComm, 2012, 14, 4312.	2.6	11
31	Unprecedented cyclic [Mo ₆ O ₁₉] ²⁺ cluster and five organic-inorganic hybrids based on polyoxomolybdates and 4-amino-3,5-bis(pyridyl)-1,2,4-triazole. CrystEngComm, 2011, 13, 1687-1692.	2.6	31
32	Synthesis, structures and thermal stabilities of three 1-D coordination polymers based on flexible polycarboxylates. Journal of Coordination Chemistry, 2010, 63, 3743-3752.	2.2	8
33	Solvothermal Synthesis and Diverse Coordinate Structures of a Series of Luminescent Copper(I) Thiocyanate Coordination Polymers Based on N-Heterocyclic Ligands. Crystal Growth and Design, 2009, 9, 4626-4633.	3.0	86
34	Synthesis, Structure and Luminescence of Two Coordination Polymers Based on 1,4-Benzenedicarboxylate and (3-Pyridyl)benzimidazole Ligands. Chinese Journal of Chemistry, 2008, 26, 2039-2044.	4.9	3
35	5,5'-(<i>p</i> -Phenylene)di-1 <i>H</i> -tetrazole. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o40-o40.	0.2	5
36	Syntheses, structures and fluorescent properties of three copper cyanide coordination polymers based on N-heterocyclic ligands. Journal of Coordination Chemistry, 2008, 61, 2999-3007.	2.2	13

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37	(Piperazin-1-ium- \hat{N}^4)tris(thiocyanato- \hat{N})zinc(II). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m122-m122.	0.2	1