

# Xiang He

## List of Publications by Year in descending order

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37  
papers

978  
citations

394421

19  
h-index

434195

31  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvothermal Synthesis and Diverse Coordinate Structures of a Series of Luminescent Copper(I) Thiocyanate Coordination Polymers Based on N-Heterocyclic Ligands. <i>Crystal Growth and Design</i> , 2009, 9, 4626-4633.	3.0	86
2	The first homochiral coordination polymer with temperature-independent piezoelectric and dielectric properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 2398.	6.7	69
3	Indium(III) Chloride-Catalyzed Isocyanide Insertion Reaction to Construct Complex Spirooxindole. <i>Organic Letters</i> , 2015, 17, 4874-4877.	4.6	67
4	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. <i>Crystal Growth and Design</i> , 2014, 14, 2818-2830.	3.0	64
5	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. <i>Crystal Growth and Design</i> , 2014, 14, 4155-4165.	3.0	63
6	Photochromic Terbium Phosphonates with Photomodulated Luminescence and Metal Ion Sensitive Detection. <i>Chemistry - A European Journal</i> , 2016, 22, 15451-15457.	3.3	63
7	Seven novel coordination polymers constructed by rigid 4-(4-carboxyphenyl)-terpyridine ligands: synthesis, structural diversity, luminescence and magnetic properties. <i>Dalton Transactions</i> , 2014, 43, 1460-1470.	3.3	62
8	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
9	Tuning Different Kinds of Entangled Networks Formed by Isomers of Bis(1,2,4-triazol-1-ylmethyl)benzene and a Flexible Tetracarboxylate Ligand. <i>Crystal Growth and Design</i> , 2013, 13, 1649-1654.	3.0	47
10	Syntheses, structures, and photoluminescent properties of ten metal-organic frameworks constructed by a flexible tetracarboxylate ligand. <i>CrystEngComm</i> , 2013, 15, 2731.	2.6	45
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	Highly effective H <sub>2</sub> /D <sub>2</sub> separation in a stable Cu-based metal-organic framework. <i>Nano Research</i> , 2021, 14, 518-525.	10.4	32
13	Unprecedented cyclic [Mo <sub>6</sub> O <sub>19</sub> ] <sup>2-</sup> cluster and five organic-inorganic hybrids based on polyoxomolybdates and 4-amino-3,5-bis(pyridyl)-1,2,4-triazole. <i>CrystEngComm</i> , 2011, 13, 1687-1692.	2.6	31
14	A 3D Calcium Spirobifluorene 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
15	Synthesis, structure and adsorption of coordination polymers constructed from 3,3',5,5'-azobenzene tetracarboxylic acid and Zn ions. <i>CrystEngComm</i> , 2013, 15, 4970.	2.6	27
16	Ugi/Himbert Arene/Allene Diels-Alder Cycloaddition to Synthesize Strained Polycyclic Skeleton. <i>Journal of Organic Chemistry</i> , 2015, 80, 11100-11107.	3.2	26
17	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
18	Controlling interpenetration in metal-organic frameworks by tuning the conformations of flexible bis(triazole) ligands. <i>CrystEngComm</i> , 2013, 15, 9437.	2.6	24

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19	A homochiral Cu( <i>scp</i> ) coordination polymer based on achiral precursors and its photocatalytic properties. <i>Dalton Transactions</i> , 2015, 44, 13545-13549.	3.3	24
20	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
21	Hydrolysis Controlled Synthetic Strategy and Structural Variation of Hydroxylâ€Metal Clusters and Metalâ€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
22	Syntheses, structures and fluorescent properties of three copper cyanide coordination polymers based on N-heterocyclic ligands. <i>Journal of Coordination Chemistry</i> , 2008, 61, 2999-3007.	2.2	13
23	Novel complexes constructed by flexible 1,2,3,4,5,6- cyclohexanehexacarboxylate and transition metal ions â€ From OD mononuclear to 3D porous coordination polymers. <i>CrystEngComm</i> , 2012, 14, 4312.	2.6	11
24	Synthesis, structures and thermal stabilities of three 1-D coordination polymers based on flexible polycarboxylates. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3743-3752.	2.2	8
25	5,5â€ <sup>2</sup> -( <i>p</i> -Phenylene)di-1 <i>H</i> -tetrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o40-o40.	0.2	5
26	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
27	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
28	Synthesis, Structure and Luminescence of Two Coordination Polymers Based on 1,4â€Benzenedicarboxylate and 2â€(3â€Pyridyl)benzimidazole Ligands. <i>Chinese Journal of Chemistry</i> , 2008, 26, 2039-2044.	4.9	3
29	Isocyanideâ€Based Multicomponent Reaction To Furnish Nâ€Functionalized Indoles by using <i>N</i> -acyliminium Ions as Key Intermediates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4507-4510.	2.4	3
30	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
31	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
32	Phase Transition and Ferroelectricity of Two Perovskite-Like Mn(II) Metalâ€Organic Frameworks Tuned by Phosphonium Cations and Dicyanamide Ligand. <i>Crystal Growth and Design</i> , 2021, 21, 6245-6253.	3.0	3
33	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
34	Solvent-induced structural transformations of two-dimensional coordination polymers based on trinuclear cobalt unit. <i>Polyhedron</i> , 2019, 170, 564-569.	2.2	2
35	Cluster-based Cd(II) coordination polymers: Step-wise synthesis, structure, and luminescence. <i>Journal of Molecular Structure</i> , 2020, 1220, 128608.	3.6	1
36	(Piperazin-1-ium- <i>N</i> 4)tris(thiocyanato- <i>N</i> )zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m122-m122.	0.2	1

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37	A Room-temperature Luminescent AgCF <sub>3</sub> COO Complex Consisting of Cationic Complex Chains and Anionic Guests. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 584-589.	1.2	0