

# Jiehui Yu

## List of Publications by Year in descending order

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71  
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#	ARTICLE	IF	CITATIONS
1	New iodoargentates with azole molecules: Syntheses, structural characterization and photoluminescence properties. <i>Journal of Solid State Chemistry</i> , 2022, 306, 122748.	2.9	1
2	A metal-organic framework with rich accessible nitrogen sites for rapid dye adsorption and highly efficient dehydrogenation of formic acid. <i>Dalton Transactions</i> , 2022, 51, 8695-8704.	3.3	6
3	A Chained Iodocuprate(I) and its Photoluminescence Behavior. <i>Journal of Cluster Science</i> , 2021, 32, 193-197.	3.3	1
4	Synthesis and selective detection towards TNP of two coordination polymers based on ligand generated by in situ acylation reaction. <i>Journal of Solid State Chemistry</i> , 2021, 293, 121771.	2.9	10
5	Bimetallic PdAu Nanoparticles in Amine-Containing Metal-Organic Framework UiO-66 for Catalytic Dehydrogenation of Formic Acid. <i>ACS Applied Nano Materials</i> , 2021, 4, 4632-4641.	5.0	20
6	Porous 3,4-di(3,5-dicarboxyphenyl)phthalate-based Cd <sup>2+</sup> coordination polymer and its potential applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119498.	3.9	3
7	PdAu Nanoparticles Supported by Diamine-Containing UiO-66 for Formic Acid Dehydrogenation. <i>ACS Applied Nano Materials</i> , 2021, 4, 9790-9798.	5.0	14
8	Acylhydrazidate-based porous coordination polymers and reversible I <sub>2</sub> adsorption properties. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2722-2733.	4.9	12
9	Copper(I)-polymers and their photoluminescence thermochromism properties. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 477-486.	2.9	14
10	5,5'-bis(1,4-dioxo-1,2,3,4-tetrahydrophthalazine-6,7-diyl)bis(oxy)diisophthalate-Based Coordination Polymers and their TNP Sensing Ability. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3094-3102.	2.0	9
11	6,6'-bis(Perfluoropropane-2,2-diyl)bis(2,3-dihydrophthalazine-1,4-dione)-based coordination polymers and their sensing properties towards Cr <sup>2+</sup> and Cr <sup>3+</sup> . <i>CrystEngComm</i> , 2019, 21, 3086-3096.	2.6	6
12	Bisimidazole-based phosphorescent thiocyanatocadmates. <i>Dalton Transactions</i> , 2019, 48, 5674-5682.	3.3	3
13	4,5-Diamino-1,2-dihydropyridazine-3,6-dione-based layered Zn <sup>2+</sup> coordination polymer and sensing properties on 2,4,6-trinitrophenol and CrO <sub>7</sub> <sup>2-</sup> . <i>Journal of Solid State Chemistry</i> , 2019, 270, 212-218.	2.9	8
14	New iodometallates(I) with in situ generated organic base derivatives as countercations (M <sup>+</sup> = Ag <sup>+</sup> ). <i>Tj ETQq 0 0 0 rgBT /Overlock 10 T</i>	2.9	3
15	New Thiocyanatocadmte and Halo-thiocyanatocadmtes Modified by Imidazole or Triazole Derivatives: Synthesis, Structural Characterization, and Photoluminescence Property. <i>Journal of Cluster Science</i> , 2018, 29, 499-508.	3.3	1
16	New photoluminescent iodoargentates with bisimidazole derivatives as countercations. <i>RSC Advances</i> , 2018, 8, 36150-36160.	3.6	5
17	Porous Cd <sup>2+</sup> Supramolecular Network Constructed from 2,3,5,6-Pyridinetetracarboxylhydrazide. <i>Journal of Cluster Science</i> , 2018, 29, 633-639.	3.3	7
18	White-Light-Emitting Materials and Highly Sensitive Detection of Fe <sup>3+</sup> and Polychlorinated Benzenes Based on Ln-Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2018, 18, 5353-5364.	3.0	60

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19	New copper(I) iodides with bisimidazole molecules: Synthesis, structural characterization and photoluminescence property. <i>Journal of Solid State Chemistry</i> , 2017, 251, 176-185.	2.9	16
20	New discrete iodometallates with in situ generated triimidazole derivatives as counteranions ( $M^{n+} = Ag^{+}, Pb^{2+}, Bi^{3+}$ ). <i>RSC Advances</i> , 2017, 7, 19073-19080.	3.6	20
21	Role of incorporated $SCN^{-}$ or $SO_4^{2-}$ in organically templated chlorocadmates: synthesis, structural characterization and photoluminescence property. <i>Polyhedron</i> , 2017, 127, 176-185.	2.2	4
22	Hybrid compounds assembled from copper-triazole complexes and phosphomolybdic acid as advanced catalysts for the oxidation of olefins with oxygen. <i>Dalton Transactions</i> , 2017, 46, 16655-16662.	3.3	20
23	New in situ generated acylhydrazidate-coordinated complexes and acylhydrazide molecules: Synthesis, structural characterization and photoluminescence property. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 167, 33-40.	3.9	15
24	A Photoluminescent Metal Coordination Complex Constructed from Hydrothermal in situ Generated Quinoline- $\epsilon$ -monoacylhydrazidate Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 20-24.	1.2	5
25	A new three-dimensional $Zn^{2+}$ coordination polymer constructed from oxalate and 1,2,4-triazolate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 161, 138-143.	3.9	8
26	3,5-Bis((4- $\epsilon$ -carboxylbenzyl)oxy)benzoate-based coordination polymers: their synthesis, structural characterization, and sensing properties. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 406-416.	6.0	20
27	5-((3,4- $\epsilon$ -dicarboxylphenoxy)isophthalate)/5-((2,3- $\epsilon$ -dicarboxylphenoxy)isophthalate)-Based 3D Cadmium(II) Coordination Polymers: Synthesis, Structure, and Sensing of Nitrobenzene. <i>ChemPlusChem</i> , 2015, 80, 1732-1740.	2.8	13
28	New 1-D and 3-D thiocyanatocadmates modified by various amine molecules and $Cl^{-}/CH_3COO^{-}$ ions: synthesis, structural characterization, thermal behavior and photoluminescence properties. <i>Dalton Transactions</i> , 2015, 44, 5095-5105.	3.3	15
29	Crystal Structures of Three Organically Modified Metal Halides. <i>Journal of Cluster Science</i> , 2014, 25, 571-579.	3.3	2
30	New hybrid Cd(II) compounds: synthesis and structural characterization. <i>Dalton Transactions</i> , 2014, 43, 5806.	3.3	20
31	New $Zn^{2+}$ coordination polymers with mixed triazolate/tetrazolate and acylhydrazidate as linkers. <i>CrystEngComm</i> , 2014, 16, 2692.	2.6	19
32	Construction of acylhydrazidate-extended metal-organic frameworks. <i>Dalton Transactions</i> , 2014, 43, 11646.	3.3	21
33	New $Zn^{2+}$ coordination polymers constructed from acylhydrazidate molecules: synthesis and structural characterization. <i>Dalton Transactions</i> , 2014, 43, 15617-15627.	3.3	17
34	New coordination polymers with acylhydrazidate molecules as the linkers. <i>Polyhedron</i> , 2014, 83, 220-227.	2.2	8
35	Supramolecular Assembly Based on Octamolybdate and Triazole Derivative: Crystal Structure and Catalytic Application in Olefin Epoxidation. <i>Journal of Cluster Science</i> , 2014, 25, 1263-1272.	3.3	13
36	In situ synthesis and structural characterization of a series of acylhydrazidate-extended $Ln^{3+}$ and $Zn^{2+}$ coordination polymers. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 673-681.	6.0	23

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37	New halo(pseudohalo)cadmates templated by protonated N-heterocyclic/diamine molecules. RSC Advances, 2013, 3, 16416.	3.6	16
38	New iodocuprates(I) with N-heterocyclic molecules as the cations. Journal of Solid State Chemistry, 2013, 207, 152-157.	2.9	20
39	Oxalate-extended Cd <sup>2+</sup> -acylhydrazidate coordination polymers: synthesis, structure and fluorescence property. CrystEngComm, 2013, 15, 5919.	2.6	20
40	New Cd <sup>2+</sup> , Pb <sup>2+</sup> complexes with acylhydrazidate molecules from in situ acylation reactions. Dalton Transactions, 2013, 42, 8771.	3.3	23
41	New thiocyanatocadmates templated by multi-dentate N-heterocyclic/diamine molecules. Dalton Transactions, 2013, 42, 6429.	3.3	27
42	New metal complexes with di(mono)acylhydrazidate molecules. Dalton Transactions, 2012, 41, 10267.	3.3	18
43	Synthesis, structural characterization and photoluminescence property of four di(mono)acylhydrazidate-coordinated Cd <sup>2+</sup> and Zn <sup>2+</sup> compounds. CrystEngComm, 2012, 14, 8162.	2.6	20
44	New photoluminescence acylhydrazidate-coordinated complexes. Dalton Transactions, 2012, 41, 2382-2392.	3.3	37
45	New organically templated chained and layered iodoplumbates. CrystEngComm, 2012, 14, 4000.	2.6	43
46	New thiocyanatocadmates with bidentate N-heterocyclic molecules as the templating agents: synthesis and structural characterization. CrystEngComm, 2012, 14, 8000.	2.6	20
47	Structural characterization of a series of new organically templated chained thiocyanato(halo)cadmates. CrystEngComm, 2012, 14, 6599.	2.6	20
48	Crystal Structures of Two New One-Dimensional (1-D) Chained Haloplumbates: [H <sub>2</sub> dabco][Pb <sub>2</sub> Br <sub>6</sub> ]·H <sub>2</sub> O and [Hdabco][PbI <sub>3</sub> ]·H <sub>2</sub> O (dabco=1,4-diazabicyclo[2,2,2]octane). Journal of Cluster Science, 2012, 23, 237-245.	3.3	1
49	New BPTH-Bridged Chained Cd(II) Coordination Polymer Based on Cd <sub>2</sub> O <sub>2</sub> Clusters: Synthesis and Crystal Structure of [Cd(BPTH)(phen)]·3.75H <sub>2</sub> O (BPTH=biphthalhydrazidate; phen=phenanthroline). Journal of Cluster Science, 2012, 23, 287-295.	3.3	13
50	Crystal Structures of Two New Iodine Clusters: Tetranuclear [H <sub>2</sub> dabco] <sub>4</sub> (Dabco=1,4-Diazabicyclo[2,2,2]octane) and Chained [Dedabco] <sub>3</sub> (Dedabco <sub>2</sub> =N,N'-Diethyl-1,4-Diazabicyclo[2,2,2]octane). Journal of Cluster Science, 2012, 23, 527-533.	3.3	2
51	New organically decorated cadmium halides incorporating the second or the third inorganic anionic groups. CrystEngComm, 2011, 13, 2942.	2.6	20
52	Crystal Structures of Two Copper(I) Iodides: Chained [CuI(bta)] and Tetranuclear [(mdabco) <sub>2</sub> Cu <sub>4</sub> I <sub>6</sub> ] (bta=benzotriazole; mdabco=N-methyl-1,4-diazabicyclo[2,2,2]octane). Journal of Cluster Science, 2011, 22, 715-722.	3.3	10
53	Supramolecular Assemblies Directed by Hydrogen Bonds and π-π Interactions and Based on N-Heterocyclic Ligand-Modified Octamolybdate Structure and Catalytic Application in Olefin Epoxidation. European Journal of Inorganic Chemistry, 2011, 2011, 2361-2365.	2.0	31
54	New organically templated photoluminescence iodocuprates(I). Journal of Solid State Chemistry, 2011, 184, 1756-1760.	2.9	19

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55	Hydrothermal Synthesis and Characterization of a One-Dimensional Copper (I) Halide Cluster with 1,10-Phenanthroline. Chinese Journal of Chemistry, 2010, 20, 560-563.	4.9	3
56	Hydrothermal Syntheses, Supramolecular Structures and the Third-order Non-linear Optical Properties of Three Copper (I) Halide Amine Complexes Connected via Secondary Bonding Interactions. Chinese Journal of Chemistry, 2010, 20, 851-857.	4.9	4
57	Correction to Chin. J. Chem. 2002, 20, 851-857. Chinese Journal of Chemistry, 2010, 20, 1621-1622.	4.9	0
58	Synthesis and structural characterization of three copper coordination polymers with pyridine derivatives from hydro(solvo)thermal in situ decarboxylation reactions of 2,5-dicarboxypyridine. Journal of Solid State Chemistry, 2010, 183, 1561-1566.	2.9	37
59	4-Carboxylphthalhydrazidate-bridged layered Pb(II) coordination polymers. CrystEngComm, 2010, 12, 1850.	2.6	28
60	Organically templated chained chlorocadmates and cadmium-chloro thiocyanates. CrystEngComm, 2009, 11, 1037.	2.6	43
61	2D and 3D networks of lanthanide with mixed dicarboxylate ligands: syntheses, crystal structures and photoluminescent properties. CrystEngComm, 2009, 11, 1642.	2.6	34
62	A new 3-D two-fold interpenetrated framework with sqp net based on Cu <sub>6</sub> I <sub>6</sub> and Cu <sub>8</sub> I <sub>8</sub> cluster nodes. CrystEngComm, 2009, 11, 2452.	2.6	44
63	Preparation and structural characterization of a series of monoacylhydrazidate-bridged coordination polymers. Dalton Transactions, 2009, , 8248.	3.3	41
64	A series of metal-organic complexes constructed from in situ generated organic amines. CrystEngComm, 2008, 10, 1534.	2.6	39
65	Hydrothermal Synthesis, Structure and Property of a Zinc Coordination Polymer Based on Aromatic Polycarboxylate and Phenanthroline Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 490-494.	1.2	21
66	Syntheses and Characterization of Several Copper-halo Clusters. Chinese Journal of Chemistry, 2005, 23, 1030-1036.	4.9	4
67	Synthesis and Characterization of Four Novel Supramolecular Compounds Based on Metal Zinc and Cadmium. Crystal Growth and Design, 2005, 5, 1091-1098.	3.0	88
68	Syntheses, characterization and optical properties of some copper(I) halides with 1,10-phenanthroline ligand. New Journal of Chemistry, 2004, 28, 940-945.	2.8	64
69	Synthesis, crystal structure and non-linear optical properties of a new cyanide-containing compound. Journal of Coordination Chemistry, 2004, 57, 1603-1609.	2.2	3
70	Title is missing!. Journal of Cluster Science, 2003, 14, 1-8.	3.3	12
71	Investigation of Copper Halide: Hydrothermal Syntheses and Characterization of CuBr <sub>2</sub> (C <sub>12</sub> H <sub>8</sub> N <sub>2</sub> ) and Cu <sub>3</sub> Br <sub>3</sub> (C <sub>12</sub> H <sub>8</sub> N <sub>2</sub> ) <sub>2</sub> . Chinese Journal of Chemistry, 2003, 21, 296-300.	4.9	0