

Xiao-Feng Wang

List of Publications by Year in descending order

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28
papers

970
citations

840776

11
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1785
citing authors

#	ARTICLE	IF	CITATIONS
1	Active sites of copper-complex catalytic materials for electrochemical carbon dioxide reduction. <i>Nature Communications</i> , 2018, 9, 415.	12.8	527
2	Microwave-Assisted Solvothermal Synthesis of a Dynamic Porous Metal-Carboxylate Framework. <i>Crystal Growth and Design</i> , 2008, 8, 4559-4563.	3.0	76
3	Two microporous metal-organic frameworks with different topologies constructed from linear trinuclear $M_3(\text{COO})_n$ secondary building units. <i>CrystEngComm</i> , 2008, 10, 753.	2.6	55
4	Two temperature-induced isomers of metal-carboxylate frameworks based on different linear trinuclear $\text{Co}_3(\text{RCOO})_8$ clusters exhibiting different magnetic behaviours. <i>CrystEngComm</i> , 2010, 12, 3834.	2.6	53
5	Layer-by-layer evolution and a hysteretic single-crystal to single-crystal transformation cycle of a flexible pillared-layer open framework. <i>Chemical Communications</i> , 2012, 48, 133-135.	4.1	49
6	Cooperative Capture of Uranyl Ions by a Carbonyl-Bearing Hierarchical Porous Cu-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18808-18812.	13.8	42
7	Buffering additive effect in the formation of metal-carboxylate frameworks with slightly different linear $M_3(\text{RCOO})_6$ clusters. <i>CrystEngComm</i> , 2011, 13, 4196.	2.6	26
8	Phenanthrene[2]arene: synthesis and application as nonporous adaptive crystals in the separation of benzene from cyclohexane. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3307-3311.	4.5	18
9	Amidoxime-Functionalized Covalent Organic Nanosheets for Sequestration of Uranium In Vivo. <i>ACS Applied Bio Materials</i> , 2020, 3, 8731-8738.	4.6	17
10	A hydrolytically stable europium-organic framework for the selective detection of radioactive Th^{4+} in aqueous solution. <i>CrystEngComm</i> , 2019, 21, 3471-3477.	2.6	13
11	Achiral diamondoid or chiral quartz net: the effect of substituents in the topology and catenation of coordination polymers based on tetrahedral $\text{Cd}(\text{COO})_4$ building units. <i>CrystEngComm</i> , 2013, 15, 3470.	2.6	12
12	A novel asymmetric chair-like hydroxyl-bridged tetra-copper compound: Synthesis, supramolecular structure and magnetic property. <i>Journal of Molecular Structure</i> , 2017, 1138, 155-160.	3.6	11
13	Computational insight into asymmetric uranyl-salophen coordinated with \hat{I}^{\pm} , \hat{I}^{\pm} -unsaturated aldehydes and ketones. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4137.	3.5	11
14	Computational insight into complex structures of thorium coordination with N, N'-bis(3-allyl) Tj ETQqO O O rgBTJ /Overlock 10 Tf 50	1.8	9
15	Hydrogen bonding-tuned hydroxo-bridged tetra-copper $\text{Cu}_4(\text{bipy})_4$ -cluster supramolecular network to layered coordination polymer. <i>CrystEngComm</i> , 2020, 22, 5255-5262.	2.6	7
16	Cooperative Capture of Uranyl Ions by a Carbonyl-Bearing Hierarchical Porous Cu-Organic Framework. <i>Angewandte Chemie</i> , 2019, 131, 18984-18988.	2.0	6
17	Ligands modulated the variable binuclear $\text{Cd}_{2\text{-SBU}}$ and structures of four layered coordination frameworks. <i>CrystEngComm</i> , 2020, 22, 3965-3974.	2.6	6
18	Synthesis, Structures, and Fluorescence Properties of Dimeric Aluminum Oxo Clusters. <i>Inorganic Chemistry</i> , 2021, 60, 7089-7093.	4.0	6

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19	Metallic coordination selectivity effect in the trinuclear $M_3(RCOO)_6$ secondary building units of three layer metal-carboxylate frameworks. RSC Advances, 2016, 6, 14522-14530.	3.6	5
20	Synthesis and Selective Au(III) Adsorption of Ureido Polymers Containing Large Repeating Rings. ACS Omega, 2021, 6, 28004-28011.	3.5	5
21	A Copper-Carboxylate Layer Framework with Pseudo-Kagom� Net. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1365-1369.	1.2	3
22	Two chiral cadmium carboxylate framework isomers generated by spontaneous resolution: synthesis, structures and properties. Journal of Coordination Chemistry, 2019, 72, 251-261.	2.2	3
23	The presence of mixed-valent silver in the uranyl phenylenediphosphonate framework. New Journal of Chemistry, 2020, 44, 6037-6041.	2.8	3
24	Phenol Derivatives as Co-Crystallized Templates to Modulate Trimesic-Acid-Based Hydrogen-Bonded Organic Molecular Frameworks. Crystals, 2021, 11, 409.	2.2	3
25	Crystal structure of bis-[N,N'-bis-(3-allyl salicylidene)-o-phenylene diamine]thorium (IV), C ₅₂ H ₄₄ N ₄ O ₄ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, 521-524.	0.3	2
26	An in-situ esterification reaction in amino-alcohols coordinated aluminum oxo clusters. Inorganic Chemistry Communication, 2021, 128, 108608.	3.9	1
27	Two Unexpected Temperature-Induced Supramolecular Isomers from Multi-Topic Carboxylic Acid: Hydrogen Bonding Layer or Helix Tube. Molecules, 2021, 26, 6938.	3.8	1
28	Microfabrication of High-Aspect Ratio KNN Lead-Free Piezoceramic Pillar Arrays by Aqueous Gelcasting. Ceramics, 2020, 3, 287-296.	2.6	0