Xiao-Feng Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Phenanthrene[2]arene: synthesis and application as nonporous adaptive crystals in the separation of benzene from cyclohexane. Organic Chemistry Frontiers, 2022, 9, 3307-3311.	4.5	18
2	Phenol Derivatives as Co-Crystallized Templates to Modulate Trimesic-Acid-Based Hydrogen-Bonded Organic Molecular Frameworks. Crystals, 2021, 11, 409.	2.2	3
3	Synthesis, Structures, and Fluorescence Properties of Dimeric Aluminum Oxo Clusters. Inorganic Chemistry, 2021, 60, 7089-7093.	4.0	6
4	An in-situ esterification reaction in amino-alcohols coordinated aluminum oxo clusters. Inorganic Chemistry Communication, 2021, 128, 108608.	3.9	1
5	Synthesis and Selective Au(III) Adsorption of Ureido Polymers Containing Large Repeating Rings. ACS Omega, 2021, 6, 28004-28011.	3.5	5
6	Two Unexpected Temperature-Induced Supermolecular Isomers from Multi-Topic Carboxylic Acid: Hydrogen Bonding Layer or Helix Tube. Molecules, 2021, 26, 6938.	3.8	1
7	Hydrogen bonding-tuned hydroxo-bridged tetra-copper Cu4(bipy)4-cluster supramolecular network to layered coordination polymer. CrystEngComm, 2020, 22, 5255-5262.	2.6	7
8	Amidoxime-Functionalized Covalent Organic Nanosheets for Sequestration of Uranium In Vivo. ACS Applied Bio Materials, 2020, 3, 8731-8738.	4.6	17
9	Microfabrication of High-Aspect Ratio KNN Lead-Free Piezoceramic Pillar Arrays by Aqueous Gelcasting. Ceramics, 2020, 3, 287-296.	2.6	0
10	Ligands modulated the variable binuclear Cd₂-SBUs and structures of four layered coordination frameworks. CrystEngComm, 2020, 22, 3965-3974.	2.6	6
11	The presence of mixed-valent silver in the uranyl phenylenediphosphonate framework. New Journal of Chemistry, 2020, 44, 6037-6041.	2.8	3
12	Cooperative Capture of Uranyl Ions by a Carbonylâ€Bearing Hierarchicalâ€Porous Cuâ€“Organic Framework. Angewandte Chemie, 2019, 131, 18984-18988.	2.0	6
13	Cooperative Capture of Uranyl Ions by a Carbonylâ€Bearing Hierarchicalâ€Porous Cuâ€“Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 18808-18812.	13.8	42
14	A hydrolytically stable europiumâ€“organic framework for the selective detection of radioactive Th⁴⁺ in aqueous solution. CrystEngComm, 2019, 21, 3471-3477.	2.6	13
15	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
16	Active sites of copper-complex catalytic materials for electrochemical carbon dioxide reduction. Nature Communications, 2018, 9, 415.	12.8	527
17	Computational insight into asymmetric uranylâ€salophen coordinated with Î±, Î²â€unsaturated aldehydes and ketones. Applied Organometallic Chemistry, 2018, 32, e4137.	3.5	11
18	A novel asymmetric chair-like hydroxyl-bridged tetra-copper compound: Synthesis, supramolecular structure and magnetic property. Journal of Molecular Structure, 2017, 1138, 155-160.	3.6	11

#	Article	IF	Citations
19	Computational insight into complex structures of thorium coordination with N, Nâ€™- bis(3-allyl) Tj ETQq1 1 0.784314 rgBT /Overloc	1.8	9
20	Metallic coordination selectivity effect in the trinuclear M₃(RCOO)₆ secondary building units of three layer metalâ€“carboxylate frameworks. RSC Advances, 2016, 6, 14522-14530.	3.6	5
21	Achiral diamondoid or chiral quartz net: the effect of substituents in the topology and catenation of coordination polymers based on tetrahedral Cd(COO)4 building units. CrystEngComm, 2013, 15, 3470.	2.6	12
22	Crystal structure of bis-[N,NÂ´-bis-(3-allyl salicylidene)-o-phenylene diamine]tho rium (IV), C52H44N4O4Th. Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, 521-524.	0.3	2
23	Layer-by-layer evolution and a hysteretic single-crystal to single-crystal transformation cycle of a flexible pillared-layer open framework. Chemical Communications, 2012, 48, 133-135.	4.1	49
24	A Copperâ€Carboxylate Layerâ€Framework with Pseudoâ€ÂKagomÃ© Net. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1365-1369.	1.2	3
25	Buffering additive effect in the formation of metalâ€“carboxylate frameworks with slightly different linear M3(RCOO)6 clusters. CrystEngComm, 2011, 13, 4196.	2.6	26
26	Two temperature-induced isomers of metal-carboxylate frameworks based on different linear trinuclear Co3(RCOO)8 clusters exhibiting different magnetic behaviours. CrystEngComm, 2010, 12, 3834.	2.6	53
27	Two microporous metalâ€“organic frameworks with different topologies constructed from linear trinuclear M3(COO)n secondary building units. CrystEngComm, 2008, 10, 753.	2.6	55
28	Microwave-Assisted Solvothermal Synthesis of a Dynamic Porous Metal-Carboxylate Framework. Crystal Growth and Design, 2008, 8, 4559-4563.	3.0	76