

Xiao-Yan Tang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Platforms Formed from a Three-Dimensional Cu-Based Zwitterionic Metal-Organic Framework and Probe ss-DNA: Selective Fluorescent Biosensors for Human Immunodeficiency Virus 1 ds-DNA and Sudan Virus RNA Sequences. <i>Analytical Chemistry</i> , 2015, 87, 12206-12214.	6.5	103
2	Sequential and recyclable sensing of Fe ³⁺ and ascorbic acid in water with a terbium(III)-based metal-organic framework. <i>Dalton Transactions</i> , 2019, 48, 8911-8919.	3.3	56
3	Toward Rational Construction of Gold, Gold-Silver, and Gold-Mercury String Complexes: Syntheses, Structures, and Properties of [Au(Tab) ₂] ₂ L ₂ (L = I and PF ₆), {[(Tab) ₂ M][Au(CN) ₂]} ₂ (M = Au and Ag), and {[Hg(Tab) ₂][Au(CN) ₂]} ₂ [Tab = 4-(Trimethylammonio)benzenethiolate]. <i>Inorganic Chemistry</i> , 2006, 45, 7671-7680.	4.0	53
4	Synchronous detection of ebolavirus conserved RNA sequences and ebolavirus-encoded miRNA-like fragment based on a zwitterionic copper (II) metal-organic framework. <i>Talanta</i> , 2018, 180, 396-402.	5.5	50
5	Assembly of a New Family of Mercury(II) Zwitterionic Thiolate Complexes from a Preformed Compound [Hg(Tab) ₂](PF ₆) ₂ [Tab = 4-(Trimethylammonio)benzenethiolate]. <i>Inorganic Chemistry</i> , 2006, 45, 2568-2580.	4.0	45
6	Structural diversification and photocatalytic properties of zinc(II) polymers modified by auxiliary N-containing ligands. <i>New Journal of Chemistry</i> , 2015, 39, 7130-7139.	2.8	33
7	Reversible single-crystal-to-single-crystal conversion of a photoreactive coordination network for rewritable optical memory storage. <i>Chemical Communications</i> , 2020, 56, 1984-1987.	4.1	32
8	Assembly of a series of zinc coordination polymers based on 1,4-bis[2-(4-pyridyl)ethenyl]-2,3,5,6-tetramethylbenzene and 1,3-benzenedicarboxylate derivatives. <i>CrystEngComm</i> , 2014, 16, 6621.	2.6	30
9	Structural diversity of Zn(II) coordination polymers based on bis-imidazolyl ligands and 5-R-1,3-benzenedicarboxylate and their photocatalytic properties. <i>CrystEngComm</i> , 2016, 18, 4851-4862.	2.6	27
10	Binding of a Coordinatively Unsaturated Mercury(II) Thiolate Compound by Carboxylate Anions. <i>Inorganic Chemistry</i> , 2011, 50, 503-516.	4.0	22
11	Reactions of [Hg(Tab) ₂](PF ₆) ₂ [Tab = 4-(trimethylammonio)benzenethiolate] with NaX (X = Cl, NO ₂). <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2593-2600.	2.0	19
12	Two yttrium(III) coordination compounds containing a3-ptz or atza [a3-ptz = 5-[N-acetato(3-pyridyl)]tetrazole; atza = 5-aminotetrazole-1-acetato]. <i>Journal of Coordination Chemistry</i> , 2011, 64, 431-439.	1.1	15
13	Syntheses and Structural Characterization of Three New Alkaline Earth Metal Supramolecular Coordination Compounds Based on Atza Ligand (Atza = 5-Aminotetrazole-1-Acetato Anion). <i>Journal of Chemical Crystallography</i> , 2011, 41, 1483-1489.	1.1	11
14	Temperature-dependent chloride-mediated access to atom-precise silver thiolate nanoclusters. <i>Science China Chemistry</i> , 2022, 65, 1094-1099.	8.2	11
15	Highly efficient Cu(II)-pyrazoledicarboxylate heterogeneous catalysts for a base-free aerobic oxidation of benzylic alcohol to benzaldehyde with hydrogen peroxide as the oxidant. <i>Dalton Transactions</i> , 2020, 49, 7758-7765.	3.3	10
16	Syntheses and characterization of 2-D lanthanide complexes based on and isonicotinate N-oxide ligand. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1157-1164.	2.2	7
17	Supramolecular thermo-aero-able gelators (STAGs) for synthesis of hydrogels. <i>New Journal of Chemistry</i> , 2012, 36, 2541.	2.8	7
18	Selective Sensing of Fe ³⁺ Ions Using a Water-stable Magnesium Coordination Polymer. <i>Chemistry Letters</i> , 2019, 48, 156-158.	1.3	6

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19	Design of a MOF based on octa-nuclear zinc clusters realizing both thermal stability and structural flexibility. Chemical Communications, 2022, 58, 1139-1142.	4.1	6
20	Two linear trinuclear clusters with bridging triazole: crystal structure and magnetism. Journal of Coordination Chemistry, 2011, 64, 3291-3302.	2.2	5
21	[Cd(H ₂ O) ₆] ₆ @{Cd ₆ Cl ₄ (nico) ₁₂ [Hg(Tab) ₂ (I ^{1/4} -Cl)] ₂ a heterometallic host-guest icosidodecahedron cage via hierarchical assembly. Dalton Transactions, 2017, 46, 14724-14727.	3.3	4
22	Delivering Singlet Oxygen in Dark Condition With an Anthracene-Functionalized Semiconducting Compound for Enhanced Phototheranostics. Frontiers in Bioengineering and Biotechnology, 2022, 10, 781766.	4.1	4
23	Three polynuclear complexes with bridging triazole ligand: crystal structures. Journal of Coordination Chemistry, 2014, 67, 1573-1583.	2.2	2
24	Heterobimetallic Cluster-Based Coordination Polymers: Assembly, Structures and Third-Order Nonlinear Optical Properties. Chemistry - an Asian Journal, 2021, 16, 2674-2680.	3.3	1
25	4-Ethoxycarbonyl-N,N,N-trimethylanilinium iodide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3454-o3454.	0.2	0