Jinfang Zhang

List of Publications by Year
in descending order

68 papers	990 citations	471509 17 h-index	477307 29 g-index
69 all docs	69 docs citations	69 times ranked	940 citing authors

#	Article	IF	Citations
1	Multiresponsive water-stable luminescent Cd coordination polymer for detection of TNP and Cu2+. Sensors and Actuators B: Chemical, 2018, 272, 166-174.	7.8	101
2	Modulation of Thirdâ€Order Nonlinear Optical Properties by Backbone Modification of Polymeric Pillaredâ€Layer Heterometallic Clusters. Advanced Materials, 2008, 20, 1870-1875.	21.0	97
3	Amino-coumarin based fluorescence ratiometric sensors for acidic pH and their application for living cells imaging. RSC Advances, 2013, 3, 12204.	3.6	62
4	AIE-ligand-based luminescent Cd(<scp>ii</scp>)â€“organic framework as the first â€œturn-onâ€• Fe³⁺ sensor in aqueous medium. Journal of Materials Chemistry C, 2020, 8, 1427-1432.	5.5	61
5	Two luminescent Zn(<scp>ii</scp>)/Cd(<scp>ii</scp>) metalâ€“organic frameworks as rare multifunctional sensors. New Journal of Chemistry, 2017, 41, 8107-8117.	2.8	58
6	Syntheses, Structural, Theoretical, and Nonlinear Optical Studies of Non-Interpenetrating Three-Dimensional Nest-Shaped-Cluster [MoOS₃Cu₃]-Based Coordination Polymers. Crystal Growth and Design, 2011, 11, 100-109.	3.0	50
7	Tetrazine Chromophoreâ€Based Metalâ€“Organic Frameworks with Unusual Configurations: Synthetic, Structural, Theoretical, Fluorescent, and Nonlinear Optical Studies. Chemistry - A European Journal, 2015, 21, 7914-7926.	3.3	41
8	A Single-Bridge Strategy for Synthesis of a 3-D Heterobimetallic Cluster with a Heavily Distorted Diamondoid Topology and Enhanced Third-Order Nonlinear Optical Properties. Crystal Growth and Design, 2008, 8, 387-390.	3.0	39
9	Decanuclear Cluster-Based Metalâ€“Organic Framework with a (3,11)-Connected Topology and Highly Sensitive 2,4,6-Trinitrophenol Detection. Inorganic Chemistry, 2019, 58, 9749-9755.	4.0	37
10	Facile Syntheses and Tunable Nonâ€Linear Optical Properties of Heterothiometallic Clusters with [MS₄Ag₂] Units (M=Mo, W). Chemistry - A European Journal, 2010, 16, 13946-13950.	3.3	31
11	Ammoniumâ€“crown ether supramolecular cation-templated assembly of an unprecedented heterobiclusterâ€“metal coordination polymer with enhanced NLO properties. Chemical Communications, 2016, 52, 3797-3800.	4.1	28
12	An ultra-stable Cd coordination polymer based on double-chelated ligand for efficient dual-response of TNP and MnO4-. Sensors and Actuators B: Chemical, 2020, 317, 128230.	7.8	27
13	Solvent-induced syntheses of 2D/3D [AgSCN]n-based supramolecular isomers with unusual topologies: structural, theoretical and nonlinear optical studies. CrystEngComm, 2012, 14, 2787.	2.6	23
14	Syntheses and NLO properties of 1D heterothiometallic anionic W/S/Ag clusters possessing solvento-ytterbium cation-directed isomeric skeletons. New Journal of Chemistry, 2011, 35, 328-338.	2.8	21
15	Two mixed-ligand Cd(<scp>ii</scp>)â€“organic frameworks with unique topologies: selective luminescence sensing of TNP and Cu²⁺ ions with recyclable performances. New Journal of Chemistry, 2019, 43, 16078-16088.	2.8	20
16	Two 3D coordination assemblies with same cluster configuration showing different magnetic behaviors: a ferromagnetic {[W(CN)₈Co₂(DMF)₈][NO₃]}_nand a paramagnetic {W(CN)₈Cu₂(py)₈}_n. CrystEngComm, 2011, 13, 517-523.	2.6	19
17	Two W/S/Cu-Cluster-Containing Metalâ€“Organic Frameworks Fabricated by Multidentate Organic Ligands: New Topologies, Strong NLO Properties, and Efficient Luminescent Detection. Crystal Growth and Design, 2021, 21, 3225-3233.	3.0	18
18	A new photochromic-ligand-based luminescent coordination polymer as a MnO₄^{â^’} sensor with extremely high sensitivity and excellent selectivity. Journal of Materials Chemistry C, 2022, 10, 1672-1680.	5.5	18

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19	Metalâ€Cationâ€Directed Synthesis, Structures, and Optical Properties of Mo(W)/S(Se)/Ag Clusters: A Brief Overview. European Journal of Inorganic Chemistry, 2013, 2013, 328-346.	2.0	15
20	Waterâ€Stable Luminescent Zn(II) Metalâ€Organic Framework as Rare Multifunctional Sensor for Cr(VI) and TNP. ChemistrySelect, 2017, 2, 7465-7473.	1.5	14
21	Three AIE-ligand-based Cu(<scp>i</scp>) coordination polymers: synthesis, structures and luminescence sensing of TNP. New Journal of Chemistry, 2020, 44, 5285-5292.	2.8	13
22	Externalâ€Templateâ€Assisted Formation of Octacyanometalateâ€Based M^Vâ€“Mn^{II} (M) Tj ETQq0 0 0 rgBT /(Chemistry, 2015, 2015, 2110-2119.	2.0	11
23	Solvent-Induced Assembly of Octacyanometalates-Based Coordination Polymers with Unique afm1 Topology and Magnetic Properties. Crystal Growth and Design, 2013, 13, 5211-5219.	3.0	9
24	Three Distinct Silver(I) Coordination Polymers: Bridgingâ€Ligand Directed Syntheses, Crystal Structures, Luminescence, and Nitrobenzene Sensing Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1366-1373.	1.2	9
25	Single cyanide-bridged Mo(W)/S/Cu cluster-based coordination polymers: Reactant- and stoichiometry-dependent syntheses, effective photocatalytic properties. Journal of Solid State Chemistry, 2015, 231, 230-238.	2.9	9
26	Two distinct Cd-2,6-bip coordination polymers: Auxiliary ligand affected structures, luminescence and nitrobenzene sensing properties. Polyhedron, 2017, 123, 62-68.	2.2	9
27	A Three-Dimensional Hetero-Bimetallic Coordination Polymer with Unusual (4,5)-Connected Topology and Ferrimagnetic Property Based on Octacyanotungstate and Polydentate Ligand. Crystal Growth and Design, 2014, 14, 2288-2295.	3.0	8
28	A Unique Mixed-Valence CuII/CuI Organicâ€“Inorganic Hybrid Supramolecular Cluster: Syntheses, Crystal Structure, Luminescence and 2,4,6-Trinitrophenol Sensing Properties. Journal of Cluster Science, 2016, 27, 1353-1364.	3.3	8
29	catena-Poly[[tetrakis(hexamethylphosphoramide-κO)bis(nitrato-κ2O,Oâ€²)dysprosium(III)] [molybdenum(VI)-di-μ-sulfido-silver(I)-di-μ-sulfido]]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1479-m1479.	0.2	7
30	Solvent-induced syntheses of three heterothiometallic W/S/Cu cluster-based coordination polymers with isomeric architectures and effective photocatalytic properties. Transition Metal Chemistry, 2015, 40, 405-412.	1.4	7
31	Two 4â€²-(4-carboxyphenyl)-3,2â€²:6â€²,3â€³-terpyridine-based luminescent Zn(II) coordination polymers for detection of 2,4,6-trinitrophenol. Polyhedron, 2019, 169, 51-57.	2.2	7
32	Dicarboxylic ligands directing two Zn(II)-organic frameworks with distinct structures and significantly enhanced luminescence detection performances. Dyes and Pigments, 2021, 196, 109760.	3.7	7
33	catena-Poly[[tetrakis(hexamethylphosphoramide-κO)bis(nitrato-κ2O,Oâ€²)samarium(III)] [silver(I)-di-μ-sulfido-tungstate(VI)-di-μ-sulfido]]. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1365-m1365.	0.2	6
34	Naphthalene/anthracene chromophore-based W/S/Cu cluster-organic frameworks with adjustable Fe3+ sensing properties. Journal of Solid State Chemistry, 2021, 298, 122123.	2.9	6
35	catena-Poly[[tetrakis(hexamethylphosphoramide-κO)bis(nitrato-κ2O,Oâ€²)yttrium(III)] [silver(I)-di-μ-sulfido-molybdenum(VI)-di-μ-sulfido]]. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1206-m1207.	0.2	5
36	Synthesis, Crystal Structure, Theoretical Study, Thermal Behavior, and Luminescence Property of A Bromideâ€Bridged Silver(I) Complex with 4, 4â€²â€Bipyridine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 974-979.	1.2	5

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37	A supra-cubane-like Mo/S/Cu cluster: Cation-directed synthesis, crystal structure and nonlinear optical property. Polyhedron, 2015, 101, 1-5.	2.2	5
38	Two distinct dimeric heterothiometallic W/S/Cu clusters: syntheses, crystal structures, and photocatalytic properties. Polyhedron, 2015, 92, 93-98.	2.2	5
39	A new Zn^{II} coordination polymer based on 4-(pyridin-4-yl)benzoic and formic acids: in-situ synthesis, crystal structure and luminescence properties. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1133-1137.	0.5	5
40	Two Zn(II)-organic frameworks based on â€œVâ€•shaped terpyridine ligand and dicarboxylic ligands: Fascinating architectures and efficient luminescent aqueous-phase dual-responsive detection. Journal of Solid State Chemistry, 2021, 294, 121849.	2.9	5
41	Hexakis(dimethyl sulfoxide-ÎºO)calcium Î¼₆-oxido-dodecakis-Î¼₂-oxido-hexaoxidohexatungstate(VI). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m702-m702.	0.2	4
42	catena-Poly[[tetrakis(hexamethylphosphoramide-ÎºO)bis(nitrato-Îº²) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Section E: Structure Reports Online, 2012, 68, m770-m771.	0.2	4
43	An Eicosanuclear Heterothiometallic Mo/S/Cu Cluster: Synthesis and Third-Order Nonlinear Optical Property. Journal of Cluster Science, 2018, 29, 385-390.	3.3	4
44	A 4â€²-(4-carboxyphenyl)-3,2â€²:6â€²,3â€²â€²-terpyridine-based luminescent cadmium(II) coordination polymer for the detection of 2,4,6-trinitrophenol. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 508-513.	0.5	4
45	Auxiliary ligand-induced structural diversities of octacyanometalate-based heterobimetallic coordination polymers towards diverse magnetic properties. Dalton Transactions, 2019, 48, 7666-7676.	3.3	4
46	A twofold interwoven two-dimensionalâ†'two-dimensional (2-Dâ†'2-D) clusterâ€“organic network based on the [Cu₂I₂] cluster and the 4,4â€²-(diazenediyl)dipyridine ligand: poly[[Î¼₂-4,4â€²-(diazenediyl)dipyridine]-Î¼₂-iodido-copper(I)]. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 123-126.	0.4	3
47	Construction of two unique W/S/Cu cluster-based coordination polymers affected by pseudohalogen ligands. Polyhedron, 2016, 107, 68-77.	2.2	3
48	In situ formed [M(CN)₉] (M = W, Mo) as a building block for the construction of two nona-cyanometalate-bridged heterometallic coordination polymers. CrystEngComm, 2019, 21, 4363-4372.	2.6	3
49	A naphthalene-chromophore-based luminescent Zn(II)-organic framework as efficient TNP sensor. Polyhedron, 2021, 205, 115313.	2.2	3
50	A Unique Cd4-Cluster-Based Coordination Polymer with Efficient Luminescent Detection of 2,4,6-Trinitrophenol and MnO4â¯. Journal of Cluster Science, 2023, 34, 943-951.	3.3	3
51	catena-Poly[[tetrakis(hexamethylphosphoramide-ÎºO)bis(nitrato-Îº² O,Oâ€²)terbium(III)] [silver(I)-di-Î¼-sulfido-tungstate(VI)-di-Î¼-sulfido]]. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m843-m844.	0.2	2
52	Synthesis, Crystal Structure, Theoretical Study, and Luminescence Property of a Copper(I) Complex with Dipyrido[3,2-f:2â€²,3â€²-h]-quinoxaline. Molecular Crystals and Liquid Crystals, 2014, 605, 187-196.	0.9	2
53	A Water-Stable Luminescent W/S/Cu Heterothiometallic Cluster for Detection of TNP. Journal of Cluster Science, 2020, 31, 1383-1388.	3.3	2
54	Two 1,2,4,5-tetra(4-pyridyl)benzene-based Zn(II)-organic frameworks: Structures and luminescence sensing property. Polyhedron, 2020, 182, 114484.	2.2	2

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55	An Unusual Luminescent Mo/S/Cu Cluster-Based Metalâ€“Organic Framework for Efficient Detection of TNP. Journal of Cluster Science, 2021, 32, 279-285.	3.3	2
56	catena-Poly[[bis[(dicyanamido)silver(I)](Agâ€”Ag)]-Î¼₂-4,4â€²-bipyridine-Îº²:N: Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1703-m1703.	0.2	2
57	catena-Poly[[bis(dimethylformamide-ÎºO)cadmium(II)]-di-Î¼2-dicyanamido-Îº4N1:N5]. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1550-m1550.	0.2	2
58	catena-Poly[[[(triphenylphosphane)copper(I)]-di-Î¼-iodido-[(triphenylphosphane)copper(I)]-Î¼-[3,6-bis(4-pyridyl)-1,2,4,5-tetrazine]] acetonitrile disolvate]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1480-m1480.	0.2	1
59	Synthesis, Crystal Structure, Theoretical Study, and Luminescence Spectroscopy of A W/Cu/S Cluster with 1, 10â€Phenanthroline. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2212-2216.	1.2	1
60	Two Distinct Dimeric Heterothiometallic W/S/Cu Clusters with Effective Photocatalystic Property. Journal of Cluster Science, 2015, 26, 1857-1872.	3.3	1
61	Four distinct anionic heterothiometallic W/S/Ag polymeric clusters directed by solvent-coordinated metal cations. Polyhedron, 2016, 109, 67-74.	2.2	1
62	Ionothermal Synthesis of Two New Thioantimonates with Transition Metal Regulation. Journal of Cluster Science, 2022, 33, 1457-1465.	3.3	1
63	Two unusual metal-organic frameworks based on W/S/Cu clusters and Tetrakis(4-pyridyl)benzene: Enhanced nonlinear optics and efficient luminescence sensing. Journal of Solid State Chemistry, 2021, 301, 122349.	2.9	1
64	Innentitelbild: Dodecanuclear-Ellipse and Decanuclear-Wheel Nickel(II) Thiolato Clusters with Efficient Femtosecond Nonlinear Absorption (Angew. Chem. 25/2010). Angewandte Chemie, 2010, 122, 4240-4240.	2.0	0
65	Inside Cover: Dodecanuclear-Ellipse and Decanuclear-Wheel Nickel(II) Thiolato Clusters with Efficient Femtosecond Nonlinear Absorption (Angew. Chem. Int. Ed. 25/2010). Angewandte Chemie - International Edition, 2010, 49, 4146-4146.	13.8	0
66	Synthetically tuned structural variations in coordination polymers based on dicyanamide toward diverse physical properties. Molecular Crystals and Liquid Crystals, 2018, 665, 181-193.	0.9	0
67	Unique Cluster-Metal Framework Constructed by Multidentate N-Donating Ligand for TNP Detection. Journal of Cluster Science, 0, , 1.	3.3	0
68	Multinary Thioantimonates(III) with d10 Transition Metals: Ionothermal Synthesis, Crystal Structures and Physical Properties. Journal of Cluster Science, 0, , 1.	3.3	0