

Wei-Qiu Kan

List of Publications by Year in descending order

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42
papers

1,635
citations

279798

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1293
citing authors

#	ARTICLE	IF	CITATIONS
1	Three Co(II)-containing coordination polymers displaying solvent determined entanglement structures and different ammonia and amines selective sensing properties. <i>Journal of Solid State Chemistry</i> , 2022, 308, 122889.	2.9	5
2	Synthesis, structure, fluorescence and electrochemical properties of a new Zn(II)-organic framework constructed by a tricarboxylic acid ligand. <i>New Journal of Chemistry</i> , 2019, 43, 13635-13641.	2.8	8
3	Three coordination polymers constructed from a multidentate N-donor ligand, polycarboxylate anions and Zn(II)/Ag(I)/Mn(II) ions: synthesis, structures, characterization and pH-dependent photoluminescence. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2021-2029.	2.2	2
4	A novel coordination polymer based on a new multidentate ligand: synthesis, structure and properties. <i>CrystEngComm</i> , 2019, 21, 7166-7171.	2.6	11
5	A series of host-guest coordination polymers containing viologens: syntheses, crystal structures, thermo/photochromism and factors influencing their thermo/photochromic behaviors. <i>Dalton Transactions</i> , 2019, 48, 17770-17779.	3.3	48
6	An iodine-containing metal-organic framework: Synthesis, structure and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2018, 89, 64-67.	3.9	6
7	A novel metal-organic framework based on hexanuclear Co(μ_3) clusters as an anode material for lithium-ion batteries. <i>CrystEngComm</i> , 2018, 20, 5576-5582.	2.6	13
8	A pH-controlled fluorescent sensor and logic gate based on a 1D \rightarrow 2D \rightarrow 3D Cd(II)-containing coordination polymer. <i>Polyhedron</i> , 2017, 128, 169-174.	2.2	7
9	A fluorescent coordination polymer for selective sensing of hazardous nitrobenzene and dichromate anion. <i>Dyes and Pigments</i> , 2017, 139, 372-380.	3.7	42
10	Two novel Co(II)-based coordination polymers with hms and pcu nets: syntheses, structures and properties. <i>Inorganic Chemistry Communication</i> , 2017, 86, 78-81.	3.9	10
11	Two octamolybdate-based coordination polymers with high photocatalytic activities under visible light irradiation. <i>Inorganic Chemistry Communication</i> , 2017, 86, 90-93.	3.9	2
12	Design of coordination polymers with high anodic capabilities for Li-ion batteries. <i>Polyhedron</i> , 2017, 137, 278-283.	2.2	10
13	A luminescent Zn(II)-based coordination polymer constructed by 5-((4-carboxyphenoxy)methyl)benzene-1,3-dioic acid and 4,4'-bipyridine for selective sensing of Fe ³⁺ . <i>Polyhedron</i> , 2017, 134, 330-335.	2.2	14
14	Viologen-Based Photochromic Coordination Polymers for Inkless and Erasable Prints. <i>Inorganic Chemistry</i> , 2017, 56, 14926-14935.	4.0	90
15	A Zn(II)-Containing Coordination Polymer: Synthesis, Crystal Structure and pH Fluorescent Sensing. <i>Crystal Research and Technology</i> , 2017, 52, 1700105.	1.3	8
16	A novel organotriphosphoryl polyoxomolybdate: Synthesis, crystal structure, and experimental and theoretical investigation of the absorption spectra. <i>Inorganic Chemistry Communication</i> , 2016, 71, 15-18.	3.9	0
17	Photocatalytic Properties and Luminescent Sensing for Cr ³⁺ Cations of Polyoxovanadates-Based Inorganic-Organic Hybrid Compounds with Multiple Lewis Basic Sites. <i>Crystal Growth and Design</i> , 2016, 16, 265-276.	3.0	52
18	Synthesis, structure and properties of a novel 3D pentanuclear [Zn ₅ (OH) ₂] ⁸⁺ cluster-based (3,4,11)-connected coordination polymer. <i>Inorganic Chemistry Communication</i> , 2015, 61, 85-88.	3.9	4

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19	A novel three-dimensional chiral (3,8,9)-connected framework: Synthesis, structure, optical band gap and photoluminescence. <i>Inorganic Chemistry Communication</i> , 2015, 52, 12-15.	3.9	4
20	Four polyoxometalate-based semiconductive coordination polymers: Syntheses, structures, photoluminescent and photocatalytic properties. <i>Synthetic Metals</i> , 2014, 198, 51-58.	3.9	18
21	Three new inorganic-organic hybrid compounds constructed from two kinds of octamolybdate clusters and flexible multidentate N-donor ligand: syntheses, structures, electrochemistry, luminescence, and photocatalytic properties. <i>CrystEngComm</i> , 2013, 15, 5844.	2.6	36
22	A series of MOFs based on a tricarboxylic acid and various N-donor ligands: syntheses, structures, and properties. <i>CrystEngComm</i> , 2013, 15, 6986.	2.6	50
23	Iodine-templated assembly of an In(III) complex with a single-crystal-to-single-crystal transition. <i>CrystEngComm</i> , 2013, 15, 7406.	2.6	16
24	2D and 3D coordination polymers constructed by a novel hexakis(1,2,4-triazol-ylmethyl)benzene ligand and different carboxylate anions: syntheses, structures, and luminescent properties. <i>CrystEngComm</i> , 2013, 15, 2009.	2.6	32
25	An ideal metal-organic rhombic dodecahedron for highly efficient adsorption of dyes in an aqueous solution. <i>CrystEngComm</i> , 2013, 15, 848-851.	2.6	52
26	A Series of 1D, 2D, and 3D Coordination Polymers Based on Flexible 3-Carboxy-1-Carboxymethyl-2-Oxidopyridinium and Different N-Donor Ligands Syntheses, Structures, and Luminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 280-292.	2.6	27
27	A series of coordination polymers assembled from d10 metals and a new multidentate N-donor ligand: syntheses, structures, and photoluminescent properties. <i>CrystEngComm</i> , 2013, 15, 3824.	2.6	22
28	A series of Cu(II) and Cd(II) coordination polymers constructed by 3,5-dinitrosalicylic acid and flexible bis(triazole) ligands containing different spacers. <i>CrystEngComm</i> , 2013, 15, 4357.	2.6	33
29	Series of Inorganic-Organic Hybrid Materials Constructed From Octamolybdates and Metal-Organic Frameworks: Syntheses, Structures, and Physical Properties. <i>Inorganic Chemistry</i> , 2012, 51, 11266-11278.	4.0	96
30	A series of coordination polymers based on 5-(2-carboxybenzyloxy) isophthalic acid and bis(imidazole) ligands: syntheses, topological structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 2316.	2.6	65
31	A series of coordination polymers based on flexible 5-carboxy-1-(4-carboxybenzyl)-2-oxidopyridinium and structurally related N-donor ligands: syntheses, structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 6004.	2.6	20
32	0D, 2D and 3D metal phosphonates assembled from a new 2-carboxybiphenyl-4-ylmethylphosphonic acid: Syntheses, topological structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 2268.	2.6	37
33	A series of coordination polymers based on a multidentate N-donor ligand and different polycarboxylate anions: syntheses, structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 6271.	2.6	48
34	Effect of organic anions on the self-assembly of Zn(II)-containing coordination polymers based on trigonal N-donor ligands. <i>CrystEngComm</i> , 2012, 14, 6934.	2.6	24
35	A series of coordination polymers based on 5,5-(ethane-1,2-diyl)-bis(oxy)diisophthalic acid and structurally related N-donor ligands: syntheses, structures and properties. <i>CrystEngComm</i> , 2012, 14, 286-299.	2.6	34
36	Inorganic-organic hybrid compounds based on octamolybdates and multidentate N-donor ligand: syntheses, structures, photoluminescence and photocatalysis. <i>Dalton Transactions</i> , 2012, 41, 11062.	3.3	43

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37	Syntheses, Structures, and Photoluminescent Properties of 12 New Metal-Organic Frameworks Constructed by a Flexible Dicarboxylate and Various N-Donor Ligands. <i>Crystal Growth and Design</i> , 2012, 12, 2397-2410.	3.0	129
38	A Series of Highly Connected Metal-Organic Frameworks Based on Triangular Ligands and d^{10} Metals: Syntheses, Structures, Photoluminescence, and Photocatalysis. <i>Crystal Growth and Design</i> , 2012, 12, 2288-2298.	3.0	257
39	Solid-state single-crystal-to-single-crystal transformation from a 2D layer to a 3D framework mediated by lattice iodine release. <i>Chemical Communications</i> , 2012, 48, 7859.	4.1	72
40	Syntheses, structures and photoluminescent properties of a series of metal-organic frameworks based on a flexible tetracarboxylic acid and different bis(imidazole) ligands. <i>CrystEngComm</i> , 2011, 13, 4256.	2.6	72
41	Syntheses, structures, and photoluminescence of five silver(I) coordination polymers based on tetrakis(imidazol-1-ylmethyl)methane. <i>CrystEngComm</i> , 2011, 13, 5877.	2.6	61
42	pH-Dependent assembly of two octamolybdate hybrid materials: A self-threading CdSO ₄ -type framework and a 3D 4-connected framework. <i>CrystEngComm</i> , 2011, 13, 7037.	2.6	55