

# Wei-Qiu Kan

## List of Publications by Year in descending order

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42  
papers

1,635  
citations

279798

23  
h-index

276875

41  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1293  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Series of Highly Connected Metal-Organic Frameworks Based on Triangular Ligands and $10^+$ Metals: Syntheses, Structures, Photoluminescence, and Photocatalysis. <i>Crystal Growth and Design</i> , 2012, 12, 2288-2298.	3.0	257
2	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
3	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
4	Viologen-Based Photochromic Coordination Polymers for Inkless and Erasable Prints. <i>Inorganic Chemistry</i> , 2017, 56, 14926-14935.	4.0	90
5	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
6	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
7	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
8	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
9	pH-Dependent assembly of two octamolybdate hybrid materials: A self-threading CdSO <sub>4</sub> -type framework and a 3D 4-connected framework. <i>CrystEngComm</i> , 2011, 13, 7037.	2.6	55
10	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
11	Photocatalytic Properties and Luminescent Sensing for Cr <sup>3+</sup> 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
12	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
13	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
14	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
15	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
16	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
17	0D, 2D and 3D metal phosphonates assembled from a new $\epsilon^2$ -carboxybiphenyl-4-ylmethylphosphonic acid: Syntheses, topological structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 2268.	2.6	37
18	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

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19	A series of coordination polymers based on 5,5-ethene-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
20	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
21	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
22	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, 2013, 280-292.	2.6	27
23	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
24	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
25	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
26	Four polyoxometalate-based semiconductive coordination polymers: Syntheses, structures, photoluminescent and photocatalytic properties. <i>Synthetic Metals</i> , 2014, 198, 51-58.	3.9	18
27	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
28	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 <sup>3+</sup> . <i>Polyhedron</i> , 2017, 134, 330-335.	2.2	14
29	A novel metal-organic framework based on hexanuclear Co( $\mu_3$ ) clusters as an anode material for lithium-ion batteries. <i>CrystEngComm</i> , 2018, 20, 5576-5582.	2.6	13
30	A novel coordination polymer based on a new multidentate ligand: synthesis, structure and properties. <i>CrystEngComm</i> , 2019, 21, 7166-7171.	2.6	11
31	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
32	Design of coordination polymers with high anodic capabilities for Li-ion batteries. <i>Polyhedron</i> , 2017, 137, 278-283.	2.2	10
33	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
34	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
35	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
36	An iodine-containing metal-organic framework: Synthesis, structure and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2018, 89, 64-67.	3.9	6

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37	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
38	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
39	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
40	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
41	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
42	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