

# Xiu-Li Wang

## List of Publications by Citations

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#	Paper	IF	Citations
162	Structural Diversities and Fluorescent and Photocatalytic Properties of a Series of CuII Coordination Polymers Constructed from Flexible Bis-pyridyl-bis-amide Ligands with Different Spacer Lengths and Different Aromatic Carboxylates. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 3561-3576	3.5	130
161	Self-assembly of nanometre-scale metallacalix[4]arene building blocks and Keggin units to a novel (3,4)-connected 3D self-penetrating framework. <i>Chemical Communications</i> , <b>2010</b> , 46, 6485-7	5.8	126
160	Three Novel Cd(II) Metal-Organic Frameworks Constructed from Mixed Ligands of Dipyrido[3,2-d:2',1'-f]quinoxaline and Benzene-dicarboxylate: From a 1-D Ribbon, 2-D Layered Network, to a 3-D Architecture. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 1086-1091	3.5	122
159	Unprecedented application of flexible bis(pyridyl-tetrazole) ligands to construct helix/loop subunits to modify polyoxometalate anions. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 7118-29	5.1	115
158	Application of tetrazole-functionalized thioethers with different spacer lengths in the self-assembly of polyoxometalate-based hybrid compounds. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 10299-306	5.1	111
157	Inorganic-organic hybrid polyoxometalate nanoparticle modified wax impregnated graphite electrode: preparation, electrochemistry and electrocatalysis. <i>Journal of Electroanalytical Chemistry</i> , <b>2002</b> , 523, 142-149	4.1	105
156	Renewable PMo12-Based Inorganic-Organic Hybrid Material Bulk-Modified Carbon Paste Electrode: Preparation, Electrochemistry and Electrocatalysis. <i>Electroanalysis</i> , <b>2002</b> , 14, 1116-1121	3	102
155	Coordination Behavior of 5,6-Substituted 1,10-Phenanthroline Derivatives and Structural Diversities by Coligands in the Construction of Lead(II) Complexes. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 2174-2184	3.5	100
154	Zn(II) coordination architectures with mixed ligands of dipyrido[3,2-d:2',1'-f]quinoxaline/2,3-di-2-pyridylquinoxaline and benzenedicarboxylate: syntheses, crystal structures, and photoluminescence properties. <i>CrystEngComm</i> , <b>2008</b> , 10, 349-356	3.3	100
153	Organic-Inorganic Hybrids Constructed from Mixed-Valence Multinuclear Copper Complexes and Templated by Keggin Polyoxometalates. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 1273-1281	3.5	96
152	Preparation, electrochemical property and application in chemically bulk-modified electrode of a hybrid inorganic-organic silicomolybdate nanoparticles. <i>Materials Letters</i> , <b>2002</b> , 56, 393-396	3.3	86
151	Effect of flexible bis-pyridyl-bis-amide ligands and dicarboxylates on the assembly and properties of multifunctional Cu(II) metal-organic coordination polymers. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8375-86	4.3	85
150	Inserting -(CH2)n- (n = 2, 3, 4) Spacers into the Reactant Mercapto-methyltetrazole Ligand for Tuning the Multinuclear AgI Clusters in Keggin-Based Compounds. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 2346-2354	3.5	78
149	Influence of Transition Metal Coordination Nature on the Assembly of Multinuclear Subunits in Polyoxometalates-Based Compounds. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 4786-4794	3.5	68
148	Construction and properties of cobalt(II)/copper(II) coordination polymers based on N-donor ligands and polycarboxylates mixed ligands. <i>RSC Advances</i> , <b>2014</b> , 4, 62430-62445	3.7	67
147	Renewable New Copper Complex Bulk-Modified Carbon Paste Electrode: Preparation, Electrochemistry, and Electrocatalysis. <i>Electroanalysis</i> , <b>2008</b> , 20, 1055-1060	3	65
146	Various Polycarboxylate-Directed Cd(II) Coordination Polymers Based on a Semirigid Bis-pyridyl-bis-amide Ligand: Construction and Fluorescent and Photocatalytic Properties. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 483-496	3.5	63

145	Assembly and photocatalysis of two novel 3D Anderson-type polyoxometalate-based metal-organic frameworks constructed from isomeric bis(pyridylformyl)piperazine ligands. <i>Dalton Transactions</i> , <b>2014</b> , 43, 12272-8	4.3	62
144	Tuning the architectures of polyoxometalate-templated complexes by changing the spacer lengths of bis-pyridyl-bis-amide ligands (L): from 1D chains to 2D networks based on different (CuL) <sub>n</sub> loops. <i>CrystEngComm</i> , <b>2012</b> , 14, 5836	3.3	62
143	Polyoxoanion-enveloped Ag/ptz inorganic/organic hybrid system: From a single to a double template. <i>CrystEngComm</i> , <b>2012</b> , 14, 3220	3.3	60
142	Assembly of Zn/Cd coordination polymers containing helices or polycatenane structures tuned by the tri-pyridyl/bis-amide ligands with different spacer: syntheses, structures, photoluminescent and photocatalytic properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 1960	3.3	59
141	Polycarboxylate-directed various Co(II) complexes based on a V-like bis-pyridyl-bis-amide derivative: construction, electrochemical and photocatalytic properties. <i>CrystEngComm</i> , <b>2015</b> , 17, 7290-7299	3.3	57
140	An unprecedented extended architecture constructed from a 2-D interpenetrating cationic coordination framework templated by SiW <sub>12</sub> O <sub>40</sub> <sup>4-</sup> anion. <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 556-561	3.3	55
139	Transition metal carboxylate coordination polymers with amide-bridged polypyridine co-ligands: assemblies and properties. <i>CrystEngComm</i> , <b>2015</b> , 17, 3887-3907	3.3	54
138	Ligand-controlled assembly of Cd(II) coordination polymers based on mixed ligands of naphthalene-dicarboxylate and dipyrido[3,2-d:2',3'-f]quinoxaline: From 0D+1D cocrystal, 2D rectangular network (4,4), to 3D PtS-type architecture. <i>Journal of Solid State Chemistry</i> , <b>2009</b> , 182, 566-573	3.3	54
137	Three new two-dimensional metal-organic coordination polymers derived from bis(pyridinecarboxamide)-1,4-benzene ligands and 1,3-benzenedicarboxylate: Syntheses and electrochemical property. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 2313-2321	2.3	54
136	A series of Anderson-type polyoxometalate-based metal-organic complexes: their pH-dependent electrochemical behaviour, and as electrocatalysts and photocatalysts. <i>Dalton Transactions</i> , <b>2016</b> , 45, 12465-78	4.3	47
135	Architectural chemistry of polyoxometalate-based coordination frameworks constructed from flexible N-donor ligands. <i>RSC Advances</i> , <b>2015</b> , 5, 41155-41168	3.7	46
134	An Effective Strategy To Construct Novel Polyoxometalate-Based Hybrids by Deliberately Controlling Organic Ligand Transformation In Situ. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6384-93	5.1	46
133	Two polyoxometalate-directed 3D metal-organic frameworks with multinuclear silver-ptz cycle/belts as subunits. <i>Dalton Transactions</i> , <b>2013</b> , 42, 14856-65	4.3	45
132	pH and amine-induced various octamolybdate-based metal-organic complexes: assembly, structures and properties. <i>Dalton Transactions</i> , <b>2014</b> , 43, 2052-60	4.3	42
131	Electrocatalytic and Hg Fluorescence Identifiable Bifunctional Sensors for a Series of Keggin Compounds. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 4190-4200	5.1	41
130	A Stable 3D Zn-Coordination Polymer Sensor Based on Dual Luminescent Ligands for Efficient Detection of Multiple Analytes under Acid or Alkaline Environment. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 15495-15503	5.1	41
129	Keggin POM-based 3D framework tuned by silver polymeric motifs: structural influences of tetrazolate functional groups. <i>CrystEngComm</i> , <b>2012</b> , 14, 8509	3.3	39
128	The key role of -CH <sub>3</sub> steric hindrance in bis(pyrazolyl) ligand on polyoxometalate-based compounds. <i>Dalton Transactions</i> , <b>2014</b> , 43, 8405-13	4.3	38

127	A series of novel Anderson-type polyoxometalate-based MnII complexes constructed from pyridyl-derivatives: assembly, structures, electrochemical and photocatalytic properties. <i>CrystEngComm</i> , <b>2017</b> , 19, 3167-3177	3.3	36
126	Role of aromatic dicarboxylates in the structural diversity of cobalt(II) and copper(II) coordination polymers containing a flexible N,N'-di(3-pyridyl)octanediamide ligand. <i>CrystEngComm</i> , <b>2013</b> , 15, 7274	3.3	35
125	Systematic Investigation of Reaction-Time Dependence of Three Series of Copper-Lanthanide/Lanthanide Coordination Polymers: Syntheses, Structures, Photoluminescence, and Magnetism. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 16219-28	4.8	35
124	A series of organopolymolybdate polymers linked by dual fuses: metal-organic moiety and organic ligand through Mo-N bonds. <i>CrystEngComm</i> , <b>2011</b> , 13, 6680	3.3	35
123	A novel copper(II) complex constructed with mixed ligands of biphenyl-4,4'-dicarboxylic acid (H2bpdc) and dipyrido[3,2-d:2',3'-f]quinoxaline (Dpq): Synthesis, structure, electrochemistry and electrocatalysis. <i>Solid State Sciences</i> , <b>2009</b> , 11, 643-650	3.4	35
122	Assembly of copper-tetrazole frameworks with role-changeable Keggin clusters: syntheses, structures, solvent-dependent luminescence and electrochemistry properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 7199	3.3	34
121	Three multi-nuclear clusters and one infinite chain induced by a pendant 4-butyl-1H-pyrazole ligand for modification of Keggin anions. <i>Dalton Transactions</i> , <b>2015</b> , 44, 386-94	4.3	32
120	The various architectures and properties of a series of coordination polymers tuned by the central metals. <i>Dalton Transactions</i> , <b>2014</b> , 43, 8072-82	4.3	32
119	Two novel Anderson-type polyoxometalate-based metal-organic complexes with high-efficiency photocatalysis towards degradation of organic dyes under UV and visible light irradiation. <i>RSC Advances</i> , <b>2015</b> , 5, 14020-14026	3.7	32
118	An unprecedented double-bridging interpenetrating 3D network based on a new heterometallic cluster {Cu4Mo6}. <i>Dalton Transactions</i> , <b>2011</b> , 40, 31-4	4.3	29
117	Solvent-controlled synthesis of various Anderson-type polyoxometalate-based metal-organic complexes with excellent capacity for the chromatographic separation of dyes. <i>CrystEngComm</i> , <b>2018</b> , 20, 51-62	3.3	29
116	Novel Anderson-type [TeMo6O24](6-)-based metal-organic complexes tuned by different species and their coordination modes: assembly, various architectures and properties. <i>Dalton Transactions</i> , <b>2016</b> , 45, 2709-19	4.3	27
115	Highly efficient usage of the hydrothermal technique through the one-pot method to construct four Keggin-based compounds containing pendent ligands. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10499-507	4.3	26
114	Various Cd(II) coordination polymers induced by carboxylates: multi-functional detection of Fe, anions, aspartic acids and bovine serum albumin. <i>Dalton Transactions</i> , <b>2020</b> , 49, 737-749	4.3	26
113	Three novel and various isopolymolybdate-based hybrids built from the carboxyl oxygen atoms of in situ ligands: substituent-tuned assembly, architectures and properties. <i>Dalton Transactions</i> , <b>2017</b> , 46, 1965-1974	4.3	24
112	Two Cu(II) coordination polymers based on a flexible bis(pyridyl-tetrazole): Solvent-ratio induced various structures and distinct adsorption performance for organic dyes. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 464, 114-118	2.7	23
111	pH-dependent two novel 3D polynuclear cobalt(II) cluster-based metal-organic frameworks constructed from a tri-pyridyl-bis-amide and a polycarboxylate: assembly, structures and properties. <i>RSC Advances</i> , <b>2013</b> , 3, 13944	3.7	23
110	Multi-functional photoelectric sensors based on a series of isopolymolybdate-based compounds for detecting different ions. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3882-3894	6.8	23

109	A novel cadmium metalorganic framework-based multiresponsive fluorescent sensor demonstrating outstanding sensitivities and selectivities for detecting NB, Fe <sup>3+</sup> ions and CrO <sub>4</sub> <sup>2-</sup> anions. <i>CrystEngComm</i> , <b>2020</b> , 22, 6626-6631	3.3	23
108	A series of metalorganic loops templated by [SiMo <sub>12</sub> O <sub>40</sub> ] <sup>4-</sup> and [Mo <sub>8</sub> O <sub>26</sub> ] <sup>4-</sup> anions using double chelating ligands: amperometric sensing and selective photocatalytic properties. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 9980-9988	3.6	22
107	pH, solvent and metal ion induced octamolybdate-based metalorganic complexes decorated with a pyridyl-carboxylate ligand containing an amide group. <i>CrystEngComm</i> , <b>2016</b> , 18, 888-897	3.3	22
106	A Series of Polyoxometalate-Based MetalBis(pyridyl-tetrazole) Complexes with High Electrocatalytic Activity for Hydrogen Evolution Reaction in Alkaline and Acid Media. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 15696-15702	8.3	22
105	Subtly tuning one N site of benzyl-1H-triazole ligands to build mono-nuclear subunits and tri-nuclear clusters to modify polyoxometalates. <i>CrystEngComm</i> , <b>2015</b> , 17, 5569-5578	3.3	21
104	Three new POM-based compounds constructed by rigid thiabendazole and flexible bis(pyrazole) ligands: structures and properties for Hg(2+) recognition. <i>Dalton Transactions</i> , <b>2015</b> , 44, 16486-93	4.3	21
103	pH-tuned diverse structures and properties: two Anderson-type polyoxometalate-based metalorganic complexes for selective photocatalysis and adsorption of organic dyes. <i>RSC Advances</i> , <b>2016</b> , 6, 110583-110591	3.7	21
102	Various polyoxomolybdate-based hybrids induced by pH and solvents: structures, adsorption activities for dyes and bifunctional electrocatalytic properties. <i>Dalton Transactions</i> , <b>2017</b> , 46, 16580-16588	4.3	21
101	Various Anderson-type polyoxometalate-based metal-organic complexes induced by diverse solvents: assembly, structures and selective adsorption for organic dyes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 1265-1275	4.3	21
100	Metal ions induced various polymolybdate-based metalorganic complexes with a pyridyl-amide-carboxylate ligand: Synthesis, structures and selective separation of cationic dyes. <i>Polyhedron</i> , <b>2017</b> , 126, 92-99	2.7	20
99	Polyoxometalate-directed assembly and various structures of inorganicorganic hybrid compounds based on a semi-rigid bis-pyridyl-bis-amide. <i>CrystEngComm</i> , <b>2015</b> , 17, 7038-7047	3.3	20
98	A novel polyoxometalate templated microporous metalorganic framework with electrochemical properties. <i>RSC Advances</i> , <b>2015</b> , 5, 35535-35540	3.7	20
97	Diverse polyoxometalate-based metalorganic complexes constructed by a tetrazole- and pyridyl-containing asymmetric amide ligand or its in situ transformed ligand. <i>CrystEngComm</i> , <b>2016</b> , 18, 5101-5109	3.3	19
96	Various types of isopolymolybdate-based metalorganic complexes formed in different conditions: synthesis, structures, luminescence, electrochemical, and photocatalytic performances. <i>CrystEngComm</i> , <b>2019</b> , 21, 6472-6481	3.3	19
95	Application of flexible bis-pyrazinebis-amide ligands to construct various polyoxometalate-based metalorganic complexes. <i>RSC Advances</i> , <b>2015</b> , 5, 56687-56696	3.7	18
94	Coordination Polymers Based on Organicorganic Hybrid Rigid Rod Comprising a Backbone of Anderson-Evans POMs. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 925-931	3.5	18
93	Multifunctional fluorescence responses of phenyl-amide-bridged d <sub>10</sub> coordination polymers structurally regulated by dicarboxylates and metal ions. <i>CrystEngComm</i> , <b>2020</b> , 22, 7952-7961	3.3	17
92	Novel polyoxometalate-based cobalt complexes based on rigid pyridyl-triazole-tetrazole and pyridyl-bis(triazole) ligands. <i>CrystEngComm</i> , <b>2018</b> , 20, 6438-6448	3.3	17

91	Polycarboxylate-directed semi-rigid pyridyl-amide-based various Ni complexes: electrochemical properties and enhancements of photocatalytic activities by calcination. <i>Dalton Transactions</i> , <b>2018</b> , 47, 9903-9911	4.3	17
90	Introduction of secondary pyridyl-1H-tetrazole derivatives into Keggin-type (1,10-phenanthroline) system for tuning dimensionalities and architectures: assembly and properties. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 2532-2544	1.6	16
89	The assembly of thiophene-based bis-pyridyl-bis-amide Co coordination polymers and their polypyrrole-functionalized hybrid materials for boosting their photocatalytic performances. <i>Dalton Transactions</i> , <b>2016</b> , 45, 19341-19350	4.3	16
88	Solvent-induced Mn(II)/Zn(II)/Co(II) organopolymolybdate compounds constructed by bis-pyridyl-bis-amide ligands through the Mo-N bond: synthesis, structures and properties. <i>Dalton Transactions</i> , <b>2016</b> , 45, 760-7	4.3	15
87	Four new metal-organic complexes by tuning the spacer length of flexible bis-pyridyl-bis-amide ligands: Assembly, structures and properties. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 740, 17-25	2.3	15
86	Fluorescent recognition of Fe <sup>3+</sup> and Fe <sup>3+</sup> -functionalized composite materials for enhancing photocatalytic activities of CoII complexes. <i>CrystEngComm</i> , <b>2017</b> , 19, 4561-4570	3.3	15
85	Structural Influencing Factors on ZnII/CdII Coordination Polymers Based on Tri-pyridyl-bis-amide: Assembly, Structures, Fluorescent Sensing and Selective Photocatalysis. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1924-1940	2.3	15
84	Assembly and properties of four new metal-organic coordination polymers with flexible bis-pyridyl-bis-amide ligands: effect of aromatic dicarboxylates and central metal ions on the structures. <i>Journal of Coordination Chemistry</i> , <b>2015</b> , 68, 71-87	1.6	15
83	A new two-fold interpenetrating POM-based structure modified by CdII and flexible bis(triazole) ligand. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 118-121	3.1	15
82	Four thiophene-pyridyl-amide-based ZnII/CdII coordination polymers: Assembly, structures, photocatalytic properties and fluorescent recognition for Fe <sup>3+</sup> . <i>Journal of Solid State Chemistry</i> , <b>2017</b> , 249, 51-57	3.3	14
81	Aminopyridine derivatives controlled the assembly and various properties of Cu-BTC metal-organic frameworks. <i>Dalton Transactions</i> , <b>2015</b> , 44, 14008-18	4.3	14
80	A series of bis(pyridyl)-bis(amide)-modulated metal-1,2-phenylenediacetate coordination polymers: construction and selective dye adsorption. <i>CrystEngComm</i> , <b>2016</b> , 18, 9316-9324	3.3	14
79	The rigid isomeric 5-(x-pyridyl)-1H-tetrazole ligands-directed various isopolymolybdate-based compounds: assembly, structures, and properties. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 1-11	1.6	14
78	Versatile carboxylate-directed structures of ten 1D -3D Ni(II) coordination polymers: fluorescence behaviors and electrochemical activities. <i>CrystEngComm</i> , <b>2019</b> , 21, 5344-5355	3.3	14
77	Four octamolybdate complexes constructed from a quinoline-imidazole-monoamide ligand: structures and electrochemical, photocatalytic and magnetic properties. <i>CrystEngComm</i> , <b>2020</b> , 22, 8322-8329	3.3	14
76	Two Anderson-type polyoxometalate-based metal-organic complexes with a flexible bis(pyrazine)-bis(amide) ligand for rapid adsorption and selective separation of cationic dyes. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 513, 119937	2.7	14
75	Metal/Carboxylate-Induced Versatile Structures of Nine 0D -3D Complexes with Different Fluorescent and Electrochemical Behaviors. <i>ACS Omega</i> , <b>2019</b> , 4, 17366-17378	3.9	13
74	In Situ Ligand-Transformation-Involved Synthesis of Inorganic-Organic Hybrid Polyoxovanadates as Efficient Heterogeneous Catalysts for the Selective Oxidation of Sulfides. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17583-17590	5.1	13

73	Four Keggin-based compounds constructed by a series of pyridine derivatives: synthesis, and electrochemical, photocatalytic and fluorescence sensing properties. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 15122-15130	3.6	13
72	Solvent-tuned polyoxometalate-based supramolecular hybrids constructed from different metal-organic motifs: Various structures and adsorption properties for dyes. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 309-312	8.1	12
71	A series of novel polyoxometalate-based AgI-complexes constructed from asymmetric pyridyl-monoamide ligand: Synthesis, structures and selective separation of cationic dyes. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 461, 279-289	2.7	11
70	Four new Zn(II)-coordination polymers based on a bi-methylene-bridged pyridyl-amide and various polycarboxylates and their luminescence property. <i>Polyhedron</i> , <b>2018</b> , 151, 264-272	2.7	11
69	A Series of Cobalt-Based Coordination Polymer Crystalline Materials as Highly Sensitive Electrochemical Sensors for Detecting Trace Cr(VI), Fe(III) Ions, and Ascorbic Acid. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 4390-4397	3.5	10
68	A series of flexible bis(pyridyl)bis(tetrazole)-modulated coordination polymers: construction, electrochemical properties, dye adsorption and magnetic properties. <i>CrystEngComm</i> , <b>2019</b> , 21, 6613-6622 <sup>3</sup>	3.3	10
67	Two new polyoxometalate-based metal-organic complexes for the detection of trace Cr(VI) and their capacitor performance. <i>Dalton Transactions</i> , <b>2021</b> , 50, 9450-9456	4.3	10
66	Two organic/inorganic hybrids constructed from metal/ttb segments and different polyoxometalates: Syntheses, structures and multifunctional catalytic properties. <i>Polyhedron</i> , <b>2018</b> , 141, 25-29	2.7	10
65	Multifunctional photoelectric sensors and catalysts for CO <sub>2</sub> RR and Cr(VI) solution based on a series of POM-based materials. <i>CrystEngComm</i> , <b>2021</b> , 23, 2424-2431	3.3	10
64	Three Octamolybdate-based supramolecular hybrids constructed from a bis-imidazolyl-bis-amide ligand: fast and selective adsorption activities of organic dyes. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2178-2185 <sup>3,6</sup>	3.6	9
63	Assembly, characterization and dye adsorption properties of two transition metal coordination polymers constructed from a flexible bis(pyridyl-tetrazole) ligand. <i>Transition Metal Chemistry</i> , <b>2018</b> , 43, 273-278	2.1	9
62	A series of new polyoxometalate-based metal-organic complexes with different rigid pyridyl-bis(triazole) ligands: assembly, structures and electrochemical properties.. <i>RSC Advances</i> , <b>2018</b> , 8, 22676-22686	3.7	9
61	Five naphthalene-amide-bridged Ni(II) complexes: electrochemistry, bifunctional fluorescence responses, removal of contaminants and optimization by CVD. <i>CrystEngComm</i> , <b>2020</b> , 22, 1330-1339	3.3	8
60	η <sup>5</sup> -Type [MoO]-Containing Metal-Organic Complex Possessing Efficient Catalytic Activity toward the Oxidation of Thioether Derivatives. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 3331-3337	5.1	8
59	A pH-stable Ag(i) multifunctional luminescent sensor for the efficient detection of organic solvents, organochlorine pesticides and heavy metal ions.. <i>RSC Advances</i> , <b>2020</b> , 10, 44712-44718	3.7	7
58	Metal/N-donor-induced versatile structures and properties of seven 0D -r3D complexes based on dpq/dppz and O-bridged tricarboxylate: fluorescence and electrochemical behaviors. <i>CrystEngComm</i> , <b>2020</b> , 22, 1209-1219	3.3	7
57	Two rare {M(MoO)} chain-containing molybdate-based metal-organic complexes with a bis-pyrazole-bis-amide ligand: fluorescent sensing and photocatalysis performance.. <i>RSC Advances</i> , <b>2020</b> , 10, 11046-11053	3.7	6
56	2D -r3D interlocking Zn(II) arrays directed by uncoordinated groups: Fluorescent behaviors, recycling and enhancements of photocatalytic properties. <i>Polyhedron</i> , <b>2018</b> , 145, 35-42	2.7	6

55	Different Anderson-type polyoxometalate-based metal-organic complexes exhibiting OH group-directed structures and electrochemical sensing performance. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 3328-3334	3.6	6
54	Four octamolybdate-based complexes based on flexible bis-imidazole-bis-amide ligands with different lengths: Structure, electrochemical and photocatalytic properties. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 495, 118998	2.7	5
53	Metal ion-tuned coordination polymers based on different isopolymolybdates grafted by in-situ ligand. <i>Polyhedron</i> , <b>2017</b> , 135, 180-188	2.7	5
52	Anderson-type polyoxometalate-based complexes constructed from a new V-like bis-pyridine-bis-amide ligand for selective adsorption of organic dyes and detection of Cr(VI) and Fe(III) ions. <i>Inorganic Chemistry Frontiers</i> ,	6.8	5
51	Polyoxometalate-based supramolecular hybrids composed of Cu <sub>2</sub> , 2,2-dimethyl-4,4'-bithiazole fragments extended via non-bonding S...O interactions. <i>Transition Metal Chemistry</i> , <b>2017</b> , 42, 203-210	2.1	4
50	Two polyoxometalate-based metal-organic complexes constructed from a pyridine-polyazole: Assembly, structures, electrochemistry and adsorption properties. <i>Polyhedron</i> , <b>2019</b> , 166, 91-97	2.7	4
49	Two cobalt coordination polymers constructed from a flexible bis(pyridyl-tetrazole) and different tricarboxylates as electrocatalytic materials for the determination of ascorbic acid. <i>Polyhedron</i> , <b>2020</b> , 179, 114358	2.7	4
48	A novel octamolybdate-based metal-organic complex constructed from a bis(tetrazole)-functionalized thioether ligand and an Anderson-type polyoxometalate. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 108, 107493	3.1	4
47	Effect of Organic Dicarboxylates with Different Rigidity on the Construction of Cobalt(II) Complexes with a Semi-rigid Tripyridyl-bis-amide Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 476-482	1.3	4
46	A Series of Polyoxometalate-Viologen Photochromic Materials for UV Probing, Amine Detecting and Inkless and Erasable Printing. <i>Chemistry - A European Journal</i> , <b>2021</b> ,	4.8	4
45	Various carboxylates induced eight Zn(II)/Cd(II) coordination polymers with fluorescence sensing activities for Fe(III), Cr(VI) and oxytetracycline. <i>CrystEngComm</i> ,	3.3	4
44	A multi-responsive luminescent sensor based on flexible and ultrastable Zn-MOF@SWCNT hybrid nanocomposite film. <i>Polyhedron</i> , <b>2019</b> , 160, 68-73	2.7	4
43	A series of A- and B-type Anderson compounds with Al, Te and Cr as centers by tuning different ligands: syntheses, electrochemical, photocatalytic and CO <sub>2</sub> RR properties. <i>CrystEngComm</i> , <b>2021</b> , 23, 2572-2581	3.3	4
42	Two Keggin-based cobalt complexes with a semi-rigid bis-imidazolyl-bis-amide ligand: Structures, electrochemical properties and adsorption activities for dyes. <i>Inorganic Chemistry Communication</i> , <b>2018</b> , 97, 7-13	3.1	4
41	Pseudocapacitance improvement of polymolybdates-based metal-organic complexes via modification with hydrogen molybdenum bronze by electrochemical treatment. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 132380	14.7	4
40	The rational design of four multifunctional octamolybdate-based complexes for detecting different ions and removing organic dyes from aqueous solution. <i>CrystEngComm</i> , <b>2021</b> , 23, 2113-2121	3.3	4
39	CNTs synthesized with polyoxometalate-based metal-organic compounds as catalyst precursors via the CVD method and their adsorption performance towards organic dyes. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 5508-5512	3.6	3
38	Carboxylate-induced Various Structures of Ni(II) Complexes with Fluorescence Sensing and Bifunctional Electrochemical Properties. <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 549-555	2.2	3



37	A new POM-templated metal-organic complex based on the flexible bis-pyridyl-bis-amide ligand. <i>Transition Metal Chemistry</i> , <b>2012</b> , 37, 751-756	2.1	3
36	Hydrothermal Synthesis, Crystal Structures and Photoluminescence of Two Novel Metal-organic Supramolecular Frameworks Based on Mixed Ligands of Dipyrazino[2,3-f:2',3'-h]quinoxaline and Pyridine-2,5-dicarboxylic Acid. <i>Chinese Journal of Chemistry</i> , <b>2008</b> , 26, 1611-1618	4.9	3
35	Capped Keggin Type Polyoxometalate-Based Inorganic-Organic Hybrids Involving In Situ Ligand Transformation as Supercapacitors and Efficient Electrochemical Sensors for Detecting Cr(VI). <i>Inorganic Chemistry</i> , <b>2021</b> ,	5.1	3
34	Polyoxometalate-based complexes with a flexible bis-imidazole-bis-amide ligand: structures, electrochemical and photocatalytic properties. <i>Transition Metal Chemistry</i> , <b>2019</b> , 44, 207-217	2.1	3
33	Thiophene-based Ni-coordination polymer as a catalyst precursor and promoter for multi-walled carbon nanotubes synthesis in CVD. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 293, 121782	3.3	3
32	Ten polytorsional-amide-induced helical-based coordination polymers with difunctional electrochemical activities. <i>CrystEngComm</i> , <b>2021</b> , 23, 1263-1271	3.3	3
31	Polyoxometalate-based metal-organic complexes constructed from a new bis-pyrimidine-amide ligand with high capacitance performance and selectivity for the detection of Cr(VI). <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	3
30	Two Anderson-type polyoxometalate-induced various Co-complexes based on a rigid pyrazine-bis(triazole) ligand. <i>Inorganic Chemistry Communication</i> , <b>2018</b> , 92, 151-156	3.1	2
29	Two Novel Polyoxometalate-Based Metal-Organic Complexes with Chiral Waugh-Type [MnMo9O32]6- Anions as High-Efficiency Catalytic Oxidative Desulfurization Catalysts. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 7015-7022	3.5	2
28	Two polyoxometalate-based CuII complexes with a new semi-rigid bis(pyrazine)-bis(amide) ligand: Architectures, adsorption activities for dyes and bifunctional electrocatalytic performances. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 122, 108285	3.1	2
27	Six CuII coordination polymers exhibiting UV-light-driven photocatalysis for the degradation of organic dyes. <i>CrystEngComm</i> , <b>2021</b> , 23, 3828-3837	3.3	2
26	Three Zn(II) coordination polymers constructed with a new amide-thiophene-derived bis-pyridyl ligand as ultrasensitive luminescent sensors for Hg(II) and purines. <i>CrystEngComm</i> , <b>2021</b> , 23, 4760-4766	3.3	2
25	Five compounds based on [TeMo6O24]6- and [Mo8O26]4- anions synthesized by using different symmetrical and asymmetric N-donor ligands. <i>CrystEngComm</i> , <b>2021</b> , 23, 5385-5396	3.3	2
24	Various amide-derived ligands induced five octamolybdate-based metal-organic complexes: synthesis, structure, electrochemical sensing and photocatalytic properties. <i>CrystEngComm</i> , <b>2021</b> , 23, 5176-5183	3.3	2
23	A multi-functional 3D polymolybdate-based copper(II) complex based on an asymmetric pyridyl-amide ligand: synthesis, structure and properties. <i>Transition Metal Chemistry</i> , <b>2018</b> , 43, 185-192	2.1	1
22	Solvent and polyoxometalate tuned cobalt supramolecular hybrids with a bis-imidazolyl-bis-amide ligand: adsorption of dyes and electrocatalytic properties. <i>Transition Metal Chemistry</i> , <b>2018</b> , 43, 397-408	2.1	1
21	A series of POM-based compounds by tuning coordination groups and spacers of ligands: electrocatalytic, capacitive and photoelectrocatalytic properties. <i>CrystEngComm</i> , <b>2022</b> , 24, 587-600	3.3	1
20	A series of POM compounds constructed using a flexible ligand containing three coordination groups: electrocatalytic and photocatalytic reduction and amperometric detection of Cr(vi). <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 2798-2807	3.6	1

19	Three Anderson-type POMOFs with bis(pyrimidine)-bis(amide) ligands: Synthesis, fascinating structures and performances of electrochemical sensing and dye adsorption. <i>Journal of Solid State Chemistry</i> , <b>2022</b> , 308, 122911	3.3	1
18	Three polyoxometalate-tuned copper complexes based on in situ ligand transformation: syntheses, structures, and properties. <i>Journal of Coordination Chemistry</i> , <b>2020</b> , 73, 2533-2545	1.6	1
17	Solvent-directed Anderson-type polyoxometalate-based metal-organic networks with flexible bis(1H-benzotriazoloxymethyl) ligands. <i>Polyhedron</i> , <b>2019</b> , 162, 186-191	2.7	1
16	Two diverse temperature-directed cobalt-based coordination polymers: environmentally friendly photocatalysts for degradation of organic dyes. <i>Transition Metal Chemistry</i> , <b>2021</b> , 46, 103-109	2.1	1
15	{PMo6O24N4} subunit functionalized by organonitrogen through Mo-N bonds: hydrothermal synthesis, structure, photocatalytic, and fluorescence sensing properties. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 7942-7945	3.6	1
14	Assembly, structures and properties of polyoxometalate-based supramolecular complexes involving in situ transformation of single-branch N-donor cyano ligands. <i>CrystEngComm</i> , <b>2021</b> , 23, 3477-3487	3.3	1
13	Four Keggin-type polyoxometalate-based complexes derived from bis(pyrazine)-bis(amide) ligands for electrochemical sensing of multiple analytes and adsorbing dye molecules. <i>CrystEngComm</i> , <b>2022</b> , 24, 828-836	3.3	0
12	POM-based compounds modified by mono- and bis-triazole derivatives: photocatalytic, electrochemical, and supercapacitor properties. <i>CrystEngComm</i> , <b>2022</b> , 24, 1267-1278	3.3	0
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10	Noncoordinating-substituents-induced various Co and Ni coordination polymers with multiple pathways detection of Fe <sup>3+</sup> and Cr(VI). <i>Inorganica Chimica Acta</i> , <b>2022</b> , 534, 120816	2.7	0
9	A new [Mo8O26]4- based Ni(II)-coordination polymer constructed from a pyridinium ligand as a full spectrum responsive photocatalyst and its electrocatalytic properties. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 132, 108819	3.1	0
8	Metal-directed two new Anderson-type polyoxometalate-based metal-organic complexes with different electrocatalytic sensing performance. <i>Polyhedron</i> , <b>2022</b> , 221, 115874	2.7	0
7	Multi-functional Photoelectric Sensor Based on a Three-fold Interpenetrated Cd(II) Coordination Polymer for Sensitive Detecting Different Ions. <i>Chemical Research in Chinese Universities</i> , 1	2.2	
6	Various amide derivatives induced Keggin-type SiW12O40-based cobalt complexes: assembly, structure, electrochemical sensing and dye adsorption properties. <i>CrystEngComm</i> , <b>2022</b> , 24, 1195-1202	3.3	
5	Metal and bis(pyridyl)-bis(amide) ligands tuned three new nickel(II)/copper(II) coordination polymers: Syntheses, structures and properties. <i>Polyhedron</i> , <b>2022</b> , 216, 115699	2.7	
4	Four new cobalt(II)/zinc(II) complexes derived from the naphthalene-bridging bis(pyridyl)-bis(amide) ligand: Fluorescence sensing Fe <sup>3+</sup> ions and CrO <sub>4</sub> <sup>2-</sup> anions, photocatalytic degrading dyes. <i>Journal of Solid State Chemistry</i> , <b>2022</b> , 307, 122869	3.3	
3	Two diverse nitrogen-site-directed 3D cobalt coordination polymers with Bi-/penta-nuclear subunits exhibiting multi-functional electrochemical and fluorescent sensing activities. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 134, 108941	3.1	
2	Assembly, photocatalytic and fluorescence properties of three new coordination complexes of zinc(II) and nickel(II) with two kinds of flexible bis(pyridyl)-bis(amide) ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2021</b> , 76, 55-63	1	

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