Xiu-Li Wang

List of Publications by Year
in descending order

176	4,955	76322	123420
papers	citations	40 h-index	61 g-index

176	176	176	2192
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Diversities and Fluorescent and Photocatalytic Properties of a Series of Cu^{II} Coordination Polymers Constructed from Flexible Bis-pyridyl-bis-amide Ligands with Different Spacer Lengths and Different Aromatic Carboxylates. Crystal Growth and Design, 2013, 13, 3561-3576.	3.0	137
2	Self-assembly of nanometre-scale metallacalix[4]arene building blocks and Keggin units to a novel (3,4)-connected 3D self-penetrating framework. Chemical Communications, 2010, 46, 6485.	4.1	130
3	Three Novel Cd(II) Metalâ˜Organic Frameworks Constructed from Mixed Ligands of Dipyrido[3,2-d:2â€˜,3â€˜-f]quinoxaline and Benzene-dicarboxylate:Â From a 1-D Ribbon, 2-D Layered Network, to a 3-D Architecture. Crystal Growth and Design, 2007, 7, 1086-1091.	3.0	127
4	Unprecedented Application of Flexible Bis(pyridyl-tetrazole) Ligands To Construct Helix/Loop Subunits To Modify Polyoxometalate Anions. Inorganic Chemistry, 2014, 53, 7118-7129.	4.0	123
5	Application of Tetrazole-Functionalized Thioethers with Different Spacer Lengths in the Self-Assembly of Polyoxometalate-Based Hybrid Compounds. Inorganic Chemistry, 2010, 49, 10299-10306.	4.0	116
6	Renewable PMo12-Based Inorganic-Organic Hybrid Material Bulk-Modified Carbon Paste Electrode: Preparation, Electrochemistry and Electrocatalysis. Electroanalysis, 2002, 14, 1116-1121.	2.9	110
7	Inorganicâ€“organic hybrid polyoxometalate nanoparticle modified wax impregnated graphite electrode: preparation, electrochemistry and electrocatalysis. Journal of Electroanalytical Chemistry, 2002, 523, 142-149.	3.8	110
8	Zn(<scp>ii</scp>) coordination architectures with mixed ligands of dipyrido[3,2-dâ€‰â^¶â€‰2â€²,3â€²-f]quinoxaline/2,3-di-2-pyridylquinoxaline and benzenedicarboxylate: syntheses, crystal structures, and photoluminescence properties. CrystEngComm, 2008, 10, 349-356.	2.6	104
9	Coordination Behavior of 5,6-Substituted 1,10-Phenanthroline Derivatives and Structural Diversities by Coligands in the Construction of Lead(II) Complexes. Crystal Growth and Design, 2010, 10, 2174-2184.	3.0	104
10	Organicâ€“Inorganic Hybrids Constructed from Mixed-Valence Multinuclear Copper Complexes and Templated by Keggin Polyoxometalates. Crystal Growth and Design, 2012, 12, 1273-1281.	3.0	102
11	Effect of flexible bis-pyridyl-bis-amide ligands and dicarboxylates on the assembly and properties of multifunctional Cu(ii) metalâ€“organic coordination polymers. Dalton Transactions, 2013, 42, 8375.	3.3	92
12	Preparation, electrochemical property and application in chemically bulk-modified electrode of a hybrid inorganicâ€“organic silicomolybdate nanoparticles. Materials Letters, 2002, 56, 393-396.	2.6	90
13	Inserting -(CH₂)_n- (n = 2, 3, 4) Spacers into the Reactant Mercapto-methyltetrazole Ligand for Tuning the Multinuclear Ag^I Clusters in Keggin-Based Compounds. Crystal Growth and Design, 2012, 12, 2346-2354.	3.0	81
14	Construction and properties of cobalt(<scp>ii</scp>)/copper(<scp>ii</scp>) coordination polymers based on N-donor ligands and polycarboxylates mixed ligands. RSC Advances, 2014, 4, 62430-62445.	3.6	78
15	Influence of Transition Metal Coordination Nature on the Assembly of Multinuclear Subunits in Polyoxometalates-Based Compounds. Crystal Growth and Design, 2010, 10, 4786-4794.	3.0	72
16	Assembly and photocatalysis of two novel 3D Anderson-type polyoxometalate-based metalâ€“organic frameworks constructed from isomeric bis(pyridylformyl)piperazine ligands. Dalton Transactions, 2014, 43, 12272-12278.	3.3	71
17	A Stable 3D Zn-Coordination Polymer Sensor Based on Dual Luminescent Ligands for Efficient Detection of Multiple Analytes under Acid or Alkaline Environment. Inorganic Chemistry, 2020, 59, 15495-15503.	4.0	71
18	Various Polycarboxylate-Directed Cd(II) Coordination Polymers Based on a Semirigid Bis-pyridyl-bis-amide Ligand: Construction and Fluorescent and Photocatalytic Properties. Crystal Growth and Design, 2017, 17, 483-496.	3.0	69

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19	Renewable New Copper Complex Bulkâ€Modified Carbon Paste Electrode: Preparation, Electrochemistry, and Electrocatalysis. Electroanalysis, 2008, 20, 1055-1060.	2.9	68
20	Assembly of Zn/Cd coordination polymers containing helixes or polycatenane structures tuned by the tri-pyridylâ€“bis-amide ligands with different spacer: syntheses, structures, photoluminescent and photocatalytic properties. CrystEngComm, 2013, 15, 1960.	2.6	64
21	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)n loops. CrystEngComm, 2012, 14, 5836.	2.6	63
22	Polyoxoanion-enveloped Ag/ptz inorganicâ€“organic hybrid system: From a single to a double template. CrystEngComm, 2012, 14, 3220.	2.6	61
23	Polycarboxylate-directed various Co(<scp>ii</scp>) complexes based on a â€œVâ€•like bis-pyridyl-bis-amide derivative: construction, electrochemical and photocatalytic properties. CrystEngComm, 2015, 17, 7290-7299.	2.6	60
24	Electrocatalytic and Hg²⁺ Fluorescence Identifiable Bifunctional Sensors for a Series of Keggin Compounds. Inorganic Chemistry, 2019, 58, 4190-4200.	4.0	58
25	An unprecedented extended architecture constructed from a 2-D interpenetrating cationic coordination framework templated by SiW12O404â€“ anion. Journal of Solid State Chemistry, 2008, 181, 556-561.	2.9	57
26	Transition metal carboxylate coordination polymers with amide-bridged polypyridine co-ligands: assemblies and properties. CrystEngComm, 2015, 17, 3887-3907.	2.6	57
27	Ligand-controlled assembly of Cd(II) coordination polymers based on mixed ligands of naphthalene-dicarboxylate and dipyrido[3,2-d:2â€²,3â€²-f]quinoxaline: From 0D+1D cocrystal, 2D rectangular network (4,4), to 3D PtS-type architecture. Journal of Solid State Chemistry, 2009, 182, 566-573.	2.9	55
28	Three new two-dimensional metal-organic coordination polymers derived from bis(pyridinecarboxamide)-1,4-benzene ligands and 1,3-benzenedicarboxylate: Syntheses and electrochemical property. Journal of Organometallic Chemistry, 2011, 696, 2313-2321.	1.8	55
29	A series of Anderson-type polyoxometalate-based metalâ€“organic complexes: their pH-dependent electrochemical behaviour, and as electrocatalysts and photocatalysts. Dalton Transactions, 2016, 45, 12465-12478.	3.3	55
30	A Series of Polyoxometalate-Based Metalâ€“Bis(pyridyl-tetrazole) Complexes with High Electrocatalytic Activity for Hydrogen Evolution Reaction in Alkaline and Acid Media. ACS Sustainable Chemistry and Engineering, 2020, 8, 15696-15702.	6.7	55
31	An Effective Strategy To Construct Novel Polyoxometalate-Based Hybrids by Deliberately Controlling Organic Ligand Transformation In Situ. Inorganic Chemistry, 2016, 55, 6384-6393.	4.0	53
32	Architectural chemistry of polyoxometalate-based coordination frameworks constructed from flexible N-donor ligands. RSC Advances, 2015, 5, 41155-41168.	3.6	50
33	Two polyoxometalate-directed 3D metalâ€“organic frameworks with multinuclear silverâ€“ptz cycle/belts as subunits. Dalton Transactions, 2013, 42, 14856.	3.3	49
34	pH and amine-induced various octamolybdate-based metalâ€“organic complexes: assembly, structures and properties. Dalton Transactions, 2014, 43, 2052-2060.	3.3	45
35	A series of novel Anderson-type polyoxometalate-based Mn^{II} complexes constructed from pyridyl-derivatives: assembly, structures, electrochemical and photocatalytic properties. CrystEngComm, 2017, 19, 3167-3177.	2.6	45
36	A novel cadmium metalâ€“organic framework-based multiresponsive fluorescent sensor demonstrating outstanding sensitivities and selectivities for detecting NB, Fe³⁺ ions and Cr₂O₇^{2â^’} anions. CrystEngComm, 2020, 22, 6626-6631.	2.6	43

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37	A new three-dimensional zinc(<scp>ii</scp>) metalâ€“organic framework as a fluorescence sensor for sensing the biomarker 3-nitrotyrosine. Dalton Transactions, 2022, 51, 11390-11396.	3.3	43
38	Keggin POM-based 3D framework tuned by silver polymeric motifs: structural influences of tetrazolate functional groups. CrystEngComm, 2012, 14, 8509.	2.6	41
39	Two novel Anderson-type polyoxometalate-based metalâ€“organic complexes with high-efficiency photocatalysis towards degradation of organic dyes under UV and visible light irradiation. RSC Advances, 2015, 5, 14020-14026.	3.6	41
40	Multi-functional photoelectric sensors based on a series of isopolymolybdate-based compounds for detecting different ions. Inorganic Chemistry Frontiers, 2020, 7, 3882-3894.	6.0	41
41	The key role of â€“CH3 steric hindrance in bis(pyrazolyl) ligand on polyoxometalate-based compounds. Dalton Transactions, 2014, 43, 8405.	3.3	40
42	Systematic Investigation of Reactionâ€Time Dependence of Three Series of Copperâ€“Lanthanide/Lanthanide Coordination Polymers: Syntheses, Structures, Photoluminescence, and Magnetism. Chemistry - A European Journal, 2015, 21, 16219-16228.	3.3	40
43	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. Crystal Growth and Design, 2021, 21, 4390-4397.	3.0	40
44	A series of organopolymolybdate polymers linked by dual fuses: metalâ€“organic moiety and organic ligand through Moâ€“N bonds. CrystEngComm, 2011, 13, 6680.	2.6	39
45	A novel copper(II) complex constructed with mixed ligands of biphenyl-4,4â€²-dicarboxylic acid (H2bpdc) and dipyrido[3,2-d:2â€²,3â€²-f]quinoxaline (Dpq): Synthesis, structure, electrochemistry and electrocatalysis. Solid State Sciences, 2009, 11, 643-650.	3.2	38
46	Various Cd(<scp>ii</scp>) coordination polymers induced by carboxylates: multi-functional detection of Fe³⁺, anions, aspartic acids and bovine serum albumin. Dalton Transactions, 2020, 49, 737-749.	3.3	37
47	Assembly of copperâ€“tetrazole frameworks with role-changeable Keggin clusters: syntheses, structures, solvent-dependent luminescence and electrochemistry properties. CrystEngComm, 2013, 15, 7199.	2.6	36
48	Role of aromatic dicarboxylates in the structural diversity of cobalt(ii) and copper(ii) coordination polymers containing a flexible N,Nâ€²-di(3-pyridyl)octanediamide ligand. CrystEngComm, 2013, 15, 7274.	2.6	36
49	In Situ Ligand-Transformation-Involved Synthesis of Inorganicâ€“Organic Hybrid Polyoxovanadates as Efficient Heterogeneous Catalysts for the Selective Oxidation of Sulfides. Inorganic Chemistry, 2020, 59, 17583-17590.	4.0	36
50	The various architectures and properties of a series of coordination polymers tuned by the central metals. Dalton Transactions, 2014, 43, 8072.	3.3	35
51	Two new polyoxometalate-based metalâ€“organic complexes for the detection of trace Cr(<scp>vi</scp>) and their capacitor performance. Dalton Transactions, 2021, 50, 9450-9456.	3.3	35
52	Three multi-nuclear clusters and one infinite chain induced by a pendant 4-butyl-1H-pyrazole ligand for modification of Keggin anions. Dalton Transactions, 2015, 44, 386-394.	3.3	34
53	Various Anderson-type polyoxometalate-based metalâ€“organic complexes induced by diverse solvents: assembly, structures and selective adsorption for organic dyes. Dalton Transactions, 2020, 49, 1265-1275.	3.3	34
54	A Series of Polyoxometalateâ€Viologen Photochromic Materials for UV Probing, Amine Detecting and Inkless and Erasable Printing. Chemistry - A European Journal, 2022, 28, .	3.3	34

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55	Solvent-controlled synthesis of various Anderson-type polyoxometalate-based metalâ€“organic complexes with excellent capacity for the chromatographic separation of dyes. CrystEngComm, 2018, 20, 51-62.	2.6	32
56	Anderson-type polyoxometalate-based complexes constructed from a new â€˜Vâ€™-like bis-pyridineâ€“bis-amide ligand for selective adsorption of organic dyes and detection of Cr(<scp>vi</scp>) and Fe(<scp>iii</scp>) ions. Inorganic Chemistry Frontiers, 2021, 8, 4458-4466.	6.0	32
57	An unprecedented double-bridging interpenetrating Î±-Po network based on a new heterometallic cluster {Cu₄Mo₆}. Dalton Transactions, 2011, 40, 31-34.	3.3	31
58	Highly efficient usage of the hydrothermal technique through the one-pot method to construct four Keggin-based compounds containing pendent ligands. Dalton Transactions, 2015, 44, 10499-10507.	3.3	29
59	A series of metalâ€“organic loops templated by [SiMo₁₂O₄₀]^{4â^’} and [Î²-Mo₈O₂₆]^{4â^’} anions using double chelating ligands: amperometric sensing and selective photocatalytic properties. New Journal of Chemistry, 2019, 43, 9980-9988.	2.8	29
60	Î±â€“Î³-Type [Mo₈O₂₆]^{4â€“}-Containing Metalâ€“Organic Complex Possessing Efficient Catalytic Activity toward the Oxidation of Thioether Derivatives. Inorganic Chemistry, 2021, 60, 3331-3337.	4.0	29
61	Novel Anderson-type [TeMo₆O₂₄]^{6â^’}-based metalâ€“organic complexes tuned by different species and their coordination modes: assembly, various architectures and properties. Dalton Transactions, 2016, 45, 2709-2719.	3.3	28
62	Three novel and various isopolymolybdate-based hybrids built from the carboxyl oxygen atoms of in situ ligands: substituent-tuned assembly, architectures and properties. Dalton Transactions, 2017, 46, 1965-1974.	3.3	28
63	pH, solvent and metal ion induced octamolybdate-based metalâ€“organic complexes decorated with a pyridyl-carboxylate ligand containing an amide group. CrystEngComm, 2016, 18, 888-897.	2.6	27
64	Four octamolybdate complexes constructed from a quinolineâ€“imidazoleâ€“monoamide ligand: structures and electrochemical, photocatalytic and magnetic properties. CrystEngComm, 2020, 22, 8322-8329.	2.6	27
65	pH-dependent two novel 3D polynuclear cobalt(ii) cluster-based metalâ€“organic frameworks constructed from a tri-pyridyl-bis-amide and a polycarboxylate: assembly, structures and properties. RSC Advances, 2013, 3, 13944.	3.6	26
66	Three new POM-based compounds constructed by rigid thiabendazole and flexible bis(pyrazole) ligands: structures and properties for Hg²⁺ recognition. Dalton Transactions, 2015, 44, 16486-16493.	3.3	26
67	Capped Keggin Type Polyoxometalate-Based Inorganicâ€“Organic Hybrids Involving In Situ Ligand Transformation as Supercapacitors and Efficient Electrochemical Sensors for Detecting Cr(VI). Inorganic Chemistry, 2021, 60, 19287-19296.	4.0	26
68	Two Cu(II) coordination polymers based on a flexible bis(pyridyl-tetrazole): Solvent-ratio induced various structures and distinct adsorption performance for organic dyes. Inorganica Chimica Acta, 2017, 464, 114-118.	2.4	25
69	Subtly tuning one N site of benzyl-1H-triazole ligands to build mono-nuclear subunits and tri-nuclear clusters to modify polyoxometalates. CrystEngComm, 2015, 17, 5569-5578.	2.6	24
70	pH-tuned diverse structures and properties: two Anderson-type polyoxometalate-based metalâ€“organic complexes for selective photocatalysis and adsorption of organic dyes. RSC Advances, 2016, 6, 110583-110591.	3.6	24
71	Various polyoxomolybdate-based hybrids induced by pH and solvents: structures, adsorption activities for dyes and bifunctional electrocatalytic properties. Dalton Transactions, 2017, 46, 16580-16588.	3.3	24
72	Various types of isopolymolybdate-based metalâ€“organic complexes formed in different conditions: synthesis, structures, luminescence, electrochemical, and photocatalytic performances. CrystEngComm, 2019, 21, 6472-6481.	2.6	24

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73	Diverse polyoxometalate-based metalâ€“organic complexes constructed by a tetrazole- and pyridyl-containing asymmetric amide ligand or its in situ transformed ligand. CrystEngComm, 2016, 18, 5101-5109.	2.6	23
74	Metal ions induced various polymolybdate-based metalâ€“organic complexes with a pyridyl-amide-carboxylate ligand: Synthesis, structures and selective separation of cationic dyes. Polyhedron, 2017, 126, 92-99.	2.2	23
75	Coordination Polymers Based on Organicâ€“Inorganic Hybrid Rigid Rod Comprising a Backbone of Anderson-Evans POMs. Crystal Growth and Design, 2019, 19, 925-931.	3.0	23
76	Pseudocapacitance improvement of polymolybdates-based metalâ€“organic complexes via modification with hydrogen molybdenum bronze by electrochemical treatment. Chemical Engineering Journal, 2022, 428, 132380.	12.7	23
77	Polyoxometalate-directed assembly and various structures of inorganicâ€“organic hybrid compounds based on a semi-rigid bis-pyridyl-bis-amide. CrystEngComm, 2015, 17, 7038-7047.	2.6	22
78	Four thiophene-pyridyl-amide-based Zn II /Cd II coordination polymers: Assembly, structures, photocatalytic properties and fluorescent recognition for Fe 3+. Journal of Solid State Chemistry, 2017, 249, 51-57.	2.9	22
79	Fluorescent recognition of Fe³⁺ and Fe³⁺-functionalized composite materials for enhancing photocatalytic activities of Co^{II} complexes. CrystEngComm, 2017, 19, 4561-4570.	2.6	22
80	Two Novel Polyoxometalate-Based Metalâ€“Organic Complexes with Chiral Waugh-Type [MnMo₉O₃₂]^{6â€“} Anions as High-Efficiency Catalytic Oxidative Desulfurization Catalysts. Crystal Growth and Design, 2021, 21, 7015-7022.	3.0	22
81	Application of flexible bis-pyrazineâ€“bis-amide ligands to construct various polyoxometalate-based metalâ€“organic complexes. RSC Advances, 2015, 5, 56687-56696.	3.6	21
82	A novel polyoxometalate templated microporous metalâ€“organic framework with electrochemical properties. RSC Advances, 2015, 5, 35535-35540.	3.6	20
83	Versatile carboxylate-directed structures of ten 1D â† 3D Ni(<scp>ii</scp>) coordination polymers: fluorescence behaviors and electrochemical activities. CrystEngComm, 2019, 21, 5344-5355.	2.6	20
84	Multifunctional fluorescence responses of phenyl-amide-bridged d10 coordination polymers structurally regulated by dicarboxylates and metal ions. CrystEngComm, 2020, 22, 7952-7961.	2.6	20
85	Introduction of secondary pyridyl-1H-tetrazole derivatives into Keggināâ€“Agâ€“(1,10-phenanthroline) system for tuning dimensionalities and architectures: assembly and properties. Journal of Coordination Chemistry, 2016, 69, 2532-2544.	2.2	19
86	Polycarboxylate-directed semi-rigid pyridyl-amide-based various Ni^{II} complexes: electrochemical properties and enhancements of photocatalytic activities by calcination. Dalton Transactions, 2018, 47, 9903-9911.	3.3	19
87	Aminopyridine derivatives controlled the assembly and various properties of Cuâ€“BTC metalâ€“organic frameworks. Dalton Transactions, 2015, 44, 14008-14018.	3.3	18
88	Two Anderson-type polyoxometalate-based metalâ€“organic complexes with a flexible bis(pyrazine)-bis(amide) ligand for rapid adsorption and selective separation of cationic dyes. Inorganica Chimica Acta, 2020, 513, 119937.	2.4	18
89	Four Keggin-based compounds constructed by a series of pyridine derivatives: synthesis, and electrochemical, photocatalytic and fluorescence sensing properties. New Journal of Chemistry, 2020, 44, 15122-15130.	2.8	18
90	Various carboxylates induced eight Zn(<scp>ii</scp>)/Cd(<scp>ii</scp>) coordination polymers with fluorescence sensing activities for Fe(<scp>iii</scp>), Cr(<scp>vi</scp>) and oxytetracycline. CrystEngComm, 2021, 23, 8077-8086.	2.6	18

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91	Polyoxometalate-Incorporated Metal-Organic Network as a Heterogeneous Catalyst for Selective Oxidation of Aryl Alkenes. Inorganic Chemistry, 2022, 61, 9421-9432.	4.0	18
92	Four new metalâ€“organic complexes by tuning the spacer length of flexible bis-pyridylâ€“bis-amide ligands: Assembly, structures and properties. Journal of Organometallic Chemistry, 2013, 740, 17-25.	1.8	17
93	Structural Influencing Factors on ZnII/CdIICoordination Polymers Based on Tri-pyridyl-bis-amide: Assembly, Structures, Fluorescent Sensing and Selective Photocatalysis. European Journal of Inorganic Chemistry, 2015, 2015, 1924-1940.	2.0	17
94	The assembly of thiophene-based bis-pyridyl-bis-amide Co^{II} coordination polymers and their polypyrrole-functionalized hybrid materials for boosting their photocatalytic performances. Dalton Transactions, 2016, 45, 19341-19350.	3.3	17
95	The rigid isomeric 5-(x-pyridyl)-1H-tetrazole ligands-directed various isopolymolybdate-based compounds: assembly, structures, and properties. Journal of Coordination Chemistry, 2016, 69, 1-11.	2.2	17
96	Novel polyoxometalate-based cobalt complexes based on rigid pyridyl-triazole-tetrazole and pyridyl-bis(triazole) ligands. CrystEngComm, 2018, 20, 6438-6448.	2.6	17
97	Polyoxometalate-based metalâ€“organic complexes constructed from a new bis-pyrimidine-amide ligand with high capacitance performance and selectivity for the detection of Cr(VI). Chinese Chemical Letters, 2022, 33, 4389-4394.	9.0	17
98	A new two-fold interpenetrating POM-based structure modified by CdII and flexible bis(triazole) ligand. Inorganic Chemistry Communication, 2011, 14, 118-121.	3.9	16
99	Assembly and properties of four new metalâ€“organic coordination polymers with flexible bis-pyridyl-bis-amide ligands: effect of aromatic dicarboxylates and central metal ions on the structures. Journal of Coordination Chemistry, 2015, 68, 71-87.	2.2	16
100	Solvent-induced Mn(<scp>ii</scp>)/Zn(<scp>ii</scp>)/Co(<scp>ii</scp>) organopolymolybdate compounds constructed by bis-pyridyl-bis-amide ligands through the Moâ€“N bond: synthesis, structures and properties. Dalton Transactions, 2016, 45, 760-767.	3.3	16
101	A series of bis(pyridyl)-bis(amide)-modulated metal-1,2-phenylenediacetate coordination polymers: construction and selective dye adsorption. CrystEngComm, 2016, 18, 9316-9324.	2.6	15
102	Solvent-tuned polyoxometalate-based supramolecular hybrids constructed from different metal-organic motifs: Various structures and adsorption properties for dyes. Chinese Chemical Letters, 2018, 29, 309-312.	9.0	15
103	Four new Zn(II)-coordination polymers based on a bi-methylene-bridged pyridyl-amide and various polycarboxylates and their luminescence property. Polyhedron, 2018, 151, 264-272.	2.2	15
104	Metal/Carboxylate-Induced Versatile Structures of Nine 0D â† 3D Complexes with Different Fluorescent and Electrochemical Behaviors. ACS Omega, 2019, 4, 17366-17378.	3.5	15
105	A series of novel polyoxometalate-based AgI-complexes constructed from asymmetric pyridyl-monoamide ligand: Synthesis, structures and selective separation of cationic dyes. Inorganica Chimica Acta, 2017, 461, 279-289.	2.4	14
106	A series of flexible bis(pyridyl)bis(tetrazole)-modulated coordination polymers: construction, electrochemical properties, dye adsorption and magnetic properties. CrystEngComm, 2019, 21, 6613-6622.	2.6	14
107	A Keggin-type polyoxometalate-based metalâ€“organic complex as a highly efficient heterogeneous catalyst for the selective oxidation of alkylbenzenes. Dalton Transactions, 2022, 51, 2331-2337.	3.3	14
108	Carbazole-based bis-imidazole ligand-involved synthesis of inorganicâ€“organic hybrid polyoxometalates as electrochemical sensors for detecting bromate and efficient catalysts for selective oxidation of thioether. RSC Advances, 2022, 12, 4437-4445.	3.6	14

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109	A series of new polyoxometalate-based metalâ€“organic complexes with different rigid pyridyl-bis(triazole) ligands: assembly, structures and electrochemical properties. RSC Advances, 2018, 8, 22676-22686.	3.6	13
110	Assembly, characterization and dye adsorption properties of two transition metal coordination polymers constructed from a flexible bis(pyridyl-tetrazole) ligand. Transition Metal Chemistry, 2018, 43, 273-278.	1.4	12
111	Three Î²-octamolybdate-based supramolecular hybrids constructed from a bis-imidazolyl-bis-amide ligand: fast and selective adsorption activities of organic dyes. New Journal of Chemistry, 2017, 41, 2178-2185.	2.8	11
112	Five compounds based on [TeMo6O24]6â^' and [Î²-Mo8O26]4â^' anions synthesized by using different symmetrical and asymmetric N-donor ligands. CrystEngComm, 2021, 23, 5385-5396.	2.6	11
113	The rational design of four multifunctional octamolybdate-based complexes for detecting different ions and removing organic dyes from aqueous solution. CrystEngComm, 2021, 23, 2113-2121.	2.6	11
114	Multifunctional photoelectric sensors and catalysts for CO₂RR and Cr(<scp>vi</scp>) solution based on a series of POM-based materials. CrystEngComm, 2021, 23, 2424-2431.	2.6	11
115	A pH-stable Ag(<scp>i</scp>) multifunctional luminescent sensor for the efficient detection of organic solvents, organochlorine pesticides and heavy metal ions. RSC Advances, 2020, 10, 44712-44718.	3.6	11
116	Two organicâ€“inorganic hybrids constructed from metal/ttb segments and different polyoxometalates: Syntheses, structures and multifunctional catalytic properties. Polyhedron, 2018, 141, 25-29.	2.2	10
117	Four octamolybdate-based complexes based on flexible bis-imidazole-bis-amide ligands with different lengths: Structure, electrochemical and photocatalytic properties. Inorganica Chimica Acta, 2019, 495, 118998.	2.4	10
118	Metal/N-donor-induced versatile structures and properties of seven 0D â†' 3D complexes based on dpq/dppz and O-bridged tricarboxylate: fluorescence and electrochemical behaviors. CrystEngComm, 2020, 22, 1209-1219.	2.6	10
119	Six CoII coordination polymers exhibiting UV-light-driven photocatalysis for the degradation of organic dyes. CrystEngComm, 2021, 23, 3828-3837.	2.6	10
120	A series of A- and B-type Anderson compounds with Al, Te and Cr as centers by tuning different ligands: syntheses, electrochemical, photocatalytic and CO₂RR properties. CrystEngComm, 2021, 23, 2572-2581.	2.6	10
121	A novel octamolybdate-based metal-organic complex constructed from a bis(tetrazole)-functionalized thioether ligand and an Anderson-type polyoxometalate. Inorganic Chemistry Communication, 2019, 108, 107493.	3.9	9
122	Five naphthalene-amide-bridged Ni(ii) complexes: electrochemistry, bifunctional fluorescence responses, removal of contaminants and optimization by CVD. CrystEngComm, 2020, 22, 1330-1339.	2.6	9
123	Two rare {M2(MoO4)2}n chain-containing molybdate-based metalâ€“organic complexes with a bis-pyrazole-bis-amide ligand: fluorescent sensing and photocatalysis performance. RSC Advances, 2020, 10, 11046-11053.	3.6	8
124	Thiophene-based Ni-coordination polymer as a catalyst precursor and promoter for multi-walled carbon nanotubes synthesis in CVD. Journal of Solid State Chemistry, 2021, 293, 121782.	2.9	8
125	Three Zn(<scp>ii</scp>) coordination polymers constructed with a new amide-thiophene-derived bis-pyridyl ligand as ultrasensitive luminescent sensors for Hg(<scp>ii</scp>) and purines. CrystEngComm, 2021, 23, 4760-4766.	2.6	8
126	Stable Zinc(II) Coordination Polymer as a Rapid and Highly Sensitive Fluorescence Sensor for the Discriminative Sensing of Biomarker 2-(2-Methoxyethoxy) Acetic Acid. Inorganic Chemistry, 2022, 61, 7780-7786.	4.0	8

#	Article	IF	Citations
127	Solvent-Induced Two Co-Based 3D Metalâ€“Organic Frameworks as Platforms for the High Degradation of Rhodamine B Under Sunlight. Crystal Growth and Design, 2022, 22, 3845-3852.	3.0	8
128	Different Anderson-type polyoxometalate-based metalâ€“organic complexes exhibiting â€“OH group-directed structures and electrochemical sensing performance. New Journal of Chemistry, 2021, 45, 3328-3334.	2.8	7
129	A series of POM-based compounds by tuning coordination groups and spacers of ligands: electrocatalytic, capacitive and photoelectrocatalytic properties. CrystEngComm, 2022, 24, 587-600.	2.6	7
130	POM-based compounds modified by mono- and bis-triazole derivatives: photocatalytic, electrochemical, and supercapacitor properties. CrystEngComm, 2022, 24, 1267-1278.	2.6	7
131	2Dâ€¯â†’â€¯3D interlocking Zn(II) arrays directed by uncoordinated groups: Fluorescent behaviors, recycling and enhancements of photocatalytic properties. Polyhedron, 2018, 145, 35-42.	2.2	6
132	A series of polyoxometalate-based hybrid complexes constructed by a tripodal ligand containing mixed N/O donors. CrystEngComm, 2021, 23, 7846-7854.	2.6	6
133	Four Keggin-type polyoxometalate-based complexes derived from bis(pyrazine)â€“bis(amide) ligands for electrochemical sensing of multiple analytes and adsorbing dye molecules. CrystEngComm, 2022, 24, 828-836.	2.6	6
134	A series of polyoxometalate compounds by tuning N sites and numbers of ligands: syntheses, characterization and electrochemical sensing, and photocatalytic and supercapacitor properties. New Journal of Chemistry, 2022, 46, 8422-8432.	2.8	6
135	Polyoxometalate-based supramolecular hybrids composed of Cu/2, 2â€²-dimethyl-4, 4â€²-bithiazole fragments extended via non-bonding SÂ·Â·Â·O interactions. Transition Metal Chemistry, 2017, 42, 203-210.	1.4	5
136	Metal ion-tuned coordination polymers based on different isopolymolybdates grafted by in-situ ligand. Polyhedron, 2017, 135, 180-188.	2.2	5
137	A multi-responsive luminescent sensor based on flexible and ultrastable Zn-MOF@SWCNT hybrid nanocomposite film. Polyhedron, 2019, 160, 68-73.	2.2	5
138	Polyoxometalate-based complexes with a flexible bis-imidazole-bis-amide ligand: structures, electrochemical and photocatalytic properties. Transition Metal Chemistry, 2019, 44, 207-217.	1.4	5
139	CNTs synthesized with polyoxometalate-based metalâ€“organic compounds as catalyst precursors via the CVD method and their adsorption performance towards organic dyes. New Journal of Chemistry, 2020, 44, 5508-5512.	2.8	5
140	Two cobalt coordination polymers constructed from a flexible bis(pyridyl-tetrazole) and different tricarboxylates as electrocatalytic materials for the determination of ascorbic acid. Polyhedron, 2020, 179, 114358.	2.2	5
141	Various amide-derived ligands induced five octamolybdate-based metalâ€“organic complexes: synthesis, structure, electrochemical sensing and photocatalytic properties. CrystEngComm, 2021, 23, 5176-5183.	2.6	5
142	Cobalt complexes tuned by Anderson-type polyoxometalates and bis-amide derivative ligands featuring a â€˜Vâ€™-like connector for efficient ampere sensing and the visible-light catalytic reduction of Cr(<scp>vi</scp>). Dalton Transactions, 2022, 51, 7109-7117.	3.3	5
143	Four Anderson-type [TeMo₆O₂₄]^{6â^’}-based metalâ€“organic complexes with a new bis(pyrimidine)-bis(amide): multifunctional electrochemical and adsorption performances. CrystEngComm, 2022, 24, 3921-3927.	2.6	5
144	Hydrothermal Synthesis, Crystal Structures and Photoluminescence of Two Novel Metalâ€organic Supramolecular Frameworks Based on Mixed Ligands of Dipyrazino[2,3â€f:2â€²,3â€²â€h]quinoxaline and Pyridineâ€2,5â€dicarboxylic Acid. Chinese Journal of Chemistry, 2008, 26, 1611-1618.	4.9	4

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145	Effect of Organic Dicarboxylates with Different Rigidity on the Construction of Cobalt(II) Complexes with a Semiâ€rigid Tripyridylâ€bisâ€amide Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 476-482.	1.2	4
146	Two Anderson-type polyoxometalate-induced various Co-complexes based on a rigid pyrazine-bis(triazole) ligand. Inorganic Chemistry Communication, 2018, 92, 151-156.	3.9	4
147	Two Keggin-based cobalt complexes with a semi-rigid bisâ€imidazolylâ€bisâ€amide ligand: Structures, electrochemical properties and adsorption activities for dyes. Inorganic Chemistry Communication, 2018, 97, 7-13.	3.9	4
148	Two polyoxometalate-based metalâ€“organic complexes constructed from a pyridine-polyazole: Assembly, structures, electrochemistry and adsorption properties. Polyhedron, 2019, 166, 91-97.	2.2	4
149	A series of POM compounds constructed using a flexible ligand containing three coordination groups: electrocatalytic and photocatalytic reduction and amperometric detection of Cr(<scp>vi</scp>). New Journal of Chemistry, 2022, 46, 2798-2807.	2.8	4
150	A new POM-templated metalâ€“organic complex based on the flexible bis-pyridyl-bis-amide ligand. Transition Metal Chemistry, 2012, 37, 751-756.	1.4	3
151	A multi-functional 3D polymolybdate-based copper(II) complex based on an asymmetric pyridyl-amide ligand: synthesis, structure and properties. Transition Metal Chemistry, 2018, 43, 185-192.	1.4	3
152	Carboxylate-induced Various Structures of Ni(II) Complexes with Fluorescence Sensing and Bifunctional Electrochemical Properties. Chemical Research in Chinese Universities, 2019, 35, 549-555.	2.6	3
153	Three polyoxometalate-tuned copper complexes based on in situ ligand transformation: syntheses, structures, and properties. Journal of Coordination Chemistry, 2020, 73, 2533-2545.	2.2	3
154	Ten polytorsional-amide-induced helical-based coordination polymers with difunctional electrochemical activities. CrystEngComm, 2021, 23, 1263-1271.	2.6	3
155	A new [Î´-Mo8O26]4â^'-based Niâ…¡-coordination polymer constructed from a pyridinum ligand as a full spectrum responsive photocatalyst and its electrocatalytic properties. Inorganic Chemistry Communication, 2021, 132, 108819.	3.9	3
156	Assembly, structures and properties of polyoxometalate-based supramolecular complexes involving in situ transformation of single-branch N-donor cyano ligands. CrystEngComm, 2021, 23, 3477-3487.	2.6	3
157	Three Anderson-type POMOFs with bis(pyrimidine)-bis(amide) ligands: Synthesis, fascinating structures and performances of electrochemical sensing and dye adsorption. Journal of Solid State Chemistry, 2022, 308, 122911.	2.9	3
158	Noncoordinating-substituents-induced various Co and Ni coordination polymers with multiple pathways detection of Fe3+ and Cr(â…¥). Inorganica Chimica Acta, 2022, 534, 120816.	2.4	3
159	Metal-directed two new Anderson-type polyoxometalate-based metalâ€“organic complexes with different electrocatalytic sensing performance. Polyhedron, 2022, 221, 115874.	2.2	3
160	Reduction products-directed different electrochemical sensing performance of polymolybdate-based metal-organic complex. Polyhedron, 2022, 224, 115996.	2.2	3
161	Two polyoxometalate-based CuII complexes with a new semi-rigid bis(pyrazine)-bis(amide) ligand: Architectures, adsorption activities for dyes and bifunctional electrocatalytic performances. Inorganic Chemistry Communication, 2020, 122, 108285.	3.9	2
162	Polyoxometalate-based Cu^{II}/Co^{II} complexes tuned using various metalâ€“pyrazole loops: design, diverse architectures and catalytic activity toward the oxidation of thioether derivatives. CrystEngComm, 2022, 24, 3172-3178.	2.6	2

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163	A water-stable new luminescent Cd(â…¡) coordination polymer for rapid and luminescent/visible sensing of vanillin in infant formula. Inorganica Chimica Acta, 2022, 540, 121051.	2.4	2
164	Solvent and polyoxometalate tuned cobalt supramolecular hybrids with a bis-imidazolyl-bis-amide ligand: adsorption of dyes and electrocatalytic properties. Transition Metal Chemistry, 2018, 43, 397-408.	1.4	1
165	Solvent-directed Anderson-type polyoxometalate-based metalâ€“organic networks with flexible bis(1H-benzotriazoloxymethyl) ligands. Polyhedron, 2019, 162, 186-191.	2.2	1
166	Two diverse temperature-directed cobalt-based coordination polymers: environmentally friendly photocatalysts for degradation of organic dyes. Transition Metal Chemistry, 2021, 46, 103-109.	1.4	1
167	{PMo₆O₂₄N₄} subunit functionalized by organonitrogen through Moâ€“N bonds: hydrothermal synthesis, structure, photocatalytic, and fluorescence sensing properties. New Journal of Chemistry, 2021, 45, 7942-7945.	2.8	1
168	Four new cobalt(II)/zinc(II) complexes derived from the naphthalene-bridging bis(pyridyl)-bis(amide) ligand: Fluorescence sensing Fe3+ ions and CrO42â¯ anions, photocatalytic degrading dyes. Journal of Solid State Chemistry, 2022, 307, 122869.	2.9	1
169	Multi-functional Photoelectric Sensor Based on a Three-fold Interpenetrated Cd(II) Coordination Polymer for Sensitive Detecting Different Ions. Chemical Research in Chinese Universities, 2022, 38, 1105-1110.	2.6	1
170	Three Zn(II) coordination polymers as dualâ€responsive luminescent probes for highly selective detection of Fe 3+ cation and MnO 4 â¯ anion. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	1.2	1
171	A Multifunctional {P2Mo5}-based Hybrid Applying to Catalysis, Electrocatalysis and Dye Adsorption. Chemical Research in Chinese Universities, 2022, 38, 1553-1560.	2.6	1
172	Two flexible bis(pyrazole)-bis(amide) ligand directed Î²-octamolybdate-based metalâ€“organic complexes with different adsorption activities towards organic dyes and electrocatalytic properties. Inorganic Chemistry Communication, 2021, 129, 108580.	3.9	0
173	Two diverse nitrogen-site-directed 3D cobalt coordination polymers with Bi-/penta-nuclear subunits exhibiting multi-functional electrochemical and fluorescent sensing activities. Inorganic Chemistry Communication, 2021, 134, 108941.	3.9	0
174	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. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 55-63.	0.7	0
175	Various amide derivatives induced Keggin-type SiW12O404â¯-based cobalt complexes: assembly, structure, electrochemical sensing and dye adsorption properties. CrystEngComm, 2022, 24, 1195-1202.	2.6	0
176	Metal and bis(pyridyl)-bis(amide) ligands â€“ tuned three new nickel(II)/copper(II) coordination polymers: Syntheses, structures and properties. Polyhedron, 2022, 216, 115699.	2.2	0