Yun-Wu Li

List of Publications by Year
in descending order

100	3,505	147566	149479
papers	citations	31 h-index	56 g-index

101	101	101	2985
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microporous metalâ€“organic frameworks with open metal sites as sorbents for selective gas adsorption and fluorescence sensors for metal ions. Journal of Materials Chemistry A, 2013, 1, 495-499.	5.2	233
2	Tunable Light Emission and Multiresponsive Luminescent Sensitivities in Aqueous Solutions of Two Series of Lanthanide Metalâ€“Organic Frameworks Based on Structurally Related Ligands. ACS Applied Materials & Interfaces, 2019, 11, 7914-7926.	4.0	198
3	Structure Modulation in Zn(II)â€“1,4-Bis(imidazol-1-yl)benzene Frameworks by Varying Dicarboxylate Anions. Crystal Growth and Design, 2012, 12, 189-196.	1.4	162
4	Fe-MOF-Derived Efficient ORR/OER Bifunctional Electrocatalyst for Rechargeable Zincâ€“Air Batteries. ACS Applied Materials & Interfaces, 2020, 12, 44710-44719.	4.0	152
5	A Two-Fold Interpenetrated Coordination Framework with a Rare (3,6)-Connected loh1 Topology: Magnetic Properties and Photocatalytic Behavior. Crystal Growth and Design, 2012, 12, 5426-5431.	1.4	125
6	A flexible zwitterion ligand based lanthanide metalâ€“organic framework for luminescence sensing of metal ions and small molecules. Dalton Transactions, 2015, 44, 10914-10917.	1.6	124
7	Temperature- and vapor-induced reversible single-crystal-to-single-crystal transformations of three 2D/3D Gd^{III}â€“organic frameworks exhibiting significant magnetocaloric effects. Dalton Transactions, 2017, 46, 64-70.	1.6	119
8	Functionalization of Microporous Lanthanide-Based Metalâ€“Organic Frameworks by Dicarboxylate Ligands with Methyl-Substituted Thieno[2,3-b]thiophene Groups: Sensing Activities and Magnetic Properties. Inorganic Chemistry, 2016, 55, 5139-5151.	1.9	117
9	Nanocage-Based N-Rich Metalâ€“Organic Framework for Luminescence Sensing toward Fe³⁺ and Cu²⁺ Ions. Inorganic Chemistry, 2021, 60, 671-681.	1.9	97
10	Multiresponsive Luminescent Sensitivities of a 3D Cd-CP with Visual Turn-on and Ratiometric Sensing toward Al³⁺ and Cr³⁺ as Well as Turn-off Sensing toward Fe³⁺. Inorganic Chemistry, 2020, 59, 3828-3837.	1.9	94
11	A New Supramolecular Assembly Based on Triple-Dawson-Type Polyoxometalate and 3d-4f Heterometallic Cluster. Inorganic Chemistry, 2009, 48, 6452-6458.	1.9	88
12	A New 10-Connected Coordination Network with Pentanuclear Zinc Clusters as Secondary Building Units. Crystal Growth and Design, 2012, 12, 1064-1068.	1.4	84
13	Employing Zinc Clusters as SBUs To Construct (3,8) and (3,14)-Connected Coordination Networks: Structures, Topologies, and Luminescence. Crystal Growth and Design, 2012, 12, 2730-2735.	1.4	77
14	Two Unprecedented POM-Based Inorganicâ€“Organic Hybrids with Concomitant Heteropolytungstate and Molybdate. Inorganic Chemistry, 2017, 56, 2481-2489.	1.9	76
15	From 2D â† 3D interpenetration to packing: N coligand-driven structural assembly and tuning of luminescent sensing activities towards Fe³⁺ and Cr₂O₇^{2â^’} ions. Dalton Transactions, 2018, 47, 6240-6249.	1.6	76
16	Two microporous Fe-based MOFs with multiple active sites for selective gas adsorption. Chemical Communications, 2017, 53, 2394-2397.	2.2	72
17	Assembly of a series of d¹⁰ coordination polymers of pamoic acid through a mixed-ligand synthetic strategy: syntheses, structures and fluorescence properties. CrystEngComm, 2014, 16, 10658-10673.	1.3	64
18	Mn(ii) metalâ€“organic frameworks based on Mn3 clusters: from 2D layer to 3D framework by the â€œpillaringâ€•approach. CrystEngComm, 2013, 15, 1613.	1.3	60

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19	A new Cd(<scp>ii</scp>)-based metalâ€“organic framework for highly sensitive fluorescence sensing of nitrobenzene. CrystEngComm, 2015, 17, 2459-2463.	1.3	57
20	Space Craft-like Octanuclear Co(II)-Silsesquioxane Nanocages: Synthesis, Structure, Magnetic Properties, Solution Behavior, and Catalytic Activity for Hydroboration of Ketones. Inorganic Chemistry, 2019, 58, 4574-4582.	1.9	57
21	Bottom-up assembly of a porous MOF based on nanosized nonanuclear zinc precursors for highly selective gas adsorption. Journal of Materials Chemistry A, 2013, 1, 4186.	5.2	55
22	Two microporous MOFs constructed from different metal cluster SBUs for selective gas adsorption. Chemical Communications, 2015, 51, 14211-14214.	2.2	51
23	A three-dimensional metalâ€“organic framework for selective sensing of nitroaromatic compounds. APL Materials, 2014, 2, .	2.2	44
24	Two novel penetrating coordination polymers based on flexible S-containing dicarboxylate acid with sensing properties towards Fe3+ and Cr2O72- ions. Journal of Solid State Chemistry, 2018, 261, 75-85.	1.4	44
25	Dual-responsive luminescent sensors based on two Cd-MOFs: rare enhancement toward acac and quenching toward Cr₂O₇^{2â”}. CrystEngComm, 2020, 22, 3759-3767.	1.3	40
26	Structural Diversity of Copper(I) Cluster-Based Coordination Polymers with Pyrazine-2-thiol Ligand. Inorganic Chemistry, 2020, 59, 2680-2688.	1.9	39
27	An Fe-based MOF constructed from paddle-wheel and rod-shaped SBUs involved in situ generated acetate. CrystEngComm, 2011, 13, 6002.	1.3	38
28	Effects of Solvent and Doping Acid on the Morphology of Polyaniline Prepared with the Ice-Templating Method. Journal of Physical Chemistry C, 2010, 114, 9264-9269.	1.5	35
29	Nanocage-Based Porous Metalâ€“Organic Frameworks Constructed from Icosahedrons and Tetrahedrons for Selective Gas Adsorption. ACS Applied Materials & Interfaces, 2019, 11, 20104-20109.	4.0	35
30	Entangled zincâ€“ditetrazolate frameworks involving in situ ligand synthesis and topological modulation by various secondary N-donor ligands. Journal of Solid State Chemistry, 2009, 182, 736-743.	1.4	34
31	Dawson-type polyoxometalate-based vacancies g-C₃N₄ composite-nanomaterials for efficient photocatalytic nitrogen fixation. Inorganic Chemistry Frontiers, 2019, 6, 3315-3326.	3.0	32
32	Two Multiresponsive Luminescent Zn-MOFs for the Detection of Different Chemicals in Simulated Urine and Antibiotics/Cations/Anions in Aqueous Media. Inorganic Chemistry, 2022, 61, 7238-7250.	1.9	32
33	Solvent- and metal-directed lanthanide-organic frameworks based on pamoic acid: observation of slow magnetization relaxation, magnetocaloric effect and luminescent sensing. Science China Chemistry, 2016, 59, 948-958.	4.2	31
34	Structural modulation in two Cu^{II}-based MOFs by synergistic assembly involving the mixed-ligand synthetic strategy and the solvent effect. Dalton Transactions, 2014, 43, 15708-15712.	1.6	30
35	Two 2-D multifunctional cobalt(<scp>ii</scp>) compounds: field-induced single-ion magnetism and catalytic oxidation of benzylic Câ€“H bonds. Dalton Transactions, 2017, 46, 2137-2145.	1.6	29
36	Solvent-induced assembly of two helical Eu(III) metal-organic frameworks and fluorescence sensing activities towards nitrobenzene and Cu 2+ ions. Journal of Solid State Chemistry, 2017, 252, 142-151.	1.4	29

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37	A sixfold interpenetrated microporous MOF constructed from heterometallic tetranuclear cluster exhibiting selective gas adsorption. Dalton Transactions, 2011, 40, 10319.	1.6	28
38	Field-induced slow magnetic relaxation of two 1-D compounds containing six-coordinated cobalt(<scp>ii</scp>) ions: influence of the coordination geometry. Inorganic Chemistry Frontiers, 2018, 5, 2314-2320.	3.0	28
39	1-D multifunctional Ln-CPs: Luminescence probes for Fe3+ and Cr(VI) and uncommon discriminative detection between Cr2O72â^' and CrO42â^' of Tb-CP in various media. Journal of Luminescence, 2019, 213, 140-150.	1.5	28
40	Keggin and Dawson polyoxometalates as electrodes for flexible and transparent piezoelectric nanogenerators to efficiently utilize mechanical energy in the environment. Science Bulletin, 2020, 65, 35-44.	4.3	28
41	A new supramolecular compound based on MnIII-Schiff-base and Î²-octamolybdate. Inorganic Chemistry Communication, 2009, 12, 112-115.	1.8	27
42	Doping cobalt into a [Zn₇] cluster-based MOF to tune magnetic behaviour and induce fluorescence signal mutation. Dalton Transactions, 2014, 43, 11470-11473.	1.6	27
43	Core-shell structured Ni3S2@VO2 nanorods grown on nickel foam as battery-type materials for supercapacitors. Applied Surface Science, 2020, 508, 144876.	3.1	26
44	Synthesis of Aligned Polyaniline Belts by Interfacial Control Approach. Journal of Physical Chemistry C, 2011, 115, 12048-12053.	1.5	25
45	New synthetic route of polyoxometalate-based hybrids in choline chloride/urea eutectic media. Inorganica Chimica Acta, 2010, 363, 1556-1560.	1.2	23
46	Anionic passivation layer-assisted trapping of an icosahedral Ag13 kernel in a truncated tetrahedral Ag89 nanocluster. Science China Chemistry, 2021, 64, 1482-1486.	4.2	23
47	Boosting the capacitance of NiCo2O4 hierarchical structures on nickel foam in supercapacitors. International Journal of Hydrogen Energy, 2018, 43, 15348-15357.	3.8	21
48	A pillar-layered porous Co^{II}-MOF with dual active sites for selective gas adsorption. CrystEngComm, 2018, 20, 4905-4909.	1.3	21
49	Luminescent coordination polymers constructed using a mixed-ligand strategy for highly selective luminescence sensing of nitrobenzene, Fe³⁺ and Cr₂O₇^{2â^'} ions and photodegradation of rhodamine B. CrystEngComm, 2020, 22, 4650-4664.	1.3	21
50	A Cd-MOF fluorescence sensor with dual functional sites for efficient detection of metal ions in multifarious water environments. CrystEngComm, 2021, 23, 8392-8403.	1.3	20
51	Structure modulation from unstable to stable MOFs by regulating secondary N-donor ligands. Dalton Transactions, 2018, 47, 14025-14032.	1.6	19
52	Blue-shifted and naked-eye recognition of H2PO4â^' and acetylacetone based on a luminescent metalâ^'organic framework with new topology and good stability. Chinese Chemical Letters, 2023, 34, 107532.	4.8	19
53	New anion-templated 3D heterobimetallic open frameworks based on lanthanide-carboxylate layers and copper pillars. Journal of Solid State Chemistry, 2008, 181, 1485-1491.	1.4	17
54	Polyoxometalateâ€Derived Multiâ€Component X/W₂C@X,Nâ€C (X=Co, Si, Ge, B, and P) Nanoelectrocatalysts for Efficient Triiodide Reduction in Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2020, 26, 4104-4111.	1.7	17

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55	CoO/Co/N-C nanoparticles embedded in carbon as mediate for oxygen reduction electrocatalysts. Journal of Alloys and Compounds, 2021, 885, 161174.	2.8	17
56	Self-assembly, structures, magnetic properties and solution behaviors of six mixed-valence cobalt clusters. CrystEngComm, 2017, 19, 5897-5906.	1.3	16
57	Synthesis, structure, and photoluminescence of ZnII and CdII coordination complexes constructed by structurally related 5,6-substituted pyrazine-2,3-dicarboxylate ligands. Solid State Sciences, 2012, 14, 1117-1125.	1.5	15
58	Two microporous Co^{II}-MOFs with dual active sites for highly selective adsorption of CO₂/CH₄ and CO₂/N₂. Dalton Transactions, 2019, 48, 13541-13545.	1.6	14
59	The synthesis of alternating donorâ€“acceptor polymers based on pyrene-4,5,9,10-tetraone and thiophene derivatives, their composites with carbon, and their lithium storage performances as anode materials. RSC Advances, 2021, 11, 15044-15053.	1.7	14
60	A {Zn4} cluster as a bi-functional luminescence sensor for highly sensitive detection of chloride ions and histidine in aqueous media. Journal of Materials Chemistry C, 2022, 10, 8979-8993.	2.7	14
61	A new (8,3)-connected anionic 3-D open-framework based on paradodecatungstate and CuII linkers. Inorganica Chimica Acta, 2009, 362, 1078-1082.	1.2	13
62	New chiral coordination polymers constructed from well elaborated achiral and chiral ligands. RSC Advances, 2012, 2, 4348.	1.7	13
63	Proton conductivity studies on five isostructural MOFs with different acidity induced by metal cations. New Journal of Chemistry, 2020, 44, 17821-17830.	1.4	13
64	One-dimensional La(III) coordination polymer displaying multi-responsive luminescence activities towards Fe3+, acetone and benzothiozoles. Journal of Solid State Chemistry, 2021, 296, 121952.	1.4	13
65	A Co-MOF-derived Co₉S₈@NS-C electrocatalyst for efficient hydrogen evolution reaction. RSC Advances, 2021, 11, 5947-5957.	1.7	13
66	22-Azametallacrown-8 complex with a triazole-bridged ligand: synthesis, structure and magnetic properties. Dalton Transactions, 2014, 43, 16986-16991.	1.6	12
67	Single-crystal-to-single-crystal transformations among three Mn-MOFs containing different water molecules induced by reaction time: crystal structures and proton conductivities. Dalton Transactions, 2021, 50, 11077-11090.	1.6	11
68	Topological modulation of metalâ€“thiadiazole dicarboxylate coordination polymers through auxiliary ligand alteration. CrystEngComm, 2015, 17, 4301-4308.	1.3	10
69	Facile synthesis of polyaniline hemispheres in diethyl ether/ice mixture solvent and growth mechanism study. Journal of Polymer Science Part A, 2010, 48, 3596-3603.	2.5	9
70	A new anionic metalâ€“organic framework showing tunable emission by lanthanide(III) doping and highly selective CO₂ adsorption properties. RSC Advances, 2015, 5, 24655-24660.	1.7	9
71	Entangled 3D metal-organic architectures from the self-assembly of mixed ligands and transition-metal ions. Journal of Molecular Structure, 2008, 877, 56-63.	1.8	8
72	Coexistence of self- and interpenetration in two (3,6)-connected porous coordination polymers. CrystEngComm, 2016, 18, 8574-8577.	1.3	8

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73	Multifunctional sensing activities toward heavy metals of three luminescent complexes: Effect of N-donor coligands and sensing medium. Dyes and Pigments, 2021, 190, 109291.	2.0	8
74	Fabrication of a Stable Europium-Based Luminescent Sensor for Fast Detection of Urinary 1-Hydroxypyrene Constructed from a Tetracarboxylate Ligand. Inorganic Chemistry, 2021, 60, 19189-19196.	1.9	8
75	Chiral mononuclear Dy(III) complex based on pyrrolidine-dithiocarboxylate S-donors with field-induced single-ion magnet behavior. Inorganica Chimica Acta, 2018, 473, 145-151.	1.2	7
76	Solution behavior and magnetic properties of a novel nonanuclear copper(<scp>ii</scp>) cluster. New Journal of Chemistry, 2018, 42, 17884-17888.	1.4	7
77	A dinuclear cobalt cluster as electrocatalyst for oxygen reduction reaction. RSC Advances, 2019, 9, 42554-42560.	1.7	7
78	Two acidic coordination polymers containing uncoordinated carboxyl groups: Syntheses, crystal structures and proton conductivities in Nafion composite membranes. Journal of Solid State Chemistry, 2021, 295, 121932.	1.4	7
79	Hierarchical Feâ€“Mn binary metal oxide coreâ€“shell nano-polyhedron as a bifunctional electrocatalyst for efficient water splitting. Dalton Transactions, 2021, 50, 17265-17274.	1.6	7
80	A new 8-connected self-penetrating metalâ€“organic framework based on dinuclear cadmium clusters as secondary building units. Chinese Chemical Letters, 2013, 24, 691-694.	4.8	6
81	Structure modulation in zincâ€“ditetrazolate coordination polymers by in situ ligand synthesis. RSC Advances, 2015, 5, 88809-88815.	1.7	6
82	PH-dependent fluorescence sensing activities of two water-stable 2-D zinc(II) compounds. Inorganic Chemistry Communication, 2017, 81, 59-66.	1.8	6
83	Silicaâ€“Organometallic One-Dimensional Hybrid Employing a Agâ˜Ï€_{Câ•C} Bond Connecting Alternating Ag₄(NO₃)₄ and Octavinylsilsesquioxane. Inorganic Chemistry, 2021, 60, 2899-2904.	1.9	6
84	A series of microporous and robust Ln-MOFs showing luminescence properties and catalytic performances towards Knoevenagel reactions. Dalton Transactions, 2021, 50, 17785-17791.	1.6	6
85	Two new polyoxometalate-based organic-inorganic hybrids: synthesis, crystal structure and characterization. Journal of Coordination Chemistry, 2009, 62, 1035-1050.	0.8	5
86	Syntheses, structures, fluorescence sensing and magnetic properties of two coordination polymers based on 5-(benzimidazol-2-yl) isophthalic acid ligand. Inorganica Chimica Acta, 2018, 469, 515-522.	1.2	5
87	A bell-like 15-metallacrown-5 complex from flexible H2Glyha ligand: Synthesis, structure and filed-induced slow magnetic relaxation. Journal of Molecular Structure, 2020, 1221, 128822.	1.8	5
88	A new Co-based metalâ€“organic framework constructed from infinite sinusoidal-like rod-shaped secondary building units. Inorganic Chemistry Communication, 2014, 47, 67-70.	1.8	4
89	Two New Dinuclear Metal Clusters (M2) (MÂ=ÂNi and Co) Constructed from a Rare Multidentate Ligand Involving Addition Reaction for In Situ Ligand Synthesis. Journal of Cluster Science, 2016, 27, 1945-1952.	1.7	4
90	A 2D lanthanum coordination polymer as a multiresponsive luminescent chemosensor with fast response and high sensitivity. Journal of Solid State Chemistry, 2020, 283, 121173.	1.4	4

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91	The synthesis of the conjugated polymers based on phenanthroline-5,6-dione and thiophene derivatives, their composites with carbon and the lithium storage performances as anode materials. Journal of Electroanalytical Chemistry, 2021, 900, 115737.	1.9	4
92	A new pillared-layer 3D coordination polymer involving in situ generated formate. Journal of Molecular Structure, 2015, 1081, 362-365.	1.8	3
93	A New Metalâ€“Organic Framework Constructed from Trinuclear {Cd3} Clusters as Secondary Building Units. Journal of Cluster Science, 2015, 26, 1403-1411.	1.7	3
94	A luminescent zincâ€“anthracene-ditetrazolate coordination polymer material constructed from {Zn4} ring SBU involving in situ ligand synthesis. Materials Letters, 2016, 179, 24-26.	1.3	3
95	Freezing-mediated polymerization of Ag nanoparticle-embedded polyaniline belts with polyoxometalate as doping acid exhibiting UV-photosensitivity. RSC Advances, 2016, 6, 46475-46478.	1.7	3
96	Structure Modulation in Four New Coordination Polymers by In Situ Ligands Synthesis of Anthracene Derivatives and Various Auxiliary N-donor Ligands. Journal of Cluster Science, 2016, 27, 1293-1306.	1.7	3
97	Proton conductivities of four low dimensional MOFs: affected by the amount of chelated ligands. CrystEngComm, 2021, 23, 5106-5115.	1.3	3
98	One amino-functionalized luminescence sensor demonstrating high sensitivity and selectivity for detecting Al3+ and Cu2+ as well as its luminescent mixed matrix membranes and test papers. Journal of Solid State Chemistry, 2022, 305, 122705.	1.4	2
99	Interpenetrated N-rich MOF derived vesicular N-doped carbon for high performance lithium ion battery. Dalton Transactions, 2022, 51, 7817-7827.	1.6	2
100	Slow Magnetic Relaxation in a [Na 2 Dy 4] Complex and Coexistence of Multiple Metal Rings. European Journal of Inorganic Chemistry, 2021, 2021, 740-747.	1.0	1