

Yun-Wu Li

List of Publications by Year in descending order

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100
papers

3,505
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147566

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149479

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101
all docs

101
docs citations

101
times ranked

2985
citing authors

#	ARTICLE	IF	CITATIONS
1	Blue-shifted and naked-eye recognition of H ₂ PO ₄ ³⁻ and acetylacetone based on a luminescent metal-organic framework with new topology and good stability. <i>Chinese Chemical Letters</i> , 2023, 34, 107532.	4.8	19
2	One amino-functionalized luminescence sensor demonstrating high sensitivity and selectivity for detecting Al ³⁺ and Cu ²⁺ as well as its luminescent mixed matrix membranes and test papers. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122705.	1.4	2
3	Interpenetrated N-rich MOF derived vesicular N-doped carbon for high performance lithium ion battery. <i>Dalton Transactions</i> , 2022, 51, 7817-7827.	1.6	2
4	Two Multiresponsive Luminescent Zn-MOFs for the Detection of Different Chemicals in Simulated Urine and Antibiotics/Cations/Anions in Aqueous Media. <i>Inorganic Chemistry</i> , 2022, 61, 7238-7250.	1.9	32
5	A {Zn ₄ } cluster as a bi-functional luminescence sensor for highly sensitive detection of chloride ions and histidine in aqueous media. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8979-8993.	2.7	14
6	Proton conductivities of four low dimensional MOFs: affected by the amount of chelated ligands. <i>CrystEngComm</i> , 2021, 23, 5106-5115.	1.3	3
7	The synthesis of alternating donor-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. <i>RSC Advances</i> , 2021, 11, 15044-15053.	1.7	14
8	Nanocage-Based N-Rich Metal-Organic Framework for Luminescence Sensing toward Fe ³⁺ and Cu ²⁺ Ions. <i>Inorganic Chemistry</i> , 2021, 60, 671-681.	1.9	97
9	Silica-Organometallic One-Dimensional Hybrid Employing a Ag ^I -C Bond Connecting Alternating Ag ₄ (NO ₃) ₄ and Octavinylsilsesquioxane. <i>Inorganic Chemistry</i> , 2021, 60, 2899-2904.	1.9	6
10	Slow Magnetic Relaxation in a [Na ₂ Dy ₄] Complex and Coexistence of Multiple Metal Rings. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 740-747.	1.0	1
11	Two acidic coordination polymers containing uncoordinated carboxyl groups: Syntheses, crystal structures and proton conductivities in Nafion composite membranes. <i>Journal of Solid State Chemistry</i> , 2021, 295, 121932.	1.4	7
12	One-dimensional La(III) coordination polymer displaying multi-responsive luminescence activities towards Fe ³⁺ , acetone and benzothiozoles. <i>Journal of Solid State Chemistry</i> , 2021, 296, 121952.	1.4	13
13	Multifunctional sensing activities toward heavy metals of three luminescent complexes: Effect of N-donor coligands and sensing medium. <i>Dyes and Pigments</i> , 2021, 190, 109291.	2.0	8
14	Anionic passivation layer-assisted trapping of an icosahedral Ag ₁₃ kernel in a truncated tetrahedral Ag ₈₉ nanocluster. <i>Science China Chemistry</i> , 2021, 64, 1482-1486.	4.2	23
15	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. <i>Journal of Electroanalytical Chemistry</i> , 2021, 900, 115737.	1.9	4
16	CoO/Co/N-C nanoparticles embedded in carbon as mediate for oxygen reduction electrocatalysts. <i>Journal of Alloys and Compounds</i> , 2021, 885, 161174.	2.8	17
17	Single-crystal-to-single-crystal transformations among three Mn-MOFs containing different water molecules induced by reaction time: crystal structures and proton conductivities. <i>Dalton Transactions</i> , 2021, 50, 11077-11090.	1.6	11
18	A Co-MOF-derived Co ₉ S ₈ @NS-C electrocatalyst for efficient hydrogen evolution reaction. <i>RSC Advances</i> , 2021, 11, 5947-5957.	1.7	13

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19	A Cd-MOF fluorescence sensor with dual functional sites for efficient detection of metal ions in multifarious water environments. <i>CrystEngComm</i> , 2021, 23, 8392-8403.	1.3	20
20	Hierarchical Fe-Mn binary metal oxide core-shell nano-polyhedron as a bifunctional electrocatalyst for efficient water splitting. <i>Dalton Transactions</i> , 2021, 50, 17265-17274.	1.6	7
21	A series of microporous and robust Ln-MOFs showing luminescence properties and catalytic performances towards Knoevenagel reactions. <i>Dalton Transactions</i> , 2021, 50, 17785-17791.	1.6	6
22	Fabrication of a Stable Europium-Based Luminescent Sensor for Fast Detection of Urinary 1-Hydroxypyrene Constructed from a Tetracarboxylate Ligand. <i>Inorganic Chemistry</i> , 2021, 60, 19189-19196.	1.9	8
23	Polyoxometalate-Derived Multi-Component $X/W_2C@X_N$ ($X=Co, Si, Ge, B, \text{ and } P$) Nanoelectrocatalysts for Efficient Triiodide Reduction in Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2020, 26, 4104-4111.	1.7	17
24	Keggin and Dawson polyoxometalates as electrodes for flexible and transparent piezoelectric nanogenerators to efficiently utilize mechanical energy in the environment. <i>Science Bulletin</i> , 2020, 65, 35-44.	4.3	28
25	Core-shell structured Ni ₃ S ₂ @VO ₂ nanorods grown on nickel foam as battery-type materials for supercapacitors. <i>Applied Surface Science</i> , 2020, 508, 144876.	3.1	26
26	A 2D lanthanum coordination polymer as a multiresponsive luminescent chemosensor with fast response and high sensitivity. <i>Journal of Solid State Chemistry</i> , 2020, 283, 121173.	1.4	4
27	Proton conductivity studies on five isostructural MOFs with different acidity induced by metal cations. <i>New Journal of Chemistry</i> , 2020, 44, 17821-17830.	1.4	13
28	Fe-MOF-Derived Efficient ORR/OER Bifunctional Electrocatalyst for Rechargeable Zinc-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44710-44719.	4.0	152
29	Luminescent coordination polymers constructed using a mixed-ligand strategy for highly selective luminescence sensing of nitrobenzene, Fe ³⁺ and Cr ₂ O ₇ ²⁻ ions and photodegradation of rhodamine B. <i>CrystEngComm</i> , 2020, 22, 4650-4664.	1.3	21
30	Multiresponsive Luminescent Sensitivities of a 3D Cd-CP with Visual Turn-on and Ratiometric Sensing toward Al ³⁺ and Cr ³⁺ as Well as Turn-off Sensing toward Fe ³⁺ . <i>Inorganic Chemistry</i> , 2020, 59, 3828-3837.	1.9	94
31	A bell-like 15-metallacrown-5 complex from flexible H ₂ Glyha ligand: Synthesis, structure and field-induced slow magnetic relaxation. <i>Journal of Molecular Structure</i> , 2020, 1221, 128822.	1.8	5
32	Structural Diversity of Copper(I) Cluster-Based Coordination Polymers with Pyrazine-2-thiol Ligand. <i>Inorganic Chemistry</i> , 2020, 59, 2680-2688.	1.9	39
33	Dual-responsive luminescent sensors based on two Cd-MOFs: rare enhancement toward acac and quenching toward Cr ₂ O ₇ ²⁻ . <i>CrystEngComm</i> , 2020, 22, 3759-3767.	1.3	40
34	Two microporous Co ^{II} -MOFs with dual active sites for highly selective adsorption of CO ₂ /CH ₄ and CO ₂ /N ₂ . <i>Dalton Transactions</i> , 2019, 48, 13541-13545.	1.6	14
35	Tunable Light Emission and Multiresponsive Luminescent Sensitivities in Aqueous Solutions of Two Series of Lanthanide Metal-Organic Frameworks Based on Structurally Related Ligands. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7914-7926.	4.0	198
36	Nanocage-Based Porous Metal-Organic Frameworks Constructed from Icosahedrons and Tetrahedrons for Selective Gas Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20104-20109.	4.0	35

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37	1-D multifunctional Ln-CPs: Luminescence probes for Fe ³⁺ and Cr(VI) and uncommon discriminative detection between Cr ²⁺ and Cr ⁴⁺ of Tb-CP in various media. <i>Journal of Luminescence</i> , 2019, 213, 140-150.	1.5	28
38	Space Craft-like Octanuclear Co(II)-Silsesquioxane Nanocages: Synthesis, Structure, Magnetic Properties, Solution Behavior, and Catalytic Activity for Hydroboration of Ketones. <i>Inorganic Chemistry</i> , 2019, 58, 4574-4582.	1.9	57
39	Dawson-type polyoxometalate-based vacancies <i>g</i> -C ₃ N ₄ composite-nanomaterials for efficient photocatalytic nitrogen fixation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3315-3326.	3.0	32
40	A dinuclear cobalt cluster as electrocatalyst for oxygen reduction reaction. <i>RSC Advances</i> , 2019, 9, 42554-42560.	1.7	7
41	From 2D to 3D interpenetration to packing: N coligand-driven structural assembly and tuning of luminescent sensing activities towards Fe ³⁺ and Cr ²⁺ ions. <i>Dalton Transactions</i> , 2018, 47, 6240-6249.	1.6	76
42	Two novel penetrating coordination polymers based on flexible S-containing dicarboxylate acid with sensing properties towards Fe ³⁺ and Cr ²⁺ ions. <i>Journal of Solid State Chemistry</i> , 2018, 261, 75-85.	1.4	44
43	Chiral mononuclear Dy(III) complex based on pyrrolidine-dithiocarboxylate S-donors with field-induced single-ion magnet behavior. <i>Inorganica Chimica Acta</i> , 2018, 473, 145-151.	1.2	7
44	Syntheses, structures, fluorescence sensing and magnetic properties of two coordination polymers based on 5-(benzimidazol-2-yl) isophthalic acid ligand. <i>Inorganica Chimica Acta</i> , 2018, 469, 515-522.	1.2	5
45	Solution behavior and magnetic properties of a novel nonanuclear copper(II) cluster. <i>New Journal of Chemistry</i> , 2018, 42, 17884-17888.	1.4	7
46	Structure modulation from unstable to stable MOFs by regulating secondary N-donor ligands. <i>Dalton Transactions</i> , 2018, 47, 14025-14032.	1.6	19
47	Boosting the capacitance of NiCo ₂ O ₄ hierarchical structures on nickel foam in supercapacitors. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15348-15357.	3.8	21
48	Field-induced slow magnetic relaxation of two 1-D compounds containing six-coordinated cobalt(II) ions: influence of the coordination geometry. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2314-2320.	3.0	28
49	A pillar-layered porous Co ^{II} -MOF with dual active sites for selective gas adsorption. <i>CrystEngComm</i> , 2018, 20, 4905-4909.	1.3	21
50	Two 2-D multifunctional cobalt(II) compounds: field-induced single-ion magnetism and catalytic oxidation of benzylic C-H bonds. <i>Dalton Transactions</i> , 2017, 46, 2137-2145.	1.6	29
51	Two microporous Fe-based MOFs with multiple active sites for selective gas adsorption. <i>Chemical Communications</i> , 2017, 53, 2394-2397.	2.2	72
52	Two Unprecedented POM-Based Inorganic-Organic Hybrids with Concomitant Heteropolytungstate and Molybdate. <i>Inorganic Chemistry</i> , 2017, 56, 2481-2489.	1.9	76
53	pH-dependent fluorescence sensing activities of two water-stable 2-D zinc(II) compounds. <i>Inorganic Chemistry Communication</i> , 2017, 81, 59-66.	1.8	6
54	Solvent-induced assembly of two helical Eu(III) metal-organic frameworks and fluorescence sensing activities towards nitrobenzene and Cu ²⁺ ions. <i>Journal of Solid State Chemistry</i> , 2017, 252, 142-151.	1.4	29

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55	Temperature- and vapor-induced reversible single-crystal-to-single-crystal transformations of three 2D/3D Gd ^{III} organic frameworks exhibiting significant magnetocaloric effects. Dalton Transactions, 2017, 46, 64-70.	1.6	119
56	Self-assembly, structures, magnetic properties and solution behaviors of six mixed-valence cobalt clusters. CrystEngComm, 2017, 19, 5897-5906.	1.3	16
57	A luminescent zinc anthracene-ditetrazolate coordination polymer material constructed from {Zn4} ring SBU involving in situ ligand synthesis. Materials Letters, 2016, 179, 24-26.	1.3	3
58	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
59	Functionalization of Microporous Lanthanide-Based Metal-Organic Frameworks by Dicarboxylate Ligands with Methyl-Substituted Thieno[2,3- <i>b</i>]thiophene Groups: Sensing Activities and Magnetic Properties. Inorganic Chemistry, 2016, 55, 5139-5151.	1.9	117
60	Coexistence of self- and interpenetration in two (3,6)-connected porous coordination polymers. CrystEngComm, 2016, 18, 8574-8577.	1.3	8
61	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
62	Two New Dinuclear Metal Clusters (M ₂) (M = Ni 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
63	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
64	A new pillared-layer 3D coordination polymer involving in situ generated formate. Journal of Molecular Structure, 2015, 1081, 362-365.	1.8	3
65	A new Cd-based metal-organic framework for highly sensitive fluorescence sensing of nitrobenzene. CrystEngComm, 2015, 17, 2459-2463.	1.3	57
66	A new anionic metal-organic framework showing tunable emission by lanthanide(III) doping and highly selective CO ₂ adsorption properties. RSC Advances, 2015, 5, 24655-24660.	1.7	9
67	Two microporous MOFs constructed from different metal cluster SBUs for selective gas adsorption. Chemical Communications, 2015, 51, 14211-14214.	2.2	51
68	Topological modulation of metal-thiadiazole dicarboxylate coordination polymers through auxiliary ligand alteration. CrystEngComm, 2015, 17, 4301-4308.	1.3	10
69	A New Metal-Organic Framework Constructed from Trinuclear {Cd ₃ } Clusters as Secondary Building Units. Journal of Cluster Science, 2015, 26, 1403-1411.	1.7	3
70	Structure modulation in zinc ditetrazolate coordination polymers by in situ ligand synthesis. RSC Advances, 2015, 5, 88809-88815.	1.7	6
71	A flexible zwitterion ligand based lanthanide metal-organic framework for luminescence sensing of metal ions and small molecules. Dalton Transactions, 2015, 44, 10914-10917.	1.6	124
72	A three-dimensional metal-organic framework for selective sensing of nitroaromatic compounds. APL Materials, 2014, 2, .	2.2	44

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73	Assembly of a series of d^{10} coordination polymers of pamoic acid through a mixed-ligand synthetic strategy: syntheses, structures and fluorescence properties. <i>CrystEngComm</i> , 2014, 16, 10658-10673.	1.3	64
74	22-Azametallacrown-8 complex with a triazole-bridged ligand: synthesis, structure and magnetic properties. <i>Dalton Transactions</i> , 2014, 43, 16986-16991.	1.6	12
75	A new Co-based metal-organic framework constructed from infinite sinusoidal-like rod-shaped secondary building units. <i>Inorganic Chemistry Communication</i> , 2014, 47, 67-70.	1.8	4
76	Doping cobalt into a $[Zn_7]$ cluster-based MOF to tune magnetic behaviour and induce fluorescence signal mutation. <i>Dalton Transactions</i> , 2014, 43, 11470-11473.	1.6	27
77	Structural modulation in two Cu_{II} -based MOFs by synergistic assembly involving the mixed-ligand synthetic strategy and the solvent effect. <i>Dalton Transactions</i> , 2014, 43, 15708-15712.	1.6	30
78	Mn(II) metal-organic frameworks based on Mn_3 clusters: from 2D layer to 3D framework by the μ_3 -pillaring approach. <i>CrystEngComm</i> , 2013, 15, 1613.	1.3	60
79	Microporous metal-organic frameworks with open metal sites as sorbents for selective gas adsorption and fluorescence sensors for metal ions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 495-499.	5.2	233
80	A new 8-connected self-penetrating metal-organic framework based on dinuclear cadmium clusters as secondary building units. <i>Chinese Chemical Letters</i> , 2013, 24, 691-694.	4.8	6
81	Bottom-up assembly of a porous MOF based on nanosized nonanuclear zinc precursors for highly selective gas adsorption. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4186.	5.2	55
82	Structure Modulation in $Zn(II)$ -1,4-Bis(imidazol-1-yl)benzene Frameworks by Varying Dicarboxylate Anions. <i>Crystal Growth and Design</i> , 2012, 12, 189-196.	1.4	162
83	New chiral coordination polymers constructed from well elaborated achiral and chiral ligands. <i>RSC Advances</i> , 2012, 2, 4348.	1.7	13
84	Employing Zinc Clusters as SBUs To Construct (3,8) and (3,14)-Connected Coordination Networks: Structures, Topologies, and Luminescence. <i>Crystal Growth and Design</i> , 2012, 12, 2730-2735.	1.4	77
85	A New 10-Connected Coordination Network with Pentanuclear Zinc Clusters as Secondary Building Units. <i>Crystal Growth and Design</i> , 2012, 12, 1064-1068.	1.4	84
86	Synthesis, structure, and photoluminescence of Zn_{II} and Cd_{II} coordination complexes constructed by structurally related 5,6-substituted pyrazine-2,3-dicarboxylate ligands. <i>Solid State Sciences</i> , 2012, 14, 1117-1125.	1.5	15
87	A Two-Fold Interpenetrated Coordination Framework with a Rare (3,6)-Connected loh_1 Topology: Magnetic Properties and Photocatalytic Behavior. <i>Crystal Growth and Design</i> , 2012, 12, 5426-5431.	1.4	125
88	Synthesis of Aligned Polyaniline Belts by Interfacial Control Approach. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12048-12053.	1.5	25
89	An Fe-based MOF constructed from paddle-wheel and rod-shaped SBUs involved in situ generated acetate. <i>CrystEngComm</i> , 2011, 13, 6002.	1.3	38
90	A sixfold interpenetrated microporous MOF constructed from heterometallic tetranuclear cluster exhibiting selective gas adsorption. <i>Dalton Transactions</i> , 2011, 40, 10319.	1.6	28

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91	New synthetic route of polyoxometalate-based hybrids in choline chloride/urea eutectic media. <i>Inorganica Chimica Acta</i> , 2010, 363, 1556-1560.	1.2	23
92	Facile synthesis of polyaniline hemispheres in diethyl ether/ice mixture solvent and growth mechanism study. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3596-3603.	2.5	9
93	Effects of Solvent and Doping Acid on the Morphology of Polyaniline Prepared with the Ice-Templating Method. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9264-9269.	1.5	35
94	A new (8,3)-connected anionic 3-D open-framework based on paradodecatungstate and CuII linkers. <i>Inorganica Chimica Acta</i> , 2009, 362, 1078-1082.	1.2	13
95	Entangled zinc(II)-ditetrazolate frameworks involving in situ ligand synthesis and topological modulation by various secondary N-donor ligands. <i>Journal of Solid State Chemistry</i> , 2009, 182, 736-743.	1.4	34
96	A new supramolecular compound based on Mn(III)-Schiff-base and UO_2^{2+} -octamolybdate. <i>Inorganic Chemistry Communication</i> , 2009, 12, 112-115.	1.8	27
97	A New Supramolecular Assembly Based on Triple-Dawson-Type Polyoxometalate and 3d-4f Heterometallic Cluster. <i>Inorganic Chemistry</i> , 2009, 48, 6452-6458.	1.9	88
98	Two new polyoxometalate-based organic-inorganic hybrids: synthesis, crystal structure and characterization. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1035-1050.	0.8	5
99	New anion-templated 3D heterobimetallic open frameworks based on lanthanide-carboxylate layers and copper pillars. <i>Journal of Solid State Chemistry</i> , 2008, 181, 1485-1491.	1.4	17
100	Entangled 3D metal-organic architectures from the self-assembly of mixed ligands and transition-metal ions. <i>Journal of Molecular Structure</i> , 2008, 877, 56-63.	1.8	8