

Hua Yang

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58

papers

818

citations

15

h-index

28

g-index

67

ext. papers

1,114

ext. citations

4.8

avg, IF

4.22

L-index

#	Paper	IF	Citations
58	Simultaneous Trapping of C ₂ H ₂ and C ₂ H ₆ from a Ternary Mixture of C ₂ H ₂ /C ₂ H ₄ /C ₂ H ₆ in a Robust Metal-Organic Framework for the Purification of C ₂ H ₄ . <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16067-16071	16.4	121
57	Syntheses, crystal structures, and properties of five mixed-ligand coordination polymers based on novel quaterphenyl-2,5,2',5'-tetracarboxylic acid ligand. <i>CrystEngComm</i> , 2012 , 14, 2053	3.3	66
56	Two microporous Fe-based MOFs with multiple active sites for selective gas adsorption. <i>Chemical Communications</i> , 2017 , 53, 2394-2397	5.8	58
55	Spontaneous chiral resolution of a 3D (3,12)-connected MOF with an unprecedented ttt topology consisting of cubic [Cd ₄ (β-OH) ₄] clusters and propeller-like ligands. <i>CrystEngComm</i> , 2014 , 16, 3829	3.3	56
54	Fe-MOF-Derived Efficient ORR/OER Bifunctional Electrocatalyst for Rechargeable Zinc-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 44710-44719	9.5	54
53	A new Cd(II)-based metal-organic framework for highly sensitive fluorescence sensing of nitrobenzene. <i>CrystEngComm</i> , 2015 , 17, 2459-2463	3.3	52
52	Simultaneous Trapping of C ₂ H ₂ and C ₂ H ₆ from a Ternary Mixture of C ₂ H ₂ /C ₂ H ₄ /C ₂ H ₆ in a Robust Metal-Organic Framework for the Purification of C ₂ H ₄ . <i>Angewandte Chemie</i> , 2018 , 130, 16299-16303	3.6	47
51	Nanocage-Based N-Rich Metal-Organic Framework for Luminescence Sensing toward Fe and Cu Ions. <i>Inorganic Chemistry</i> , 2021 , 60, 671-681	5.1	41
50	Room temperature synthesis of CdS/SrTiO ₃ nanodots-on-nanocubes for efficient photocatalytic H ₂ evolution from water. <i>Journal of Colloid and Interface Science</i> , 2019 , 536, 694-700	9.3	31
49	Ferromagnetic Polarization: The Quantum Picture of Switching On/Off Single-Molecule Magnetism. <i>Inorganic Chemistry</i> , 2016 , 55, 5914-23	5.1	29
48	Solvent dependent reactivities of di-, tetra- and hexanuclear manganese complexes: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , 2015 , 44, 6620-9	4.3	22
47	Di-, tri-, and tetranuclear cobalt, copper, and manganese complexes bridged by hydroxyl groups of tetradentate Schiff base ligands: structures, magnetic properties, and antitumor activities. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 81-95	1.6	22
46	A family of 12-azametallacrown-4 structural motif with heterometallic Mn(III)-Ln-Mn(III)-Ln (Ln=Dy, Er, Yb, Tb, Y) alternate arrangement and single-molecule magnet behavior. <i>Chemistry - A European Journal</i> , 2015 , 21, 14478-85	4.8	19
45	Synthesis, crystal structure, DNA-binding and magnetism of copper 15-metallacrown-5 complexes based on glycinehydroxamic acid ligand. <i>RSC Advances</i> , 2016 , 6, 47196-47202	3.7	17
44	Co-Doped FeS ₂ with a porous structure for efficient electrocatalytic overall water splitting. <i>New Journal of Chemistry</i> , 2020 , 44, 1711-1718	3.6	16
43	A new family of {Co ₄ Ln ₈ } metallacrowns with a butterfly-shaped structure. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1904-1908	6.8	15
42	A New Family of 2D Coordination Polymers Based on 3d-4f 15-Metallacrown-5 Units: Synthesis, Structure, and Single-Molecule Magnet Behavior. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2839-2843	2.3	12

41	22-Azametallacrown-8 complex with a triazole-bridged ligand: synthesis, structure and magnetic properties. <i>Dalton Transactions</i> , 2014 , 43, 16986-91	4.3	12
40	Exploratory syntheses and structural characterizations of three organic-inorganic hybrid polyoxomolybdate frameworks linked by M(II)-Ln units (M = Ni, Co, Zn; L = 2,2'-biimidazole). <i>Journal of Coordination Chemistry</i> , 2011 , 64, 2531-2544	1.6	9
39	Investigating the effect of lanthanide radius and diamagnetic linkers on the framework of metallacrown complexes. <i>Dalton Transactions</i> , 2020 , 49, 1955-1962	4.3	9
38	Three new heterometallic ZnII/III complexes with a windmill-like framework and field-induced SMM behavior. <i>New Journal of Chemistry</i> , 2020 , 44, 2555-2560	3.6	8
37	Five Lanthanide-Based Metal-Organic Frameworks Built from a π -Conjugated Ligand with Isophthalate Units Featuring Sensitive Fluorescent Sensing for DMF and Acetone Molecules. <i>Crystal Growth and Design</i> , 2021 , 21, 2954-2961	3.5	8
36	One Novel Three-dimensional Network Constructed from [Mn(4,4'-bip)2(OH2)4]2+ Cations and DBA2- Anions via Hydrogen-bonding and π -Interactions. <i>Journal of Chemical Crystallography</i> , 2007 , 37, 717-720	0.5	6
35	Vanadium-doped NiS2 porous nanospheres with high selectivity and stability for the electroreduction of nitrogen to ammonia. <i>Inorganic Chemistry Frontiers</i> ,	6.8	6
34	Structure modulation in zinc-tetrazolate coordination polymers by in situ ligand synthesis. <i>RSC Advances</i> , 2015 , 5, 88809-88815	3.7	5
33	Structures and magnetism of two manganese crowns assembled with 2,4-dihydroxyacetophenone oxime. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 306-315	1.6	5
32	Copper(II) Complexes Based on Aminohydroxamic Acids: Synthesis, Structures, In Vitro Cytotoxicities and DNA/BSA Interactions. <i>Crystals</i> , 2018 , 8, 201	2.3	4
31	Heterogeneous Nitrogen-doped Graphene Catalysed HOO \cdot Generation via a Non-radical Mechanism for Base-free Dakin Reaction. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 5210-5216	5.6	4
30	Transition Metal Complexes with the Schiff Base Ligand 1-[[2-(2-Hydroxyethylamino)ethylimino]methyl]naphthalen-2-ol. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 414-423	1.3	4
29	Two Novel Heterothiometallic Clusters Modified by 1,1'-Bis(diphenylphosphino) ferrocene (dppf) in Quasi-Closed Bridging Mode: Syntheses, Structures and Properties. <i>Journal of Cluster Science</i> , 2012 , 23, 545-555	3	4
28	Synthesis, Supramolecular Architecture and DNA Binding Studies of a Novel Heterotrinary FeIII/CoII/FeIII Complex: [Co(phen)2][Fe(phen)(CN)4]2 \cdot 4H2O (phen = 1,10-phenanthroline). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010 , 20, 168-176	3.2	4
27	Electrocatalytic N Reduction on FeS Nanoparticles Embedded in Graphene Oxide in Acid and Neutral Conditions. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 50027-50036	9.5	4
26	Highly active PdCu/graphene catalyst for an efficient Suzuki cross-coupling reaction. <i>New Journal of Chemistry</i> , 2020 , 44, 20525-20529	3.6	4
25	A Carbonate-Templated Decanuclear Mn Nanocage with Two Different Silsesquioxane Ligands. <i>Inorganic Chemistry</i> , 2021 , 60, 14866-14871	5.1	4
24	Rh-Catalyzed C-H (Het)arylation/Vinylation of -2,6-Difluoroaryl Acrylamides. <i>Organic Letters</i> , 2021 , 23, 656-662	6.2	3

23	A Co-MOF-derived CoS@NS-C electrocatalyst for efficient hydrogen evolution reaction.. <i>RSC Advances</i> , 2021 , 11, 5947-5957	3.7	3
22	1,2,5,6-Naphthalenediimide-based conjugated copolymers linked by ethynyl units. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017 , 35, 1342-1351	3.5	2
21	Low-temperature heat capacities and thermodynamic properties of n-undecylammonium bromide monohydrate C ₁₁ H ₂₈ BrNO(s). <i>Phase Transitions</i> , 2012 , 85, 809-823	1.3	2
20	A new linear trinuclear cobalt complex bearing oximato and azido ligands: synthesis, structure, and magnetic characterization. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 3308-3315	1.6	2
19	A New Nitrosyl-bridged Bimetallic Nitroprusside Complex: Synthesis, Crystal Structure, Supramolecular Self-assembly and Spectral Behavior of Interactions with DNA. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010 , 20, 657-665	3.2	2
18	One Novel Vanadium-Phosphate Cluster [PV ₂ .5O ₈ .5]B ₃ .83{H ₂ O} with Three-Dimensional Architecture. <i>Chinese Journal of Chemistry</i> , 2006 , 24, 1359-1362	4.9	2
17	3d ⁸ f Metallacrown complexes with a new sandwich core: synthesis, structures and single molecule magnet behavior. <i>New Journal of Chemistry</i> , 2020 , 44, 14145-14150	3.6	2
16	A Pentanuclear Cobalt Complex with two [CoII(CH ₃ O) ₃] Units Wrapping a Triangular [CoIII ₃ O] ⁷⁺ Core: Synthesis, Structure, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 585-589	1.3	2
15	Nuclearity enlargement from [PWO@Ag] to [(PWO)@Ag] and 2D and 3D network formation driven by bipyridines.. <i>Nature Communications</i> , 2022 , 13, 1802	17.4	2
14	Thermochemical Properties of n-Undecylammonium Bromide Monohydrate C ₁₁ H ₂₈ BrNO(s). <i>Journal of Solution Chemistry</i> , 2013 , 42, 52-59	1.8	1
13	Crystal structure and standard molar enthalpy of formation of ethylenediamine dilauroleate (C ₁₂ H ₂₄ O ₂) ₂ C ₂ N ₂ H ₈ (s). <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 114, 359-363	4.1	1
12	Syntheses and supramolecular structures of two nickel(II) compounds based on two thiosemicarbazone ligands. <i>Chemical Research in Chinese Universities</i> , 2013 , 29, 414-418	2.2	1
11	A Cd-MOF fluorescence sensor with dual functional sites for efficient detection of metal ions in multifarious water environments. <i>CrystEngComm</i> ,	3.3	1
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	2.3	1
9	Regio- and Stereoselective Syn-Boronation of Terminal Alkynes Catalyzed by Copper Nanospheres on Graphene Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47530-47540	9.5	1
8	Two nickel(II) complexes exhibiting "fused" 9-MC-3 and 12-MC-4 metallacrowns. <i>Transition Metal Chemistry</i> , 2021 , 46, 503-508	2.1	0
7	Rh-Catalyzed Direct Heteroarylation of C(sp) ³ -H and C(sp) ² -H Bonds in Heterocycles with -Heteroaromatic Boronates. <i>Organic Letters</i> , 2021 , 23, 7177-7182	6.2	0
6	Cube-like 12-MC-4 and Offset Stacked 10-MC-3 Metallacrowns: Synthesis, Structure, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 740-744	1.3	

- 5 Two Copper Coordination Polymers with Cage-Like 12-MC-4 Metallacrown and Linear Trinuclear Structures. *Journal of Cluster Science*, 1 3
- 4 Crystal structure of tetramethylammonium bis(acetato- η^1 O)-tetrakis(β -3-((hydroxyimino)methyl)-5-methoxy-2-oxidobenzoate- η^1 O, η^1 O? η^1 N: η^1 O??)tetrazine(II) [N,N'-dimethylformamide]water (1/2/2), C62H96Zn4N10O28. *Zeitschrift Fur Kristallographie - New Crystal Structures*, 2018, 233, 1039-1041 0.2
- 3 Crystal structure of bis(β -3-formyl-5-methoxy-2-oxidobenzoato- η^1 O, η^1 O?)hexapyridine-dicadmium(II) [pyridine (1/1), C53H47Cd2N7O10. *Zeitschrift Fur Kristallographie - New Crystal Structures*, 2018, 233, 927-929 0.2
- 2 Cation Decorated Ferric Oxide with a Polyhedral-like Structure for the Electrocatalytic Nitrogen Reduction Reaction. *ChemCatChem*, 2021, 13, 4990 5.2
- 1 A family of 1D coordination polymers based on Ln μ -15-metallacrown-5 units with two topological sorting: syntheses, structures, and single-chain magnet behaviour. *Transition Metal Chemistry*, 2022, 47, 139-146 2.1