

# Hua Yang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | A family of 1D coordination polymers based on Ln(III)-metallacrown-5 units with two topological sorting: syntheses, structures, and single-chain magnet behaviour. <i>Transition Metal Chemistry</i> , <b>2022</b> , 47, 139-146                   | 2.1  |           |
| 57 | Nuclearity enlargement from [PWO@Ag] to [(PWO) <sub>2</sub> @Ag] and 2D and 3D network formation driven by bipyridines.. <i>Nature Communications</i> , <b>2022</b> , 13, 1802   | 17.4 | 2         |
| 56 | Electrocatalytic N Reduction on FeS Nanoparticles Embedded in Graphene Oxide in Acid and Neutral Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 50027-50036   | 9.5  | 4         |
| 55 | Five Lanthanide-Based Metal-Organic Frameworks Built from a $\pi$ -Conjugated Ligand with Isophthalate Units Featuring Sensitive Fluorescent Sensing for DMF and Acetone Molecules. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 2954-2961 | 3.5  | 8         |
| 54 | Two nickel(II) complexes exhibiting "fused" 9-MC-3 and 12-MC-4 metallacrowns. <i>Transition Metal Chemistry</i> , <b>2021</b> , 46, 503-508  | 2.1  | 0         |
| 53 | Rh-Catalyzed C-H (Het)arylation/Vinylation of 2,6-Difluoroaryl Acrylamides. <i>Organic Letters</i> , <b>2021</b> , 23, 656-662   | 6.2  | 3         |
| 52 | Nanocage-Based N-Rich Metal-Organic Framework for Luminescence Sensing toward Fe and Cu Ions. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 671-681   | 5.1  | 41        |
| 51 | Slow Magnetic Relaxation in a [Na <sub>2</sub> Dy <sub>4</sub> ] Complex and Coexistence of Multiple Metal Rings. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 740-747   | 2.3  | 1         |
| 50 | Cation Decorated Ferric Oxide with a Polyhedral-like Structure for the Electrocatalytic Nitrogen Reduction Reaction. <i>ChemCatChem</i> , <b>2021</b> , 13, 4990   | 5.2  |           |
| 49 | A Carbonate-Templated Decanuclear Mn Nanocage with Two Different Silsesquioxane Ligands. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 14866-14871  | 5.1  | 4         |
| 48 | Rh-Catalyzed Direct Heteroarylation of C(sp <sup>3</sup> )-H and C(sp <sup>2</sup> )-H Bonds in Heterocycles with $\pi$ -Heteroaromatic Boronates. <i>Organic Letters</i> , <b>2021</b> , 23, 7177-7182  | 6.2  | 0         |
| 47 | Regio- and Stereoselective Syn-Boronation of Terminal Alkynes Catalyzed by Copper Nanospheres on Graphene Nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 47530-47540  | 9.5  | 1         |
| 46 | A Co-MOF-derived CoS@NS-C electrocatalyst for efficient hydrogen evolution reaction.. <i>RSC Advances</i> , <b>2021</b> , 11, 5947-5957  | 3.7  | 3         |
| 45 | Three new heterometallic Zn(II)/Ni(II) complexes with a windmill-like framework and field-induced SMM behavior. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 2555-2560  | 3.6  | 8         |
| 44 | Co-Doped FeS <sub>2</sub> with a porous structure for efficient electrocatalytic overall water splitting. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 1711-1718  | 3.6  | 16        |
| 43 | Investigating the effect of lanthanide radius and diamagnetic linkers on the framework of metallacrown complexes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 1955-1962   | 4.3  | 9         |
| 42 | Highly active PdCu/graphene catalyst for an efficient Suzuki cross-coupling reaction. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 20525-20529  | 3.6  | 4         |

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| 41 | 3d <sup>8</sup> f Metallacrown complexes with a new sandwich core: synthesis, structures and single molecule magnet behavior. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 14145-14150  | 3.6  | 2   |
| 40 | Fe-MOF-Derived Efficient ORR/OER Bifunctional Electrocatalyst for Rechargeable Zinc-Air Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 44710-44719   | 9.5  | 54  |
| 39 | A new family of {Co <sub>4</sub> Ln <sub>8</sub> } metallacrowns with a butterfly-shaped structure. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 1904-1908  | 6.8  | 15  |
| 38 | 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> , <b>2019</b> , 645, 740-744  | 1.3  |     |
| 37 | 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> , <b>2019</b> , 2019, 2839-2843   | 2.3  | 12  |
| 36 | Heterogeneous Nitrogen-doped Graphene Catalysed H <sub>2</sub> O <sub>2</sub> Generation via a Non-radical Mechanism for Base-free Dakin Reaction. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 5210-5216  | 5.6  | 4   |
| 35 | Room temperature synthesis of CdS/SrTiO <sub>3</sub> nanodots-on-nanocubes for efficient photocatalytic H <sub>2</sub> evolution from water. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 536, 694-700  | 9.3  | 31  |
| 34 | Copper(II) Complexes Based on Aminohydroxamic Acids: Synthesis, Structures, In Vitro Cytotoxicities and DNA/BSA Interactions. <i>Crystals</i> , <b>2018</b> , 8, 201   | 2.3  | 4   |
| 33 | Crystal structure of tetramethylammonium bis(acetato- $\mu$ O)-tetrakis( $\beta$ -3-((hydroxyimino)methyl)-5-methoxy-2-oxidobenzoato- $\mu$ O, $\mu$ :O $\mu$ ,N:O $\mu$ ?)tetrazine( $\mu$ 2)(N,N'-dimethylformamide)water (1/2/2), C <sub>62</sub> H <sub>96</sub> Zn <sub>4</sub> N <sub>10</sub> O <sub>28</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2018</b> , 233, 1039-1041 | 0.2  |     |
| 32 | Crystal structure of bis( $\beta$ -3-formyl-5-methoxy-2-oxidobenzoato- $\mu$ O, $\mu$ :O $\mu$ )-hexapyridine-dicadmium(II) pyridine (1/1), C <sub>53</sub> H <sub>47</sub> Cd <sub>2</sub> N <sub>7</sub> O <sub>10</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2018</b> , 233, 927-929   | 0.2  |     |
| 31 | Simultaneous Trapping of C <sub>2</sub> H <sub>2</sub> and C <sub>2</sub> H <sub>6</sub> from a Ternary Mixture of C <sub>2</sub> H <sub>2</sub> /C <sub>2</sub> H <sub>4</sub> /C <sub>2</sub> H <sub>6</sub> in a Robust Metal-Organic Framework for the Purification of C <sub>2</sub> H <sub>4</sub> . <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16067-16071                            | 16.4 | 121 |
| 30 | Simultaneous Trapping of C <sub>2</sub> H <sub>2</sub> and C <sub>2</sub> H <sub>6</sub> from a Ternary Mixture of C <sub>2</sub> H <sub>2</sub> /C <sub>2</sub> H <sub>4</sub> /C <sub>2</sub> H <sub>6</sub> in a Robust Metal-Organic Framework for the Purification of C <sub>2</sub> H <sub>4</sub> . <i>Angewandte Chemie</i> , <b>2018</b> , 130, 16299-16303   | 3.6  | 47  |
| 29 | A Pentanuclear Cobalt Complex with two [CoII(CH <sub>3</sub> O) <sub>3</sub> ] $\mu$ Units Wrapping a Triangular [CoIII <sub>3</sub> O] <sup>7+</sup> Core: Synthesis, Structure, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2018</b> , 644, 585-589  | 1.3  | 2   |
| 28 | Two microporous Fe-based MOFs with multiple active sites for selective gas adsorption. <i>Chemical Communications</i> , <b>2017</b> , 53, 2394-2397  | 5.8  | 58  |
| 27 | 1,2,5,6-Naphthalenediimide-based conjugated copolymers linked by ethynyl units. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2017</b> , 35, 1342-1351  | 3.5  | 2   |
| 26 | Ferromagnetic Polarization: The Quantum Picture of Switching On/Off Single-Molecule Magnetism. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 5914-23  | 5.1  | 29  |
| 25 | Synthesis, crystal structure, DNA-binding and magnetism of copper 15-metallacrown-5 complexes based on glycinehydroxamic acid ligand. <i>RSC Advances</i> , <b>2016</b> , 6, 47196-47202   | 3.7  | 17  |
| 24 | Solvent dependent reactivities of di-, tetra- and hexanuclear manganese complexes: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , <b>2015</b> , 44, 6620-9  | 4.3  | 22  |

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| 23 | A new Cd(II)-based metal-organic framework for highly sensitive fluorescence sensing of nitrobenzene. <i>CrystEngComm</i> , <b>2015</b> , 17, 2459-2463  | 3-3 | 52 |
| 22 | Structure modulation in zinc-tetrazolate coordination polymers by in situ ligand synthesis. <i>RSC Advances</i> , <b>2015</b> , 5, 88809-88815   | 3-7 | 5  |
| 21 | 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> , <b>2015</b> , 21, 14478-85   | 4-8 | 19 |
| 20 | 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> , <b>2014</b> , 67, 81-95  | 1-6 | 22 |
| 19 | Spontaneous chiral resolution of a 3D (3,12)-connected MOF with an unprecedented ttt topology consisting of cubic [Cd4( $\beta$ -OH) <sub>4</sub> ] clusters and propeller-like ligands. <i>CrystEngComm</i> , <b>2014</b> , 16, 3829  | 3-3 | 56 |
| 18 | 22-Azametallacrown-8 complex with a triazole-bridged ligand: synthesis, structure and magnetic properties. <i>Dalton Transactions</i> , <b>2014</b> , 43, 16986-91   | 4-3 | 12 |
| 17 | Thermochemical Properties of n-Undecylammonium Bromide Monohydrate C <sub>11</sub> H <sub>28</sub> BrNO(s). <i>Journal of Solution Chemistry</i> , <b>2013</b> , 42, 52-59   | 1-8 | 1  |
| 16 | Crystal structure and standard molar enthalpy of formation of ethylenediamine dilauroate (C <sub>12</sub> H <sub>24</sub> O <sub>2</sub> ) <sub>2</sub> C <sub>2</sub> N <sub>2</sub> H <sub>8</sub> (s). <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2013</b> , 114, 359-363  | 4-1 | 1  |
| 15 | Syntheses and supramolecular structures of two nickel(II) compounds based on two thiosemicarbazone ligands. <i>Chemical Research in Chinese Universities</i> , <b>2013</b> , 29, 414-418   | 2-2 | 1  |
| 14 | Structures and magnetism of two manganese crowns assembled with 2,4-dihydroxyacetophenone oxime. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 306-315  | 1-6 | 5  |
| 13 | 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> , <b>2013</b> , 639, 414-423  | 1-3 | 4  |
| 12 | Low-temperature heat capacities and thermodynamic properties of n-undecylammonium bromide monohydrate C <sub>11</sub> H <sub>28</sub> BrNO(s). <i>Phase Transitions</i> , <b>2012</b> , 85, 809-823  | 1-3 | 2  |
| 11 | A new linear trinuclear cobalt complex bearing oximato and azido ligands: synthesis, structure, and magnetic characterization. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 3308-3315  | 1-6 | 2  |
| 10 | 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> , <b>2012</b> , 14, 2053   | 3-3 | 66 |
| 9  | 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> , <b>2012</b> , 23, 545-555  | 3   | 4  |
| 8  | 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> , <b>2011</b> , 64, 2531-2544   | 1-6 | 9  |
| 7  | Synthesis, Supramolecular Architecture and DNA Binding Studies of a Novel Heterotrinary Fe <sup>III</sup> /Co <sup>II</sup> /Fe <sup>III</sup> Complex: [Co(phen) <sub>2</sub> ][Fe(phen)(CN) <sub>4</sub> ] <sub>2</sub> ·4H <sub>2</sub> O (phen = 1,10-phenanthroline). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2010</b> , 20, 168-176 | 3-2 | 4  |
| 6  | 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> , <b>2010</b> , 20, 657-665  | 3-2 | 2  |

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|---|--|-----|---|
| 5 | One Novel Three-dimensional Network Constructed from [Mn(4,4'-bip)2(OH2)4]2+ Cations and DBA2- Anions via Hydrogen-bonding and $\pi$ -Interactions. <i>Journal of Chemical Crystallography</i> , <b>2007</b> , 37, 717-720 | 0.5 | 6 |
| 4 | One Novel Vanadium-Phosphate Cluster [PV2.5O8.5]B.83{H2O} with Three-Dimensional Architecture. <i>Chinese Journal of Chemistry</i> , <b>2006</b> , 24, 1359-1362   | 4.9 | 2 |
| 3 | 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 |
| 2 | Two Copper Coordination Polymers with Cage-Like 12-MC-4 Metallocrown and Linear Trinuclear Structures. <i>Journal of Cluster Science</i> , 1   | 3   |   |
| 1 | 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 |