

Hui Li

List of Publications by Year in descending order

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64
papers

1,503
citations

471509

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330143

37
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docs citations

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times ranked

2187
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#	ARTICLE	IF	CITATIONS
1	Real-Time Tracking and In Vivo Visualization of β -Galactosidase Activity in Colorectal Tumor with a Ratiometric Near-Infrared Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2016, 138, 5334-5340.	13.7	432
2	Two novel MOF-74 analogs exhibiting unique luminescent selectivity. <i>Chemical Communications</i> , 2013, 49, 1699-1701.	4.1	135
3	Ultrabright red AIEgens for two-photon vascular imaging with high resolution and deep penetration. <i>Chemical Science</i> , 2018, 9, 2705-2710.	7.4	98
4	Supramolecular self-assembly of nucleotide-metal coordination complexes: From simple molecules to nanomaterials. <i>Coordination Chemistry Reviews</i> , 2015, 292, 107-143.	18.8	89
5	Highly efficient conversion of CO ₂ at atmospheric pressure to cyclic carbonates with in situ-generated homogeneous catalysts from a copper-containing coordination polymer. <i>Journal of Catalysis</i> , 2015, 329, 119-129.	6.2	65
6	Controlled fluorescent properties of Zn(II) salen-type complex based on ligand design. <i>CrystEngComm</i> , 2013, 15, 2786.	2.6	45
7	Synthesis of MnS from Single- and Multi-Source Precursors for Photocatalytic and Battery Applications. <i>Journal of Electronic Materials</i> , 2019, 48, 2278-2288.	2.2	39
8	Asymmetric Schiff bases derived from diaminomaleonitrile and their metal complexes. <i>Journal of Molecular Structure</i> , 2016, 1106, 242-258.	3.6	32
9	A continuing tale of chirality: metal coordination extended axial chirality of 4,4'-bipy to 1D infinite chain under cooperation of a nucleotide ligand. <i>CrystEngComm</i> , 2013, 15, 8430.	2.6	31
10	Chirality delivery from a chiral copper(II) nucleotide complex molecule to its supramolecular architecture. <i>Dalton Transactions</i> , 2011, 40, 4834.	3.3	28
11	Novel one-dimensional lanthanide acrylic acid complexes: an alternative chain constructed by hydrogen bonding. <i>Journal of Solid State Chemistry</i> , 2004, 177, 4501-4507.	2.9	25
12	Auxiliary ligand-controlled supramolecular assembly of three Cd(II) coordination polymers based on a (E)-3-(quinolin-4-yl) acrylic acid: syntheses, structures and photoluminescent properties. <i>CrystEngComm</i> , 2013, 15, 6870.	2.6	25
13	Red-shift in fluorescence emission of D ^A type asymmetrical Zn(II) complexes by extending the π - π stacking interaction. <i>RSC Advances</i> , 2017, 7, 20488-20493.	3.6	24
14	The first one-dimensional coordination polymer containing O ^H -H ^F -Ni hydrogen bonding: crystal structure of [Ni ₃ (dpa) ₄ F ₂][Ni ₃ (dpa) ₄ (H ₂ O) ₂](BF ₄) ₂ ·2CH ₃ OH. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1-4.	3.9	20
15	The study of perylene diimide-amino acid derivatives for the fluorescence detection of anions. <i>RSC Advances</i> , 2017, 7, 42685-42689.	3.6	19
16	β -Alanine Zn(II) and Cd(II) coordination complexes with diamondoid frameworks possessing second-order nonlinear optics properties. <i>Inorganic Chemistry Communication</i> , 2015, 58, 74-78.	3.9	18
17	Synthesis, crystal structures, and luminescent properties of Zn(II), Cd(II), Eu(III) complexes and detection of Fe(III) ions based on a diacylhydrazone Schiff base. <i>RSC Advances</i> , 2020, 10, 23372-23378.	3.6	18
18	Crystal structures, red-shifted luminescence and iodide-anion recognition properties of four novel D ^A type Zn(II) complexes. <i>Dalton Transactions</i> , 2020, 49, 4358-4368.	3.3	18

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19	Synthesis and crystal structure of trichromium metal string complex. <i>Journal of Molecular Structure</i> , 2004, 707, 179-186.	3.6	17
20	Synthesis, crystal structures and luminescent properties of tetranuclear Zn molecular clusters with aroylhydrazone ligand. <i>CrystEngComm</i> , 2013, 15, 8069.	2.6	17
21	Cytosineâ€“Cytosine Baseâ€“Pair Mismatch and Chirality in Nucleotide Supramolecular Coordination Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 7201-7206.	3.3	16
22	Ligand-dependent assembly of dinuclear, linear tetranuclear and one-dimensional Zn($\text{Zn}(\text{II})$) complexes with an aroylhydrazone Schiff base. <i>CrystEngComm</i> , 2017, 19, 781-787.	2.6	15
23	Crystal structures of transition metal complexes with an asymmetrical tridentate Schiff-base ligand. <i>Journal of Molecular Structure</i> , 2010, 984, 111-116.	3.6	14
24	Fluorescent Detection of Trace Water in Methanol Based on an Al(III) Chemical Sensor. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1109-1113.	4.9	14
25	A highly selective â€œturn-onâ€•water-soluble fluorescent sensor for gallium ion detection. <i>RSC Advances</i> , 2021, 11, 19747-19754.	3.6	14
26	Structural diversity and luminescent properties of europium(III) complexes with acrylic acid ligands. <i>Journal of Molecular Structure</i> , 2008, 891, 298-304.	3.6	12
27	Three complexes with helical frameworks based on L-glutamine and L-asparagine: Crystal structures and circular dichroism properties. <i>Inorganic Chemistry Communication</i> , 2016, 65, 16-20.	3.9	12
28	Controlled supramolecular interaction to enhance the bioavailability of hesperetin to targeted cancer cells through graphyne: a comprehensive <i>in silico</i> study. <i>RSC Advances</i> , 2022, 12, 6336-6346.	3.6	12
29	Chirality delivery through multiple and helical H-bonding from chiral coordination complex to its supramolecular architecture. <i>Inorganic Chemistry Communication</i> , 2013, 34, 30-33.	3.9	11
30	The Câ€“Fâ€“C short contacts in the metal complexes of fluoro-phenyl-acrylic acids. <i>Journal of Solid State Chemistry</i> , 2011, 184, 481-487.	2.9	10
31	Controllable synthesis of nucleotide complex based on pH control: a small-molecule fluorescent probe as an auxiliary ligand to indicate the pre-organization of the nucleotide complex in solution. <i>Dalton Transactions</i> , 2015, 44, 17810-17818.	3.3	10
32	Two donorâ€“acceptor (Dâ€“A) type Zn($\text{Zn}(\text{II})$) complexes as fluorescent probes for highly selective detection of iodide. <i>CrystEngComm</i> , 2020, 22, 2103-2109.	2.6	10
33	The first characterization of dimeric lanthanide complex anion: synthesis and crystal structure of $[\text{NH}(\text{Et})_3]_2[\text{Lu}(\text{L})_4]_2 \cdot 6\text{CH}_3\text{OH}$. <i>Journal of Molecular Structure</i> , 2005, 743, 97-101.	3.6	9
34	Open coordination sites-induced structural diversity of a new series of Cu(II) complexes with tridentate aroylhydrazone Schiff base. <i>Journal of Molecular Structure</i> , 2016, 1120, 205-214.	3.6	9
35	â€œTurn-Onâ€•Fluorescent Biosensors for High Selective and Sensitive Detection of Al^{3+} Ion. <i>Frontiers in Chemistry</i> , 2020, 8, 607614.	3.6	9
36	Comparative study of cobalt sulphides properties for photocatalytic and battery applications. <i>Semiconductor Science and Technology</i> , 2019, 34, 095015.	2.0	8

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37	The enhancement of the Dâ€™A effect of an asymmetric Schiff base by introducing acetyl groups into diaminomaleonitrile: synthesis, red fluorescence and crystal structure. RSC Advances, 2019, 9, 14268-14275.	3.6	8
38	Extending framework based on the linear coordination polymers: Alternative chains containing lanthanum ion and acrylic acid ligand. Journal of Solid State Chemistry, 2006, 179, 3511-3517.	2.9	7
39	In situ ligand and complex transformation of an iron(III) Schiff base complex: structural evidence and theoretical calculations. Dalton Transactions, 2012, 41, 6256.	3.3	7
40	Fluorescent Recognition of Small Organic Molecules Based on Supramolecular Aggregation/Deaggregation of Planar Cu(II) Coordination Complex. Chinese Journal of Chemistry, 2015, 33, 425-430.	4.9	7
41	Studies on the halogen substituted Î²-amino acids and their Cu(II) coordination complexes in crystallography. Chemical Research in Chinese Universities, 2016, 32, 1-7.	2.6	7
42	Relative study of Ni sulfides synthesized from single and multisource precursors for photocatalytic and battery applications. Energy Reports, 2021, 7, 7615-7627.	5.1	7
43	Crystal structure and chirality of adenosine-5â€™-diphosphate coordination complex. Inorganic Chemistry Communication, 2016, 64, 1-4.	3.9	6
44	Syntheses, structures, and magnetic properties of three supramolecular isomeric Cu(II) square grid networks: solvents effect on the ligand linkages. CrystEngComm, 2020, 22, 1321-1329.	2.6	6
45	Controllable synthesis of two adenosine 5â€™-monophosphate nucleotide coordination polymers via pH regulation: crystal structure and chirality. Dalton Transactions, 2021, 50, 4713-4719.	3.3	6
46	Hydrogen-bonded assemblies of trinuclear metal string complexes. Journal of Coordination Chemistry, 2007, 60, 2731-2738.	2.2	5
47	Directional Functionalization of MOFâ€™74 Analogs via Ligand Preâ€™installation. Chinese Journal of Chemistry, 2016, 34, 220-224.	4.9	5
48	Advances in Crystallography of Coordination Complexes on Main Group Metals with Amino Acid Ligands. Acta Chimica Sinica, 2014, 72, 981.	1.4	5
49	A Quantum Chemical Study of Outstanding Structural, Electronic and Nonlinear Optical Polarizability of Boron Nitride (B12N12) Doped with Super Salt (P7BaNO3). Journal of Inorganic and Organometallic Polymers and Materials, 0, , .	3.7	5
50	Zinc(II) Schiff base complexes as dual probes for the detection of NH ₄ ⁺ and HPO ₄ ²⁻ ions. New Journal of Chemistry, 0, , .	2.8	5
51	Unusual crystal structure and chirality of uridine 5â€™-monophosphate coordination polymer. RSC Advances, 2017, 7, 20840-20844.	3.6	4
52	A new type of copper coordination polymer based on Î²-aminobutyric acid: Syntheses, structures and magnetic properties. Inorganic Chemistry Communication, 2017, 84, 99-102.	3.9	4
53	Double layer zincâ€™UDP coordination polymers: structure and properties. Dalton Transactions, 2018, 47, 14174-14178.	3.3	4
54	Researches on the construction of supramolecular helical chains in crystallized Î²-alaninium sulfate/perchlorate compounds. Journal of Molecular Structure, 2019, 1177, 519-524.	3.6	4

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55	Conformation Locking of the Pentose Ring in Nucleotide Monophosphate Coordination Polymers via π - π Stacking and Metal-Ion Coordination. <i>Inorganic Chemistry</i> , 2021, , .	4.0	4
56	Structural conversion of three copper(II) complexes with snapshot observations based on the different crystal colours and morphology. <i>RSC Advances</i> , 2020, 10, 42964-42970.	3.6	3
57	Crystal structures and luminescence properties of a μ -A type ClEgen and its Zn(II) complexes. <i>CrystEngComm</i> , 2019, 21, 3322-3329.	2.6	2
58	Studies on the structure and chirality of A-motif in adenosine monophosphate nucleotide metal coordination complexes. <i>CrystEngComm</i> , 2021, 23, 4175-4180.	2.6	2
59	The Research of μ -Motif Construction and Chirality in Deoxyguanosine Monophosphate Nucleotide Complexes. <i>Frontiers in Chemistry</i> , 2021, 9, 709777.	3.6	2
60	Structural Transformation of Copper Coordination Complexes with Inducing Supramolecular Chirality. <i>CrystEngComm</i> , 0, , .	2.6	2
61	A new coordination mode of (E)-3-(3-hydroxyl-phenyl)-acrylic acid in copper complex: Crystal structure and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2015, 225, 41-44.	2.9	1
62	Synthesis and Crystal Structure of Amino Acid Modified NDI Lanthanide Coordination Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 888-892.	1.2	1
63	A high-nuclearity complex containing a decanuclear iron(III)/oxo cage in a football-like structure and rare (R/S)-hemiacetalate ligands in a butterfly-like format. <i>RSC Advances</i> , 2019, 9, 39965-39969.	3.6	1
64	The recent development of multilevel chirality research based on nucleotide coordination complexes. <i>Scientia Sinica Chimica</i> , 2020, 50, 947-961.	0.4	1