

Hui Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1177547/publications.pdf>

Version: 2024-02-01

64
papers

1,503
citations

471509

17
h-index

330143

37
g-index

65
all docs

65
docs citations

65
times ranked

2187
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled supramolecular interaction to enhance the bioavailability of hesperetin to targeted cancer cells through graphyne: a comprehensive <i>in silico</i> study. RSC Advances, 2022, 12, 6336-6346.	3.6	12
2	Controllable synthesis of two adenosine 5'-monophosphate nucleotide coordination polymers via pH regulation: crystal structure and chirality. Dalton Transactions, 2021, 50, 4713-4719.	3.3	6
3	A highly selective turn-on water-soluble fluorescent sensor for gallium ion detection. RSC Advances, 2021, 11, 19747-19754.	3.6	14
4	Studies on the structure and chirality of A-motif in adenosine monophosphate nucleotide metal coordination complexes. CrystEngComm, 2021, 23, 4175-4180.	2.6	2
5	The Research of A-Motif Construction and Chirality in Deoxyguanosine Monophosphate Nucleotide Complexes. Frontiers in Chemistry, 2021, 9, 709777.	3.6	2
6	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
7	Conformation Locking of the Pentose Ring in Nucleotide Monophosphate Coordination Polymers via π - π Stacking and Metal-Ion Coordination. Inorganic Chemistry, 2021, .	4.0	4
8	Turn-On Fluorescent Biosensors for High Selective and Sensitive Detection of Al ³⁺ Ion. Frontiers in Chemistry, 2020, 8, 607614.	3.6	9
9	Structural conversion of three copper(II) complexes with snapshot observations based on the different crystal colours and morphology. RSC Advances, 2020, 10, 42964-42970.	3.6	3
10	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. RSC Advances, 2020, 10, 23372-23378.	3.6	18
11	Two donor-acceptor (D-A) type Zn(II) complexes as fluorescent probes for highly selective detection of iodide. CrystEngComm, 2020, 22, 2103-2109.	2.6	10
12	Crystal structures, red-shifted luminescence and iodide-anion recognition properties of four novel D-A type Zn(II) complexes. Dalton Transactions, 2020, 49, 4358-4368.	3.3	18
13	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
14	The recent development of multilevel chirality research based on nucleotide coordination complexes. Scientia Sinica Chimica, 2020, 50, 947-961.	0.4	1
15	Comparative study of cobalt sulphides properties for photocatalytic and battery applications. Semiconductor Science and Technology, 2019, 34, 095015.	2.0	8
16	Synthesis of MnS from Single- and Multi-Source Precursors for Photocatalytic and Battery Applications. Journal of Electronic Materials, 2019, 48, 2278-2288.	2.2	39
17	The enhancement of the D-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
18	Synthesis and Crystal Structure of Amino Acid Modified NDI Lanthanide Coordination Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 888-892.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Crystal structures and luminescence properties of a Dâ€“A type ClEgen and its Zn(<sc>ii</sc>) complexes. <i>CrystEngComm</i> , 2019, 21, 3322-3329.	2.6	2
20	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
21	Researches on the construction of supramolecular helical chains in crystallized Î²-alaninium sulfate/perchlorate compounds. <i>Journal of Molecular Structure</i> , 2019, 1177, 519-524.	3.6	4
22	Ultrabright red AlEgens for two-photon vascular imaging with high resolution and deep penetration. <i>Chemical Science</i> , 2018, 9, 2705-2710.	7.4	98
23	Double layer zincâ€“UDP coordination polymers: structure and properties. <i>Dalton Transactions</i> , 2018, 47, 14174-14178.	3.3	4
24	Ligand-dependent assembly of dinuclear, linear tetranuclear and one-dimensional Zn(<sc>ii</sc>) complexes with an aroylhydrazone Schiff base. <i>CrystEngComm</i> , 2017, 19, 781-787.	2.6	15
25	Unusual crystal structure and chirality of uridine 5â€“monophosphate coordination polymer. <i>RSC Advances</i> , 2017, 7, 20840-20844.	3.6	4
26	Red-shift in fluorescence emission of Dâ€“A type asymmetrical Zn(<sc>ii</sc>) complexes by extending the Î€â€“Î€ stacking interaction. <i>RSC Advances</i> , 2017, 7, 20488-20493.	3.6	24
27	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
28	A new type of copper coordination polymer based on Î³-aminobutyric acid: Syntheses, structures and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2017, 84, 99-102.	3.9	4
29	The study of perylene diimideâ€“amino acid derivatives for the fluorescence detection of anions. <i>RSC Advances</i> , 2017, 7, 42685-42689.	3.6	19
30	Directional Functionalization of MOFâ€“74 Analogs via Ligand Preâ€“Installation. <i>Chinese Journal of Chemistry</i> , 2016, 34, 220-224.	4.9	5
31	Real-Time Tracking and In Vivo Visualization of Î²-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
32	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
33	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
34	Studies on the halogen substituted Î²-amino acids and their Cu(II) coordination complexes in crystallography. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 1-7.	2.6	7
35	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
36	Crystal structure and chirality of adenosine-5â€“diphosphate coordination complex. <i>Inorganic Chemistry Communication</i> , 2016, 64, 1-4.	3.9	6

#	ARTICLE	IF	CITATIONS
37	Asymmetric Schiff bases derived from diaminomaleonitrile and their metal complexes. <i>Journal of Molecular Structure</i> , 2016, 1106, 242-258.	3.6	32
38	Fluorescent Recognition of Small Organic Molecules Based on Supramolecular Aggregation/Deaggregation of Planar Cu(II) Coordination Complex. <i>Chinese Journal of Chemistry</i> , 2015, 33, 425-430.	4.9	7
39	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
40	Î ² -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
41	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
42	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
43	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
44	Advances in Crystallography of Coordination Complexes on Main Group Metals with Amino Acid Ligands. <i>Acta Chimica Sinica</i> , 2014, 72, 981.	1.4	5
45	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
46	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
47	Synthesis, crystal structures and luminescent properties of tetranuclear Zn molecular clusters with aroylhydrazone ligand. <i>CrystEngComm</i> , 2013, 15, 8069.	2.6	17
48	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
49	Controlled fluorescent properties of Zn(ii) salen-type complex based on ligand design. <i>CrystEngComm</i> , 2013, 15, 2786.	2.6	45
50	Two novel MOF-74 analogs exhibiting unique luminescent selectivity. <i>Chemical Communications</i> , 2013, 49, 1699-1701.	4.1	135
51	In situ ligand and complex transformation of an iron(iii) Schiff base complex: structural evidence and theoretical calculations. <i>Dalton Transactions</i> , 2012, 41, 6256.	3.3	7
52	Chirality delivery from a chiral copper(ii) nucleotide complex molecule to its supramolecular architecture. <i>Dalton Transactions</i> , 2011, 40, 4834.	3.3	28
53	The C-H...F and C-H...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
54	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

#	ARTICLE	IF	CITATIONS
55	Structural diversity and luminescent properties of europium(III) complexes with acrylic acid ligands. Journal of Molecular Structure, 2008, 891, 298-304.	3.6	12
56	Hydrogen-bonded assemblies of trinuclear metal string complexes. Journal of Coordination Chemistry, 2007, 60, 2731-2738.	2.2	5
57	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
58	The first characterization of dimeric lanthanide complex anion: synthesis and crystal structure of [NH(Et) ₃] ₂ [Lu(L) ₄] ₂ ·6CH ₃ OH. Journal of Molecular Structure, 2005, 743, 97-101.	3.6	9
59	Synthesis and crystal structure of trichromium metal string complex. Journal of Molecular Structure, 2004, 707, 179-186.	3.6	17
60	Novel one-dimensional lanthanide acrylic acid complexes: an alternative chain constructed by hydrogen bonding. Journal of Solid State Chemistry, 2004, 177, 4501-4507.	2.9	25
61	The first one-dimensional coordination polymer containing Oâ€“Hâ€“Fâ€“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. Inorganic Chemistry Communication, 2003, 6, 1-4.	3.9	20
62	Structural Transformation of Copper Coordination Complexes with Inducing Supramolecular Chirality. CrystEngComm, 0, , .	2.6	2
63	A Quantum Chemical Study of Outstanding Structural, Electronic and Nonlinear Optical Polarizability of Boron Nitride (B ₁₂ N ₁₂) Doped with Super Salt (P ₇ BaNO ₃). Journal of Inorganic and Organometallic Polymers and Materials, 0, , .	3.7	5
64	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