

Lan-Qin Chai

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38
papers

935
citations

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h-index

30
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42
ext. papers

1,122
ext. citations

2.5
avg, IF

4.63
L-index

#	Paper	IF	Citations
38	Structural, spectral, electrochemical and DFT studies of two mononuclear manganese(II) and zinc(II) complexes. <i>Polyhedron</i> , 2017 , 122, 228-240	2.7	88
37	Synthesis, crystal structure, and fluorescence of an unexpected dialkoxo-bridged dinuclear copper(II) complex with bis(salen)-type tetraoxime. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 1621-1631	1.6	76
36	Synthesis, crystal structure, fluorescence, electrochemical property, and SOD-like activity of an unexpected nickel(II) complex with a quinazoline-type ligand. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 3926-3938	1.6	75
35	An unexpected cobalt(III) complex containing a Schiff base ligand: Synthesis, crystal structure, spectroscopic behavior, electrochemical property and SOD-like activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 131, 526-33	4.4	71
34	Two mono- and dinuclear Ni(II) complexes constructed from quinazoline-type ligands: Synthesis, X-ray structures, spectroscopic, electrochemical, thermal, and antimicrobial studies. <i>Polyhedron</i> , 2017 , 130, 100-107	2.7	68
33	Synthesis, X-ray structure, spectroscopic, electrochemical properties and DFT calculation of a bridged dinuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , 2016 , 444, 193-201	2.7	63
32	Two 1-D and 2-D cobalt(II) complexes: synthesis, crystal structures, spectroscopic and electrochemical properties. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 1224-1237	1.6	57
31	An unexpected Schiff base-type Ni(II) complex: synthesis, crystal structures, fluorescence, electrochemical property and SOD-like activities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 661-9	4.4	50
30	Synthesis, X-ray crystal structure, spectroscopic, electrochemical and antimicrobial studies of a new dinuclear cobalt(III) complex. <i>Inorganica Chimica Acta</i> , 2017 , 457, 34-40	2.7	37
29	X-ray characterization, spectroscopic, DFT calculations and Hirshfeld surface analysis of two 3-D supramolecular mononuclear zinc(II) and trinuclear copper(II) complexes. <i>Polyhedron</i> , 2019 , 158, 102-116	2.7	35
28	An unprecedented tetranuclear Zn(II) complex with an unsymmetric Salen-type bisoxime ligand: synthesis, crystal structure, and spectral properties. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 1212-1220	1.6	34
27	Synthesis, crystal structure, spectroscopic properties and DFT calculations of a new Schiff base-type Zinc(II) complex. <i>Research on Chemical Intermediates</i> , 2016 , 42, 3473-3488	2.8	32
26	Synthesis, structural characterization, spectroscopic, and DFT studies of two penta-coordinated zinc(II) complexes containing quinazoline and 1, 10-phenanthroline as mixed ligands. <i>Journal of Luminescence</i> , 2018 , 203, 234-246	3.8	31
25	Antimicrobial activities of self-assembled copper(II), nickel(II), and cobalt(III) complexes combined with crystallographic, spectroscopic, DFT calculations and Hirshfeld surfaces analyses. <i>New Journal of Chemistry</i> , 2019 , 43, 12417-12430	3.6	25
24	Two two-dimensional supramolecular copper(II) and cobalt(III) complexes derived from a new quinazoline-type ligand: Syntheses, structures, and spectral, thermal, electrochemical and antimicrobial activity studies. <i>Applied Organometallic Chemistry</i> , 2017 , 31, e3786	3.1	24
23	Synthesis and structural characterization of new trinuclear cobalt(II) and nickel(II) complexes possessing five- and six-coordinated geometry. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 1306-1315	1.6	20
22	Crystal structure, spectral property, antimicrobial activity and DFT calculation of N-(coumarin-3-yl)-N'-(2-amino-5-phenyl-1,3,4-thiadiazol-2-yl) urea. <i>Journal of Molecular Structure</i> , 2017 , 1145, 32-42	3.4	19

21	A New Star-shaped Carbazole Derivative with Polyhedral Oligomeric Silsesquioxane Core: Crystal Structure and Unique Photoluminescence Property. <i>Journal of Fluorescence</i> , 2016 , 26, 149-54	2.4	19
20	X-ray structures, spectroscopic, electrochemical, thermal, antibacterial, and DFT studies of two nickel(II) and cobalt(III) complexes constructed from a new quinazoline-type ligand. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4426	3.1	18
19	Synthesis, crystal structure, TD/DFT calculations and Hirshfeld surface analysis of 1-(4-((Benzo)dioxol-5-ylmethyleneamino)phenyl)ethanone oxime. <i>Journal of Molecular Structure</i> , 2020 , 1204, 127552	3.4	16
18	Synthesis, characterization, spectral property, Hirshfeld surface analysis and TD/DFT calculations of 2, 6-disubstituted benzobisoxazoles. <i>Journal of Molecular Structure</i> , 2019 , 1197, 508-518	3.4	13
17	Structural characterizations, spectroscopic, electrochemical properties, and antibacterial activities of copper (II) and cobalt (II) complexes containing imidazole ring. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4576	3.1	8
16	Synthesis of Unsymmetrical Ureas with Coumarin and Thiadiazole Ring Under Microwave Irradiation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010 , 185, 1332-1337	1	7
15	Zinc(II) and Cadmium(II) complexes containing imidazole ring: Structural, spectroscopic, antibacterial, DFT calculations and Hirshfeld surface analysis. <i>Inorganica Chimica Acta</i> , 2020 , 507, 119610 ²⁻⁷		6
14	Synthesis and Crystal Structure of N , N ? -(p -phenyl)-bis-(p-nitro)benzoylthiourea. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 1181-1187	1	6
13	One-Pot Synthesis of Phenylallyl Substituted Unsymmetrical Ureas Under Microwave Irradiation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007 , 182, 2491-2496	1	5
12	Monte Carlo simulations of properties of side-chain liquid-crystal polymers. <i>Polymer International</i> , 2006 , 55, 1323-1329	3.3	5
11	Two dinuclear copper (II) and nickel (II) complexes based on 4-(diethylamino)salicylaldehyde: X-ray structures, spectroscopic, electrochemical, antibacterial, Hirshfeld surfaces analyses, and time-dependent density functional theory calculations. <i>Applied Organometallic Chemistry</i> , 2021 , 35,	3.1	5
10	Crystallographic, spectroscopic, TD/DFT calculations and Hirshfeld surface analysis of cadmium(II) coordination polymer containing pyridine ring. <i>Journal of Molecular Structure</i> , 2021 , 1245, 131028	3.4	5
9	Synthesis, Crystal Structure and Fluorescence Behavior of 2,6-Di(thiophen-2-yl)-benzo[1,2-d:4,5-d']bisoxazole. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013 , 68, 239-244	1	4
8	Synthesis of Asymmetric Semicarbazides using a Coumarin Ring. <i>Journal of Chemical Research</i> , 2012 , 36, 12-14	0.6	4
7	Synthesis of Benzofuryl Substituted Unsymmetrical Ureas Under Microwave Irradiation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009 , 184, 453-459	1	3
6	Co (II) and Cd (II) complexes with imidazole-2-carboxaldehyde groups: spectroscopic, antibacterial, Hirshfeld surfaces analyses, and TD/DFT calculations. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6279 ^{3.1}		3
5	Synthesis of Styryl Substituted Semicarbazides under Microwave Irradiation. <i>Journal of Chemical Research</i> , 2013 , 37, 356-358	0.6	2
4	Antimicrobial activities of cadmium (II) and nickel (II) complexes containing pyridine ring: Investigation of crystallographic, spectroscopic, Hirshfeld surface analysis, and TD/DFT calculations. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6360	3.1	1

- 3 X-ray structures, spectroscopic, antimicrobial activity, ESP/HSA and TD/DFT calculations of Bi(III) complex containing imidazole ring. *Journal of Molecular Structure*, **2022**, 1256, 132517 3.4 ○
- 2 Two mono- and dinuclear Cu (II) complexes derived from 3-ethoxy salicylaldehyde: X-ray structures, spectroscopic, electrochemical, antibacterial activities, Hirshfeld surfaces analyses, and time-dependent density functional theory studies. *Applied Organometallic Chemistry*, e6475 3.1 ○
- 1 Bis[(E)-4-bromo-2-(methoxy-imino-meth-yl)phenolato-N,O]copper(II). *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, m1599