

# Lan-Qin Chai

## List of Publications by Year in descending order

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41  
papers

1,290  
citations

304602

22  
h-index

345118

36  
g-index

42  
all docs

42  
docs citations

42  
times ranked

468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, spectral, electrochemical and DFT studies of two mononuclear manganese(II) and zinc(II) complexes. <i>Polyhedron</i> , 2017, 122, 228-240.	1.0	103
2	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, 526-533.	2.0	86
3	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.	0.8	81
4	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.	0.8	80
5	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.	1.0	78
6	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.	1.2	70
7	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.	0.8	67
8	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, 661-669.	2.0	62
9	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.	1.0	58
10	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.	1.2	46
11	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.	1.3	42
12	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.	1.5	42
13	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.	1.4	39
14	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.	0.8	38
15	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.	1.7	30
16	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.	1.7	30
17	Crystal structure, spectral property, antimicrobial activity and DFT calculation of N-(4-(Benzo[dioxol-5-ylmethyleneamino]phenyl)ethanone oxime)-(2-amino-5-phenyl-1,3,4-thiadiazol-2-yl) urea. <i>Journal of Molecular Structure</i> , 2017, 1145, 32-42.	1.8	29
18	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.	1.8	28

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19	A New Star-shaped Carbazole Derivative with Polyhedral Oligomeric Silsesquioxane Core: Crystal Structure and Unique Photoluminescence Property. <i>Journal of Fluorescence</i> , 2016, 26, 149-154.	1.3	26
20	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.	0.8	23
21	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.	1.8	23
22	X-ray structures, spectroscopic, antimicrobial activity, ESP/HSA and TD/DFT calculations of Bi(III) complex containing imidazole ring. <i>Journal of Molecular Structure</i> , 2022, 1256, 132517.	1.8	23
23	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.	1.7	19
24	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.	1.2	19
25	Novel zinc (II) and nickel (II) complexes of a quinazoline-based ligand with an imidazole ring: Synthesis, spectroscopic property, antibacterial activities, time-dependent density functional theory calculations and Hirshfeld surface analysis. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	18
26	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.	1.8	16
27	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, .	1.7	15
28	Co (II) and Cd (II) complexes with imidazole-carboxaldehyde groups: spectroscopic, antibacterial, Hirshfeld surfaces analyses, and TD/DFT calculations. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6279.	1.7	15
29	Spectroscopic studies, TD/DFT calculations, electrochemical, antibacterial, and Hirshfeld surface analysis of Ni(II) and Co(III) complexes based on 3-ethoxy salicylaldehyde. <i>Journal of Molecular Structure</i> , 2022, 1266, 133554.	1.8	14
30	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.	1.7	13
31	Antimicrobial activities of two 1D, 2D, and 3D mononuclear Mn (II) and dinuclear Bi (III) complexes: X-ray structures, spectroscopic, electrostatic potential, Hirshfeld surface analysis, and time-dependent/density functional theory studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	12
32	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.	0.8	7
33	Synthesis and Crystal Structure of $N,N'$ -bis(2-ethylphenyl)-2,2'-bipyridine. <i>Journal of Molecular Structure</i> , 2008, 183, 1181-1187.	0.8	6
34	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.	0.3	6
35	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. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6475.	1.7	6
36	Monte Carlo simulations of properties of side-chain liquid-crystal polymers. <i>Polymer International</i> , 2006, 55, 1323-1329.	1.6	5

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37	One-Pot Synthesis of Phenylallyl Substituted Unsymmetrical Ureas Under Microwave Irradiation. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 2491-2496.	0.8	5
38	Synthesis of Asymmetric Semicarbazides using a Coumarin Ring. Journal of Chemical Research, 2012, 36, 12-14.	0.6	4
39	Synthesis of Benzofuryl Substituted Unsymmetrical Ureas Under Microwave Irradiation. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 453-459.	0.8	3
40	Synthesis of Styryl Substituted Semicarbazides under Microwave Irradiation. Journal of Chemical Research, 2013, 37, 356-358.	0.6	3
41	Bis[(E)-4-bromo-2-(methoxyiminomethyl)phenolato- $\lambda^2$ N,O1]copper(II). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1599-m1599.	0.2	0