

Ting-Hong Huang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural characterization, DFT studies and luminescent properties of dinuclear copper(I)-diimine complexes with the S-shape configurations. <i>Inorganica Chimica Acta</i> , 2022, 529, 120639.	2.4	3
2	Synthesis, structures, DFT studies and properties of novel tertiary diphosphines based on 1±- and 1²-naphthylamine. <i>Journal of Molecular Structure</i> , 2022, 1247, 131375.	3.6	1
3	Structures, electronic and luminescent properties of Cu(I)-quinoline complex at different temperatures and its application to red light-emitting diode. <i>Inorganica Chimica Acta</i> , 2021, 514, 120008.	2.4	5
4	Luminescent cationic/neutral Cu(I) complexes for use in light-emitting diodes: Synthesis, structural characterization, DFT studies and properties. <i>Organic Electronics</i> , 2021, 97, 106273.	2.6	6
5	Synthesis, structures, DFT studies and luminescent properties of copper(I)-diimine complexes and application in yellow-green light-emitting diode. <i>Inorganica Chimica Acta</i> , 2021, 526, 120501.	2.4	8
6	Influence of different solvents on structures and electronic properties of new Fe2S2 complexes containing bis(2-diphenylphosphinophenyl)ether. <i>Journal of Molecular Structure</i> , 2021, 1243, 130848.	3.6	5
7	Bisphosphine-Stabilized Gold Nanoclusters with the Crown/Birdcage-Shaped Au₁₁ Cores: Structures and Optical Properties. <i>Inorganic Chemistry</i> , 2020, 59, 16027-16034.	4.0	20
8	Coupling of abrasion attrition theory with mechanical characteristics for particle attrition in a fluidized bed reactor. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2544.	1.5	4
9	Structural characterization, electronic and luminescent properties of copper(I) complexes with different temperatures and their application to light-emitting diodes. <i>Journal of Luminescence</i> , 2020, 227, 117530.	3.1	13
10	Structural characterization, DFT studied, luminescent properties of cationic/neutral three-coordinate copper (I) complexes and application in warm-white light-emitting diode. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5691.	3.5	6
11	Eu3+-doped SrGe4O9 red emitting phosphors: structural, luminescence properties, theoretical calculation and applications. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	1
12	High thermal stability and colour saturation red-emitting Ba2AGe2O7: Eu3+ (A = Mg, Zn) phosphors for WLEDs. <i>Journal of Luminescence</i> , 2019, 216, 116734.	3.1	25
13	Blue-emitting Bi-doped double perovskite Gd2ZnTiO6 phosphor with near-ultraviolet excitation for warm white light-emitting diodes. <i>Journal of Alloys and Compounds</i> , 2019, 788, 1127-1136.	5.5	41
14	Synthesis, structural characterization and photoluminescent properties of 2D multilayer Cu + coordination polymers via C-H...N and N...N interactions. <i>Journal of Molecular Structure</i> , 2017, 1143, 431-437.	3.6	7
15	Synthesis, structural characterization and photoluminescent properties of copper(I) coordination polymers with extended C-H...N and C-N...N interactions. <i>Inorganica Chimica Acta</i> , 2017, 455, 1-8.	2.4	9
16	Synthesis, structures and fluorescent properties of metal complexes based on polyphosphine ligands. <i>Journal of Molecular Structure</i> , 2017, 1127, 138-144.	3.6	4
17	Synthesis, structures and properties of Ag+ complexes containing polyphosphine ligands with extended Ag...C, N-O...N and C-H...N interactions. <i>Journal of Molecular Structure</i> , 2016, 1117, 30-36.	3.6	1
18	Synthesis, Structural Characterisation, DFT Studies, and Spectroscopic Properties of Copper(I) Complexes with Extended C-H...N...N...N Interactions. <i>Australian Journal of Chemistry</i> , 2016, 69, 826.	0.9	4

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19	Synthesis, Structures, and Properties of Polynuclear Silver(I) Complexes Containing Tetra-Phosphine Ligand with Ag...C Interactions. Australian Journal of Chemistry, 2016, 69, 336.	0.9	2
20	Octahedral and Cyclic [Ag ₆] Cluster Cores Stabilized by {Ag ₃ (Spz) ₃ (N ⁺ triphos) ₃ } Motifs [HSpz = Pyrazine-2-thiolate, N ⁺ triphos = Tris((diphenylphosphanyl)methyl)amine]: Ag...Ag Interactions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2664-2669.	1.2	3
21	Synthesis, Structural Characterisation, and Spectroscopic Properties of Copper(I) Complexes and their Applications to Dye-Sensitised Solar Cells. Australian Journal of Chemistry, 2015, 68, 1144.	0.9	6
22	Synthesis, structure, and spectroscopic properties of Cu ⁺ complexes and its application to solar cells. Journal of Coordination Chemistry, 2015, 68, 1514-1527.	2.2	11
23	Synthesis, structure, characterization and luminescent properties of copper(I) complexes based on bis-diimine bridging ligands. Inorganica Chimica Acta, 2015, 437, 47-53.	2.4	12
24	Synthesis, structure, characterization and fluorescent properties of Ag ⁺ complexes with extended π - π interactions. Journal of Molecular Structure, 2015, 1101, 66-72.	3.6	4
25	Interconversion of Copper(I) to Copper(II): Synthesis, Crystal Structure, UV-Vis Spectrum, and DFT Studies of [Cu(Phterpy) ₂](BF ₄) ₂ (Phterpy = 4-phenyl-2,6:6',2'-terpyridine). Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 177-180.		2
26	Synthesis, Structural Characterization, Spectroscopic Properties of Copper (I) Complexes [Cu ₂ (CH ₃ CN) ₄ (dppm) ₂](BF ₄) ₂ and [Cu ₂ (pmk)(dppm) ₂](BF ₄) ₂ (dppm = bis(diphenylphosphino)methane, pmk = bis(diphenylphosphino)ethane). Journal of Inorganic Chemistry, 2014, 44, 986-990.	0.6	5
27	Novel copper(I) complexes with extended π - π interactions: Synthesis, structure, characterization and spectroscopic properties. Inorganica Chimica Acta, 2014, 416, 28-34.	2.4	7
28	Synthesis, structure, characterization and spectroscopic properties of Cu ⁺ complexes with extended π - π interactions. Inorganica Chimica Acta, 2014, 410, 150-155.	2.4	6
29	Synthesis, structures and characterization of metal complexes containing 4-phenyl-2,6:6',2'-terpyridine ligands with extended π - π interactions. Inorganica Chimica Acta, 2013, 408, 91-95.	2.4	18
30	Gold(I) Chloride Complexes of Polyphosphine Ligands with Electron-Rich Arene Spacer: Gold-Arene Interactions. Organometallics, 2012, 31, 2343-2348.	2.3	16
31	Synthesis, structural characterization and luminescent properties of a series of Cu(I) complexes based on polyphosphine ligands. Dalton Transactions, 2011, 40, 7551.	3.3	63
32	Synthesis and structures of helical and meso-helical coordination polymers directed by the conformation restriction of flexible/angular pyridine-containing ligands. CrystEngComm, 2010, 12, 4356.	2.6	17
33	{[4-trans-N,N'-Bis((diphenylphosphanyl)methyl)benzene-1,4-diamine- η^2 P ₂]}bis{(acetonitrile- η^1 N)[dipyrido[3,2-a:2',3'-c]pyridine]bis(tetrafluoroborate)}. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1085-m1085.	0.2	1