

Qing-Xiang Liu

List of Publications by Year in descending order

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799
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular biogeography of planktonic and benthic diatoms in the Yangtze River. <i>Microbiome</i> , 2019, 7, 153.	11.1	50
2	New N-heterocyclic carbene silver(I) and mercury(II) 2-D supramolecular layers by the π - π stacking interactions. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3655-3663.	1.8	46
3	Two N-Heterocyclic Carbene Silver(I) Cyclophanes: Synthesis, Structural Studies, and Recognition for π -Phenylenediamine. <i>Organometallics</i> , 2011, 30, 3732-3739.	2.3	45
4	NHC Pd(II) Complex Bearing 1,6-Hexylene Linker: Synthesis and Catalytic Activity in the Suzuki-Miyaura and Heck-Mizoroki Reactions. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1253-1261.	2.4	45
5	NHC Metal (Silver, Mercury, and Nickel) Complexes Based on Quinoxaline-Dibenzimidazolium Salts: Synthesis, Structural Studies, and Fluorescent Chemosensors for Cu ²⁺ by Charge Transfer. <i>Organometallics</i> , 2013, 32, 3493-3501.	2.3	45
6	Silver(I), mercury(II) and palladium(II) complexes of functionalized N-heterocyclic carbenes: Synthesis, structural studies and catalytic activity. <i>Inorganica Chimica Acta</i> , 2011, 376, 437-445.	2.4	37
7	Cobalt(II), copper(II), zinc(II) and cadmium(II) complexes based on dibenzimidazolyl bidentate ligands with alkanyl linkers: crystal structure, weak interactions and conformations. <i>Dalton Transactions</i> , 2013, 42, 5902.	3.3	37
8	N-Heterocyclic carbene copper(I), mercury(II) and silver(I) complexes containing durene linker: synthesis and structural studies. <i>CrystEngComm</i> , 2011, 13, 293-305.	2.6	34
9	N-Heterocyclic carbene silver(I), palladium(II) and mercury(II) complexes: synthesis, structural studies and catalytic activity. <i>CrystEngComm</i> , 2012, 14, 5330.	2.6	30
10	Macrocyclic dinuclear silver(I) complexes based on bis(N-heterocyclic carbene) ligands: synthesis and structural studies. <i>CrystEngComm</i> , 2010, 12, 2245.	2.6	29
11	Turn on ESPT: Novel salicylaldehyde based sensor for biological important fluoride sensing. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 75-79.	3.8	28
12	Mercury(II), copper(II) and silver(I) complexes with ether or diether functionalized bis-NHC ligands: synthesis and structural studies. <i>CrystEngComm</i> , 2011, 13, 4086.	2.6	27
13	Tetranuclear N-Heterocyclic Carbene Mercury(II) Complexes Containing Triply Deprotonated Acetonitrile: Synthesis and Structural Studies. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 983-988.	2.0	23
14	A new fluorescent colorimetric chemosensor for cobalt(II) ions based on bis-benzimidazolium salt with three anthraquinone groups. <i>New Journal of Chemistry</i> , 2018, 42, 20049-20055.	2.8	23
15	NHC Pd(II) and Ag(I) Complexes: Synthesis, Structure, and Catalytic Activity in Three Types of C-C Coupling Reactions. <i>ACS Omega</i> , 2018, 3, 4035-4047.	3.5	22
16	Fluoride-driven "turn on" ESPT in the binding with a novel benzimidazole-based sensor. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 563-567.	2.2	15
17	Structures of NHC Hg(II) and Ag(I) complexes and selective recognition of nitrate anion. <i>CrystEngComm</i> , 2015, 17, 1358-1373.	2.6	15
18	NHC macrometallo cycles of mercury(II) and silver(I): synthesis, structural studies and recognition of Hg(II) complex 4 for silver ion. <i>RSC Advances</i> , 2015, 5, 28435-28447.	3.6	14

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19	Synthesis, structure and catalysis of a NHC-Pd complex based on a tetradentate mixed ligand. RSC Advances, 2015, 5, 85568-85578.	3.6	13
20	Investigation on the photophysical properties of ESPT inspired salicylaldehyde-based sensor for fluoride sensing. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 140, 198-201.	3.9	12
21	Synthesis and structural studies of N-heterocyclic carbene Ag(I) and Hg(II) complexes and recognition of dihydrogen phosphate anion. Scientific Reports, 2017, 7, 7534.	3.3	10
22	Catalytic activities of NHC-PdCl ₂ species based on functionalized tetradentate imidazolium salt in three types of C-C coupling reactions. Applied Organometallic Chemistry, 2018, 32, e4429.	3.5	10
23	Two macrocycle-based sensors for anions sensing. Scientific Reports, 2019, 9, 502.	3.3	9
24	NHC Hg and Pd complexes based on 1,8-dihydroxy-9,10-anthraquinone: synthesis, structure and catalysis. New Journal of Chemistry, 2018, 42, 13329-13338.	2.8	7
25	Preparation of Macrometallocycle and Selective Sensor for Copper Ion. Scientific Reports, 2018, 8, 10943.	3.3	7
26	Copper(ii) and cobalt(ii) complexes based on bis-benzimidazolyl ligand with 1,2-bis(2-ethoxy)phenyl linker: synthesis, crystal structure and conformations. CrystEngComm, 2014, 16, 1950.	2.6	5
27	Synthesis of N-Heterocyclic Carbene Silver(I) and Palladium(II) Complexes with Acylated Piperazine Linker and Catalytic Activity in Three Types of C-C Coupling Reactions. Chinese Journal of Chemistry, 2021, 39, 605-613.	4.9	5
28	Synthesis and crystal structure of new cobalt(II) and copper(II) complexes with deprotonated N-[2-(4-methyl)pyrimidinyl]-2-nitrobenzenesulfonylurea. Journal of Coordination Chemistry, 2008, 61, 2990-2998.	2.2	4
29	Preparation and Intramolecular C-C Coupling Reaction for Bis-benzimidazolium Salt. Chinese Journal of Chemistry, 2015, 33, 1037-1040.	4.9	4
30	An NHC silver macrometallocycle: synthesis, structure and selective recognition of iodide anions. RSC Advances, 2016, 6, 12256-12262.	3.6	4
31	Preparation, crystal structures and conformations of six complexes based on 1,4-bis(benzimidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene. CrystEngComm, 2014, 16, 7023-7036.	2.6	3
32	A mesitylene-bridged bis-benzimidazolyl ligand and six metal coordination compounds. Journal of Coordination Chemistry, 2016, 69, 3053-3071.	2.2	2
33	Macrometallocycle binuclear NHC silver(i) complexes: synthesis, structure and recognition of o-phenylenediamine. New Journal of Chemistry, 2017, 41, 4843-4852.	2.8	1
34	Preparation of anthracene-based tetraaperimidine hexafluorophosphate and selective recognition of chromium(III) ions. Beilstein Journal of Organic Chemistry, 2019, 15, 2847-2855.	2.2	0
35	Preparation and structure of three NHC metal (Ag(I) and Hg(II)) complexes as well as the selective recognition of complex 1 for dihydrogen phosphate. Applied Organometallic Chemistry, 0, , .	3.5	0