Qing-Xiang Liu

List of Publications by Year
in descending order

35 papers	661 citations	567281 15 h-index	580821 25 g-index
36 all docs	36 docs citations	36 times ranked	799 citing authors

#	Article	IF	Citations
1	Synthesis of<scp>Nâ€Heterocyclic</scp>Carbine Silver(I) and Palladium(<scp>II</scp>) Complexes with Acylated Piperazine Linker and Catalytic Activity in Three Types of Câ€"C Coupling Reactions. Chinese Journal of Chemistry, 2021, 39, 605-613.	4.9	5
2	Two macrocycle-based sensors for anions sensing. Scientific Reports, 2019, 9, 502.	3.3	9
3	Preparation of anthracene-based tetraperimidine hexafluorophosphate and selective recognition of chromium(III) ions. Beilstein Journal of Organic Chemistry, 2019, 15, 2847-2855.	2.2	0
4	Molecular biogeography of planktonic and benthic diatoms in the Yangtze River. Microbiome, 2019, 7, 153.	11.1	50
5	NHC Pd(II) and Ag(I) Complexes: Synthesis, Structure, and Catalytic Activity in Three Types of Câ€"C Coupling Reactions. ACS Omega, 2018, 3, 4035-4047.	3.5	22
6	A new fluorescentâ€"colorimetric chemosensor for cobalt(<scp>ii</scp>) ions based on bis-benzimidazolium salt with three anthraquinone groups. New Journal of Chemistry, 2018, 42, 20049-20055.	2.8	23
7	Catalytic activities of NHCâ€PdCl₂ species based on functionalized tetradentate imidazolium salt in three types of Câ€C coupling reactions. Applied Organometallic Chemistry, 2018, 32, e4429.	3.5	10
8	NHC Hg(<scp>ii</scp>) and Pd(<scp>ii</scp>) complexes based on 1,8-dihydroxy-9,10-anthraquinone: synthesis, structure and catalysis. New Journal of Chemistry, 2018, 42, 13329-13338.	2.8	7
9	Preparation of Macrometallocycle and Selective Sensor for Copper Ion. Scientific Reports, 2018, 8, 10943.	3.3	7
10	Macrometallocycle binuclear NHC silver(i) complexes: synthesis, structure and recognition of o-phenylenediamine. New Journal of Chemistry, 2017, 41, 4843-4852.	2.8	1
11	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
12	A mesitylene-bridged bis-benzimidazolyl ligand and six metal coordination compounds. Journal of Coordination Chemistry, 2016, 69, 3053-3071.	2.2	2
13	An NHC silver(<scp>i</scp>) macrometallocycle: synthesis, structure and selective recognition of iodide anions. RSC Advances, 2016, 6, 12256-12262.	3.6	4
14	Preparation and Intramolecular Cï£¿C Coupling Reaction for Bisâ€benzimidazolium Salt. Chinese Journal of Chemistry, 2015, 33, 1037-1040.	4.9	4
15	Fluoride-driven â€˜turn onâ€™ ESPT in the binding with a novel benzimidazole-based sensor. Beilstein Journal of Organic Chemistry, 2015, 11, 563-567.	2.2	15
16	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
17	NHC macrometallocycles of mercury(<scp>ii</scp>) and silver(<scp>i</scp>): synthesis, structural studies and recognition of Hg(<scp>ii</scp>) complex 4 for silver ion. RSC Advances, 2015, 5, 28435-28447.	3.6	14
18	Synthesis, structure and catalysis of a NHCâ€"Pd(<scp>ii</scp>) complex based on a tetradentate mixed ligand. RSC Advances, 2015, 5, 85568-85578.	3.6	13

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19	Structures of NHC Hg(<scp>ii</scp>) and Ag(<scp>i</scp>) complexes and selective recognition of nitrate anion. CrystEngComm, 2015, 17, 1358-1373.	2.6	15
20	Turn on ESPT: Novel salicylaldehyde based sensor for biological important fluoride sensing. Journal of Photochemistry and Photobiology B: Biology, 2014, 138, 75-79.	3.8	28
21	Copper(ii) and cobalt(ii) complexes based on bis-benzimidazolyl ligand with 1,2-bis(2â€²-ethoxy)phenyl linker: synthesis, crystal structure and conformations. CrystEngComm, 2014, 16, 1950.	2.6	5
22	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
23	NHC Pd^{II} Complex Bearing 1,6â€Hexylene Linker: Synthesis and Catalytic Activity in the Suzukiâ€“Miyaura and Heckâ€“Mizoroki Reactions. European Journal of Organic Chemistry, 2013, 2013, 1253-1261.	2.4	45
24	NHC Metal (Silver, Mercury, and Nickel) Complexes Based on Quinoxalineâ€“Dibenzimidazolium Salts: Synthesis, Structural Studies, and Fluorescent Chemosensors for Cu²⁺ by Charge Transfer. Organometallics, 2013, 32, 3493-3501.	2.3	45
25	Cobalt(ii), copper(ii), zinc(ii) and cadmium(ii) complexes based on dibenzimidazolyl bidentate ligands with alkanyl linkers: crystal structure, weak interactions and conformations. Dalton Transactions, 2013, 42, 5902.	3.3	37
26	N-Heterocyclic carbene silver(i), palladium(ii) and mercury(ii) complexes: synthesis, structural studies and catalytic activity. CrystEngComm, 2012, 14, 5330.	2.6	30
27	Two N-Heterocyclic Carbene Silver(I) Cyclophanes: Synthesis, Structural Studies, and Recognition for p-Phenylenediamine. Organometallics, 2011, 30, 3732-3739.	2.3	45
28	N-Heterocyclic carbene copper(<scp>i</scp>), mercury(<scp>ii</scp>) and silver(<scp>i</scp>) complexes containing durene linker: synthesis and structural studies. CrystEngComm, 2011, 13, 293-305.	2.6	34
29	Mercury(ii), copper(ii) and silver(i) complexes with ether or diether functionalized bis-NHC ligands: synthesis and structural studies. CrystEngComm, 2011, 13, 4086.	2.6	27
30	Silver(I), mercury(II) and palladium(II) complexes of functionalized N-heterocyclic carbenes: Synthesis, structural studies and catalytic activity. Inorganica Chimica Acta, 2011, 376, 437-445.	2.4	37
31	Tetranuclear N-Heterocyclic Carbene Mercury(II) Complexes Containing Triply Deprotonated Acetonitrile: Synthesis and Structural Studies. European Journal of Inorganic Chemistry, 2010, 2010, 983-988.	2.0	23
32	Macrocyclic dinuclear silver(i) complexes based on bis(N-heterocyclic carbene) ligands: synthesis and structural studies. CrystEngComm, 2010, 12, 2245.	2.6	29
33	Synthesis and crystal structure of new cobalt(II) and copper(II) complexes with deprotonatedN-[2â€²-(4-methyl) pyrimidinyl]-2-nitrobenzenesulfonylurea. Journal of Coordination Chemistry, 2008, 61, 2990-2998.	2.2	4
34	New N-heterocyclic carbene silver(I) and mercury(II) 2-D supramolecular layers by the Ï€â€“Ï€ stacking interactions. Journal of Organometallic Chemistry, 2007, 692, 3655-3663.	1.8	46
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