Chun Liu

List of Publications by Year
in descending order

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54	1,615	304743 22	302126 39
papers	citations	h-index	g-index

59	59	59	1857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Living Supramolecular Polymerization of Ultrastable Kinetic Species of Ir(III) Complexes in Aqueous Media. ACS Applied Polymer Materials, 2022, 4, 1055-1064.	4.4	10
2	Living supramolecular polymerization of an AIE-active Ir(<scp>iii</scp>) complex with irregular emission. Materials Chemistry Frontiers, 2021, 5, 7808-7816.	5.9	11
3	Luminescence properties of cyclometalated platinum(II) complexes in a dichloromethane/n-hexane system. Tetrahedron Letters, 2021, 66, 152802.	1.4	4
4	One-Pot Synthesis of Dimethyl Carbonate over a Binary Catalyst of an Ionic Liquid and an Alkali Carbonate under Low Pressure. ACS Omega, 2021, 6, 13839-13846.	3.5	9
5	Oneâ€Pot Synthesis of Organic Carbonate from Alcohol and Alkyl Bromide under Low CO₂ Pressure. ChemistrySelect, 2021, 6, 10548-10553.	1.5	2
6	Synthesis of dimethyl carbonate from methanol and CO₂ under low pressure. RSC Advances, 2021, 11, 35711-35717.	3.6	7
7	Effects of phenyl/thienyl substituents at acetylacetone auxiliary ligands on the properties of cyclometalated platinum(II) complexes. Dyes and Pigments, 2020, 173, 107949.	3.7	12
8	Effects of fluorine and phenyl substituents on oxygen sensitivity and photostability of cyclometalated platinum(II) complexes. Sensors and Actuators B: Chemical, 2020, 304, 127378.	7.8	23
9	Synthesis and properties of fluorinated cyclometalated Ir(III) complexes. Tetrahedron, 2020, 76, 131390.	1.9	1
10	Effects of fluorine substituent on properties of cyclometalated iridium(III) complexes with a 2,2â€²-bipyridine ancillary ligand. Tetrahedron, 2019, 75, 130686.	1.9	12
11	A diphenylamino-substituted cationic cyclometalated Ir(<scp>iii</scp>) complex: its aggregation-induced phosphorescent emission and oxygen sensing properties. Materials Chemistry Frontiers, 2019, 3, 1593-1600.	5.9	20
12	Temperature-controlled sequential Suzukiâ€“Miyaura reactions for preparing unsymmetrical terphenyls. Organic and Biomolecular Chemistry, 2018, 16, 8719-8723.	2.8	8
13	Cyclometalated Ir(III) complexes-catalyzed aerobic hydroxylation of arylboronic acids induced by visible-light. Tetrahedron, 2017, 73, 3031-3035.	1.9	7
14	Palladium/Amine Complex Catalyzed Suzuki-Miyaura Reaction of Arylboron Compounds in Water. ChemistrySelect, 2017, 2, 4016-4020.	1.5	8
15	Effect of substituents on properties of diphenylphosphoryl-substituted bis-cyclometalated Ir(III) complexes with a picolinic acid as ancillary ligand. Dyes and Pigments, 2017, 145, 136-143.	3.7	9
16	Effect of ancillary ligands on the properties of diphenylphosphoryl-substituted cationic Ir(<scp>iii</scp>) complexes. Journal of Materials Chemistry C, 2017, 5, 3519-3527.	5.5	18
17	Bis-cyclometalated Ir(III) complexes with a diphenylamino group: design, synthesis, and application in oxygen sensing. Dyes and Pigments, 2017, 136, 641-647.	3.7	20
18	Oxygen-Promoted Suzuki-Miyaura Reaction for Efficient Construction of Biaryls. Chemical Record, 2016, 16, 84-97.	5.8	22

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19	Oxygen-promoted Pd/C-catalyzed Suzukiâ€“Miyaura reaction of potassium aryltrifluoroborates. Chinese Chemical Letters, 2016, 27, 631-634.	9.0	20
20	Photostable ester-substituted bis-cyclometalated cationic iridium(<scp>iii</scp>) complexes for continuous monitoring of oxygen. Dalton Transactions, 2016, 45, 734-741.	3.3	15
21	Photostable trifluoromethyl-substituted platinum(<scp>ii</scp>) emitters for continuous monitoring of molecular oxygen. Journal of Materials Chemistry C, 2015, 3, 2166-2174.	5.5	36
22	Arylation of pyridine N-oxides via a ligand-free Suzuki reaction in water. Chinese Chemical Letters, 2015, 26, 55-57.	9.0	7
23	Trifluoromethyl-substituted cyclometalated iridium^{III} emitters with high photostability for continuous oxygen sensing. Journal of Materials Chemistry C, 2015, 3, 8010-8017.	5.5	44
24	Palladium-catalyzed efficient Suzukiâ€“Miyaura reaction of potassium aryltrifluoroborates in water. Catalysis Communications, 2015, 69, 81-85.	3.3	13
25	Photostable Fluorophenyl-Substituted Cyclometalated Platinum(II) Emitters for Monitoring of Molecular Oxygen in Real Time. Inorganic Chemistry, 2015, 54, 7783-7790.	4.0	30
26	Low pressure one-pot synthesis of dimethyl carbonate catalyzed by an alkali carbonate. Chinese Journal of Catalysis, 2015, 36, 1136-1141.	14.0	14
27	Palladium-catalyzed ligand-free and efficient Suzukiâ€“Miyaura reaction of heteroaryl halides with MIDA boronates in water. RSC Advances, 2015, 5, 54312-54315.	3.6	14
28	In situ-generated nano-palladium-catalyzed ligand-free Suzukiâ€“Miyaura reaction of potassium aryltrifluoroborates at room temperature. Tetrahedron, 2015, 71, 3954-3959.	1.9	15
29	Pd and Pdâ€“CuO nanoparticles in hollow silicalite-1 single crystals for enhancing selectivity and activity for the Suzukiâ€“Miyaura reaction. RSC Advances, 2015, 5, 40297-40302.	3.6	38
30	2â€²Phenylquinolineâ€Based Cyclometalated Platinum(II) Complexes: Synthesis and Structureâ€“Photoelectric Properties Relationship in Oxygen Sensing. ChemPlusChem, 2014, 79, 1472-1481.	2.8	16
31	Pd/C-catalyzed ligand-free and aerobic Suzuki reaction in water. Chinese Journal of Catalysis, 2014, 35, 357-361.	14.0	14
32	Substituent effects on the photophysical and electrochemical properties of iridium(III) complexes containing an arylcarbazolyl moiety. Dyes and Pigments, 2014, 109, 13-20.	3.7	10
33	Novel triphenylamine-based cyclometalated platinum(II) complexes for efficient luminescent oxygen sensing. Dyes and Pigments, 2014, 101, 85-92.	3.7	45
34	Palladium-catalyzed ligand-free and aqueous Suzuki reaction for the construction of (hetero)aryl-substituted triphenylamine derivatives. RSC Advances, 2013, 3, 526-531.	3.6	27
35	Oxygenâ€promoted Palladiumâ€onâ€Carbonâ€catalyzed Ligandâ€free Suzuki Reaction for the Synthesis of Heterobiaryls in Aqueous Media. Asian Journal of Organic Chemistry, 2013, 2, 514-518.	2.7	11
36	An Aerobic and Very Fast Pd/Câ€Catalyzed Ligandâ€Free and Aqueous Suzuki Reaction Under Mild Conditions. European Journal of Organic Chemistry, 2013, 2013, 4345-4350.	2.4	48

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37	Poly(ethylene glycol)-functionalized imidazolium saltsâ€“palladium-catalyzed Suzuki reaction in water. Green Chemistry, 2012, 14, 592.	9.0	88
38	A highly efficient and aerobic protocol for the synthesis of N-heteroaryl substituted 9-arylcarbazolyl derivatives via a palladium-catalyzed ligand-free Suzuki reaction. Organic and Biomolecular Chemistry, 2012, 10, 7875.	2.8	29
39	Synthesis and Properties of Oxygen-Linked N-Phenylcarbazole Dendrimers. Macromolecules, 2012, 45, 751-765.	4.8	37
40	A simple and efficient approach for the palladium-catalyzed ligand-free Suzuki reaction in water. Green Chemistry, 2012, 14, 2999.	9.0	100
41	A simple and efficient protocol for a palladium-catalyzed ligand-free Suzuki reaction at room temperature in aqueous DMF. Green Chemistry, 2011, 13, 1260.	9.0	114
42	Oxygen-promoted PdCl₂-catalyzed ligand-free Suzuki reaction in aqueous media. Organic and Biomolecular Chemistry, 2011, 9, 1054-1060.	2.8	83
43	Very Fast, Ligandâ€Free and Aerobic Protocol for the Synthesis of 4â€Arylâ€Substituted Triphenylamine Derivatives. European Journal of Organic Chemistry, 2011, 2011, 3009-3015.	2.4	25
44	Thermoregulated ligandâ€“palladiumâ€catalyzed Suzuki reaction in water. Applied Organometallic Chemistry, 2011, 25, 168-172.	3.5	31
45	Efficient synthesis of 4â€heteroarylâ€substituted triphenylamine derivatives via a ligandâ€free Suzuki reaction. Applied Organometallic Chemistry, 2011, 25, 862-866.	3.5	8
46	Green synthesis of fluorinated biaryl derivatives via thermoregulated ligand/palladium-catalyzed Suzuki reaction. Journal of Organometallic Chemistry, 2011, 696, 2641-2647.	1.8	39
47	A General and Highly Efficient Method for the Construction of Arylâ€Substituted Nâ€Heteroarenes. European Journal of Organic Chemistry, 2010, 2010, 5548-5551.	2.4	39
48	A ligand-free Heck reaction catalyzed by the in situ-generated palladium nanoparticles in PEG-400. Chinese Chemical Letters, 2010, 21, 1411-1414.	9.0	40
49	An Efficient Protocol for a Pd(OAc)2-Catalyzed Ligand-Free Suzuki Reaction in Toluene. Chinese Journal of Catalysis, 2010, 31, 1316-1320.	14.0	7
50	In situ formation of N,O-bidentate ligand via the hydrogen bond for highly efficient Suzuki reaction of aryl chlorides. Chemical Communications, 2010, 46, 2659.	4.1	32
51	Water-Soluble Imine Ligand/Palladium-Catalyzed Suzuki Reaction at Room Temperature. Chinese Journal of Catalysis, 2010, 31, 1277-1280.	14.0	2
52	A fast and oxygen-promoted protocol for the ligand-free Suzuki reaction of 2-halogenated pyridines in aqueous media. Chemical Communications, 2009, , 6267.	4.1	59
53	Aerobic Ligandâ€Free Suzuki Coupling Reaction of Aryl Chlorides Catalyzed by In Situ Generated Palladium Nanoparticles at Room Temperature. Advanced Synthesis and Catalysis, 2008, 350, 501-508.	4.3	112
54	In Situ Generation of Palladium Nanoparticles:â€‰ A Simple and Highly Active Protocol for Oxygen-Promoted Ligand-Free Suzuki Coupling Reaction of Aryl Chlorides. Organic Letters, 2007, 9, 4005-4007.	4.6	150