

Chun Liu

List of Publications by Year in descending order

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54
papers

1,615
citations

304743

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302126

39
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59
all docs

59
docs citations

59
times ranked

1857
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Generation of Palladium Nanoparticles: A Simple and Highly Active Protocol for Oxygen-Promoted Ligand-Free Suzuki Coupling Reaction of Aryl Chlorides. <i>Organic Letters</i> , 2007, 9, 4005-4007.	4.6	150
2	A simple and efficient protocol for a palladium-catalyzed ligand-free Suzuki reaction at room temperature in aqueous DMF. <i>Green Chemistry</i> , 2011, 13, 1260.	9.0	114
3	Aerobic Ligand-Free Suzuki Coupling Reaction of Aryl Chlorides Catalyzed by <i>In Situ</i> Generated Palladium Nanoparticles at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 501-508.	4.3	112
4	A simple and efficient approach for the palladium-catalyzed ligand-free Suzuki reaction in water. <i>Green Chemistry</i> , 2012, 14, 2999.	9.0	100
5	Poly(ethylene glycol)-functionalized imidazolium salts-palladium-catalyzed Suzuki reaction in water. <i>Green Chemistry</i> , 2012, 14, 592.	9.0	88
6	Oxygen-promoted PdCl ₂ -catalyzed ligand-free Suzuki reaction in aqueous media. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1054-1060.	2.8	83
7	A fast and oxygen-promoted protocol for the ligand-free Suzuki reaction of 2-halogenated pyridines in aqueous media. <i>Chemical Communications</i> , 2009, , 6267.	4.1	59
8	An Aerobic and Very Fast Pd/Catalyzed Ligand-Free and Aqueous Suzuki Reaction Under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4345-4350.	2.4	48
9	Novel triphenylamine-based cyclometalated platinum(II) complexes for efficient luminescent oxygen sensing. <i>Dyes and Pigments</i> , 2014, 101, 85-92.	3.7	45
10	Trifluoromethyl-substituted cyclometalated iridium ^{III} emitters with high photostability for continuous oxygen sensing. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8010-8017.	5.5	44
11	A ligand-free Heck reaction catalyzed by the in situ-generated palladium nanoparticles in PEG-400. <i>Chinese Chemical Letters</i> , 2010, 21, 1411-1414.	9.0	40
12	A General and Highly Efficient Method for the Construction of Aryl-Substituted N-Heteroarenes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5548-5551.	2.4	39
13	Green synthesis of fluorinated biaryl derivatives via thermoregulated ligand/palladium-catalyzed Suzuki reaction. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2641-2647.	1.8	39
14	Pd and Pd-CuO nanoparticles in hollow silicalite-1 single crystals for enhancing selectivity and activity for the Suzuki-Miyaura reaction. <i>RSC Advances</i> , 2015, 5, 40297-40302.	3.6	38
15	Synthesis and Properties of Oxygen-Linked N-Phenylcarbazole Dendrimers. <i>Macromolecules</i> , 2012, 45, 751-765.	4.8	37
16	Photostable trifluoromethyl-substituted platinum(^{II}) emitters for continuous monitoring of molecular oxygen. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2166-2174.	5.5	36
17	In situ formation of N,O-bidentate ligand via the hydrogen bond for highly efficient Suzuki reaction of aryl chlorides. <i>Chemical Communications</i> , 2010, 46, 2659.	4.1	32
18	Thermoregulated ligand-palladium-catalyzed Suzuki reaction in water. <i>Applied Organometallic Chemistry</i> , 2011, 25, 168-172.	3.5	31

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19	Photostable Fluorophenyl-Substituted Cyclometalated Platinum(II) Emitters for Monitoring of Molecular Oxygen in Real Time. <i>Inorganic Chemistry</i> , 2015, 54, 7783-7790.	4.0	30
20	A highly efficient and aerobic protocol for the synthesis of N-heteroaryl substituted 9-arylcarbazolyl derivatives via a palladium-catalyzed ligand-free Suzuki reaction. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7875.	2.8	29
21	Palladium-catalyzed ligand-free and aqueous Suzuki reaction for the construction of (hetero)aryl-substituted triphenylamine derivatives. <i>RSC Advances</i> , 2013, 3, 526-531.	3.6	27
22	Very Fast, Ligand-Free and Aerobic Protocol for the Synthesis of 4-Aryl-Substituted Triphenylamine Derivatives. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3009-3015.	2.4	25
23	Effects of fluorine and phenyl substituents on oxygen sensitivity and photostability of cyclometalated platinum(II) complexes. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127378.	7.8	23
24	Oxygen-Promoted Suzuki-Miyaura Reaction for Efficient Construction of Biaryls. <i>Chemical Record</i> , 2016, 16, 84-97.	5.8	22
25	Oxygen-promoted Pd/C-catalyzed Suzuki-Miyaura reaction of potassium aryltrifluoroborates. <i>Chinese Chemical Letters</i> , 2016, 27, 631-634.	9.0	20
26	Bis-cyclometalated Ir(III) complexes with a diphenylamino group: design, synthesis, and application in oxygen sensing. <i>Dyes and Pigments</i> , 2017, 136, 641-647.	3.7	20
27	A diphenylamino-substituted cationic cyclometalated Ir(III) complex: its aggregation-induced phosphorescent emission and oxygen sensing properties. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1593-1600.	5.9	20
28	Effect of ancillary ligands on the properties of diphenylphosphoryl-substituted cationic Ir(III) complexes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3519-3527.	5.5	18
29	2-Phenylquinoline-Based Cyclometalated Platinum(II) Complexes: Synthesis and Structure-Photoelectric Properties Relationship in Oxygen Sensing. <i>ChemPlusChem</i> , 2014, 79, 1472-1481.	2.8	16
30	In situ-generated nano-palladium-catalyzed ligand-free Suzuki-Miyaura reaction of potassium aryltrifluoroborates at room temperature. <i>Tetrahedron</i> , 2015, 71, 3954-3959.	1.9	15
31	Photostable ester-substituted bis-cyclometalated cationic iridium(III) complexes for continuous monitoring of oxygen. <i>Dalton Transactions</i> , 2016, 45, 734-741.	3.3	15
32	Pd/C-catalyzed ligand-free and aerobic Suzuki reaction in water. <i>Chinese Journal of Catalysis</i> , 2014, 35, 357-361.	14.0	14
33	Low pressure one-pot synthesis of dimethyl carbonate catalyzed by an alkali carbonate. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1136-1141.	14.0	14
34	Palladium-catalyzed ligand-free and efficient Suzuki-Miyaura reaction of heteroaryl halides with MIDA boronates in water. <i>RSC Advances</i> , 2015, 5, 54312-54315.	3.6	14
35	Palladium-catalyzed efficient Suzuki-Miyaura reaction of potassium aryltrifluoroborates in water. <i>Catalysis Communications</i> , 2015, 69, 81-85.	3.3	13
36	Effects of fluorine substituent on properties of cyclometalated iridium(III) complexes with a 2,2'-bipyridine ancillary ligand. <i>Tetrahedron</i> , 2019, 75, 130686.	1.9	12

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37	Effects of phenyl/thienyl substituents at acetylacetonate auxiliary ligands on the properties of cyclometalated platinum(II) complexes. <i>Dyes and Pigments</i> , 2020, 173, 107949.	3.7	12
38	Oxygen-promoted Palladium-Carbon-catalyzed Ligand-free Suzuki Reaction for the Synthesis of Heterobiaryls in Aqueous Media. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 514-518.	2.7	11
39	Living supramolecular polymerization of an AIE-active Ir(III) complex with irregular emission. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7808-7816.	5.9	11
40	Substituent effects on the photophysical and electrochemical properties of iridium(III) complexes containing an arylcarbazoyl moiety. <i>Dyes and Pigments</i> , 2014, 109, 13-20.	3.7	10
41	Living Supramolecular Polymerization of Ultrastable Kinetic Species of Ir(III) Complexes in Aqueous Media. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1055-1064.	4.4	10
42	Effect of substituents on properties of diphenylphosphoryl-substituted bis-cyclometalated Ir(III) complexes with a picolinic acid as ancillary ligand. <i>Dyes and Pigments</i> , 2017, 145, 136-143.	3.7	9
43	One-Pot Synthesis of Dimethyl Carbonate over a Binary Catalyst of an Ionic Liquid and an Alkali Carbonate under Low Pressure. <i>ACS Omega</i> , 2021, 6, 13839-13846.	3.5	9
44	Efficient synthesis of 4-heteroaryl-substituted triphenylamine derivatives via a ligand-free Suzuki reaction. <i>Applied Organometallic Chemistry</i> , 2011, 25, 862-866.	3.5	8
45	Palladium/Amine Complex Catalyzed Suzuki-Miyaura Reaction of Arylboron Compounds in Water. <i>ChemistrySelect</i> , 2017, 2, 4016-4020.	1.5	8
46	Temperature-controlled sequential Suzuki-Miyaura reactions for preparing unsymmetrical terphenyls. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8719-8723.	2.8	8
47	An Efficient Protocol for a Pd(OAc) ₂ -Catalyzed Ligand-Free Suzuki Reaction in Toluene. <i>Chinese Journal of Catalysis</i> , 2010, 31, 1316-1320.	14.0	7
48	Arylation of pyridine N-oxides via a ligand-free Suzuki reaction in water. <i>Chinese Chemical Letters</i> , 2015, 26, 55-57.	9.0	7
49	Cyclometalated Ir(III) complexes-catalyzed aerobic hydroxylation of arylboronic acids induced by visible-light. <i>Tetrahedron</i> , 2017, 73, 3031-3035.	1.9	7
50	Synthesis of dimethyl carbonate from methanol and CO ₂ under low pressure. <i>RSC Advances</i> , 2021, 11, 35711-35717.	3.6	7
51	Luminescence properties of cyclometalated platinum(II) complexes in a dichloromethane/n-hexane system. <i>Tetrahedron Letters</i> , 2021, 66, 152802.	1.4	4
52	One-Pot Synthesis of Organic Carbonate from Alcohol and Alkyl Bromide under Low CO ₂ Pressure. <i>ChemistrySelect</i> , 2021, 6, 10548-10553.	1.5	2
53	Water-Soluble Imine Ligand/Palladium-Catalyzed Suzuki Reaction at Room Temperature. <i>Chinese Journal of Catalysis</i> , 2010, 31, 1277-1280.	14.0	2
54	Synthesis and properties of fluorinated cyclometalated Ir(III) complexes. <i>Tetrahedron</i> , 2020, 76, 131390.	1.9	1