

Ping Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Cu ⁺ /Cu ²⁺ Ratio on the Catalytic Behavior of Anhydrous Nieuwland Catalyst during Dimerization of Acetylene. <i>Catalysts</i> , 2016, 6, 120.	3.5	38
2	Bis(imino)pyridine palladium(II) complexes: Synthesis, structure and catalytic activity. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2290-2294.	1.8	33
3	2-Pyrrolocarbaldiminato-Cu(II) complex catalyzed three-component 1,3-dipolar cycloaddition for 1,4-disubstituted 1,2,3-triazoles synthesis in water at room temperature. <i>RSC Advances</i> , 2015, 5, 6661-6665.	3.6	33
4	A simple and efficient synthesis of 9-arylfluorenes via metal-free reductive coupling of arylboronic acids and N-tosylhydrazones in situ. <i>RSC Advances</i> , 2015, 5, 63726-63731.	3.6	32
5	Cascade Reaction of Arylboronic Acids and 2-Cyano-biaryl-2-aldehyde N-Tosylhydrazones: Access to Functionalized 9-Amino-10-arylphenanthrenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 204-215.	3.2	32
6	Preparation and catalytic properties of bis(imino)pyridine palladium(II) complexes as efficient catalysts for Suzuki cross-coupling reaction in water. <i>Applied Organometallic Chemistry</i> , 2009, 23, 135-139.	3.5	31
7	Cu-catalyzed direct C-H thiolation of electron-rich arenes with arylsulfonyl hydrazides. <i>Tetrahedron</i> , 2018, 74, 1513-1519.	1.9	28
8	NH ₄ ⁺ /1,10-phenanthroline catalyzed direct sulfenylation of N-heteroarenes with ethyl arylsulfonates. <i>Tetrahedron</i> , 2019, 75, 130664.	1.9	27
9	Water-soluble salen-Pd complex as an efficient catalyst for Suzuki-Miyaura reaction of sterically hindered substrates in pure water. <i>Tetrahedron</i> , 2015, 71, 7985-7989.	1.9	26
10	NCS-promoted thiocyanation and selenocyanation of pyrrolo[1,2-a]quinoxalines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9088-9094.	2.8	24
11	KI/TBHP-promoted [3 + 2] cycloaddition of pyrrolo[1,2-a]quinoxalines and N-arylsulfonylhydrazones. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3360-3366.	2.8	23
12	One-Pot Synthesis of Triarylmethanes via Metal-Free Reductive Coupling of Diaryl Ketones, Tosylhydrazide, and Arylboronic Acids. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1033-1038.	4.9	22
13	The fast and efficient KI/H ₂ O ₂ mediated 2-sulfonylation of indoles and N-methylpyrrole in water. <i>RSC Advances</i> , 2018, 8, 41651-41656.	3.6	22
14	Sulfenylation of Arenes with Ethyl Arylsulfonates in Water. <i>ACS Omega</i> , 2020, 5, 18515-18526.	3.5	20
15	One-pot reductive coupling reactions of acetyl naphthalene derivatives, tosylhydrazide, with arylboronic acids. <i>Tetrahedron</i> , 2017, 73, 785-793.	1.9	19
16	NIS-promoted three-component reaction of 3-oxo-3-arylpropanenitriles with arylsulfonyl hydrazides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3932-3939.	2.8	19
17	Efficient Copper-Catalyzed Annulation of 2-Formylazoles with 2-Haloanilines for the Synthesis of Pyrrole- and Imidazole-Fused Quinoxalines. <i>Chinese Journal of Chemistry</i> , 2015, 33, 589-593.	4.9	18
18	I ₂ /DMSO-Catalyzed Transformation of N-tosylhydrazones to 1,2,3-thiadiazoles. <i>Frontiers in Chemistry</i> , 2020, 8, 466.	3.6	17

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19	Bis(imino)pyridine palladium(II) complexes as efficient catalysts for the Suzuki–Miyaura reaction in water. <i>Applied Organometallic Chemistry</i> , 2010, 24, 131-134.	3.5	16
20	Highly selective copper-catalyzed oxidation of benzyl alcohols to aromatic aldehydes in water at room temperature. <i>Applied Organometallic Chemistry</i> , 2016, 30, 577-580.	3.5	16
21	A Simple and Efficient Copper(II) Complex as a Catalyst for <i>N</i> -Arylation of Imidazoles. <i>Chinese Journal of Chemistry</i> , 2013, 31, 267-270.	4.9	15
22	Pd(0)-Catalyzed Tandem One-Pot Reaction of Biphenyl Ketones/Aldehydes to the Corresponding Di-substituted Aryl Olefins. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1141-1148.	4.9	15
23	Synthesis of naphthyl-substituted terminal olefins via Pd-Catalyzed one-pot coupling of acetylnaphthalene, <i>N</i> -Tosylhydrazide with aryl halide. <i>Tetrahedron</i> , 2017, 73, 6558-6563.	1.9	15
24	Cu(II)-Catalyzed Ligand-Free Oxidation of Diarylmethanes and Second Alcohols in Water. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1391-1395.	4.9	15
25	Metallomicelles of palladium(II) complexes as efficient catalysts for the Suzuki–Miyaura reaction in neat water. <i>Applied Organometallic Chemistry</i> , 2013, 27, 494-498.	3.5	14
26	3-(Diphenylphosphino)propanoic acid: An efficient ligand for the Cu-catalyzed <i>N</i> -arylation of imidazoles and 1 <i>H</i> -pyrazole with aryl halides. <i>Chinese Chemical Letters</i> , 2014, 25, 775-778.	9.0	14
27	An Efficient Copper-Catalyzed One-Pot Synthesis of 1-Aryl-1,2,3-triazoles from Arylboronic Acids in Water under Mild Conditions. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1317-1320.	4.9	14
28	Highly Selective β -Hydride Elimination in the Pd-Catalyzed Cross-Coupling of <i>N</i> -Tosylhydrazones with Benzyl Bromides. <i>ChemistrySelect</i> , 2018, 3, 900-903.	1.5	14
29	Highly selective C3–H iodination of pyrrolo[1,2- <i>a</i>]quinoxalines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5191-5196.	2.8	13
30	Cu-catalyzed direct C1–H difluoromethylation of pyrrolo[1,2- <i>a</i>]quinoxalines. <i>Molecular Catalysis</i> , 2021, 511, 111747.	2.0	13
31	Palladium-catalyzed direct arylation of polyfluoroarene and facile synthesis of liquid crystal compounds. <i>Applied Organometallic Chemistry</i> , 2014, 28, 180-185.	3.5	12
32	TBAI-catalyzed ring-opening sulfonylations of benzothiazoles and arylsulfonyl hydrazides. <i>Green Synthesis and Catalysis</i> , 2021, 2, 381-384.	6.8	12
33	Selective transformations of 2-(<i>p</i> -toluenesulfonyl)- <i>N</i> -tosylhydrazones to substituted 1,2,3-thiadiazoles. <i>Tetrahedron</i> , 2021, 78, 131803.	1.9	10
34	A simple and efficient $2N_2O$ -Cu(II) complex as a catalyst for <i>N</i> -arylation of imidazoles in water. <i>Applied Organometallic Chemistry</i> , 2015, 29, 468-470.	3.5	9
35	Metal-free oxidation of secondary benzylic alcohols using aqueous TBHP. <i>Synthetic Communications</i> , 2016, 46, 1747-1758.	2.1	9
36	Multi-Component One-Pot Reaction of Aromatic Carbonyl Compounds, Tosylhydrazide, and Arylboronic Acids. <i>Molecules</i> , 2017, 22, 2168.	3.8	9

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37	Facial synthesis of sulfinic esters via copper-catalyzed reaction of sulfonyl hydrazides with alcohols in air. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 1102-1108.	5.2	9
38	3-(Diphenylphosphino)propanoic acid: an efficient ligand for the Pd/Cu-catalyzed homo-coupling of terminal alkynes in the presence of oxygen at room temperature. <i>Applied Organometallic Chemistry</i> , 2015, 29, 736-738.	3.5	8
39	Synthesis of 3-Aryl-1-Indanones via CsF-Promoted Coupling of Arylboronic Acids with N-Tosylhydrazones. <i>Journal of Chemical Research</i> , 2018, 42, 40-43.	1.3	8
40	Synthesis of 4-Aryl-1,2,3-thiadiazoles via NH ₄ ⁺ -Catalyzed Cyclization of N-Tosylhydrazones with Sulfur. <i>ChemistrySelect</i> , 2019, 4, 10587-10590.	1.5	8
41	Palladium-Catalyzed Olefination of N-Tosylhydrazones as N-Diazo Phosphonate Precursors with Arylhalides. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5857-5861.	2.4	8
42	HI/DMSO-Catalyzed Cyclization of Aryl(sulfo)acylhydrazones with Sulfur. <i>ChemistrySelect</i> , 2020, 5, 5497-5500.	1.5	8
43	Pd-Catalyzed direct C-H arylation of pyrrolo[1,2-a]quinoxalines. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	2.8	8
44	Synthesis of Terphenyl Derivatives by Pd-Catalyzed Suzuki-Miyaura Reaction of Dibromobenzene Using 2N ₂ O-Salen as a Ligand in Aqueous Solution. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1189-1193.	4.9	7
45	Synthesis of symmetrical terphenyl derivatives by PdCl ₂ -catalyzed Suzuki-Miyaura reaction of dibromobenzene using 3-(diphenylphosphino)propanoic acid as a ligand. <i>Synthetic Communications</i> , 2016, 46, 154-159.	2.1	7
46	Synthesis of benzocycloalkene derivatives via Pd-catalyzed one-pot two-step reactions of benzocyclic ketones, tosylhydrazide with aryl bromides. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 930-936.	5.2	7
47	Cyano-functionalized small-molecule acceptors for high-efficiency wide-bandgap organic solar cells. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9195-9200.	5.5	7
48	A novel and robust heterogeneous Cu catalyst using modified lignosulfonate as support for the synthesis of nitrogen-containing heterocycles. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2888-2902.	2.2	7
49	Cu-catalyzed direct C-H trifluoromethylation of pyrrolo[1,2-a]quinoxalines. <i>Tetrahedron</i> , 2022, 105, 132610.	1.9	7
50	A rapid and efficient catalysis system for the synthesis of 4-vinylbiphenyl derivatives. <i>Applied Organometallic Chemistry</i> , 2013, 27, 707-710.	3.5	6
51	Sequentially Formations of Csp ³ -Csp ² and Csp ² -Csp ² Bonds by a One-pot Reaction Involving N-Tosylhydrazone and p-Bromobenzeneboronic Acid. <i>ChemistrySelect</i> , 2019, 4, 4496-4498.	1.5	6
52	The effect of amine on the tribological properties and hydrolytic stability of borate ester additives. <i>Research on Chemical Intermediates</i> , 2020, 46, 1283-1295.	2.7	6
53	Synthesis of novel 4-substituted 1,2,3-thiadiazoles via iodine-catalyzed cyclization reactions. <i>Tetrahedron Letters</i> , 2021, 66, 152824.	1.4	6
54	Pd-Catalyzed N-Arylations of 3-Aryl-1-tosyl-5-pyrazolones with Arylbromides and the Migration of Ts Group. <i>ChemCatChem</i> , 2021, 13, 2641-2652.	3.7	6

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55	TBAI-mediated sulfenylation of polysubstituted 1H-pyrazol-5-amine and arylsulfonyl hydrazide. <i>Synthesis</i> , 0, , .	2.3	6
56	Solvent Mediated Selective C-H Bond Iodination of Pyrrolo[1,2-a]quinoxaline. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4789.	1.3	6
57	One-Pot Two-Step Strategy for Efficient Synthesis of 3-Aryl-4-(aryltio)-1H-pyrazol-5-amine Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 226.	1.3	6
58	Synthesis of Unsymmetrical 1,3-Diynes via Pd/Cu-Catalyzed Cross-Coupling of Terminal Alkynes at Room Temperature. <i>Chinese Journal of Chemistry</i> , 2016, 34, 895-900.	4.9	5
59	Synthesis of β -arylalkylferrocenes through cesium fluoride-promoted coupling of arylboronic acids with <i>N</i> -tosylhydrazones. <i>Synthetic Communications</i> , 2018, 48, 921-928.	2.1	5
60	Pd-Catalyzed Regioselective Olefination of <i>N</i> -Tosylhydrazones with Benzyl Bromides. <i>ChemistrySelect</i> , 2020, 5, 7396-7399.	1.5	5
61	Synthesis of 1,2-Diarylethylenes by Pd-Catalyzed One-Pot Reaction of Benzyl Halides, Tosylhydrazide, and Aryl Aldehydes. <i>Letters in Organic Chemistry</i> , 2018, 15, 709-715.	0.5	5
62	One-pot synthesis of polyfluoroterphenyls via palladium-catalyzed Suzuki-Miyaura coupling of chlorobromobenzene and C-H bond functionalization of perfluoroarenes. <i>Applied Organometallic Chemistry</i> , 2015, 29, 50-56.	3.5	4
63	Pd-Catalyzed Chemoselective Suzuki-Miyaura Reactions of 1-bromo-4-(halomethyl)naphthalene. <i>ChemistrySelect</i> , 2018, 3, 5002-5004.	1.5	4
64	Water-soluble (salicyladimine) ₂ Cu complex as an efficient and renewable catalyst for Michael addition of indoles to nitroolefins in water. <i>Synthetic Communications</i> , 2017, 47, 211-216.	2.1	3
65	Pd-Catalyzed, Highly Selective C(sp ²)-Br Bond Coupling Reactions of <i>o</i> -(or <i>m</i> -, or <i>p</i> -) Chloromethyl Bromobenzene with Arylboronic Acids. <i>Molecules</i> , 2018, 23, 433.	3.8	3
66	Iodine-Promoted Tandem Pyrazole Annulation and C-H Sulfenylation for the Synthesis of C4-Sulfenylated Pyrazoles. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	3
67	C4-Sulfenylation of 4-iodine-1H-pyrazole-5-amine with arylsulfonyl hydrazide in water. <i>Molecular Catalysis</i> , 2022, 528, 112485.	2.0	3
68	Copper-promoted C-H amination of pyrrolo[1,2-a]quinoxaline with <i>N</i> -fluorobenzenesulfonimide. <i>Journal of Molecular Structure</i> , 2022, 1267, 133636.	3.6	3
69	Synthesis of 9-biarylfluorenes by one-pot, three-step reactions of <i>N</i> -tosylhydrazones, <i>p</i> -bromobenzeneboronic acid, and arylboronic acids. <i>Journal of Chemical Research</i> , 2019, 43, 268-273.	1.3	2
70	Three-component reactions of aromatic amines, 1,3-dicarbonyl compounds, and β -bromoacetaldehyde acetal to access <i>N</i> -(hetero)aryl-4,5-unsubstituted pyrroles. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2920-2928.	2.2	2
71	A Simple, Mild and Efficient Oxidation of Benzylic Alcohols in the Presence of NBS/KOAc in Aqueous Solution. <i>Letters in Organic Chemistry</i> , 2017, 14, .	0.5	2
72	Synthesis of Novel 1,4-Substituted 1,2,3-Triazoles by Water-Soluble (Salicyladimine) ₂ Cu Complex Catalyzed Azide-Alkyne Cycloaddition in Water. <i>Letters in Organic Chemistry</i> , 2017, 14, .	0.5	2

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73	Metal-free Reductive Coupling of Biphenyl Tosylhydrazones with Phenols or Benzyl Alcohols. Letters in Organic Chemistry, 2017, 14, .	0.5	1
74	Inside Back Cover: Cu(II)-Catalyzed Ligand-Free Oxidation of Diarylmethanes and Second Alcohols in Water (Chin. J. Chem. 9/2017). Chinese Journal of Chemistry, 2017, 35, 1477-1477.	4.9	0
75	Cs ₂ CO ₃ -Promoted [3+2] Cyclization of Chalcone and <i>N</i> -Tosylhydrazone. Polycyclic Aromatic Compounds, 2023, 43, 3827-3839.	2.6	0