Xianwei Li

List of Publications by Year in descending order

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50 papers	2,459 citations	147801 31 h-index	197818 49 g-index
72 all docs	72 docs citations	72 times ranked	2296 citing authors

#	Article	IF	Citations
1	Copper-Catalyzed Aerobic C(sp²)â€“H Functionalization for Câ€“N Bond Formation: Synthesis of Pyrazoles and Indazoles. Journal of Organic Chemistry, 2013, 78, 3636-3646.	3.2	210
2	Copperâ€Catalyzed Aerobic Oxidative Nï£¿S Bond Functionalization for Cï£¿S Bond Formation: Regioâ€and Stereoselective Synthesis of Sulfones and Thioethers. Chemistry - A European Journal, 2014, 20, 7911-7915.	3.3	210
3	Conversion of Pyridine to Imidazo[1,2-a]pyridines by Copper-Catalyzed Aerobic Dehydrogenative Cyclization with Oxime Esters. Organic Letters, 2013, 15, 6254-6257.	4.6	166
4	Copper-catalyzed aerobic oxidation and cleavage/formation of Câ€“S bond: a novel synthesis of aryl methyl sulfones from aryl halides and DMSO. Chemical Communications, 2012, 48, 7513.	4.1	110
5	Copper-catalyzed oxidative [2 + 2 + 1] cycloaddition: regioselective synthesis of 1,3-oxazoles from internal alkynes and nitriles. Chemical Science, 2012, 3, 3463.	7.4	109
6	Facile synthesis of benzofurans via copper-catalyzed aerobic oxidative cyclization of phenols and alkynes. Chemical Communications, 2013, 49, 6611.	4.1	97
7	Iron-Catalyzed Synthesis of 2H-Imidazoles from Oxime Acetates and Vinyl Azides under Redox-Neutral Conditions. Organic Letters, 2017, 19, 1370-1373.	4.6	84
8	Copperâ€Catalyzed Aerobic Oxidative Transformation of Ketoneâ€Derived Nâ€Tosyl Hydrazones: An Entry to Alkynes. Angewandte Chemie - International Edition, 2014, 53, 14485-14489.	13.8	74
9	Synthesis of enaminones via copper-catalyzed decarboxylative coupling reaction under redox-neutral conditions. Chemical Communications, 2017, 53, 3228-3231.	4.1	73
10	Palladium-Catalyzed Oxidative Coupling of Aromatic Primary Amines and Alkenes under Molecular Oxygen: Stereoselective Assembly of (Z)-Enamines. Journal of Organic Chemistry, 2013, 78, 11155-11162.	3.2	70
11	Highly regioselective palladium-catalysed oxidative allylic Câ€“H carbonylation of alkenes. Chemical Communications, 2011, 47, 12224.	4.1	66
12	Palladium-Catalyzed Câ€“H Functionalization of Aromatic Oximes: A Strategy for the Synthesis of Isoquinolines. Journal of Organic Chemistry, 2016, 81, 1401-1409.	3.2	64
13	Rh-Catalyzed Câ€“H Amination/Annulation of Acrylic Acids and Anthranils by Using â”COOH as a Deciduous Directing Group: An Access to Diverse Quinolines. Organic Letters, 2020, 22, 2600-2605.	4.6	59
14	Acetoxypalladation of unactivated alkynes and capture with alkenes to give 1-acetoxy-1,3-dienes taking dioxygen as terminal oxidant. Chemical Communications, 2011, 47, 1003-1005.	4.1	52
15	Palladium-Catalyzed Sequential Câ€“N/Câ€“O Bond Formations: Synthesis of Oxazole Derivatives from Amides and Ketones. Organic Letters, 2014, 16, 5906-5909.	4.6	52
16	Palladium-Catalyzed Oxidative Carbonylation for the Synthesis of Polycyclic Aromatic Hydrocarbons (PAHs). Journal of Organic Chemistry, 2014, 79, 11246-11253.	3.2	50
17	A phosphoryl radical-initiated Athertonâ€“Todd-type reaction under open air. Chemical Communications, 2020, 56, 1357-1360.	4.1	48
18	Regioselective Câ€“H Bond Alkynylation of Carbonyl Compounds through Ir(III) Catalysis. Journal of Organic Chemistry, 2017, 82, 13003-13011.	3.2	47

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19	Recent Development on Cp*Ir(III)â€Catalyzed Câ^'H Bond Functionalization. ChemCatChem, 2020, 12, 2358-2384.	3.7	47
20	Highly Chemoselective Palladium-Catalyzed Cross-Trimerization between Alkyne and Alkenes Leading to 1,3,5-Trienes or 1,2,4,5-Tetrasubstituted Benzenes with Dioxygen. Journal of Organic Chemistry, 2010, 75, 8279-8282.	3.2	44
21	Copper-catalyzed cyanothiolation to incorporate a sulfur-substituted quaternary carbon center. Chemical Science, 2017, 8, 7047-7051.	7.4	44
22	Two new quinoline-based regenerable fluorescent probes with AIE characteristics for selective recognition of Cu²⁺ in aqueous solution and test strips. Analyst, The, 2018, 143, 4870-4886.	3.5	43
23	Cross-dehydrogenative alkynylation of sulfonamides and amides with terminal alkynesviaIr(<scp>iii</scp>) catalysis. Organic Chemistry Frontiers, 2019, 6, 284-289.	4.5	43
24	Recent Achievements in the Rhodiumâ€Catalyzed Concise Construction of Medium Nâ€Heterocycles, Azepines and Azocines. Advanced Synthesis and Catalysis, 2020, 362, 5576-5600.	4.3	42
25	Copper-Mediated [3 + 2] Oxidative Cyclization Reaction of N-Tosylhydrazones and Î²-Ketoesters: Synthesis of 2,3,5-Trisubstituted Furans. Journal of Organic Chemistry, 2016, 81, 5014-5020.	3.2	41
26	Palladium-Catalyzed Carbonationâ€“Diketonization of Terminal Aromatic Alkenes via Carbonâ€“Nitrogen Bond Cleavage for the Synthesis of 1,2-Diketones. Journal of Organic Chemistry, 2011, 76, 6958-6961.	3.2	40
27	NiH-Catalyzed Hydroamination/Cyclization Cascade: Rapid Access to Quinolines. ACS Catalysis, 2021, 11, 7772-7779.	11.2	37
28	Facile synthesis of dibranched conjugated dienes via palladium-catalyzed oxidative coupling of N-tosylhydrazones. Chemical Communications, 2013, 49, 9218.	4.1	35
29	Copper-Catalyzed Cyanation of N-Tosylhydrazones with Thiocyanate Salt as the â€œCNâ€•Source. Journal of Organic Chemistry, 2017, 82, 7621-7627.	3.2	34
30	Sequential Câ€“H and Câ€“C Bond Cleavage: Divergent Constructions of Fused N-Heterocycles via Tunable Cascade. ACS Catalysis, 2019, 9, 8749-8756.	11.2	33
31	Electrochemical synthesis of amides: direct transformation of methyl ketones with formamides. Tetrahedron Letters, 2013, 54, 7156-7159.	1.4	32
32	An aerobic [2 + 2 + 2] Cyclization via Chloropalladation: From 1,6-Diynes and Acrylates to Substituted Aromatic Carbocycles. Journal of Organic Chemistry, 2011, 76, 4759-4763.	3.2	30
33	Carbonylation Access to Phthalimides Using Self-Sufficient Directing Group and Nucleophile. Journal of Organic Chemistry, 2018, 83, 104-112.	3.2	30
34	Palladium-Catalyzed Oxidative Oâ€“H/Nâ€“H Carbonylation of Hydrazides: Access to Substituted 1,3,4-Oxadiazole-2(3H)-ones. Journal of Organic Chemistry, 2015, 80, 5713-5718.	3.2	24
35	Copper-catalyzed oxidative multicomponent reaction: synthesis of imidazo fused heterocycles with molecular oxygen. Organic and Biomolecular Chemistry, 2018, 16, 7143-7151.	2.8	23
36	Weak coordinated nitrogen functionality enabled regioselective Câ€“H alkynylation via Pd(ii)/mono-N-protected amino acid catalysis. Chemical Communications, 2020, 56, 11255-11258.	4.1	23

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37	TBHP/NH₄I-Mediated Direct Nâ€“H Phosphorylation of Imines and Imidates. Journal of Organic Chemistry, 2019, 84, 14949-14956.	3.2	18
38	Ironâ€Catalyzed and Airâ€Mediated C(sp³)â^'H Phosphorylation of 1,3â€Dicarbonyl Compounds Involving Câ^'C Bond Cleavage. Advanced Synthesis and Catalysis, 2020, 362, 5783-5787.	4.3	18
39	Intermolecular Multiple Dehydrogenative Crossâ€Couplings of Ketones with Boronic Acids and Amines via Copper Catalysis. Advanced Synthesis and Catalysis, 2019, 361, 3886-3892.	4.3	17
40	Chlorine-free copper-catalyzed oxidative synthesis of 1,3,4-oxadiazoles with molecular oxygen as the sole oxidant. Pure and Applied Chemistry, 2011, 84, 553-559.	1.9	16
41	Direct Synthesis of ortho-Halogenated Arylphosphonates via a Three-Component Reaction Involving Arynes. Journal of Organic Chemistry, 2021, 86, 7010-7018.	3.2	15
42	Nickel-Catalyzed Hydroamination of Olefins with Anthranils. Journal of Organic Chemistry, 2021, 86, 12107-12118.	3.2	13
43	C S and C N bond formation via Mn-promoted oxidative cascade reaction: Synthesis of C3-sulfenated indoles. Tetrahedron, 2017, 73, 6138-6145.	1.9	12
44	Regioâ€Divergent Câ€"H Alkynylation with Janus Directing Strategy via Ir(III) Catalysis. Chinese Journal of Chemistry, 2020, 38, 929-934.	4.9	11
45	Modular construction of functionalized anilines via switchable Câ€“H and N-alkylations of traceless N-nitroso anilines with olefins. Organic Chemistry Frontiers, 2022, 9, 2746-2752.	4.5	10
46	Stimuli-Responsive Aggregation-Induced Delayed Fluorescence Emitters Featuring the Asymmetric Dâ€“A Structure with a Novel Diarylketone Acceptor Toward Efficient OLEDs with Negligible Efficiency Roll-Off. ACS Applied Materials & Interfaces, 2020, 12, 29528-29539.	8.0	8
47	Sequential Câ€“H activation enabled expedient delivery of polyfunctional arenes. Chemical Communications, 2021, 57, 8075-8078.	4.1	8
48	Practical synthesis of 3-aryl anthranils via an electrophilic aromatic substitution strategy. Chemical Science, 2022, 13, 2105-2114.	7.4	8
49	Ligand-accelerated site-selective Csp²â€“H and Csp³â€“H alkynylations of alcohols via Pd(<scp>ii</scp>) catalysis. Organic Chemistry Frontiers, 2021, 8, 6484-6490.	4.5	5
50	A three-component reaction of arynes, sodium sulfinates, and aldehydes toward 2-sulfonyl benzyl alcohol derivatives. Organic and Biomolecular Chemistry, 2021, 19, 7066-7073.	2.8	3