

Xianwei Li

List of Publications by Year in descending order

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50
papers

2,459
citations

147566

31
h-index

197535

49
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72
all docs

72
docs citations

72
times ranked

2296
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Aerobic C(sp ²)-H Functionalization for C-N Bond Formation: Synthesis of Pyrazoles and Indazoles. <i>Journal of Organic Chemistry</i> , 2013, 78, 3636-3646.	1.7	210
2	Copper-Catalyzed Aerobic Oxidative N-S Bond Functionalization for C-S Bond Formation: Regio- and Stereoselective Synthesis of Sulfones and Thioethers. <i>Chemistry - A European Journal</i> , 2014, 20, 7911-7915.	1.7	210
3	Conversion of Pyridine to Imidazo[1,2- <i>a</i>]pyridines by Copper-Catalyzed Aerobic Dehydrogenative Cyclization with Oxime Esters. <i>Organic Letters</i> , 2013, 15, 6254-6257.	2.4	166
4	Copper-catalyzed aerobic oxidation and cleavage/formation of C-S bond: a novel synthesis of aryl methyl sulfones from aryl halides and DMSO. <i>Chemical Communications</i> , 2012, 48, 7513.	2.2	110
5	Copper-catalyzed oxidative [2 + 2 + 1] cycloaddition: regioselective synthesis of 1,3-oxazoles from internal alkynes and nitriles. <i>Chemical Science</i> , 2012, 3, 3463.	3.7	109
6	Facile synthesis of benzofurans via copper-catalyzed aerobic oxidative cyclization of phenols and alkynes. <i>Chemical Communications</i> , 2013, 49, 6611.	2.2	97
7	Iron-Catalyzed Synthesis of 2-H-Imidazoles from Oxime Acetates and Vinyl Azides under Redox-Neutral Conditions. <i>Organic Letters</i> , 2017, 19, 1370-1373.	2.4	84
8	Copper-Catalyzed Aerobic Oxidative Transformation of Ketone-Derived <i>N</i> -Tosyl Hydrazones: An Entry to Alkynes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14485-14489.	7.2	74
9	Synthesis of enaminones via copper-catalyzed decarboxylative coupling reaction under redox-neutral conditions. <i>Chemical Communications</i> , 2017, 53, 3228-3231.	2.2	73
10	Palladium-Catalyzed Oxidative Coupling of Aromatic Primary Amines and Alkenes under Molecular Oxygen: Stereoselective Assembly of (<i>Z</i>)-Enamines. <i>Journal of Organic Chemistry</i> , 2013, 78, 11155-11162.	1.7	70
11	Highly regioselective palladium-catalysed oxidative allylic C-H carbonylation of alkenes. <i>Chemical Communications</i> , 2011, 47, 12224.	2.2	66
12	Palladium-Catalyzed C-H Functionalization of Aromatic Oximes: A Strategy for the Synthesis of Isoquinolines. <i>Journal of Organic Chemistry</i> , 2016, 81, 1401-1409.	1.7	64
13	Rh-Catalyzed C-H Amination/Annulation of Acrylic Acids and Anthranils by Using $\hat{\sim}$ COOH as a Deciduous Directing Group: An Access to Diverse Quinolines. <i>Organic Letters</i> , 2020, 22, 2600-2605.	2.4	59
14	Acetoxypalladation of unactivated alkynes and capture with alkenes to give 1-acetoxy-1,3-dienes taking dioxygen as terminal oxidant. <i>Chemical Communications</i> , 2011, 47, 1003-1005.	2.2	52
15	Palladium-Catalyzed Sequential C-N/C-O Bond Formations: Synthesis of Oxazole Derivatives from Amides and Ketones. <i>Organic Letters</i> , 2014, 16, 5906-5909.	2.4	52
16	Palladium-Catalyzed Oxidative Carbonylation for the Synthesis of Polycyclic Aromatic Hydrocarbons (PAHs). <i>Journal of Organic Chemistry</i> , 2014, 79, 11246-11253.	1.7	50
17	A phosphoryl radical-initiated Atherton-Todd-type reaction under open air. <i>Chemical Communications</i> , 2020, 56, 1357-1360.	2.2	48
18	Regioselective C-H Bond Alkynylation of Carbonyl Compounds through Ir(III) Catalysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 13003-13011.	1.7	47

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19	Recent Development on Cp*Ir(III)-Catalyzed C-H Bond Functionalization. <i>ChemCatChem</i> , 2020, 12, 2358-2384.	1.8	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. <i>Journal of Organic Chemistry</i> , 2010, 75, 8279-8282.	1.7	44
21	Copper-catalyzed cyanothiolation to incorporate a sulfur-substituted quaternary carbon center. <i>Chemical Science</i> , 2017, 8, 7047-7051.	3.7	44
22	Two new quinoline-based regenerable fluorescent probes with AIE characteristics for selective recognition of Cu ²⁺ in aqueous solution and test strips. <i>Analyst</i> , 2018, 143, 4870-4886.	1.7	43
23	Cross-dehydrogenative alkynylation of sulfonamides and amides with terminal alkynes via Ir(III) catalysis. <i>Organic Chemistry Frontiers</i> , 2019, 6, 284-289.	2.3	43
24	Recent Achievements in the Rhodium-Catalyzed Concise Construction of Medium N-Heterocycles, Azepines and Azocines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5576-5600.	2.1	42
25	Copper-Mediated [3 + 2] Oxidative Cyclization Reaction of N-Tosylhydrazones and Î ² -Ketoesters: Synthesis of 2,3,5-Trisubstituted Furans. <i>Journal of Organic Chemistry</i> , 2016, 81, 5014-5020.	1.7	41
26	Palladium-Catalyzed Carbonation-Diketoneization of Terminal Aromatic Alkenes via Carbon-Nitrogen Bond Cleavage for the Synthesis of 1,2-Diketones. <i>Journal of Organic Chemistry</i> , 2011, 76, 6958-6961.	1.7	40
27	NiH-Catalyzed Hydroamination/Cyclization Cascade: Rapid Access to Quinolines. <i>ACS Catalysis</i> , 2021, 11, 7772-7779.	5.5	37
28	Facile synthesis of dibranched conjugated dienes via palladium-catalyzed oxidative coupling of N-tosylhydrazones. <i>Chemical Communications</i> , 2013, 49, 9218.	2.2	35
29	Copper-Catalyzed Cyanation of N-Tosylhydrazones with Thiocyanate Salt as the CN-Source. <i>Journal of Organic Chemistry</i> , 2017, 82, 7621-7627.	1.7	34
30	Sequential C-H and C-C Bond Cleavage: Divergent Constructions of Fused N-Heterocycles via Tunable Cascade. <i>ACS Catalysis</i> , 2019, 9, 8749-8756.	5.5	33
31	Electrochemical synthesis of amides: direct transformation of methyl ketones with formamides. <i>Tetrahedron Letters</i> , 2013, 54, 7156-7159.	0.7	32
32	An aerobic [2 + 2 + 2] Cyclization via Chloropalladation: From 1,6-Diynes and Acrylates to Substituted Aromatic Carbocycles. <i>Journal of Organic Chemistry</i> , 2011, 76, 4759-4763.	1.7	30
33	Carbonylation Access to Phthalimides Using Self-Sufficient Directing Group and Nucleophile. <i>Journal of Organic Chemistry</i> , 2018, 83, 104-112.	1.7	30
34	Palladium-Catalyzed Oxidative O-H/N-H Carbonylation of Hydrazides: Access to Substituted 1,3,4-Oxadiazole-2(3H)-ones. <i>Journal of Organic Chemistry</i> , 2015, 80, 5713-5718.	1.7	24
35	Copper-catalyzed oxidative multicomponent reaction: synthesis of imidazo fused heterocycles with molecular oxygen. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7143-7151.	1.5	23
36	Weak coordinated nitrogen functionality enabled regioselective C-H alkynylation via Pd(II)/mono-N-protected amino acid catalysis. <i>Chemical Communications</i> , 2020, 56, 11255-11258.	2.2	23

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37	TBHP/NH ₄ I-Mediated Direct ¹ H Phosphorylation of Imines and Imidates. <i>Journal of Organic Chemistry</i> , 2019, 84, 14949-14956.	1.7	18
38	Iron-Catalyzed and Air-Mediated C(sp ³) ¹ H Phosphorylation of 1,3-Dicarbonyl Compounds Involving C-C Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5783-5787.	2.1	18
39	Intermolecular Multiple Dehydrogenative Cross-Couplings of Ketones with Boronic Acids and Amines via Copper Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3886-3892.	2.1	17
40	Chlorine-free copper-catalyzed oxidative synthesis of 1,3,4-oxadiazoles with molecular oxygen as the sole oxidant. <i>Pure and Applied Chemistry</i> , 2011, 84, 553-559.	0.9	16
41	Direct Synthesis of <i>ortho</i> -Halogenated Arylphosphonates via a Three-Component Reaction Involving Arynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 7010-7018.	1.7	15
42	Nickel-Catalyzed Hydroamination of Olefins with Anthranils. <i>Journal of Organic Chemistry</i> , 2021, 86, 12107-12118.	1.7	13
43	C-S and C-N bond formation via Mn-promoted oxidative cascade reaction: Synthesis of C3-sulfenated indoles. <i>Tetrahedron</i> , 2017, 73, 6138-6145.	1.0	12
44	Regio-Divergent ¹ H Alkynylation with Janus Directing Strategy via Ir(III) Catalysis. <i>Chinese Journal of Chemistry</i> , 2020, 38, 929-934.	2.6	11
45	Modular construction of functionalized anilines <i>via</i> switchable ¹ H and ¹⁵ N-alkylations of traceless ¹⁵ N-nitroso anilines with olefins. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2746-2752.	2.3	10
46	Stimuli-Responsive Aggregation-Induced Delayed Fluorescence Emitters Featuring the Asymmetric D ² A Structure with a Novel Diarylketone Acceptor Toward Efficient OLEDs with Negligible Efficiency Roll-Off. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29528-29539.	4.0	8
47	Sequential ¹ H activation enabled expedient delivery of polyfunctional arenes. <i>Chemical Communications</i> , 2021, 57, 8075-8078.	2.2	8
48	Practical synthesis of 3-aryl anthranils <i>via</i> an electrophilic aromatic substitution strategy. <i>Chemical Science</i> , 2022, 13, 2105-2114.	3.7	8
49	Ligand-accelerated site-selective Csp ² ¹ H and Csp ³ ¹ H alkynylations of alcohols <i>via</i> Pd(<i>scp</i>) catalysis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6484-6490.	2.3	5
50	A three-component reaction of arynes, sodium sulfinates, and aldehydes toward 2-sulfonyl benzyl alcohol derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7066-7073.	1.5	3