

Yanzhong Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Brønsted-Acid-Promoted Selective C2→N1 Ring-Expansion Reaction of Indoles toward Cyclopenta[<i>c</i>]quinolines. <i>Organic Letters</i> , 2022, 24, 966-970.	4.6	10
2	I ₂ -Catalyzed Carbonylation of α -Methylene Ketones to Synthesize 1,2-Diaryl Diketones and Antiviral Quinoxalines in One Pot. <i>ACS Omega</i> , 2022, 7, 1380-1394.	3.5	7
3	Stereoselective synthesis of 1,3,5-trienes from alkynes and allyl carbonyl compounds through C=C β -bond cleavage under transition-metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3354-3359.	4.5	1
4	Cascade C=N bond cleavage of amides/intramolecular amination reactions: an atom economical way to α -cabolin-4-ones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 579-583.	4.5	5
5	Selective Synthesis of Pyrano[3,2- <i>b</i>]indoles or Cyclopenta[<i>c</i>]indoles Tethered with Medium-Sized Rings via Cascade C=C β -Bond Cleavage and C-H Functionalization. <i>Journal of Organic Chemistry</i> , 2021, 86, 683-692.	3.2	12
6	Cobalt-catalyzed C-H activation of N-carbamoyl indoles or benzamides with maleimides: Synthesis of imidazo[1,5- <i>a</i>]indole- or isoindolone-incorporated spirosuccinimides. <i>Tetrahedron Letters</i> , 2021, 70, 152872.	1.4	9
7	Atom-Economic Synthesis of Highly Functionalized Bridged Ring Systems Initiated by Ring Expansion of Indene-1,3-dione. <i>Journal of Organic Chemistry</i> , 2021, 86, 6755-6764.	3.2	8
8	Silver-Mediated [2 + 2 + 1] Cyclization Reaction of Diynes with Elemental Selenium/Sulfur To Synthesize 3,4-Substituted Cyclopenta[<i>c</i>]selenophenes/Cyclopenta[<i>c</i>]thiophenes. <i>Organic Letters</i> , 2021, 23, 5911-5916.	4.6	13
9	Difunctionalization of Alkynes by Base-Mediated Reaction with α,α -Dithioketones. <i>Organic Letters</i> , 2021, 23, 5339-5343.	4.6	4
10	Straightforward Stereoselective Synthesis of Seven-Membered Oxa-Bridged Rings through <i>In Situ</i> Generated Cycloheptenol Derivatives. <i>Journal of Organic Chemistry</i> , 2021, 86, 12956-12963.	3.2	11
11	Regioselective Synthesis of Tetrasubstituted Benzenes via Co-Catalyzed Cycloaddition of Alkynyl Ketones and 2-Acetylpyridines. <i>Journal of Organic Chemistry</i> , 2021, 86, 12158-12167.	3.2	2
12	Selective Insertion of Alkynes into C=C β Bonds of Indolin-2-ones: Transition-Metal-Free Ring Expansion Reactions to Seven-Membered-Ring Benzolactams or Chromone Derivatives. <i>Organic Letters</i> , 2020, 22, 155-159.	4.6	21
13	Palladium-Catalyzed Allenylation/ β -Electrocyclization and 1,3-Hydrogen Migration: an Access to Naphtho[1,2- <i>b</i>]furans. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 98-102.	2.4	5
14	Synthesis of Aza-Eight-Membered Ring-Fused Indolines Initiated by Zn-Catalyzed C2 Alkylation of Indoles and Subsequent Base-Promoted Ring Expansion. <i>Organic Letters</i> , 2020, 22, 6532-6536.	4.6	11
15	Synthesis of indoline-fused eight-membered azaheterocycles through Zn-catalyzed dearomatization of indoles and subsequent base-promoted C=C activation. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6916-6926.	2.8	5
16	Synthesis of Spiro[5.n (n=6-8)]heterocycles through Successive Ring-Expansion/Indole C2 Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1298-1302.	4.3	15
17	Controllable α - or β -Functionalization of α -Diazoketones with Aromatic Amides via Cobalt-Catalyzed C-H Activation: A Regioselective Approach to Isoindolinones. <i>Organic Letters</i> , 2019, 21, 6264-6269.	4.6	21
18	Synthesis of cyano-substituted carbazoles <i>via</i> successive C=C/C-H cleavage. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 958-965.	2.8	15

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19	Transition-metal-free C=C β -bond activation of β -aryl ketones and subsequent Zn-catalyzed intramolecular cyclization: synthesis of tetrasubstituted furans. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2725-2733.	2.8	13
20	Controllable synthesis of pyrido[2,3- <i>b</i>]indol-4-ones or indolo[3,2- <i>b</i>]quinolines <i>via</i> formal intramolecular C(sp ²)-H functionalization. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9960-9965.	2.8	6
21	Pd-Catalyzed C/H/N Arylation: One-Pot Synthesis of Indolo[1,2- <i>a</i>]phenanthridines. <i>ChemistrySelect</i> , 2018, 3, 456-460.	1.5	8
22	Transition-Metal-Free Ring Expansion Reactions of Indene-1,3-dione: Synthesis of Functionalized Benzoannulated Seven-Membered Ring Compounds. <i>Organic Letters</i> , 2018, 20, 1744-1747.	4.6	50
23	Cobalt-catalyzed regioselective syntheses of indeno[2,1- <i>c</i>]pyridines from nitriles and diynes bearing propargyl fragments. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8761-8768.	2.8	6
24	Palladium-Catalyzed Dual C(sp ²)-H Functionalization of Indole-2-carboxamides Involving a 1,2-Acyl Migration: A Synthesis of Indolo[3,2- <i>c</i>]quinolinones. <i>Organic Letters</i> , 2018, 20, 5696-5699.	4.6	17
25	Sequential C=C β -Bond Cleavage/(sp ²) C=O Bond Formation <i>via</i> C-H Functionalization toward Pyranoindolones Fused with Medium-Sized Rings. <i>Organic Letters</i> , 2018, 20, 6130-6134.	4.6	25
26	Merging base-promoted C=C bond cleavage and iron-catalyzed skeletal rearrangement involving C=C/C-H bond activation: synthesis of highly functionalized carbazoles. <i>Chemical Communications</i> , 2018, 54, 11009-11012.	4.1	19
27	Transition-metal-free insertion reactions of alkynes into the C=N β -bonds of imides: synthesis of substituted enamides or chromones. <i>Chemical Communications</i> , 2018, 54, 6192-6195.	4.1	28
28	Chemoselective N-H or C-2 Arylation of Indole-2-carboxamides: Controllable Synthesis of Indolo[1,2- <i>a</i>]quinoxalin-6-ones and 2,3-Spiro[indolin]-2-ones. <i>Organic Letters</i> , 2018, 20, 5251-5255.	4.6	18
29	Transition-Metal-Free Aminoacylation of Ynones with Amides: Synthesis of 3-Carbonyl-4-quinolinones or Functionalized Enaminones. <i>Organic Letters</i> , 2018, 20, 3907-3910.	4.6	29
30	Tertiary amine self-catalyzed intramolecular Csp ³ -H functionalization with <i>in situ</i> generated allenes for the formation of 3-alkenyl indolines. <i>Chemical Communications</i> , 2017, 53, 3721-3724.	4.1	18
31	Base-mediated insertion reaction of alkynes into carbon-carbon β -bonds of ethanones: synthesis of hydroxydienone and chromone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2497-2500.	2.8	33
32	Synthesis of 1-Alkyl-3-(2-oxo-2-aryl/alkyl-ethyl)indolin-2-ones through Gold/Bronsted Acid Relay Actions: Observation of Selective C=C Bond Cleavage of Enaminones. <i>Synthesis</i> , 2017, 49, 3609-3618.	2.3	4
33	Base-Promoted Tandem Reaction towards Conjugated Dienone or Chromone Derivatives with a Cyano Group: Insertion of Alkynes into C=C β -Bonds of α -oxopropanenitriles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3079-3084.	4.3	29
34	Synthesis of Polycyclic Benzo[<i>b</i>]indolo[3,2,1- <i>de</i>]acridines <i>via</i> Sequential Allenylation, Diels-Alder Cyclization, and Hydrogen Migration Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 11198-11205.	3.2	8
35	Selective synthesis of pyrrolo[1,2- <i>a</i>]azepines or 4,6-dicarbonyl indoles <i>via</i> tandem reactions of alkyneones with pyrrole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6328-6332.	2.8	11
36	Insertion of Isolated Alkynes into Carbon-Carbon β -Bonds of Unstrained Cyclic α -ketoesters <i>via</i> Transition-Metal-Free Tandem Reactions: Synthesis of Medium-Sized Ring Compounds. <i>Chemistry - A European Journal</i> , 2016, 22, 17936-17939.	3.3	56

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37	Base-Promoted Tandem Reaction Involving Insertion into Carbon-Carbon Single Bonds: Synthesis of Xanthone and Chromone Derivatives. <i>Chemistry - A European Journal</i> , 2016, 22, 12655-12659.	3.3	46
38	Metal/Benzoyl Peroxide (BPO)-Controlled Chemoselective Cycloisomerization of (<i>ortho</i> -Alkynyl)phenyl Enaminones: Synthesis of \pm -Naphthylamines and Indeno[1,2- <i>c</i>]pyrrolones. <i>Organic Letters</i> , 2016, 18, 5150-5153.	4.6	36
39	Copper-Catalyzed Oxidative Dearomatization/Spirocyclization of Indole-2-Carboxamides: Synthesis of 2-Spiro-pseudoindoxyls. <i>Organic Letters</i> , 2016, 18, 6124-6127.	4.6	65
40	Gold-catalyzed chemo- and diastereoselective C(sp ²)-H functionalization of enaminones for the synthesis of pyrrolo[3,4- <i>c</i>]quinolin-1-one derivatives. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2177-2181.	2.8	20
41	Base-Promoted Approach to Highly Functionalized Conjugated Dienes through Enamine Migration. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7984-7991.	2.4	13
42	LDA-Promoted Synthesis of 3-Amino Furans by Selective Lithiation of Enaminones. <i>Journal of Organic Chemistry</i> , 2015, 80, 12641-12645.	3.2	28
43	Copper-Catalyzed Synthesis of Substituted Quinolines via C-N Coupling/Condensation from <i>ortho</i> -Acylanilines and Alkenyl Iodides. <i>Journal of Organic Chemistry</i> , 2015, 80, 1275-1278.	3.2	61
44	ZnCl ₂ -catalyzed chemoselective cascade reactions of enaminones with 2-furylcarbinols: a versatile process for the synthesis of cyclopenta[<i>b</i>]pyrrole derivatives. <i>Chemical Communications</i> , 2014, 50, 2164-2166.	4.1	52
45	Palladium-Catalyzed Allenylation/Intramolecular Diels-Alder Reaction of Furans with Propargyl Carboxylates for the Synthesis of Polycyclic Compounds. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3556-3560.	2.4	14
46	Copper-catalyzed synthesis of 1,2,4-trisubstituted pyrroles via cascade reactions of aryloxy-enynes with amines. <i>RSC Advances</i> , 2013, 3, 22872.	3.6	13
47	Lewis Acid-Catalyzed Cyclization of Enaminones with Propargylic Alcohols: Regioselective Synthesis of Multisubstituted 1,2-Dihydropyridines. <i>Journal of Organic Chemistry</i> , 2013, 78, 5731-5736.	3.2	57
48	Copper-Catalyzed Selective Synthesis of Highly Substituted Pyridones by the Reaction of Enaminones with Alkynes. <i>Synthesis</i> , 2012, 44, 3301-3306.	2.3	4
49	Iron-catalyzed one-pot reactions of <i>o</i> -aryloxybenzaldehydes to xanthenes. <i>Science Bulletin</i> , 2012, 57, 2364-2367.	1.7	7
50	Pd/Cu-catalyzed cascade Sonogashira coupling/cyclization reactions to highly substituted 3-formyl furans. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1342.	2.8	49
51	Iron-catalyzed cascade reaction of ynones with <i>o</i> -aminoaryl compounds: a Michael addition-cyclization approach to 3-carbonyl quinolines. <i>Tetrahedron Letters</i> , 2011, 52, 530-533.	1.4	46
52	Silver-catalyzed cascade reaction of <i>o</i> -aminoaryl compounds with alkynes: an aniline mediated synthesis of 2-substituted quinolines. <i>Tetrahedron Letters</i> , 2011, 52, 1108-1111.	1.4	45
53	Acid-Catalyzed Cascade Reactions of Enaminones with Aldehydes: C-H Functionalization To Afford 1,4-Dihydropyridines. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4189-4193.	2.4	55
54	Iron-Catalyzed, Microwave-Promoted, One-Pot Synthesis of 9-Substituted Xanthenes by a Cascade Benzoylation-Cyclization Process. <i>Organic Letters</i> , 2010, 12, 100-103.	4.6	49

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55	Iron-Catalyzed Cross-Coupling Reactions of Terminal Alkynes with Vinyl Iodides. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1263-1267.	4.3	43
56	Iron-Catalyzed Regioselective Hydroaryloxylation of C≡C Triple Bonds: An Efficient Synthesis of 2-Hydroxy-1-Benzopyran Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2599-2604.	4.3	67
57	Copper-catalyzed synthesis of five-membered heterocycles via double C=N bond formation: an efficient synthesis of pyrroles, dihydropyrroles, and carbazoles. <i>Tetrahedron</i> , 2009, 65, 8961-8968.	1.9	36
58	Efficient stereoselective synthesis of benzoxazines via copper-catalyzed three-component coupling reactions. <i>Tetrahedron Letters</i> , 2009, 50, 57-59.	1.4	19
59	New domino approach for the synthesis of 2,3-disubstituted benzo[b]furans via copper-catalyzed multi-component coupling reactions followed by cyclization. <i>Tetrahedron Letters</i> , 2009, 50, 2353-2357.	1.4	60
60	Iron-Catalyzed Cascade Arene-Aldehyde Addition/Cyclizations for the Highly Efficient Synthesis of Xanthenes and Its Analogous: Observation of a C-C Bond Cleavage in Indole-Based Triarylmethanes. <i>Journal of Organic Chemistry</i> , 2009, 74, 6797-6801.	3.2	90
61	Efficient Synthesis of 3-Iodoindenes via Lewis-Acid Catalyzed Friedel-Crafts Cyclization of Iodinated Allylic Alcohols. <i>Journal of Organic Chemistry</i> , 2008, 73, 3958-3960.	3.2	55
62	Selective Preparation of Pyridines, Pyridones, and Iminopyridines from Two Different Alkynes via Azazirconacycles. <i>Journal of the American Chemical Society</i> , 2002, 124, 5059-5067.	13.7	182
63	Carbon-Carbon Bond Formation Reaction of Zirconacyclopentadienes with Alkynes in the Presence of Ni(II)-complexes. <i>Journal of the American Chemical Society</i> , 1999, 121, 11093-11100.	13.7	123
64	FeCl ₃ -Catalyzed Highly Diastereoselective Synthesis of Polyhydrobenzo[a]acridinones. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	0
65	Transition-metal-free insertion of alkynes into the C-C ĩf-bond of cyclic ĩ ² -keto sulfones: an atom-economical way to medium-size-ring sulfonyl derivatives. <i>New Journal of Chemistry</i> , 0, , .	2.8	1