# Yanzhong Li

List of Publications by Year
in descending order

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| 65 | 1,889 | 218677 | 276875 |
|---|---|---|---|
| papers | citations | 26 h-index | 41 g-index |

| 68 | 68 | 68 | 1675 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Selective Preparation of Pyridines, Pyridones, and Iminopyridines from Two Different Alkynes via Azazirconacycles. Journal of the American Chemical Society, 2002, 124, 5059-5067. | 13.7 | 182 |
| 2 | Carbonâ^'Carbon Bond Formation Reaction of Zirconacyclopentadienes with Alkynes in the Presence of Ni(II)-complexes. Journal of the American Chemical Society, 1999, 121, 11093-11100. | 13.7 | 123 |
| 3 | Iron-Catalyzed Cascade Areneâ^'Aldehyde Addition/Cyclizations for the Highly Efficient Synthesis of Xanthenes and Its Analogous: Observation of a Câ^'C Bond Cleavage in Indole-Based Triarylmethanes. Journal of Organic Chemistry, 2009, 74, 6797-6801. | 3.2 | 90 |
| 4 | Ironâ€Catalyzed Regioselective Hydroaryloxylation of Cï£½C Triple Bonds: An Efficient Synthesis of 2Hâ€1â€Benzopyran Derivatives. Advanced Synthesis and Catalysis, 2009, 351, 2599-2604. | 4.3 | 67 |
| 5 | Copper-Catalyzed Oxidative Dearomatization/Spirocyclization of Indole-2-Carboxamides: Synthesis of 2-Spiro-pseudoindoxyls. Organic Letters, 2016, 18, 6124-6127. | 4.6 | 65 |
| 6 | Copper-Catalyzed Synthesis of Substituted Quinolines via Câ€"N Coupling/Condensation from ortho-Acylanilines and Alkenyl Iodides. Journal of Organic Chemistry, 2015, 80, 1275-1278. | 3.2 | 61 |
| 7 | New domino approach for the synthesis of 2,3-disubstituted benzo[b]furans via copper-catalyzed multi-component coupling reactions followed by cyclization. Tetrahedron Letters, 2009, 50, 2353-2357. | 1.4 | 60 |
| 8 | Lewis Acid-Catalyzed Cyclization of Enaminones with Propargylic Alcohols: Regioselective Synthesis of Multisubstituted 1,2-Dihydropyridines. Journal of Organic Chemistry, 2013, 78, 5731-5736. | 3.2 | 57 |
| 9 | Insertion of Isolated Alkynes into Carbonâ€"Carbon Ïƒâ€Bonds of Unstrained Cyclic Î²â€Ketoesters via Transitionâ€Metalâ€Free Tandem Reactions: Synthesis of Mediumâ€Sized Ring Compounds. Chemistry - A European Journal, 2016, 22, 17936-17939. | 3.3 | 56 |
| 10 | Efficient Synthesis of 3-Iodoindenes via Lewis-Acid Catalyzed Friedelâ^'Crafts Cyclization of Iodinated Allylic Alcohols. Journal of Organic Chemistry, 2008, 73, 3958-3960. | 3.2 | 55 |
| 11 | Acidâ€Catalyzed Cascade Reactions of Enaminones with Aldehydes: Câ€"H Functionalization To Afford 1,4â€Dihydropyridines. European Journal of Organic Chemistry, 2010, 2010, 4189-4193. | 2.4 | 55 |
| 12 | ZnCl<sub>2</sub>-catalyzed chemoselective cascade reactions of enaminones with 2-furylcarbinols: a versatile process for the synthesis of cyclopenta[b]pyrrole derivatives. Chemical Communications, 2014, 50, 2164-2166. | 4.1 | 52 |
| 13 | Transition-Metal-Free Ring Expansion Reactions of Indene-1,3-dione: Synthesis of Functionalized Benzoannulated Seven-Membered Ring Compounds. Organic Letters, 2018, 20, 1744-1747. | 4.6 | 50 |
| 14 | Iron-Catalyzed, Microwave-Promoted, One-Pot Synthesis of 9-Substituted Xanthenes by a Cascade Benzylationâ^'Cyclization Process. Organic Letters, 2010, 12, 100-103. | 4.6 | 49 |
| 15 | Pd/Cu-catalyzed cascade Sonogashira coupling/cyclization reactions to highly substituted 3-formyl furans. Organic and Biomolecular Chemistry, 2011, 9, 1342. | 2.8 | 49 |
| 16 | Iron-catalyzed cascade reaction of ynone with o-aminoaryl compounds: a Michael additionâ€"cyclization approach to 3-carbonyl quinolines. Tetrahedron Letters, 2011, 52, 530-533. | 1.4 | 46 |
| 17 | Baseâ€Promoted Tandem Reaction Involving Insertion into Carbonâ€"Carbon Ïƒâ€Bonds: Synthesis of Xanthone and Chromone Derivatives. Chemistry - A European Journal, 2016, 22, 12655-12659. | 3.3 | 46 |
| 18 | Silver-catalyzed cascade reaction of o-aminoaryl compounds with alkynes: an aniline mediated synthesis of 2-substituted quinolines. Tetrahedron Letters, 2011, 52, 1108-1111. | 1.4 | 45 |

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|---|---|---|---|
| 19 | Ironâ€Catalyzed Crossâ€Coupling Reactions of Terminal Alkynes with Vinyl Iodides. Advanced Synthesis and Catalysis, 2009, 351, 1263-1267. | 4.3 | 43 |
| 20 | Copper-catalyzed synthesis of five-membered heterocycles via double Câ€“N bond formation: an efficient synthesis of pyrroles, dihydropyrroles, and carbazoles. Tetrahedron, 2009, 65, 8961-8968. | 1.9 | 36 |
| 21 | Metal/Benzoyl Peroxide (BPO)-Controlled Chemoselective Cycloisomerization of (o-Alkynyl)phenyl Enaminones: Synthesis of Î±-Naphthylamines and Indeno[1,2-c]pyrrolones. Organic Letters, 2016, 18, 5150-5153. | 4.6 | 36 |
| 22 | Base-mediated insertion reaction of alkynes into carbonâ€“carbon Ïƒ-bonds of ethanones: synthesis of hydroxydienone and chromone derivatives. Organic and Biomolecular Chemistry, 2017, 15, 2497-2500. | 2.8 | 33 |
| 23 | Baseâ€Promoted Tandem Reaction towards Conjugated Dienone or Chromone Derivatives with a Cyano Group: Insertion of Alkynes into Câ€“C Ïƒâ€Bonds of 3â€Oxopropanenitriles. Advanced Synthesis and Catalysis, 2017, 359, 3079-3084. | 4.3 | 29 |
| 24 | Transition-Metal-Free Aminoacylation of Ynones with Amides: Synthesis of 3-Carbonyl-4-quinolinones or Functionalized Enaminones. Organic Letters, 2018, 20, 3907-3910. | 4.6 | 29 |
| 25 | LDA-Promoted Synthesis of 3-Amino Furans by Selective Lithiation of Enaminones. Journal of Organic Chemistry, 2015, 80, 12641-12645. | 3.2 | 28 |
| 26 | Transition-metal-free insertion reactions of alkynes into the Câ€“N Ïƒ-bonds of imides: synthesis of substituted enamides or chromones. Chemical Communications, 2018, 54, 6192-6195. | 4.1 | 28 |
| 27 | Sequential Câ€“C Ïƒ-Bond Cleavage/(sp<sup>2</sup>) Câ€“O Bond Formation via Câ€“H Functionalization toward Pyranoindolones Fused with Medium-Sized Rings. Organic Letters, 2018, 20, 6130-6134. | 4.6 | 25 |
| 28 | Controllable Î±- or Î²-Functionalization of Î±-Diazoketones with Aromatic Amides via Cobalt-Catalyzed Câ€“H Activation: A Regioselective Approach to Isoindolinones. Organic Letters, 2019, 21, 6264-6269. | 4.6 | 21 |
| 29 | Selective Insertion of Alkynes into Câ€“C Ïƒ Bonds of Indolin-2-ones: Transition-Metal-Free Ring Expansion Reactions to Seven-Membered-Ring Benzolactams or Chromone Derivatives. Organic Letters, 2020, 22, 155-159. | 4.6 | 21 |
| 30 | Gold-catalyzed chemo- and diastereoselective C(sp<sup>2</sup>)â€“H functionalization of enaminones for the synthesis of pyrrolo[3,4-c]-quinolin-1-one derivatives. Organic and Biomolecular Chemistry, 2016, 14, 2177-2181. | 2.8 | 20 |
| 31 | Efficient stereoselective synthesis of benzoxazines via copper-catalyzed three-component coupling reactions. Tetrahedron Letters, 2009, 50, 57-59. | 1.4 | 19 |
| 32 | Merging base-promoted Câ€“C bond cleavage and iron-catalyzed skeletal rearrangement involving Câ€“C/Câ€“H bond activation: synthesis of highly functionalized carbazoles. Chemical Communications, 2018, 54, 11009-11012. | 4.1 | 19 |
| 33 | Tertiary amine self-catalyzed intramolecular Csp3â€“H functionalization with in situ generated allenes for the formation of 3-alkenyl indolines. Chemical Communications, 2017, 53, 3721-3724. | 4.1 | 18 |
| 34 | Chemoselective Nâ€“H or C-2 Arylation of Indole-2-carboxamides: Controllable Synthesis of Indolo[1,2-a]quinoxalin-6-ones and 2,3â€²-Spirobi[indolin]-2â€²-ones. Organic Letters, 2018, 20, 5251-5255. | 4.6 | 18 |
| 35 | Palladium-Catalyzed Dual C(sp<sup>2</sup>)â€“H Functionalization of Indole-2-carboxamides Involving a 1,2-Acyl Migration: A Synthesis of Indolo[3,2-c]quinolinones. Organic Letters, 2018, 20, 5696-5699. | 4.6 | 17 |
| 36 | Synthesis of cyano-substituted carbazoles via successive Câ€“C/Câ€“H cleavage. Organic and Biomolecular Chemistry, 2019, 17, 958-965. | 2.8 | 15 |

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|---|---|---|---|
| 37 | Synthesis of Spiro[5.n (n=6â€“8)]heterocycles through Successive Ringâ€Expansion/Indole Câ€2 Functionalization. Advanced Synthesis and Catalysis, 2020, 362, 1298-1302. | 4.3 | 15 |
| 38 | Palladiumâ€Catalyzed Allenylation/Intramolecular Dielsâ€“Alder Reaction of Furans with Propargyl Carboxylates for the Synthesis of Polycyclic Compounds. European Journal of Organic Chemistry, 2014, 2014, 3556-3560. | 2.4 | 14 |
| 39 | Copper-catalyzed synthesis of 1,2,4-trisubstituted pyrroles via cascade reactions of aryloxy-enynes with amines. RSC Advances, 2013, 3, 22872. | 3.6 | 13 |
| 40 | Baseâ€Promoted Approach to Highly Functionalized Conjugated Dienes through Enamine Migration. European Journal of Organic Chemistry, 2015, 2015, 7984-7991. | 2.4 | 13 |
| 41 | Transition-metal-free Câ€“C Ïƒ-bond activation of Î±-aryl ketones and subsequent Zn-catalyzed intramolecular cyclization: synthesis of tetrasubstituted furans. Organic and Biomolecular Chemistry, 2019, 17, 2725-2733. | 2.8 | 13 |
| 42 | Silver-Mediated [2 + 2 + 1] Cyclization Reaction of Diynes with Elemental Selenium/Sulfur To Synthesize 3,4-Substituted Cyclopenta[c]selenophenes/Cyclopenta[c]thiophenes. Organic Letters, 2021, 23, 5911-5916. | 4.6 | 13 |
| 43 | Selective Synthesis of Pyrano[3,2-b]indoles or Cyclopenta[b]indoles Tethered with Medium-Sized Rings via Cascade Câ€“C Ïƒ-Bond Cleavage and Câ€“H Functionalization. Journal of Organic Chemistry, 2021, 86, 683-692. | 3.2 | 12 |
| 44 | Selective synthesis of pyrrolo[1,2-a]azepines or 4,6-dicarbonyl indoles via tandem reactions of alkynones with pyrrole derivatives. Organic and Biomolecular Chemistry, 2017, 15, 6328-6332. | 2.8 | 11 |
| 45 | Synthesis of Aza-Eight-Membered Ring-Fused Indolines Initiated by Zn-Catalyzed C2 Alkylation of Indoles and Subsequent Base-Promoted Ring Expansion. Organic Letters, 2020, 22, 6532-6536. | 4.6 | 11 |
| 46 | Straightforward Stereoselective Synthesis of Seven-Membered Oxa-Bridged Rings through In Situ Generated Cycloheptenol Derivatives. Journal of Organic Chemistry, 2021, 86, 12956-12963. | 3.2 | 11 |
| 47 | BrÃ¸nsted-Acid-Promoted Selective C2â€“N1 Ring-Expansion Reaction of Indoles toward Cyclopenta[b]quinolines. Organic Letters, 2022, 24, 966-970. | 4.6 | 10 |
| 48 | Cobalt-catalyzed C H activation of N-carbamoyl indoles or benzamides with maleimides: Synthesis of imidazo[1,5-a]indole- or isoindolone-incorporated spirosuccinimides. Tetrahedron Letters, 2021, 70, 152872. | 1.4 | 9 |
| 49 | Synthesis of Polycyclic Benzo[b]indolo[3,2,1-de]acridines via Sequential Allenylation, Dielsâ€“Alder Cyclization, and Hydrogen Migration Reaction. Journal of Organic Chemistry, 2017, 82, 11198-11205. | 3.2 | 8 |
| 50 | Pdâ€Catalyzed Câ€H/Nâ€H Arylation: Oneâ€Pot Synthesis of Indolo[1,â€‰2â€f]phenanthridines. ChemistrySelect, 2018, 3, 456-460. | 1.5 | 8 |
| 51 | Atom-Economic Synthesis of Highly Functionalized Bridged Ring Systems Initiated by Ring Expansion of Indene-1,3-dione. Journal of Organic Chemistry, 2021, 86, 6755-6764. | 3.2 | 8 |
| 52 | Iron-catalyzed one-pot reactions of o-aryloxybenzaldehydes to xanthones. Science Bulletin, 2012, 57, 2364-2367. | 1.7 | 7 |
| 53 | I<sub>2</sub>-Catalyzed Carbonylation of Î±-Methylene Ketones to Synthesize 1,2-Diaryl Diketones and Antiviral Quinoxalines in One Pot. ACS Omega, 2022, 7, 1380-1394. | 3.5 | 7 |
| 54 | Cobalt-catalyzed regioselective syntheses of indeno[2,1-c]pyridines from nitriles and diynes bearing propargyl fragments. Organic and Biomolecular Chemistry, 2018, 16, 8761-8768. | 2.8 | 6 |

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|---|---|---|---|
| 55 | Controllable synthesis of pyrido[2,3-b]indol-4-ones or indolo[3,2-b]quinolines via formal intramolecular C(sp<sup>2</sup>)â€“H functionalization. Organic and Biomolecular Chemistry, 2019, 17, 9960-9965. | 2.8 | 6 |
| 56 | Palladiumâ€Catalyzed Allenylation/6Ï€â€Electrocyclization and 1,3â€Hydrogen Migration: an Access to Naphtho[1,2â€b]furans. European Journal of Organic Chemistry, 2020, 2020, 98-102. | 2.4 | 5 |
| 57 | Synthesis of indoline-fused eight-membered azaheterocycles through Zn-catalyzed dearomatization of indoles and subsequent base-promoted Câ€“C activation. Organic and Biomolecular Chemistry, 2020, 18, 6916-6926. | 2.8 | 5 |
| 58 | Cascade Câ€“N bond cleavage of amides/intramolecular amination reactions: an atom economical way to Î±-cabolin-4-ones. Organic Chemistry Frontiers, 2021, 8, 579-583. | 4.5 | 5 |
| 59 | Copper-Catalyzed Selective Synthesis of Highly Substituted Pyridones by the Reaction of Enaminones with Alkynes. Synthesis, 2012, 44, 3301-3306. | 2.3 | 4 |
| 60 | Synthesis of 1-Alkyl-3-(2-oxo-2-aryl/alkyl-ethyl)indolin-2-ones through Gold/BrÃ¸nsted Acid Relay Actions: Observation of Selective C=C Bond Cleavage of Enaminones. Synthesis, 2017, 49, 3609-3618. | 2.3 | 4 |
| 61 | Difunctionalization of Alkynones by Base-Mediated Reaction with Î±,Î±-Dithioketones. Organic Letters, 2021, 23, 5339-5343. | 4.6 | 4 |
| 62 | Regioselective Synthesis of Tetrasubstituted Benzenes via Co-Catalyzed Cycloaddition of Alkynyl Ketones and 2-Acetylpyridines. Journal of Organic Chemistry, 2021, 86, 12158-12167. | 3.2 | 2 |
| 63 | Stereoselective synthesis of 1,3,5-trienes from alkynones and allyl carbonyl compounds through Câ€“C Ïƒ-bond cleavage under transition-metal-free conditions. Organic Chemistry Frontiers, 2022, 9, 3354-3359. | 4.5 | 1 |
| 64 | Transition-metal-free insertion of alkynes into the Câ€“C Ïƒ-bond of cyclic Î²-keto sulfones: an atom-economical way to medium-size-ring sulfonyl derivatives. New Journal of Chemistry, 0, , . | 2.8 | 1 |
| 65 | FeCl 3 â€Catalyzed Highly Diastereoselective Synthesis of Polyhydrobenzo[ a ]acridinones. Asian Journal of Organic Chemistry, 0, , . | 2.7 | 0 |