# Rulong Yan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2610013/publications.pdf

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|---|---|---|---|
| 47 papers | 1,223 citations | 361413 20 h-index | 377865 34 g-index |
| 47 all docs | 47 docs citations | 47 times ranked | 1315 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Iodine-Mediated Thiolation of Substituted Naphthols/Naphthylamines and Arylsulfonyl Hydrazides via C(sp<sup>2</sup>)â€“H Bond Functionalization. Journal of Organic Chemistry, 2014, 79, 10605-10610. | 3.2 | 119 |
| 2 | Aerobic Synthesis of Substituted Quinoline from Aldehyde and Aniline: Copper-Catalyzed Intermolecular Câ€“H Active and Câ€“C Formative Cyclization. Organic Letters, 2013, 15, 4876-4879. | 4.6 | 113 |
| 3 | FeCl<sub>3</sub>-Catalyzed synthesis of pyrrolo[1,2-a]quinoxaline derivatives from 1-(2-aminophenyl)pyrroles through annulation and cleavage of cyclic ethers. Chemical Communications, 2017, 53, 11572-11575. | 4.1 | 62 |
| 4 | Iron(II)-Catalyzed Denitration Reaction: Synthesis of 3-Methyl-2-arylimidazo[1,2-a]pyridine Derivatives from Aminopyridines and 2-Methylnitroolefins. Synlett, 2012, 23, 2961-2964. | 1.8 | 59 |
| 5 | I<sub>2</sub>-catalyzed synthesis of substituted imidazoles from vinyl azides and benzylamines. Chemical Communications, 2015, 51, 6598-6600. | 4.1 | 58 |
| 6 | Ironâ€Catalyzed Synthesis of Substituted Thiazoles from Enamines and Elemental Sulfur through Câˆ’S Bond Formation. Advanced Synthesis and Catalysis, 2018, 360, 4236-4240. | 4.3 | 44 |
| 7 | I2-Catalyzed Synthesis of Substituted Pyrroles from Î±-Amino Carbonyl Compounds and Aldehydes. Journal of Organic Chemistry, 2014, 79, 465-470. | 3.2 | 43 |
| 8 | Oneâ€Pot Synthesis of Benzene and Pyridine Derivatives via Copperâ€Catalyzed Coupling Reactions. Advanced Synthesis and Catalysis, 2017, 359, 2676-2681. | 4.3 | 43 |
| 9 | Oneâ€Pot Threeâ€Component Synthesis of 3â€nitroâ€2â€arylimidazo[1,2â€a]pyridine Derivatives Using Air as an Oxidant. Chemistry - an Asian Journal, 2012, 7, 2028-2031. | 3.5 | 41 |
| 10 | Iron(III)/Iodineâ€Catalyzed C(sp<sup>2</sup>)ï£¿H Activation of Î±,Î²â€Unsaturated Aldehydes/Ketones with Amidines: Synthesis of 1,2,4,5â€Tetrasubstituted Imidazoles. Advanced Synthesis and Catalysis, 2015, 357, 3868-3874. | 4.3 | 40 |
| 11 | Metal-free synthesis of 3-methylthiofurans from homopropargylic alcohols and DMSO via a tandem sulfenylation/cyclization reaction in a one-pot manner. Organic Chemistry Frontiers, 2016, 3, 1746-1749. | 4.5 | 39 |
| 12 | Copper-Mediated Aerobic Oxidative Synthesis of 3-Bromo-imidazo[1,2-a]pyridines with Pyridines and Enamides. Journal of Organic Chemistry, 2016, 81, 25-31. | 3.2 | 37 |
| 13 | Copper-catalyzed tandem aerobic oxidative cyclization for the synthesis of 4-cyanoalkylpyrrolo[1,2-a]quinoxalines from 1-(2-aminophenyl)pyrroles and cyclobutanone oxime esters. Chemical Communications, 2018, 54, 10738-10741. | 4.1 | 37 |
| 14 | A novel one-pot method for the synthesis of substituted furopyridines: iodine-mediated oxidation of enaminones by tandem metal-free cyclization. Chemical Communications, 2015, 51, 2573-2576. | 4.1 | 36 |
| 15 | Copper-Catalyzed Tandem Aerobic Oxidative Cyclization for the Synthesis of Polysubstituted Quinolines via C(sp<sup>3</sup>)/C(sp<sup>2</sup>)â€“H Bond Functionalization. Journal of Organic Chemistry, 2017, 82, 10110-10120. | 3.2 | 35 |
| 16 | Iodineâ€Mediated Synthesis of Aromatic Thioethers with Aromatic Amines and Sulfonyl Hydrazides in High Regioselectivity via C(sp<sup>2</sup>)ï£¿H Bond Functionalization. Advanced Synthesis and Catalysis, 2016, 358, 321-325. | 4.3 | 34 |
| 17 | Cleavage of Câ€“C Bonds for the Synthesis of C2-Substituted Quinolines and Indoles by Catalyst-Controlled Tandem Annulation of 2-Vinylanilines and Alkynoates. Organic Letters, 2018, 20, 1534-1537. | 4.6 | 34 |
| 18 | AgNO2 as the NO Source for the Synthesis of Substituted Pyrazole N-Oxides from N-Propargylamines. Organic Letters, 2016, 18, 5928-5931. | 4.6 | 32 |

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|---|---|---|---|
| 19 | Iodothiocyanation/Nitration of Allenes with Potassium Thiocyanate/Silver Nitrite and Iodine. Advanced Synthesis and Catalysis, 2016, 358, 3130-3134. | 4.3 | 23 |
| 20 | TBAI/K<sub>2</sub>S<sub>2</sub>O<sub>8</sub> Initiated Radical Cyclization to Synthesize Î²â€• Arylsulfonyl Naphthalenes from Homopropargylic Alcohols and Sulfonyl Hydrazides. Advanced Synthesis and Catalysis, 2017, 359, 3248-3253. | 4.3 | 21 |
| 21 | Metal-free synthesis of substituted pyridines from aldehydes and NH4OAc under air. RSC Advances, 2014, 4, 50369-50372. | 3.6 | 20 |
| 22 | A method for accessing sulfanylfurans from homopropargylic alcohols and sulfonyl hydrazides. Organic and Biomolecular Chemistry, 2017, 15, 3571-3574. | 2.8 | 20 |
| 23 | An I<sub>2</sub>-catalyzed oxidative cyclization for the synthesis of indolizines from aromatic/aliphatic olefins and Î±-picoline derivatives. RSC Advances, 2015, 5, 29424-29427. | 3.6 | 19 |
| 24 | tert-Butyl nitrite (TBN) as the N atom source for the synthesis of substituted cinnolines with 2-vinylanilines and a relevant mechanism was studied. Organic and Biomolecular Chemistry, 2017, 15, 6318-6322. | 2.8 | 18 |
| 25 | tert-Butyl Nitrite Promoted Oxidative Intermolecular Sulfonamination of Alkynes to Synthesize Substituted Sulfonyl Pyrroles from the Alkynylamines and Sulfinic Acids. Journal of Organic Chemistry, 2018, 83, 8636-8644. | 3.2 | 18 |
| 26 | B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>-Catalyzed cyclization of alkynes: direct synthesis of 3-silyl heterocyclic compounds. Chemical Communications, 2020, 56, 11953-11956. | 4.1 | 17 |
| 27 | I<sub>2</sub>â€Promoted [3+2] Cyclization of 1,3â€Diketones with Potassium Thiocyanate: a Route to Thiazolâ€2(3H)â€One Derivatives. Advanced Synthesis and Catalysis, 2021, 363, 3240-3244. | 4.3 | 14 |
| 28 | Cu-Catalyzed Tandem Aerobic Oxidative Cyclization for the Synthesis of 3,3â€²-Bipyrroles from the Homopropargylic Amines. Organic Letters, 2018, 20, 5048-5052. | 4.6 | 11 |
| 29 | TFAAâ€Catalyzed Annulation Synthesis of Spiro Pyrrolo[1,2â€a]quinoxaline Derivatives from 1â€(2â€Aminophenyl)pyrroles and Benzoquinones/Ketones. Chemistry - an Asian Journal, 2019, 14, 2898-2902. | 3.3 | 11 |
| 30 | Synthesis of Benzimidazo[2,1-a]isoquinoline and Indolo[2,1-a]isoquinoline Derivatives via Copper-Catalyzed Silylation/Methylation of 2-Arylindoles and 2-Arylbenzimidazoles. Journal of Organic Chemistry, 2022, 87, 9056-9068. | 3.2 | 11 |
| 31 | Synthesis of 3â€Arylpyridines via Palladium/Copperâ€Catalyzed Annulation of Allylamine/1,3â€Propanediamine and Aldehydes. Advanced Synthesis and Catalysis, 2015, 357, 3732-3736. | 4.3 | 10 |
| 32 | A convenient access to allylic triflones with allenes and triflyl chloride in the presence of (EtO)<sub>2</sub>P(O)H. Chemical Communications, 2019, 55, 7343-7345. | 4.1 | 10 |
| 33 | Copper-Catalyzed Synthesis of Alkyl-Substituted Pyrrolo[1,2-a]quinoxalines from 2-(1H-Pyrrol-1-yl)anilines and Alkylboronic Acids. Synlett, 2020, 31, 359-362. | 1.8 | 10 |
| 34 | Halogenations of substituted 2-alkylquinoline with iodine and halide exchange with AgF<sub>2</sub>. RSC Advances, 2016, 6, 111713-111717. | 3.6 | 9 |
| 35 | Ring-opening/annulation reaction of cyclopropyl ethanols: concise access to thiophene aldehydes via Câ€“S bond formation. Organic Chemistry Frontiers, 2019, 6, 3705-3709. | 4.5 | 9 |
| 36 | Synthesis of Fused Bâ€Containing Heterocyclic Compounds and Their Relevant Optical Properties. European Journal of Organic Chemistry, 2018, 2018, 4812-4817. | 2.4 | 8 |

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|---|---|---|---|
| 37 | External Oxidantâ€Free Oxidative Tandem Cyclization: Naâ€Catalyzed Thiolation for the Synthesis of 3â€Thiosubstituted Pyrroles. Advanced Synthesis and Catalysis, 2019, 361, 5112-5117. | 4.3 | 8 |
| 38 | Synthesis of 3-benzylidenetetrahydrofurans: Tf<sub>2</sub>O-catalyzed hydroxylation/cyclization of cyclopropanemethanols with DMSO. Chemical Communications, 2020, 56, 15627-15630. | 4.1 | 7 |
| 39 | Fe-Catalyzed tandem cyclization for the synthesis of 3-nitrofurans from homopropargylic alcohols and Al(NO<sub>3</sub>)<sub>3</sub>Â·9H<sub>2</sub>O. Organic and Biomolecular Chemistry, 2018, 16, 5232-5235. | 2.8 | 6 |
| 40 | TFAâ€Catalyzed [3+2] Spiroannulation of Cyclobutanols: A Route to Spiro[cyclobuta[ a ]indeneâ€7,1â€²â€cyclobutane] Skeletons. Chemistry - an Asian Journal, 2020, 15, 3812-3815. | 3.3 | 6 |
| 41 | Metal-Free Câ€“S Bond Formation in Elemental Sulfur and Cyclobutanol Derivatives: The Synthesis of Substituted Thiophenes. Organic Letters, 2022, 24, 5309-5313. | 4.6 | 6 |
| 42 | Synthesis of Indoles from 2-Vinylanilines with PIFA or TFA and Quinones. Synlett, 2017, 28, 729-733. | 1.8 | 5 |
| 43 | I 2 â€Promoted Intramolecular Oxidative Cyclization of Butenyl Anilines: A Facile Route to Benzo[ b ]azepines. Chemistry - an Asian Journal, 2021, 16, 2614-2617. | 3.3 | 5 |
| 44 | A catalyst-free method for the synthesis of 1,4,2-dithiazoles from isothiocyanates and hydroxylamine triflic acid salts. Organic and Biomolecular Chemistry, 2021, 19, 6206-6209. | 2.8 | 5 |
| 45 | Iron-Catalyzed Ring Expansion of Cyclobutanols for the Synthesis of 1-Pyrrolines by Using MsONH3OTf. Organic Letters, 2022, 24, 771-775. | 4.6 | 5 |
| 46 | CuBr2-catalyzed ring opening/formylation reaction of cyclopropyl carbinols with DMF to synthesize formate esters. Tetrahedron Letters, 2020, 61, 152506. | 1.4 | 3 |
| 47 | Ironâ€Catalyzed Oneâ€Step Synthesis of Isothiazolone/1,2â€Selenazolone Derivatives via [3+1+1] Annulation of Cyclopropenones, Anilines, and Elemental Chalcogens. Advanced Synthesis and Catalysis, 2022, 364, 715-719. | 4.3 | 2 |