

# Rulong Yan

## List of Publications by Year in descending order

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47  
papers

1,223  
citations

361413

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#	ARTICLE	IF	CITATIONS
1	Iron-Catalyzed Ring Expansion of Cyclobutanols for the Synthesis of 1-Pyrrolines by Using MsONH <sub>3</sub> OTf. <i>Organic Letters</i> , 2022, 24, 771-775.	4.6	5
2	Iron-Catalyzed One-Step Synthesis of Isothiazolone/1,2-Selenazolone Derivatives via [3+1+1] Annulation of Cyclopropanones, Anilines, and Elemental Chalcogens. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 715-719.	4.3	2
3	Synthesis of Benzimidazo[2,1- <i>a</i> ]isoquinoline and Indolo[2,1- <i>a</i> ]isoquinoline Derivatives via Copper-Catalyzed Silylation/Methylation of 2-Arylindoles and 2-Arylbenzimidazoles. <i>Journal of Organic Chemistry</i> , 2022, 87, 9056-9068.	3.2	11
4	Metal-Free C-S Bond Formation in Elemental Sulfur and Cyclobutanol Derivatives: The Synthesis of Substituted Thiophenes. <i>Organic Letters</i> , 2022, 24, 5309-5313.	4.6	6
5	Promoted [3+2] Cyclization of 1,3-Diketones with Potassium Thiocyanate: a Route to Thiazolone/Thiazole One Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3240-3244.	4.3	14
6	Promoted Intramolecular Oxidative Cyclization of Butenyl Anilines: A Facile Route to Benzo[ <i>b</i> ]azepines. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2614-2617.	3.3	5
7	A catalyst-free method for the synthesis of 1,4,2-dithiazoles from isothiocyanates and hydroxylamine triflic acid salts. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6206-6209.	2.8	5
8	TFA-Catalyzed [3+2] Spiroannulation of Cyclobutanols: A Route to Spiro[cyclobuta[ <i>a</i> ]indene[2,1- <i>b</i> ]cyclobutane] Skeletons. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3812-3815.	3.3	6
9	Synthesis of 3-benzylidenetetrahydrofurans: TfO-catalyzed hydroxylation/cyclization of cyclopropanemethanols with DMSO. <i>Chemical Communications</i> , 2020, 56, 15627-15630.	4.1	7
10	CuBr <sub>2</sub> -catalyzed ring opening/formylation reaction of cyclopropyl carbinols with DMF to synthesize formate esters. <i>Tetrahedron Letters</i> , 2020, 61, 152506.	1.4	3
11	B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> -Catalyzed cyclization of alkynes: direct synthesis of 3-silyl heterocyclic compounds. <i>Chemical Communications</i> , 2020, 56, 11953-11956.	4.1	17
12	Copper-Catalyzed Synthesis of Alkyl-Substituted Pyrrolo[1,2- <i>a</i> ]quinoxalines from 2-(1H-Pyrrol-1-yl)anilines and Alkylboronic Acids. <i>Synlett</i> , 2020, 31, 359-362.	1.8	10
13	TFAA-Catalyzed Annulation Synthesis of Spiro Pyrrolo[1,2- <i>a</i> ]quinoxaline Derivatives from 1-(2-Aminophenyl)pyrroles and Benzoquinones/Ketones. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2898-2902.	3.3	11
14	External Oxidant-Free Oxidative Tandem Cyclization: Na-Catalyzed Thiolation for the Synthesis of 3-Thiosubstituted Pyrroles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5112-5117.	4.3	8
15	A convenient access to allylic triflones with allenes and triflyl chloride in the presence of (EtO) <sub>2</sub> P(O)H. <i>Chemical Communications</i> , 2019, 55, 7343-7345.	4.1	10
16	Ring-opening/annulation reaction of cyclopropyl ethanols: concise access to thiophene aldehydes via C-S bond formation. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3705-3709.	4.5	9
17	Cleavage of C-C Bonds for the Synthesis of C2-Substituted Quinolines and Indoles by Catalyst-Controlled Tandem Annulation of 2-Vinyanilines and Alkynoates. <i>Organic Letters</i> , 2018, 20, 1534-1537.	4.6	34
18	Synthesis of Fused B-Containing Heterocyclic Compounds and Their Relevant Optical Properties. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4812-4817.	2.4	8

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19	Copper-catalyzed tandem aerobic oxidative cyclization for the synthesis of 4-cyanoalkylpyrrolo[1,2- <i>a</i> ]quinoxalines from 1-(2-aminophenyl)pyrroles and cyclobutanone oxime esters. <i>Chemical Communications</i> , 2018, 54, 10738-10741.	4.1	37
20	Fe-Catalyzed tandem cyclization for the synthesis of 3-nitrofurans from homopropargylic alcohols and Al(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5232-5235.	2.8	6
21	Cu-Catalyzed Tandem Aerobic Oxidative Cyclization for the Synthesis of 3,3- $\alpha^2$ -Bipyrroles from the Homopropargylic Amines. <i>Organic Letters</i> , 2018, 20, 5048-5052.	4.6	11
22	Iron-Catalyzed Synthesis of Substituted Thiazoles from Enamines and Elemental Sulfur through C-S Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4236-4240.	4.3	44
23	<i>tert</i> -Butyl Nitrite Promoted Oxidative Intermolecular Sulfonamination of Alkynes to Synthesize Substituted Sulfonyl Pyrroles from the Alkynylamines and Sulfinic Acids. <i>Journal of Organic Chemistry</i> , 2018, 83, 8636-8644.	3.2	18
24	One-Pot Synthesis of Benzene and Pyridine Derivatives via Copper-Catalyzed Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2676-2681.	4.3	43
25	A method for accessing sulfanylfurans from homopropargylic alcohols and sulfonyl hydrazides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3571-3574.	2.8	20
26	Synthesis of Indoles from 2-Vinylanilines with PIFA or TFA and Quinones. <i>Synlett</i> , 2017, 28, 729-733.	1.8	5
27	FeCl <sub>3</sub> -Catalyzed synthesis of pyrrolo[1,2- <i>a</i> ]quinoxaline derivatives from 1-(2-aminophenyl)pyrroles through annulation and cleavage of cyclic ethers. <i>Chemical Communications</i> , 2017, 53, 11572-11575.	4.1	62
28	Copper-Catalyzed Tandem Aerobic Oxidative Cyclization for the Synthesis of Polysubstituted Quinolines via C(sp <sup>3</sup> )/C(sp <sup>2</sup> )-H Bond Functionalization. <i>Journal of Organic Chemistry</i> , 2017, 82, 10110-10120.	3.2	35
29	TBAI/K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> Initiated Radical Cyclization to Synthesize Arylsulfonyl Naphthalenes from Homopropargylic Alcohols and Sulfonyl Hydrazides. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3248-3253.	4.3	21
30	<i>tert</i> -Butyl nitrite (TBN) as the N atom source for the synthesis of substituted cinnolines with 2-vinylanilines and a relevant mechanism was studied. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6318-6322.	2.8	18
31	Iodine-Mediated Synthesis of Aromatic Thioethers with Aromatic Amines and Sulfonyl Hydrazides in High Regioselectivity via C(sp <sup>2</sup> )-H Bond Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 321-325.	4.3	34
32	Metal-free synthesis of 3-methylthiofurans from homopropargylic alcohols and DMSO via a tandem sulfenylation/cyclization reaction in a one-pot manner. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1746-1749.	4.5	39
33	Iodothiocyantation/Nitration of Allenes with Potassium Thiocyanate/Silver Nitrite and Iodine. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3130-3134.	4.3	23
34	Halogenations of substituted 2-alkylquinoline with iodine and halide exchange with AgF <sub>2</sub> . <i>RSC Advances</i> , 2016, 6, 111713-111717.	3.6	9
35	AgNO <sub>2</sub> as the NO Source for the Synthesis of Substituted Pyrazole N-Oxides from N-Propargylamines. <i>Organic Letters</i> , 2016, 18, 5928-5931.	4.6	32
36	Copper-Mediated Aerobic Oxidative Synthesis of 3-Bromo-imidazo[1,2- <i>a</i> ]pyridines with Pyridines and Enamides. <i>Journal of Organic Chemistry</i> , 2016, 81, 25-31.	3.2	37

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37	Synthesis of 3-Arylpyridines via Palladium/Copper-Catalyzed Annulation of Allylamine/1,3-Propanediamine and Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3732-3736.	4.3	10
38	Iron(III)/Iodine-Catalyzed C(sp <sup>2</sup> )-H Activation of $\alpha,\beta$ -Unsaturated Aldehydes/Ketones with Amidines: Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3868-3874.	4.3	40
39	A novel one-pot method for the synthesis of substituted furopyridines: iodine-mediated oxidation of enamines by tandem metal-free cyclization. <i>Chemical Communications</i> , 2015, 51, 2573-2576.	4.1	36
40	I <sub>2</sub> -catalyzed synthesis of substituted imidazoles from vinyl azides and benzylamines. <i>Chemical Communications</i> , 2015, 51, 6598-6600.	4.1	58
41	An I <sub>2</sub> -catalyzed oxidative cyclization for the synthesis of indolizines from aromatic/aliphatic olefins and $\alpha$ -picoline derivatives. <i>RSC Advances</i> , 2015, 5, 29424-29427.	3.6	19
42	I <sub>2</sub> -Catalyzed Synthesis of Substituted Pyrroles from $\alpha$ -Amino Carbonyl Compounds and Aldehydes. <i>Journal of Organic Chemistry</i> , 2014, 79, 465-470.	3.2	43
43	Iodine-Mediated Thiolation of Substituted Naphthols/Naphthylamines and Arylsulfonyl Hydrazides via C(sp <sup>2</sup> )-H Bond Functionalization. <i>Journal of Organic Chemistry</i> , 2014, 79, 10605-10610.	3.2	119
44	Metal-free synthesis of substituted pyridines from aldehydes and NH <sub>4</sub> OAc under air. <i>RSC Advances</i> , 2014, 4, 50369-50372.	3.6	20
45	Aerobic Synthesis of Substituted Quinoline from Aldehyde and Aniline: Copper-Catalyzed Intermolecular C-H Active and C-Formative Cyclization. <i>Organic Letters</i> , 2013, 15, 4876-4879.	4.6	113
46	Iron(II)-Catalyzed Denitration Reaction: Synthesis of 3-Methyl-2-arylimidazo[1,2-a]pyridine Derivatives from Aminopyridines and 2-Methylnitroolefins. <i>Synlett</i> , 2012, 23, 2961-2964.	1.8	59
47	One-Pot Three-Component Synthesis of 3-Nitro-2-arylimidazo[1,2-a]pyridine Derivatives Using Air as an Oxidant. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2028-2031.	3.3	41