

Bin Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rh(III)-Catalyzed Reaction of 2-Aryl-3-acylindoles with \pm -Diazo Carbonyl Compounds: Synthesis of 5-Carbonyl Substituted Benzo[<i>a</i>]carbazoles via [5+1] Annulation. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	3
2	Tunable Synthesis of Indeno[1,2- <i>c</i>]furans and 3-Benzoylindenones via FeCl ₃ -Catalyzed Carbene/Alkyne Metathesis Reaction of <i>o</i> -Alkynylbenzoyl Diazoacetates. <i>Organic Letters</i> , 2021, 23, 388-393.	4.6	9
3	Synthesis of maleimide fused benzocarbazoles and imidazo[1,2- <i>a</i>]pyridines <i>via</i> rhodium(III)-catalyzed [4 + 2] oxidative cycloaddition. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3698-3704.	4.5	41
4	Selective Synthesis of 2-Indolyl-3-oxindolines or 2-(2-Aminophenyl)quinolines through Cu(II)- or Bi(III)-Catalyzed Tunable Dimerizations of 2-Alkynylanilines. <i>Organic Letters</i> , 2020, 22, 6810-6815.	4.6	27
5	Synthesis of naphtho[1 ² ,2 ⁴ :4,5]imidazo[1,2- <i>a</i>]pyridines <i>via</i> Rh(III)-catalyzed C-H functionalization of 2-arylimidazo[1,2- <i>a</i>]pyridines with cyclic 2-diazo-1,3-diketones featuring with a ring opening and reannulation. <i>Organic Chemistry Frontiers</i> , 2020, 7, 919-925.	4.5	23
6	FeCl ₃ -catalyzed C-3 functionalization of imidazo[1,2- <i>a</i>]pyridines with diazoacetonitrile under oxidant- and ligand-free conditions. <i>Tetrahedron Letters</i> , 2020, 61, 151774.	1.4	8
7	Two birds with one stone: one-pot simultaneous synthesis of 2,2,2-trifluoroethylphenanthridines and benzochromenones featuring the utilization of the byproduct of Togni's reagent. <i>Green Chemistry</i> , 2019, 21, 5113-5117.	9.0	45
8	Sulfhydryl-Directed Iridium-Catalyzed C-H/Diazo Coupling and Tandem Annulation of Naphthalene-1-thiols. <i>Organic Letters</i> , 2019, 21, 7000-7003.	4.6	33
9	Synthesis of Fused or Spiro Polyheterocyclic Compounds via the Dehydrogenative Annulation Reactions of 2-Arylindazoles with Maleimides. <i>Organic Letters</i> , 2019, 21, 7189-7193.	4.6	100
10	Tunable Synthesis of Indolo[3,2- <i>c</i>]quinolines or 3-(2-Aminophenyl)quinolines via Aerobic/Anaerobic Dimerization of 2-Alkynylanilines. <i>Organic Letters</i> , 2019, 21, 4996-5001.	4.6	27
11	Synthesis of fused imidazo[1,2- <i>a</i>]pyridines derivatives through cascade C(sp ²) ² -H functionalizations. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9140-9150.	2.8	19
12	Hydroxyl-Directed Rhodium-Catalyzed C-H Bond Activation and Cyclization Leading to Naphtho[1,8- <i>bc</i>]pyran Derivatives and its Analogues. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2113-2118.	4.3	29
13	One-Pot Synthesis of Fused <i>N,O</i> -Heterocycles through Rh(III)-Catalyzed Cascade Reactions of Aromatic/Vinyl <i>N</i> -Alkoxy-Amides with α -Hydroxy- β -Alkynoates. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2613-2620.	4.3	62
14	Cascade C-H bond functionalizations of benzoyl acetonitriles/methylsulfones with cyclic 2-diazo-1,3-dicarbonyl compounds: An efficient access to diversely functionalized naphtho[1,8- <i>bc</i>]pyrans. <i>Tetrahedron Letters</i> , 2018, 59, 3094-3099.	1.4	16
15	Selective Synthesis of Benzo[<i>a</i>]Carbazoles and Indolo[2,1- <i>a</i>]isoquinolines <i>via</i> Rh(III)-Catalyzed C-H Functionalizations of 2-Arylindoles with Sulfoxonium Ylides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3781-3787.	4.3	121
16	Synthesis of Naphthoquinolizinones through Rh(III)-Catalyzed Double C(sp ²) ² -H Bond Carbenoid Insertion and Annulation of 2-Aryl-3-cyanopyridines with \pm -Diazo Carbonyl Compounds. <i>Organic Letters</i> , 2017, 19, 2294-2297.	4.6	70
17	Regio-selective synthesis of diversely substituted benzo[<i>a</i>]carbazoles through Rh(III)-catalyzed annulation of 2-arylindoles with \pm -diazo carbonyl compounds. <i>Chemical Communications</i> , 2017, 53, 1297-1300.	4.1	121
18	One-Pot Cascade Reactions Leading to Pyrido[2 ² ,1 ² :2,3]imidazo[4,5- <i>c</i>][1,2,3]triazolo[1,5- <i>a</i>]quinolines under Bimetallic Relay Catalysis with Air as the Oxidant. <i>Journal of Organic Chemistry</i> , 2016, 81, 6357-6363.	3.2	50

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19	One-pot Sequential Reactions Featuring a Copper-catalyzed Amination Leading to Pyrido[2,1-b:3,4-b']imidazo[4,5-c]quinolines and Dihydropyrido[2,1-b:3,4-b']imidazo[4,5-c]quinolines Chemistry - an Asian Journal, 2015, 10, 1281-1285.	4.1	170
20	Rh(III)-catalyzed synthesis of 1-aminoindole derivatives from 2-acetyl-1-arylhydrazines and diazo compounds in water. Chemical Communications, 2014, 50, 6130-6133.	4.1	170