

Bin Li

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Rh(III)-catalyzed synthesis of 1-aminoindole derivatives from 2-acetyl-1-arylhya-zines and diazo compounds in water. <i>Chemical Communications</i> , 2014, 50, 6130-6133.	4.1	170
2	Regio-selective synthesis of diversely substituted benzo[a]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
3	Selective Synthesis of Benzo[a]Carbazoles and Indolo[2,1-b]isoquinolines via 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
4	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
5	Synthesis of Naphthoquinolizinones through Rh(III)-Catalyzed Double C(sp 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
6	One-Pot Synthesis of Fused N,O-Heterocycles through Rh(III)-Catalyzed Cascade Reactions of Aromatic/Vinyl α -Alkoxy Amides with α -Hydroxyalkynoates. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2613-2620.	4.3	62
7	One-Pot Cascade Reactions Leading to Pyrido[2,1-b:3,4-b']imidazo[1,2-a]quinolines under Bimetallic Relay Catalysis with Air as the Oxidant. <i>Journal of Organic Chemistry</i> , 2016, 81, 6357-6363.	3.2	50
8	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
9	Synthesis of maleimide fused benzocarbazoles and imidazo[1,2-a]pyridines via rhodium(III)-catalyzed [4 + 2] oxidative cycloaddition. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3698-3704.	4.5	41
10	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
11	Hydroxyl-Directed Rhodium-Catalyzed C-H Bond Activation and Cyclization Leading to Naphtho[1,8-bc]pyran Derivatives and its Analogues. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2113-2118.	4.3	29
12	Tunable Synthesis of Indolo[3,2-c]quinolines or 3-(2-Aminophenyl)quinolines via Aerobic/Anaerobic Dimerization of 2-Alkynylanilines. <i>Organic Letters</i> , 2019, 21, 4996-5001.	4.6	27
13	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
14	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. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1281-1285.	4.3	23
15	Synthesis of naphtho[1,2-b:4,5-b']imidazo[1,2-a]pyridines via Rh(III)-catalyzed C-H functionalization of 2-arylimidazo[1,2-a]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
16	Synthesis of fused imidazo[1,2-a]pyridines derivatives through cascade C(sp ²)-H functionalizations. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9140-9150.	2.8	19
17	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-bc]pyrans. <i>Tetrahedron Letters</i> , 2018, 59, 3094-3099.	1.4	16
18	Tunable Synthesis of Indeno[1,2-c]furans and 3-Benzoylindenones via FeCl ₃ -Catalyzed Carbene/Alkyne Metathesis Reaction of α -Alkynylbenzoyl Diazoacetates. <i>Organic Letters</i> , 2021, 23, 388-393.	4.6	9

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19	FeCl ₃ -catalyzed C-3 functionalization of imidazo[1,2-a]pyridines with diazoacetonitrile under oxidant- and ligand-free conditions. <i>Tetrahedron Letters</i> , 2020, 61, 151774.	1.4	8
20	Rh(III)-Catalyzed Reaction of 2-Aryl-3-acetyl-1 <i>H</i> -indoles with α -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