Nonclassical Routes for Amide Bond Formation

Chemical Reviews

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Citation Report

#	Article	IF	Citations
3	Mechanistic Elucidation of Zirconium-Catalyzed Direct Amidation. Journal of the American Chemical Society, 2017, 139, 2286-2295.	6.6	70
4	A Cross-Coupling Approach to Amide Bond Formation from Esters. ACS Catalysis, 2017, 7, 2176-2180.	5.5	124
5	Solvent-, and Catalyst-free Acylation of Anilines with Meldrum's Acids: ANeat Access to Anilides. ChemistrySelect, 2017, 2, 1770-1773.	0.7	10
6	Chemoselective N-acetylation of primary aliphatic amines promoted by pivalic or acetic acid using ethyl acetate as an acetyl donor. Tetrahedron Letters, 2017, 58, 1181-1184.	0.7	7
7	A General Method for Two-Step Transamidation of Secondary Amides Using Commercially Available, Air- and Moisture-Stable Palladium/NHC (N-Heterocyclic Carbene) Complexes. Organic Letters, 2017, 19, 2158-2161.	2.4	138
8	An Efficient Oneâ€“pot Procedure for the Direct Preparation of 4,5â€Dihydroisoxazoles from Amides. Advanced Synthesis and Catalysis, 2017, 359, 1990-1995.	2.1	40
9	Design of Boronic Acidâ€“Base Complexes as Reusable Homogeneous Catalysts in Dehydrative Condensations between Carboxylic Acids and Amines. Asian Journal of Organic Chemistry, 2017, 6, 1191-1194.	1.3	22
10	Ni-Catalyzed Reductive Cross-Coupling of Amides with Aryl Iodide Electrophiles via Câ€“N Bond Activation. Organic Letters, 2017, 19, 2536-2539.	2.4	101
11	Cp*Rh^{III}â€Catalyzed Directed Amidation of Aldehydes with Anthranils. European Journal of Organic Chemistry, 2017, 2017, 3699-3706.	1.2	35
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16	Synthesis of N-acetoxy-N-arylamides via diacetoxyiodobenzene promoted double acylation reaction of hydroxylamines with aldehydes. Organic and Biomolecular Chemistry, 2017, 15, 5337-5344.	1.5	4
17	Direct N-acylation of sulfoximines with carboxylic acids catalyzed by the B₃NO₂ heterocycle. Chemical Communications, 2017, 53, 7447-7450.	2.2	20
18	Exploring chemoselective S-to-N acyl transfer reactions in synthesis and chemical biology. Nature Communications, 2017, 8, 15655.	5.8	78
19	Amine Activation: Nâ€Arylamino Acid Amide Synthesis from Isothioureas and Amino Acids. Advanced Synthesis and Catalysis, 2017, 359, 2481-2498.	2.1	15
20	Metalâ€Free Synthesis of Nâ€Aryl Amides using Organocatalytic Ringâ€Opening Aminolysis of Lactones. ChemSusChem, 2017, 10, 1969-1975.	3.6	23

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22	Sequential Oneâ€Pot Synthesis of Dipeptides through the Transient Formation of CDIâ€Nâ€Protected Î±â€Aminoesters. Advanced Synthesis and Catalysis, 2017, 359, 1963-1968.	2.1	13
23	Facile synthesis of N-acyl 2-aminobenzothiazoles by NHC-catalyzed direct oxidative amidation of aldehydes. Chemical Communications, 2017, 53, 1478-1481.	2.2	31
24	Nickel/Photoredox-Catalyzed Amidation via Alkylsilicates and Isocyanates. ACS Catalysis, 2017, 7, 7957-7961.	5.5	56
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