Jie An

List of Publications by Year
in descending order

28	1,104	430874	501196
papers	citations	18 h-index	28 g-index

28	28	28	929
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalytic Phosphorus(V)-Mediated Nucleophilic Substitution Reactions: Development of a Catalytic Appel Reaction. Journal of Organic Chemistry, 2011, 76, 6749-6767.	3.2	169
2	Suzukiâ€“Miyaura cross-coupling of amides and esters at room temperature: correlation with barriers to rotation around Câ€“N and Câ€“O bonds. Chemical Science, 2017, 8, 6525-6530.	7.4	148
3	Phosphine oxide-catalysed chlorination reactions of alcohols under Appel conditions. Chemical Communications, 2010, 46, 3025.	4.1	125
4	Pd-PEPPSI: Pd-NHC Precatalyst for Suzukiâ€“Miyaura Cross-Coupling Reactions of Amides. Journal of Organic Chemistry, 2017, 82, 6638-6646.	3.2	102
5	A Practical and Chemoselective Ammonia-Free Birch Reduction. Organic Letters, 2018, 20, 3439-3442.	4.6	74
6	General Method for the Suzukiâ€“Miyaura Cross-Coupling of Primary Amide-Derived Electrophiles Enabled by [Pd(NHC)(cin)Cl] at Room Temperature. Organic Letters, 2017, 19, 6510-6513.	4.6	60
7	Reduction and Reductive Deuteration of Tertiary Amides Mediated by Sodium Dispersions with Distinct Proton Donor-Dependent Chemoselectivity. Journal of Organic Chemistry, 2018, 83, 6006-6014.	3.2	39
8	2â€Methyltetrahydrofuran (2â€MeTHF): A Green Solvent for Pdâ^'NHCâ€Catalyzed Amide and Ester Suzukiâ€Miyaura Crossâ€Coupling by Nâ^'C/Oâ^'C Cleavage. Advanced Synthesis and Catalysis, 2019, 361, 5654-5660.	4.3	37
9	Construction of C-C bonds via photoreductive coupling of ketones and aldehydes in the metal-organic-framework MFM-300(Cr). Nature Communications, 2021, 12, 3583.	12.8	35
10	Transition-Metal-Free, Selective Reductive Deuteration of Terminal Alkynes with Sodium Dispersions and EtOD-d₁. Organic Letters, 2018, 20, 3010-3013.	4.6	34
11	Development of a Modified Bouveaultâ€“Blanc Reduction for the Selective Synthesis of Î±,Î±-Dideuterio Alcohols. Journal of Organic Chemistry, 2017, 82, 1285-1290.	3.2	33
12	Reductive Deuteration of Nitriles: The Synthesis of Î±,Î±-Dideuterio Amines by Sodium-Mediated Electron Transfer Reactions. Journal of Organic Chemistry, 2018, 83, 12269-12274.	3.2	31
13	A selective and cost-effective method for the reductive deuteration of activated alkenes. Tetrahedron Letters, 2017, 58, 2757-2760.	1.4	27
14	Evaluating a Sodium Dispersion Reagent for the Bouveaultâ€“Blanc Reduction of Esters. Journal of Organic Chemistry, 2014, 79, 6743-6747.	3.2	25
15	Design, synthesis and antifungal/<scp>antiâ€oomycete</scp> activity of pyrazolyl oxime ethers as novel potential succinate dehydrogenase inhibitors. Pest Management Science, 2021, 77, 3910-3920.	3.4	21
16	Reductive Deuteration of Nitriles Using D₂O as a Deuterium Source. Journal of Organic Chemistry, 2019, 84, 15098-15105.	3.2	20
17	Pentafluorophenyl Esters: Highly Chemoselective Ketyl Precursors for the Synthesis of Î±,Î±-Dideuterio Alcohols Using SmI₂ and D₂O as a Deuterium Source. Organic Letters, 2020, 22, 1249-1253.	4.6	20
18	Reductive Deuteration of Aromatic Esters for the Synthesis of Î±,Î±-Dideuterio Benzyl Alcohols Using D2O as Deuterium Source. Synlett, 2021, 32, 51-56.	1.8	19

#	Article	IF	Citations
19	Reductive Cleavage of Unactivated Carbonâ€“Cyano Bonds under Ammonia-Free Birch Conditions. Journal of Organic Chemistry, 2019, 84, 15827-15833.	3.2	18
20	Synthesis of Î±-Deuterated Primary Amines via Reductive Deuteration of Oximes Using D₂O as a Deuterium Source. Journal of Organic Chemistry, 2021, 86, 2907-2916.	3.2	15
21	Acyl fluorides as direct precursors to fluoride ketyl radicals: reductive deuteration using SmI₂ and D₂O. Chemical Communications, 2021, 57, 5195-5198.	4.1	11
22	Selective C-N Ïƒ Bond Cleavage in Azetidinyl Amides under Transition Metal-Free Conditions. Molecules, 2019, 24, 459.	3.8	10
23	Methanol as the C₁ source: redox coupling of nitrobenzenes and alcohols for the synthesis of benzimidazoles. Green Chemistry, 2022, 24, 748-753.	9.0	10
24	Tandem H/D Exchange-SET Reductive Deuteration Strategy for the Synthesis of Î±,Î²-Deuterated Amines Using D₂O. Journal of Organic Chemistry, 2021, 86, 11862-11870.	3.2	7
25	Synthesis of Î±-Deuterioalcohols by Single-Electron Umpolung Reductive Deuteration of Carbonyls Using D2O as Deuterium Source. Synlett, 2021, 32, 1241-1245.	1.8	6
26	Protocol for Palladium/N-Heterocyclic Carbene-Catalyzed Suzukiâ€“Miyaura Cross-Coupling of Amides by Nâ€“C(O) Activation. Synthesis, 2021, 53, 682-687.	2.3	5
27	Pentafluorophenyl Group as Activating Group: Synthesis of Î±â€Deuterio Carboxylic Acid Derivatives via Et₃N Catalyzed H/D Exchange. Advanced Synthesis and Catalysis, 2022, 364, 2184-2189.	4.3	2
28	A Reductive Deuteration Approach to the Efficient Synthesis of Deuterated Polymers. Synlett, 2022, 33, 771-776.	1.8	1