

Ai-E Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Direct Transformation of Secondary Amides into Secondary Amines: Triflic Anhydride Activated Reductive Alkylation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8314-8317.	13.8	194
2	Versatile and Direct Transformation of Secondary Amides into Ketones by Deaminative Alkylation with Organocerium Reagents. <i>Asian Journal of Organic Chemistry</i> , 2012, 1, 130-132.	2.7	73
3	Enantioselective Reductive Cyanation and Phosphonylation of Secondary Amides by Iridium and Chiral Thiourea Sequential Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8827-8831.	13.8	55
4	Tertiary amide-based Knoevenagel-type reactions: a direct, general, and chemoselective approach to enamines. <i>Chemical Communications</i> , 2014, 50, 8761.	4.1	42
5	General and Chemoselective Bisphosphonylation of Secondary and Tertiary Amides. <i>Organic Letters</i> , 2015, 17, 732-735.	4.6	33
6	Bioinspired Step-Economical, Redox-Economical and Protecting-Group-Free Enantioselective Total Syntheses of (â)â€œChaetominine and Analogues. <i>Chinese Journal of Chemistry</i> , 2014, 32, 757-770.	4.9	30
7	Chiral imidazo[1,5-a]tetrahydroquinoline N-heterocyclic carbenes and their copper complexes for asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 492-498.	1.8	26
8	Titanocene(III)-Catalyzed Three-Component Reaction of Secondary Amides, Aldehydes, and Electrophilic Alkenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13739-13742.	13.8	24
9	Enamines as Surrogates of Alkene Carbanions for the Reductive Alkenylation of Secondary Amides: An Approach to Allylamines. <i>Organic Letters</i> , 2018, 20, 999-1002.	4.6	20
10	Chemoselective Synthesis of Î±-Amino-Î±-cyanophosphonates by Reductive Gem-Cyanation-Phosphonylation of Secondary Amides. <i>Organic Letters</i> , 2019, 21, 3808-3812.	4.6	19
11	Enantioselective Reductive Cyanation and Phosphonylation of Secondary Amides by Iridium and Chiral Thiourea Sequential Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 8909-8913.	2.0	15
12	Efficient asymmetric syntheses of alkaloids and medicinally relevant molecules based on heterocyclic chiral building blocks. <i>Pure and Applied Chemistry</i> , 2014, 86, 1227-1235.	1.9	13
13	Tf ₂ O-Mediated Intermolecular Coupling of Secondary Amides with Enamines or Ketones: A Versatile and Direct Access to Î²-Enaminones. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7169-7174.	2.4	8
14	Enamines as Surrogates of Alkyl Carbanions for the Direct Conversion of Secondary Amides to Î±-Branched Ketones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 971-975.	4.3	7
15	Design and Synthesis of Camphor-derived Chiral [1,2,4]Triazolo[4,3-a]tetrahydroquinoline N-Heterocyclic Carbene Precursors by Pd-Catalyzed Coupling Reactions of Aryl Hydrazides with a Pyridyl Triflate Derivative. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 294-298.	2.7	6
16	Catalytic diastereoselective and enantioconvergent C(sp ³)-C(sp ³) cross-coupling of racemic partners. <i>Science China Chemistry</i> , 2020, 63, 871-872.	8.2	1