Kai-Jiong Xiao

List of Publications by Year
in descending order

23	2,206	331670 21	552781 26
papers	citations	h-index	g-index

38	38	38	1582
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pd(II)-Catalyzed Phosphorylation of Aryl Câ€“H Bonds. Journal of the American Chemical Society, 2013, 135, 9322-9325.	13.7	280
2	Direct, Oneâ€pot Sequential Reductive Alkylation of Lactams/Amides with Grignard and Organolithium Reagents through Lactam/Amide Activation. Angewandte Chemie - International Edition, 2010, 49, 3037-3040.	13.8	246
3	Palladium(II)-Catalyzed Enantioselective C(sp³)â€“H Activation Using a Chiral Hydroxamic Acid Ligand. Journal of the American Chemical Society, 2014, 136, 8138-8142.	13.7	231
4	Room-temperature enantioselective Câ€“H iodination via kinetic resolution. Science, 2014, 346, 451-455.	12.6	198
5	Direct Transformation of Secondary Amides into Secondary Amines: Triflic Anhydride Activated Reductive Alkylation. Angewandte Chemie - International Edition, 2012, 51, 8314-8317.	13.8	194
6	Versatile Oneâ€Pot Reductive Alkylation of Lactams/Amides via Amide Activation: Application to the Concise Syntheses of Bioactive Alkaloids (Â±)â€Bgugaine, (Â±)â€Coniine, (+)â€Preussin, and (â^')â€Cassine. Chemistry - A European Journal, 2010, 16, 12792-12796.	3.3	105
7	Ligandâ€Enabled Arylation of Î³â€Câ^'H Bonds. Angewandte Chemie - International Edition, 2016, 55, 4317-4321.	13.8	101
8	Enantioselective Câ^'H Olefination of Î±â€Hydroxy and Î±â€Amino Phenylacetic Acids by Kinetic Resolution. Angewandte Chemie - International Edition, 2016, 55, 2856-2860.	13.8	99
9	General Oneâ€Pot Reductive gemâ€Bisâ€Alkylation of Tertiary Lactams/Amides: Rapid Construction of 1â€Azaspirocycles and Formal Total Synthesis of (Â±)â€Cephalotaxine. Chemistry - A European Journal, 2013, 19, 13075-13086.	3.3	82
10	Kinetic Resolution of Benzylamines via Palladium(II)-Catalyzed Câ€“H Cross-Coupling. Journal of the American Chemical Society, 2016, 138, 7796-7800.	13.7	79
11	A General Method for the One-Pot Reductive Functionalization of Secondary Amides. Journal of Organic Chemistry, 2015, 80, 2861-2868.	3.2	75
12	Versatile and Direct Transformation of Secondary Amides into Ketones by Deaminative Alkylation with Organocerium Reagents. Asian Journal of Organic Chemistry, 2012, 1, 130-132.	2.7	73
13	Metal-Free Intermolecular Coupling of Arenes with Secondary Amides: Chemoselective Synthesis of Aromatic Ketimines and Ketones, and N-Deacylation of Secondary Amides. Journal of Organic Chemistry, 2016, 81, 9020-9027.	3.2	54
14	A Direct and General Method for the Reductive Alkylation of Tertiary Lactams/Amides: Application to the Step Economical Synthesis of Alkaloid (â^')-Morusimic Acid D. Journal of Organic Chemistry, 2013, 78, 8305-8311.	3.2	46
15	Tertiary amide-based Knoevenagel-type reactions: a direct, general, and chemoselective approach to enaminones. Chemical Communications, 2014, 50, 8761.	4.1	42
16	Ligandâ€Enabled Arylation of Î³â€Câ^'H Bonds. Angewandte Chemie, 2016, 128, 4389-4393.	2.0	33
17	A general method for the direct transformation of common tertiary amides into ketones and amines by addition of Grignard reagents. Tetrahedron, 2015, 71, 4248-4254.	1.9	30
18	Enantioselective Câ^'H Olefination of Î±â€Hydroxy and Î±â€Amino Phenylacetic Acids by Kinetic Resolution. Angewandte Chemie, 2016, 128, 2906-2910.	2.0	23

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19	A concise and divergent approach to radicamine B and hyacinthacine A3 based on a step-economic transformation. Tetrahedron, 2012, 68, 5297-5302.	1.9	22
20	The first enantioselective total synthesis of (+)-preussin B and an improved synthesis of (+)-preussin by step-economical methods. Science China Chemistry, 2015, 58, 478-482.	8.2	21
21	Benzylic Photobromination for the Synthesis of Belzutifan: Elucidation of Reaction Mechanisms Using In Situ LED-NMR. Journal of Organic Chemistry, 2022, 87, 2055-2062.	3.2	19
22	Chemo- and diastereoselective control for a flexible approach to (5S,6S)-6-alkyl-5-benzyloxy-2-piperidinones. Tetrahedron, 2009, 65, 3834-3841.	1.9	11
23	An enantioselective synthesis of (+)-azimic acid. Tetrahedron: Asymmetry, 2009, 20, 1181-1184.	1.8	8