

Xiao Zhang

List of Publications by Year in descending order

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12
papers

420
citations

1040056

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h-index

1199594

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g-index

13
all docs

13
docs citations

13
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergent synthesis of complex diterpenes through a hybrid oxidative approach. <i>Science</i> , 2020, 369, 799-806.	12.6	89
2	Total Synthesis of Tambromycin by Combining Chemocatalytic and Biocatalytic C ^α H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5037-5041.	13.8	75
3	Total Synthesis of (±)-satisine...A. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6164-6166.	13.8	66
4	Asymmetric Chemoenzymatic Synthesis of (±)-Podophyllotoxin and Related Aryltetralin Lignans. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11657-11660.	13.8	54
5	Enzymatic C-H functionalizations for natural product synthesis. <i>Current Opinion in Chemical Biology</i> , 2019, 49, 25-32.	6.1	43
6	Cytochrome P450-Catalyzed Hydroxylation Initiating Ether Formation in Platensimycin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2018, 140, 12349-12353.	13.7	31
7	Cryptic and Stereospecific Hydroxylation, Oxidation, and Reduction in Platensimycin and Platencin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 4043-4050.	13.7	25
8	Total Synthesis of Tambromycin by Combining Chemocatalytic and Biocatalytic C ^α H Functionalization. <i>Angewandte Chemie</i> , 2018, 130, 5131-5135.	2.0	14
9	Asymmetric Chemoenzymatic Synthesis of (±)-Podophyllotoxin and Related Aryltetralin Lignans. <i>Angewandte Chemie</i> , 2019, 131, 11783-11786.	2.0	10
10	Efficient chemoenzymatic synthesis of (2S,3R)-3-hydroxy-3-methylproline, a key fragment in polyoxypeptin A and FR225659. <i>Tetrahedron</i> , 2019, 75, 3253-3257.	1.9	7
11	Mild Friedel-Crafts Reactions Enable a Robust Synthesis of Roseophilin. <i>Organic Letters</i> , 2019, 21, 3357-3360.	4.6	5
12	A dual C ^α H functionalization strategy for the total synthesis of tambromycin. <i>Strategies and Tactics in Organic Synthesis</i> , 2019, 14, 187-206.	0.1	1