

Wang Yao

List of Publications by Year in descending order

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Version: 2024-02-01

15
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#	ARTICLE	IF	CITATIONS
1	Photocatalytic Radical Aroylation of Unactivated Alkenes: Pathway to β^2 -Functionalized 1,4-, 1,6-, and 1,7-Diketones. ACS Catalysis, 2019, 9, 10358-10364.	11.2	66
2	Interrupted Pummerer Reaction in Latent α -Active Glycosylation: Glycosyl Donors with a Recyclable and Regenerative Leaving Group. Angewandte Chemie - International Edition, 2015, 54, 14432-14436.	13.8	63
3	Excited-State Palladium-Catalyzed 1,2-Spin-Center Shift Enables Selective C-2 Reduction, Deuteration, and Iodination of Carbohydrates. Journal of the American Chemical Society, 2021, 143, 1728-1734.	13.7	63
4	3α -Aminodeoxyripanoses in Glycosylation: Diversity-Oriented Synthesis and Assembly in Oligosaccharides. Angewandte Chemie - International Edition, 2017, 56, 5227-5231.	13.8	55
5	Stereoselective Synthesis of β -Linked 2-Deoxy Glycosides Enabled by Visible-Light-Mediated Reductive Deiodination. Chemistry - A European Journal, 2014, 20, 17319-17323.	3.3	52
6	Asymmetric Photocatalysis Enabled by Chiral Organocatalysts. ChemCatChem, 2022, 14, .	3.7	46
7	Excited-State Palladium-Catalyzed Radical Migratory Mizoroki-Heck Reaction Enables C2-Alkenylation of Carbohydrates. Journal of the American Chemical Society, 2022, 144, 3353-3359.	13.7	41
8	Nickel-Catalyzed Radical Migratory Coupling Enables C-2 Arylation of Carbohydrates. Journal of the American Chemical Society, 2021, 143, 8590-8596.	13.7	36
9	Glycosylation via remote activation of anomeric leaving groups: development of 2-(2-propylsulfinyl)benzyl glycosides as novel glycosyl donors. Organic Chemistry Frontiers, 2016, 3, 177-183.	4.5	27
10	C2-ketonylation of carbohydrates <i>via</i> excited-state palladium-catalyzed 1,2-spin-center shift. Chemical Science, 2022, 13, 6276-6282.	7.4	20
11	Diversified synthesis and β -selective glycosylation of 3-amino-2,3,6-trideoxy sugars. Organic Chemistry Frontiers, 2018, 5, 3391-3395.	4.5	11
12	3α -Aminodeoxyripanoses in Glycosylation: Diversity-Oriented Synthesis and Assembly in Oligosaccharides. Angewandte Chemie, 2017, 129, 5311-5315.	2.0	7
13	Practical synthesis of 2-deoxy sugars <i>via</i> metal free deiodination reactions. Journal of Carbohydrate Chemistry, 2021, 40, 454-478.	1.1	2
14	Anwulignan Alleviates Carbon Tetrachloride-Induced Acute Liver Injury in Mice. Natural Product Communications, 2020, 15, 1934578X2096267.	0.5	1
15	Titelbild: 3α -Aminodeoxyripanoses in Glycosylation: Diversity-Oriented Synthesis and Assembly in Oligosaccharides (Angew. Chem. 19/2017). Angewandte Chemie, 2017, 129, 5215-5215.	2.0	0