

Wang Yao

List of Publications by Year in descending order

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15
papers

495
citations

933447

10
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

334
citing authors

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