

Guozhi Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

512
citations

840776

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888059

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18
all docs

18
docs citations

18
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Site-Selective Acylation of Carbohydrates Directed by Cation-π Interaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 4346-4349.	13.7	75
2	Chiral reagents in glycosylation and modification of carbohydrates. <i>Chemical Society Reviews</i> , 2018, 47, 681-701.	38.1	67
3	Glycosyl ortho-(1-phenylvinyl)benzoates versatile glycosyl donors for highly efficient synthesis of both O-glycosides and nucleosides. <i>Nature Communications</i> , 2020, 11, 405.	12.8	57
4	Chemical synthesis of marine saponins. <i>Natural Product Reports</i> , 2019, 36, 769-787.	10.3	55
5	Merging Reagent Modulation and Remote Anchimeric Assistance for Glycosylation: Highly Stereoselective Synthesis of 1,2-Glycans up to a 30-member. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12597-12606.	13.8	47
6	Total Synthesis of Starfish Saponin Goniopectenoside...B. <i>Chemistry - A European Journal</i> , 2013, 19, 7708-7712.	3.3	38
7	Orthogonal One-Pot Synthesis of Oligosaccharides Based on Glycosyl ortho-Alkynylbenzoates. <i>Organic Letters</i> , 2019, 21, 2335-2339.	4.6	36
8	Modular Synthesis of Nona-Decasaccharide Motif from <i>Psidium guajava</i> Polysaccharides: Orthogonal One-Pot Glycosylation Strategy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7576-7584.	13.8	34
9	An orthogonal and reactivity-based one-pot glycosylation strategy for both glycan and nucleoside synthesis: access to TMG-chitotriomycin, lipochitooligosaccharides and capuramycin. <i>Chemical Science</i> , 2021, 12, 5143-5151.	7.4	32
10	Adamantyl Group Directed Site-Selective Acylation: Applications in Streamlined Assembly of Oligosaccharides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9542-9546.	13.8	20
11	Total synthesis of <i>Lentinus giganteus</i> glycans with antitumor activities via stereoselective 1,2-glycosylation and orthogonal one-pot glycosylation strategies. <i>Chemical Science</i> , 2022, 13, 7755-7764.	7.4	13
12	Ortho-(1-phenylvinyl)benzyl glycosides: Ether-type glycosyl donors for the efficient synthesis of both O-glycosides and nucleosides. <i>Green Synthesis and Catalysis</i> , 2020, 1, 160-166.	6.8	11
13	Modular Synthesis of Nona-Decasaccharide Motif from <i>Psidium guajava</i> Polysaccharides: Orthogonal One-Pot Glycosylation Strategy. <i>Angewandte Chemie</i> , 2020, 132, 7646-7654.	2.0	7
14	Merging Reagent Modulation and Remote Anchimeric Assistance for Glycosylation: Highly Stereoselective Synthesis of 1,2-Glycans up to a 30-member. <i>Angewandte Chemie</i> , 2021, 133, 12705-12714.	2.0	6
15	A One-Pot Synthesis of Glycans and Nucleosides Based on ortho-(1-Phenylvinyl)benzyl Glycosides. <i>Organic Letters</i> , 2021, 23, 8257-8261.	4.6	6
16	Chemical Synthesis of the Nucleoside Antibiotic Capuramycin. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3681-3689.	2.4	5
17	Adamantyl Group Directed Site-Selective Acylation: Applications in Streamlined Assembly of Oligosaccharides. <i>Angewandte Chemie</i> , 2019, 131, 9642-9646.	2.0	2
18	Chemical synthesis of TMG-chitotriomycin. <i>Journal of Carbohydrate Chemistry</i> , 0, , 1-12.	1.1	1