

Jian Gao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

340
citations

840776

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docs citations

19
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389
citing authors

#	ARTICLE	IF	CITATIONS
1	Labeling Cell Surface GPIs and GPI-Anchored Proteins through Metabolic Engineering with Artificial Inositol Derivatives. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9679-9682.	13.8	38
2	Chemical Synthesis of the Repeating Unit of Type V Group B <i>Streptococcus</i> Capsular Polysaccharide. <i>Organic Letters</i> , 2016, 18, 5552-5555.	4.6	36
3	Progress in the synthesis and biological evaluation of lipid A and its derivatives. <i>Medicinal Research Reviews</i> , 2018, 38, 556-601.	10.5	33
4	Efficient synthesis of trisaccharide saponins and their tumor cell killing effects through oncotic necrosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 622-627.	2.2	31
5	Synthesis of a Tristearoyl Lipomannan via Preactivation-Based Iterative One-Pot Glycosylation. <i>Journal of Organic Chemistry</i> , 2013, 78, 12717-12725.	3.2	27
6	Synthesis of a Miniature Lipoarabinomannan. <i>Organic Letters</i> , 2014, 16, 988-991.	4.6	27
7	Efficient Strategy for α -Selective Glycosidation of β -Glucosamine and Its Application to the Synthesis of a Bacterial Capsular Polysaccharide Repeating Unit Containing Multiple α -Linked GlcNAc Residues. <i>Organic Letters</i> , 2020, 22, 1520-1524.	4.6	27
8	Chemical Synthesis of the Repeating Unit of Type II Group B <i>Streptococcus</i> Capsular Polysaccharide. <i>Journal of Organic Chemistry</i> , 2018, 83, 5920-5930.	3.2	21
9	A new method for α -specific glucosylation and its application to the one-pot synthesis of a branched α -glucan. <i>Organic Chemistry Frontiers</i> , 2019, 6, 762-772.	4.5	20
10	One-Pot Synthesis of the Repeating Unit of Type VII Group B <i>Streptococcus</i> Polysaccharide and the Dimer. <i>Organic Letters</i> , 2019, 21, 2374-2377.	4.6	14
11	Facile synthesis of triterpenoid saponins bearing β -Glu/Gal-(1 \rightarrow 3)- β -GluA methyl ester and their cytotoxic activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2396-2400.	2.2	12
12	Synthesis and cytotoxic effect of pseudodiosgenyl saponins with thio-ring F. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1600-1604.	2.2	11
13	Carbohydrate α -benzylation through trialkylsilane-mediated reductive etherification. <i>Journal of Carbohydrate Chemistry</i> , 2018, 37, 327-346.	1.1	8
14	Per- α -Benzylated Ethyl 5- α -Acetyl- α -thiosialoside as a Glycosyl Donor for α -Silylation. <i>Journal of Carbohydrate Chemistry</i> , 2018, 37, 370-382.	1.1	7
15	Chemical synthesis of the dimeric repeating unit of type Ia group B <i>Streptococcus</i> capsular polysaccharide. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5839-5848.	2.8	7
16	Total Synthesis of the Tetrasaccharide Haptens of <i>Vibrio vulnificus</i> MO6-24 and BO62316 and Immunological Evaluation of Their Protein Conjugates. <i>JACS</i> , 2022, 2, 97-108.	7.9	7
17	Stereoselective synthesis of a branched α -decaglycan. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6549-6557.	2.8	5
18	Synthesis of biotin-labelled core glycans of GPI anchors and their application in the study of GPI interaction with pore-forming bacterial toxins. <i>Chemical Communications</i> , 2017, 53, 6227-6230.	4.1	3