

Xiaoyang Guan

List of Publications by Year in descending order

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papers

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932766

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Glycoengineering: An Approach for Improving Protein Properties. <i>Frontiers in Chemistry</i> , 2020, 8, 622.	1.8	51
2	Total Synthesis of Human Galanin-Like Peptide through an Aspartic Acid Ligation. <i>Organic Letters</i> , 2013, 15, 6128-6131.	2.4	38
3	Molecular-scale features that govern the effects of O-glycosylation on a carbohydrate-binding module. <i>Chemical Science</i> , 2015, 6, 7185-7189.	3.7	30
4	Structural Insight into the Stabilizing Effect of O-Glycosylation. <i>Biochemistry</i> , 2017, 56, 2897-2906.	1.2	29
5	Chemically Precise Glycoengineering Improves Human Insulin. <i>ACS Chemical Biology</i> , 2018, 13, 73-81.	1.6	27
6	The impact of <i>O</i> -glycan chemistry on the stability of intrinsically disordered proteins. <i>Chemical Science</i> , 2018, 9, 3710-3715.	3.7	23
7	Using Chemical Synthesis To Study and Apply Protein Glycosylation. <i>Biochemistry</i> , 2018, 57, 413-428.	1.2	20
8	<i>O</i> -glycosylation effects on family 1 carbohydrate-binding module solution structures. <i>FEBS Journal</i> , 2015, 282, 4341-4356.	2.2	18
9	Quantitative Effects of O-Linked Glycans on Protein Folding. <i>Biochemistry</i> , 2017, 56, 4539-4548.	1.2	14
10	Carbohydrate-binding module <i>O</i> -mannosylation alters binding selectivity to cellulose and lignin. <i>Chemical Science</i> , 2020, 11, 9262-9271.	3.7	13
11	New Methods for Chemical Protein Synthesis. <i>Topics in Current Chemistry</i> , 2014, 363, 155-192.	4.0	8
12	Chemical Synthesis of the Multiply Phosphorylated and Biotinylated N-Terminal Transactivation Domain of Human p53 (p53TAD). <i>Synlett</i> , 2017, 28, 1917-1922.	1.0	6
13	Multimodal Recognition of Diverse Peptides by the C-Terminal SH2 Domain of Phospholipase C- β 1 Protein. <i>Biochemistry</i> , 2017, 56, 2225-2237.	1.2	5
14	O-GalNAcylation of RANTES Improves Its Properties as a Human Immunodeficiency Virus Type 1 Entry Inhibitor. <i>Biochemistry</i> , 2018, 57, 136-148.	1.2	5
15	Diversity in peptide recognition by the SH2 domain of SH2B1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 164-176.	1.5	5