Xiaoyang Guan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7913412/publications.pdf

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15	292	933264 10	996849 15
papers	citations	h-index	g-index

15	15	15	387
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein Glycoengineering: An Approach for Improving Protein Properties. Frontiers in Chemistry, 2020, 8, 622.	1.8	51
2	Carbohydrate-binding module O-mannosylation alters binding selectivity to cellulose and lignin. Chemical Science, 2020, 11, 9262-9271.	3.7	13
3	Using Chemical Synthesis To Study and Apply Protein Glycosylation. Biochemistry, 2018, 57, 413-428.	1.2	20
4	The impact ofO-glycan chemistry on the stability of intrinsically disordered proteins. Chemical Science, 2018, 9, 3710-3715.	3.7	23
5	O-GalNAcylation of RANTES Improves Its Properties as a Human Immunodeficiency Virus Type 1 Entry Inhibitor. Biochemistry, 2018, 57, 136-148.	1.2	5
6	Chemically Precise Glycoengineering Improves Human Insulin. ACS Chemical Biology, 2018, 13, 73-81.	1.6	27
7	Diversity in peptide recognition by the SH2 domain of SH2B1. Proteins: Structure, Function and Bioinformatics, 2018, 86, 164-176.	1.5	5
8	Multimodal Recognition of Diverse Peptides by the C-Terminal SH2 Domain of Phospholipase C-Î³1 Protein. Biochemistry, 2017, 56, 2225-2237.	1.2	5
9	Structural Insight into the Stabilizing Effect of O-Glycosylation. Biochemistry, 2017, 56, 2897-2906.	1.2	29
10	Chemical Synthesis of the Multiply Phosphorylated and Biotinylated N-Terminal Transactivation Domain of Human p53 (p53TAD). Synlett, 2017, 28, 1917-1922.	1.0	6
11	Quantitative Effects of O-Linked Glycans on Protein Folding. Biochemistry, 2017, 56, 4539-4548.	1.2	14
12	Oâ€glycosylation effects on family 1 carbohydrateâ€binding module solution structures. FEBS Journal, 2015, 282, 4341-4356.	2.2	18
13	Molecular-scale features that govern the effects of O-glycosylation on a carbohydrate-binding module. Chemical Science, 2015, 6, 7185-7189.	3.7	30
14	New Methods for Chemical Protein Synthesis. Topics in Current Chemistry, 2014, 363, 155-192.	4.0	8
15	Total Synthesis of Human Galanin-Like Peptide through an Aspartic Acid Ligation. Organic Letters, 2013, 15, 6128-6131.	2.4	38