

Christina M Woo

List of Publications by Citations

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32
papers

707
citations

13
h-index

26
g-index

41
ext. papers

1,080
ext. citations

9
avg, IF

4.62
L-index

#	Paper	IF	Citations
32	Isotope-targeted glycoproteomics (IsoTaG): a mass-independent platform for intact N- and O-glycopeptide discovery and analysis. <i>Nature Methods</i> , 2015 , 12, 561-7	21.6	181
31	Mapping and Quantification of Over 2000 O-linked Glycopeptides in Activated Human T Cells with Isotope-Targeted Glycoproteomics (Isotag). <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 764-775	7.6	90
30	Development of IsoTaG, a Chemical Glycoproteomics Technique for Profiling Intact N- and O-Glycopeptides from Whole Cell Proteomes. <i>Journal of Proteome Research</i> , 2017 , 16, 1706-1718	5.6	62
29	Small Molecule Interactome Mapping by Photoaffinity Labeling Reveals Binding Site Hotspots for the NSAIDs. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4259-4268	16.4	49
28	Engineering a Proximity-Directed O-GlcNAc Transferase for Selective Protein O-GlcNAcylation in Cells. <i>ACS Chemical Biology</i> , 2020 , 15, 1059-1066	4.9	38
27	Labeling Preferences of Diazirines with Protein Biomolecules. <i>Journal of the American Chemical Society</i> , 2021 , 143, 6691-6700	16.4	32
26	The Metabolic Chemical Reporter 6-Azido-6-deoxy-glucose Further Reveals the Substrate Promiscuity of O-GlcNAc Transferase and Catalyzes the Discovery of Intracellular Protein Modification by O-Glucose. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7092-7100	16.4	31
25	Aspartate Residues Far from the Active Site Drive O-GlcNAc Transferase Substrate Selection. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12974-12978	16.4	30
24	A Binding Site Hotspot Map of the FKBP12-Rapamycin-FRB Ternary Complex by Photoaffinity Labeling and Mass Spectrometry-Based Proteomics. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11759-11764	16.4	20
23	Isotope-targeted glycoproteomics (IsoTaG) analysis of sialylated N- and O-glycopeptides on an Orbitrap Fusion Tribrid using azido and alkynyl sugars. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 579-588	4.4	20
22	A metabolic labeling approach for glycoproteomic analysis reveals altered glycoprotein expression upon GALNT3 knockdown in ovarian cancer cells. <i>Journal of Proteomics</i> , 2016 , 145, 91-102	3.9	17
21	Community evaluation of glycoproteomics informatics solutions reveals high-performance search strategies for serum glycopeptide analysis. <i>Nature Methods</i> , 2021 , 18, 1304-1316	21.6	16
20	Mapping the Small Molecule Interactome by Mass Spectrometry. <i>Biochemistry</i> , 2018 , 57, 186-193	3.2	15
19	O-Acetylated Chemical Reporters of Glycosylation Can Display Metabolism-Dependent Background Labeling of Proteins but Are Generally Reliable Tools for the Identification of Glycoproteins. <i>Frontiers in Chemistry</i> , 2020 , 8, 318	5	13
18	Synthesis of an electronically-tuned minimally interfering alkynyl photo-affinity label to measure small molecule-protein interactions. <i>Tetrahedron</i> , 2018 , 74, 3273-3277	2.4	12
17	Target protein deglycosylation in living cells by a nanobody-fused split O-GlcNAcase. <i>Nature Chemical Biology</i> , 2021 , 17, 593-600	11.7	12
16	The O-GlcNAc Modification on Kinases. <i>ACS Chemical Biology</i> , 2020 , 15, 602-617	4.9	11

15	Isotope Targeted Glycoproteomics (IsoTaG) to Characterize Intact, Metabolically Labeled Glycopeptides from Complex Proteomes. <i>Current Protocols in Chemical Biology</i> , 2016 , 8, 59-82	1.8	10
14	Discovery of a Celecoxib Binding Site on Prostaglandin E Synthase (PTGES) with a Cleavable Chelation-Assisted Biotin Probe. <i>ACS Chemical Biology</i> , 2019 , 14, 2527-2532	4.9	9
13	Proteomic dataset for altered glycoprotein expression upon GALNT3 knockdown in ovarian cancer cells. <i>Data in Brief</i> , 2016 , 8, 342-9	1.2	6
12	Small Molecule Interactome Mapping by Photo-Affinity Labeling (SIM-PAL) to Identify Binding Sites of Small Molecules on a Proteome-Wide Scale. <i>Current Protocols in Chemical Biology</i> , 2019 , 11, e75	1.8	6
11	Development of Photolenalidomide for Cellular Target Identification.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	4
10	Community Evaluation of Glycoproteomics Informatics Solutions Reveals High-Performance Search Strategies of Serum N- and O-Glycopeptide Data		4
9	Enantioselective Synthesis and Biological Evaluation of Sangliferin A and B and Analogs. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17045-17052	16.4	3
8	A chiral trick to map protein ligandability. <i>Nature Chemistry</i> , 2019 , 11, 1080-1082	17.6	3
7	Truncation of the TPR domain of OGT alters substrate and glycosite selection. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 7385-7399	4.4	2
6	O-GlcNAc Engineering on a Target Protein in Cells with Nanobody-OGT and Nanobody-splitOGA. <i>Current Protocols</i> , 2021 , 1, e117		2
5	A Chemoproteomics Approach to Profile Phospholipase D-Derived Phosphatidyl Alcohol Interactions.. <i>ACS Chemical Biology</i> , 2021 ,	4.9	2
4	The schizophrenia-associated variant in SLC39A8 alters N-glycosylation in the mouse brain		1
3	Discovery of a celecoxib binding site on PTGES with a cleavable chelation-assisted biotin probe		1
2	Enantioselective Synthesis and Biological Evaluation of Sangliferin A and B and Analogs. <i>Angewandte Chemie</i> , 2021 , 133, 17182-17189	3.6	0
1	The Crossroads of Glycoscience, Infection, and Immunology. <i>Frontiers in Microbiology</i> , 2021 , 12, 731008	5.7	0