

Chia-wei Lin

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

959
citations

394421

19
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1501
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategic shotgun proteomics approach for efficient construction of an expression map of targeted protein families in hepatoma cell lines. <i>Proteomics</i> , 2003, 3, 2472-2486.	2.2	89
2	Architecture and function of human uromodulin filaments in urinary tract infections. <i>Science</i> , 2020, 369, 1005-1010.	12.6	81
3	Molecular Analysis of an Alternative N-Glycosylation Machinery by Functional Transfer from <i>Actinobacillus pleuropneumoniae</i> to <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 2170-2179.	3.4	70
4	Comparative transcriptomics of the model mushroom <i>Coprinopsis cinerea</i> reveals tissue-specific armories and a conserved circuitry for sexual development. <i>BMC Genomics</i> , 2014, 15, 492.	2.8	65
5	Analysis of site-specific N-glycan remodeling in the endoplasmic reticulum and the Golgi. <i>Glycobiology</i> , 2015, 25, 1335-1349.	2.5	60
6	Induction of antibacterial proteins and peptides in the coprophilous mushroom <i>Coprinopsis cinerea</i> in response to bacteria. <i>ISME Journal</i> , 2019, 13, 588-602.	9.8	60
7	Substrate Specificity of Cytoplasmic N-Glycosyltransferase. <i>Journal of Biological Chemistry</i> , 2014, 289, 24521-24532.	3.4	48
8	Influence of protein/glycan interaction on site-specific glycan heterogeneity. <i>FASEB Journal</i> , 2017, 31, 4623-4635.	0.5	37
9	Glycosylation profiles determine extravasation and disease-targeting properties of armed antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2000-2005.	7.1	36
10	Cytoplasmic glycoengineering enables biosynthesis of nanoscale glycoprotein assemblies. <i>Nature Communications</i> , 2019, 10, 5403.	12.8	36
11	Mechanistic reconstruction of glycoprotein secretion through monitoring of intracellular N-glycan processing. <i>Science Advances</i> , 2019, 5, eaax8930.	10.3	36
12	Structural characterization of the N-linked pentasaccharide decorating glycoproteins of the halophilic archaeon <i>Haloferax volcanii</i> . <i>Glycobiology</i> , 2016, 26, 745-756.	2.5	35
13	New insights into the functions and N-glycan structures of factor X activator from Russell's viper venom. <i>FEBS Journal</i> , 2008, 275, 3944-3958.	4.7	33
14	Chemo-enzymatic synthesis of lipid-linked GlcNAc2Man5 oligosaccharides using recombinant Alg1, Alg2 and Alg11 proteins. <i>Glycobiology</i> , 2017, 27, 726-733.	2.5	33
15	Highly fucosylated N-glycan ligands for mannan-binding protein expressed specifically on CD26 (DPPVI) isolated from a human colorectal carcinoma cell line, SW1116. <i>Glycobiology</i> , 2008, 19, 437-450.	2.5	32
16	A biosynthetic route for polysialylating proteins in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2017, 44, 293-301.	7.0	31
17	The N-linking glycosylation system from <i>Actinobacillus pleuropneumoniae</i> is required for adhesion and has potential use in glycoengineering. <i>Open Biology</i> , 2017, 7, 160212.	3.6	29
18	Precise Mapping of Increased Sialylation Pattern and the Expression of Acute Phase Proteins Accompanying Murine Tumor Progression in BALB/c Mouse by Integrated Sera Proteomics and Glycomics. <i>Journal of Proteome Research</i> , 2008, 7, 3293-3303.	3.7	27

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19	Terminal disialylated multiantennary complex-type N-glycans carried on acutobin define the glycosylation characteristics of the <i>Deinagkistrodon acutus</i> venom. <i>Glycobiology</i> , 2011, 21, 530-542.	2.5	26
20	<i>Coprinopsis cinerea</i> intracellular lactonases hydrolyze quorum sensing molecules of Gram-negative bacteria. <i>Fungal Genetics and Biology</i> , 2017, 102, 49-62.	2.1	19
21	Glycan-protein interactions determine kinetics of N-glycan remodeling. <i>RSC Chemical Biology</i> , 2021, 2, 917-931.	4.1	16
22	Distribution of the Gal ² 1-4Gal Epitope among Birds: Species-Specific Loss of the Glycan Structure in Chicken and Its Relatives. <i>PLoS ONE</i> , 2013, 8, e59291.	2.5	14
23	Supercharging Reagent for Enhanced Liquid Chromatographic Separation and Charging of Sialylated and High-Molecular-Weight Glycopeptides for NanoHPLC-ESI-MS/MS Analysis. <i>Analytical Chemistry</i> , 2016, 88, 8484-8494.	6.5	13
24	Immobilisation and stabilisation of glycosylated enzymes on boronic acid-functionalised silica nanoparticles. <i>Chemical Communications</i> , 2021, 57, 11960-11963.	4.1	11
25	Proteomic identification of specific glycosyltransferases functionally implicated for the biosynthesis of a targeted glycoepitope. <i>Proteomics</i> , 2008, 8, 475-483.	2.2	7
26	Substrate specificities and reaction kinetics of the yeast oligosaccharyltransferase isoforms. <i>Journal of Biological Chemistry</i> , 2021, 296, 100809.	3.4	6
27	Selection and characterization of a SpaCBA pilus-secreting food-grade derivative of <i>Lactocaseibacillus rhamnosus</i> GG. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1123-1131.	3.6	4
28	Functional analysis of Ost3p and Ost6p containing yeast oligosaccharyltransferases. <i>Glycobiology</i> , 2021, 31, 1604-1615.	2.5	4