Ganglong Yang

List of Publications by Year
in descending order

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42 papers	949 citations	394421 19 h-index	477307 29 g-index
43 all docs	43 docs citations	43 times ranked	1315 citing authors

#	Article	IF	Citations
1	Editorial: Protein Glycosylationâ€"Advances in Identification, Characterization and Biological Function Elucidation Using Mass Spectrometry. Frontiers in Chemistry, 2022, 10, 847242.	3.6	1
2	Editorial: Characterization, Biosynthesis and Biological Functions of Novel Glyco-Epitopes. Frontiers in Molecular Biosciences, 2022, 9, 871037.	3.5	1
3	Long-term co-exposure DBP and BaP causes imbalance in liver macrophages polarization via activation of Notch signaling regulated by miR-34a-5p in rats. Chemico-Biological Interactions, 2022, 359, 109919.	4.0	7
4	Identification of novel <i>O</i>-GlcNAc transferase substrates using yeast cells expressing OGT. Journal of General and Applied Microbiology, 2021, 67, 33-41.	0.7	3
5	Cell engineering for the production of hybrid-type N-glycans in HEK293 cells. Journal of Biochemistry, 2021, 170, 139-151.	1.7	7
6	Global mapping of glycosylation pathways in human-derived cells. Developmental Cell, 2021, 56, 1195-1209.e7.	7.0	46
7	A knockout cell library of GPI biosynthetic genes for functional studies of GPI-anchored proteins. Communications Biology, 2021, 4, 777.	4.4	20
8	The Notch signaling pathway regulates macrophage polarization in liver diseases. International Immunopharmacology, 2021, 99, 107938.	3.8	39
9	miR-122â€"5p regulates hepatocytes damage caused by BaP and DBP co-exposure through SOCS1/STAT3 signaling in vitro. Ecotoxicology and Environmental Safety, 2021, 223, 112570.	6.0	10
10	Glycoproteomic Characterization of FUT8 Knock-Out CHO Cells Reveals Roles of FUT8 in the Glycosylation. Frontiers in Chemistry, 2021, 9, 755238.	3.6	7
11	Glycans, Glycosite, and Intact Glycopeptide Analysis of N-Linked Glycoproteins Using Liquid Handling Systems. Analytical Chemistry, 2020, 92, 1680-1686.	6.5	27
12	An Integrated Workflow for Global, Glyco-, and Phospho-proteomic Analysis of Tumor Tissues. Analytical Chemistry, 2020, 92, 1842-1849.	6.5	25
13	Comprehensive Analysis of the Glycome and Glycoproteome of Bovine Milk-Derived Exosomes. Journal of Agricultural and Food Chemistry, 2020, 68, 12692-12701.	5.2	29
14	DNMT1-mediated Foxp3 gene promoter hypermethylation involved in immune dysfunction caused by arsenic in human lymphocytes. Toxicology Research, 2020, 9, 519-529.	2.1	5
15	Sialidase NEU1 suppresses progression of human bladder cancer cells by inhibiting fibronectin-integrin Î±5Î²1 interaction and Akt signaling pathway. Cell Communication and Signaling, 2020, 18, 44.	6.5	32
16	A Comprehensive Analysis of FUT8 Overexpressing Prostate Cancer Cells Reveals the Role of EGFR in Castration Resistance. Cancers, 2020, 12, 468.	3.7	25
17	Biological Functions and Analytical Strategies of Sialic Acids in Tumor. Cells, 2020, 9, 273.	4.1	92
18	One-Step Enrichment of Intact Glycopeptides From Glycoengineered Chinese Hamster Ovary Cells. Frontiers in Chemistry, 2020, 8, 240.	3.6	13

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19	Characterization of intact glycopeptides reveals the impact of culture media on siteâ€specific glycosylation of EPOâ€Fc fusion protein generated by CHOâ€GS cells. Biotechnology and Bioengineering, 2019, 116, 2303-2315.	3.3	9
20	Combining Butyrated ManNAc with Glycoengineered CHO Cells Improves EPO Glycan Quality and Production. Biotechnology Journal, 2019, 14, 1800186.	3.5	23
21	miRâ€‘486 acts as an oncogene and potential prognostic biomarker in renal cell carcinoma. Molecular Medicine Reports, 2019, 20, 5208-5215.	2.4	1
22	Comprehensive Glycoproteomic Analysis of Chinese Hamster Ovary Cells. Analytical Chemistry, 2018, 90, 14294-14302.	6.5	42
23	Alteration of N -glycan expression profile and glycan pattern of glycoproteins in human hepatoma cells after HCV infection. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1036-1045.	2.4	28
24	A pilot study of salivary N-glycome in HBV-induced chronic hepatitis, cirrhosis, and hepatocellular carcinoma. Glycoconjugate Journal, 2017, 34, 523-535.	2.7	24
25	Global Identification and Differential Distribution Analysis of Glycans in Subcellular Fractions of Bladder Cells. International Journal of Biological Sciences, 2016, 12, 799-811.	6.4	9
26	Quantitative Analysis of Differential Proteome Expression in Epithelial-to-Mesenchymal Transition of Bladder Epithelial Cells Using SILAC Method. Molecules, 2016, 21, 84.	3.8	10
27	Identification of aberrantly expressed glycans in gastric cancer by integrated lectin microarray and mass spectrometric analyses. Oncotarget, 2016, 7, 87284-87300.	1.8	15
28	Downregulation of gangliotetraosylceramide and Î²1,3-galactosyltransferase-4 gene expression by Smads during transforming growth factor Î²-induced epithelial-mesenchymal transition. Molecular Medicine Reports, 2015, 11, 2241-2247.	2.4	12
29	Ganglioside-magnetosome complex formation enhances uptake of gangliosides by cells. International Journal of Nanomedicine, 2015, 10, 6919.	6.7	6
30	Quantitative Analysis of Differential Proteome Expression in Bladder Cancer vs. Normal Bladder Cells Using SILAC Method. PLoS ONE, 2015, 10, e0134727.	2.5	18
31	Quantitative Glycome Analysis of N-Glycan Patterns in Bladder Cancer vs Normal Bladder Cells Using an Integrated Strategy. Journal of Proteome Research, 2015, 14, 639-653.	3.7	60
32	A lectin-based isolation/enrichment strategy for improved coverage of N-glycan analysis. Carbohydrate Research, 2015, 416, 7-13.	2.3	10
33	Quantitative analysis of glycans, related genes, and proteins in two human bone marrow stromal cell lines using an integrated strategy. Experimental Hematology, 2015, 43, 760-769.e7.	0.4	7
34	Profiling of Concanavalin A-Binding Glycoproteins in Human Hepatic Stellate Cells Activated with Transforming Growth Factor-Î²1. Molecules, 2014, 19, 19845-19867.	3.8	13
35	Alteration of N-glycans and Expression of Their Related Glycogenes in the Epithelial-Mesenchymal Transition of HCV29 Bladder Epithelial Cells. Molecules, 2014, 19, 20073-20090.	3.8	35
36	Altered N-Glycan Expression Profile in Epithelial-to-Mesenchymal Transition of NMuMG Cells Revealed by an Integrated Strategy Using Mass Spectrometry and Glycogene and Lectin Microarray Analysis. Journal of Proteome Research, 2014, 13, 2783-2795.	3.7	71

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37	Selective isolation and analysis of glycoprotein fractions and their glycomes from hepatocellular carcinoma sera. Proteomics, 2013, 13, 1481-1498.	2.2	67
38	Isolation and identification of mannose-binding proteins and estimation of their abundance in sera from hepatocellular carcinoma patients. Proteomics, 2013, 13, 878-892.	2.2	21
39	Isolation and identification of native membrane glycoproteins from living cell by concanavalin Aâ€“magnetic particle conjugates. Analytical Biochemistry, 2012, 421, 339-341.	2.4	25
40	Isolation of N-linked glycopeptides by hydrazine-functionalized magnetic particles. Analytical and Bioanalytical Chemistry, 2010, 396, 3071-3078.	3.7	31
41	The Hydroxyl-Modified Surfaces on Glass Support for Fabrication of Carbohydrate Microarrays. Current Pharmaceutical Biotechnology, 2009, 10, 138-146.	1.6	9
42	The Hydroxyl-Functionalized Magnetic Particles for Purification of Glycan-Binding Proteins. Current Pharmaceutical Biotechnology, 2009, 10, 753-760.	1.6	14