

Ganglong Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/172953/publications.pdf>

Version: 2024-02-01

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	Biological Functions and Analytical Strategies of Sialic Acids in Tumor. <i>Cells</i> , 2020, 9, 273.	4.1	92
2	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. <i>Journal of Proteome Research</i> , 2014, 13, 2783-2795.	3.7	71
3	Selective isolation and analysis of glycoprotein fractions and their glycomes from hepatocellular carcinoma sera. <i>Proteomics</i> , 2013, 13, 1481-1498.	2.2	67
4	Quantitative Glycome Analysis of N-Glycan Patterns in Bladder Cancer vs Normal Bladder Cells Using an Integrated Strategy. <i>Journal of Proteome Research</i> , 2015, 14, 639-653.	3.7	60
5	Global mapping of glycosylation pathways in human-derived cells. <i>Developmental Cell</i> , 2021, 56, 1195-1209.e7.	7.0	46
6	Comprehensive Glycoproteomic Analysis of Chinese Hamster Ovary Cells. <i>Analytical Chemistry</i> , 2018, 90, 14294-14302.	6.5	42
7	The Notch signaling pathway regulates macrophage polarization in liver diseases. <i>International Immunopharmacology</i> , 2021, 99, 107938.	3.8	39
8	Alteration of N-glycans and Expression of Their Related Glycogenes in the Epithelial-Mesenchymal Transition of HCV29 Bladder Epithelial Cells. <i>Molecules</i> , 2014, 19, 20073-20090.	3.8	35
9	Sialidase NEU1 suppresses progression of human bladder cancer cells by inhibiting fibronectin-integrin $\alpha 5 \beta 1$ interaction and Akt signaling pathway. <i>Cell Communication and Signaling</i> , 2020, 18, 44.	6.5	32
10	Isolation of N-linked glycopeptides by hydrazine-functionalized magnetic particles. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 3071-3078.	3.7	31
11	Comprehensive Analysis of the Glycome and Glycoproteome of Bovine Milk-Derived Exosomes. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12692-12701.	5.2	29
12	Alteration of N-glycan expression profile and glycan pattern of glycoproteins in human hepatoma cells after HCV infection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1036-1045.	2.4	28
13	Glycans, Glycosite, and Intact Glycopeptide Analysis of N-Linked Glycoproteins Using Liquid Handling Systems. <i>Analytical Chemistry</i> , 2020, 92, 1680-1686.	6.5	27
14	Isolation and identification of native membrane glycoproteins from living cell by concanavalin A α magnetic particle conjugates. <i>Analytical Biochemistry</i> , 2012, 421, 339-341.	2.4	25
15	An Integrated Workflow for Global, Glyco-, and Phospho-proteomic Analysis of Tumor Tissues. <i>Analytical Chemistry</i> , 2020, 92, 1842-1849.	6.5	25
16	A Comprehensive Analysis of FUT8 Overexpressing Prostate Cancer Cells Reveals the Role of EGFR in Castration Resistance. <i>Cancers</i> , 2020, 12, 468.	3.7	25
17	A pilot study of salivary N-glycome in HBV-induced chronic hepatitis, cirrhosis, and hepatocellular carcinoma. <i>Glycoconjugate Journal</i> , 2017, 34, 523-535.	2.7	24
18	Combining Butyrate ManNAc with Glycoengineered CHO Cells Improves EPO Glycan Quality and Production. <i>Biotechnology Journal</i> , 2019, 14, 1800186.	3.5	23

#	ARTICLE	IF	CITATIONS
19	Isolation and identification of mannose-binding proteins and estimation of their abundance in sera from hepatocellular carcinoma patients. <i>Proteomics</i> , 2013, 13, 878-892.	2.2	21
20	A knockout cell library of GPI biosynthetic genes for functional studies of GPI-anchored proteins. <i>Communications Biology</i> , 2021, 4, 777.	4.4	20
21	Quantitative Analysis of Differential Proteome Expression in Bladder Cancer vs. Normal Bladder Cells Using SILAC Method. <i>PLoS ONE</i> , 2015, 10, e0134727.	2.5	18
22	Identification of aberrantly expressed glycans in gastric cancer by integrated lectin microarray and mass spectrometric analyses. <i>Oncotarget</i> , 2016, 7, 87284-87300.	1.8	15
23	The Hydroxyl-Functionalized Magnetic Particles for Purification of Glycan-Binding Proteins. <i>Current Pharmaceutical Biotechnology</i> , 2009, 10, 753-760.	1.6	14
24	Profiling of Concanavalin A-Binding Glycoproteins in Human Hepatic Stellate Cells Activated with Transforming Growth Factor- β 1. <i>Molecules</i> , 2014, 19, 19845-19867.	3.8	13
25	One-Step Enrichment of Intact Glycopeptides From Glycoengineered Chinese Hamster Ovary Cells. <i>Frontiers in Chemistry</i> , 2020, 8, 240.	3.6	13
26	Downregulation of gangliotetraosylceramide and β 1,3-galactosyltransferase-4 gene expression by Smads during transforming growth factor β 2-induced epithelial-mesenchymal transition. <i>Molecular Medicine Reports</i> , 2015, 11, 2241-2247.	2.4	12
27	A lectin-based isolation/enrichment strategy for improved coverage of N-glycan analysis. <i>Carbohydrate Research</i> , 2015, 416, 7-13.	2.3	10
28	Quantitative Analysis of Differential Proteome Expression in Epithelial-to-Mesenchymal Transition of Bladder Epithelial Cells Using SILAC Method. <i>Molecules</i> , 2016, 21, 84.	3.8	10
29	miR-122 α 5p regulates hepatocytes damage caused by BaP and DBP co-exposure through SOCS1/STAT3 signaling in vitro. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112570.	6.0	10
30	The Hydroxyl-Modified Surfaces on Glass Support for Fabrication of Carbohydrate Microarrays. <i>Current Pharmaceutical Biotechnology</i> , 2009, 10, 138-146.	1.6	9
31	Global Identification and Differential Distribution Analysis of Glycans in Subcellular Fractions of Bladder Cells. <i>International Journal of Biological Sciences</i> , 2016, 12, 799-811.	6.4	9
32	Characterization of intact glycopeptides reveals the impact of culture media on site-specific glycosylation of EPO α Fc fusion protein generated by CHO α GS cells. <i>Biotechnology and Bioengineering</i> , 2019, 116, 2303-2315.	3.3	9
33	Quantitative analysis of glycans, related genes, and proteins in two human bone marrow stromal cell lines using an integrated strategy. <i>Experimental Hematology</i> , 2015, 43, 760-769.e7.	0.4	7
34	Cell engineering for the production of hybrid-type N-glycans in HEK293 cells. <i>Journal of Biochemistry</i> , 2021, 170, 139-151.	1.7	7
35	Glycoproteomic Characterization of FUT8 Knock-Out CHO Cells Reveals Roles of FUT8 in the Glycosylation. <i>Frontiers in Chemistry</i> , 2021, 9, 755238.	3.6	7
36	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. <i>Chemico-Biological Interactions</i> , 2022, 359, 109919.	4.0	7

#	ARTICLE	IF	CITATIONS
37	Ganglioside-magnetosome complex formation enhances uptake of gangliosides by cells. <i>International Journal of Nanomedicine</i> , 2015, 10, 6919.	6.7	6
38	DNMT1-mediated Foxp3 gene promoter hypermethylation involved in immune dysfunction caused by arsenic in human lymphocytes. <i>Toxicology Research</i> , 2020, 9, 519-529.	2.1	5
39	Identification of novel <i>O</i>-GlcNAc transferase substrates using yeast cells expressing OGT. <i>Journal of General and Applied Microbiology</i> , 2021, 67, 33-41.	0.7	3
40	miR-486 acts as an oncogene and potential prognostic biomarker in renal cell carcinoma. <i>Molecular Medicine Reports</i> , 2019, 20, 5208-5215.	2.4	1
41	Editorial: Protein Glycosylation—Advances in Identification, Characterization and Biological Function Elucidation Using Mass Spectrometry. <i>Frontiers in Chemistry</i> , 2022, 10, 847242.	3.6	1
42	Editorial: Characterization, Biosynthesis and Biological Functions of Novel Glyco-Epitopes. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 871037.	3.5	1