

Weiming Yang

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,766
citations

331670

21
h-index

361022

35
g-index

39
all docs

39
docs citations

39
times ranked

2012
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucus sialylation determines intestinal host-commensal homeostasis. <i>Cell</i> , 2022, 185, 1172-1188.e28.	28.9	66
2	A novel role for GalNAc-T2 dependent glycosylation in energy homeostasis. <i>Molecular Metabolism</i> , 2022, , 101472.	6.5	5
3	Characterization of core fucosylation via sequential enzymatic treatments of intact glycopeptides and mass spectrometry analysis. <i>Nature Communications</i> , 2022, 13, .	12.8	14
4	Proteogenomic characterization of pancreatic ductal adenocarcinoma. <i>Cell</i> , 2021, 184, 5031-5052.e26.	28.9	236
5	Large-scale site-specific mapping of the O-GalNAc glycoproteome. <i>Nature Protocols</i> , 2020, 15, 2589-2610.	12.0	28
6	Urinary glycoproteins associated with aggressive prostate cancer. <i>Theranostics</i> , 2020, 10, 11892-11907.	10.0	22
7	Proteomic Analysis of the Air-Way Fluid in Lung Cancer. Detection of Periostin in Bronchoalveolar Lavage (BAL). <i>Frontiers in Oncology</i> , 2020, 10, 1072.	2.8	4
8	Mass Spectrometric Mapping of Glycoproteins Modified by Tn-Antigen Using Solid-Phase Capture and Enzymatic Release. <i>Analytical Chemistry</i> , 2020, 92, 9230-9238.	6.5	11
9	Signal peptide of HIV-1 envelope modulates glycosylation impacting exposure of V1V2 and other epitopes. <i>PLoS Pathogens</i> , 2020, 16, e1009185.	4.7	14
10	N-GlycositeAtlas: a database resource for mass spectrometry-based human N-linked glycoprotein and glycosylation site mapping. <i>Clinical Proteomics</i> , 2019, 16, 35.	2.1	56
11	Characterization of intact glycopeptides reveals the impact of culture media on site-specific glycosylation of EPO-Fc fusion protein generated by CHO-GS cells. <i>Biotechnology and Bioengineering</i> , 2019, 116, 2303-2315.	3.3	9
12	Combining Butyrate ManNAc with Glycoengineered CHO Cells Improves EPO Glycan Quality and Production. <i>Biotechnology Journal</i> , 2019, 14, 1800186.	3.5	23
13	Mapping the O-glycoproteome using site-specific extraction of O-linked glycopeptides (EXoO). <i>Molecular Systems Biology</i> , 2018, 14, e8486.	7.2	110
14	Comprehensive Glycoproteomic Analysis of Chinese Hamster Ovary Cells. <i>Analytical Chemistry</i> , 2018, 90, 14294-14302.	6.5	42
15	Alterations of HIV-1 envelope phenotype and antibody-mediated neutralization by signal peptide mutations. <i>PLoS Pathogens</i> , 2018, 14, e1006812.	4.7	20
16	Simultaneous analyses of N-linked and O-linked glycans of ovarian cancer cells using solid-phase chemoenzymatic method. <i>Clinical Proteomics</i> , 2017, 14, 3.	2.1	32
17	Site-Specific Fucosylation Analysis Identifying Glycoproteins Associated with Aggressive Prostate Cancer Cell Lines Using Tandem Affinity Enrichments of Intact Glycopeptides Followed by Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 7623-7630.	6.5	65
18	Comparison of Enrichment Methods for Intact N- and O-Linked Glycopeptides Using Strong Anion Exchange and Hydrophilic Interaction Liquid Chromatography. <i>Analytical Chemistry</i> , 2017, 89, 11193-11197.	6.5	93

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19	Platelet glycoproteins associated with aspirin treatment upon platelet activation. <i>Proteomics</i> , 2017, 17, 1600199.	2.2	15
20	Identification of glycoproteins associated with HIV latently infected cells using quantitative glycoproteomics. <i>Proteomics</i> , 2016, 16, 1872-1880.	2.2	10
21	Classification of Tandem Mass Spectra for Identification of N- and O-linked Glycopeptides. <i>Scientific Reports</i> , 2016, 6, 37189.	3.3	45
22	Detection of aggressive prostate cancer associated glycoproteins in urine using glycoproteomics and mass spectrometry. <i>Proteomics</i> , 2016, 16, 2989-2996.	2.2	31
23	Comprehensive analysis of protein glycosylation by solid-phase extraction of N-linked glycans and glycosite-containing peptides. <i>Nature Biotechnology</i> , 2016, 34, 84-88.	17.5	213
24	Glycoproteins identified from heart failure and treatment models. <i>Proteomics</i> , 2015, 15, 567-579.	2.2	33
25	GPQuest: A Spectral Library Matching Algorithm for Site-Specific Assignment of Tandem Mass Spectra to Intact N-glycopeptides. <i>Analytical Chemistry</i> , 2015, 87, 5181-5188.	6.5	163
26	Integrated Proteomic and Glycoproteomic Analyses of Prostate Cancer Cells Reveal Glycoprotein Alteration in Protein Abundance and Glycosylation*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2753-2763.	3.8	113
27	Glycoproteomic Study Reveals Altered Plasma Proteins Associated with HIV Elite Suppressors. <i>Theranostics</i> , 2014, 4, 1153-1163.	10.0	15
28	Glycoproteomic analysis identifies human glycoproteins secreted from HIV latently infected T cells and reveals their presence in HIV+ plasma. <i>Clinical Proteomics</i> , 2014, 11, 9.	2.1	22
29	Inhibition of protein carbamylation in urea solution using ammonium-containing buffers. <i>Analytical Biochemistry</i> , 2014, 446, 76-81.	2.4	77
30	Glycoform Analysis of Recombinant and Human Immunodeficiency Virus Envelope Protein gp120 via Higher Energy Collisional Dissociation and Spectral-Aligning Strategy. <i>Analytical Chemistry</i> , 2014, 86, 6959-6967.	6.5	52
31	Analysis of N-glycoproteins Using Genomic N-glycosite Prediction. <i>Journal of Proteome Research</i> , 2013, 12, 5609-5615.	3.7	8
32	Glycan Analysis by Isobaric Aldehyde Reactive Tags and Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 8188-8195.	6.5	73
33	Identification of Critical Regions in Human SAMHD1 Required for Nuclear Localization and Vpx-Mediated Degradation. <i>PLoS ONE</i> , 2013, 8, e66201.	2.5	25
34	The rotavirus enterotoxin (NSP4) promotes re-modeling of the intracellular microtubule network. <i>Virus Research</i> , 2012, 163, 269-274.	2.2	16
35	The molecular biology of rotaviruses X: intercellular dissemination of rotavirus NSP4 requires glycosylation and is mediated by direct cell-cell contact through cytoplasmic extrusions. <i>Archives of Virology</i> , 2012, 157, 305-314.	2.1	4