Zheng Li

List of Publications by Year in descending order

		361413	377865
57	1,293	20	34
papers	citations	h-index	g-index

59	59	59	1385
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glycosylation Site Alteration in the Evolution of Influenza A (H1N1) Viruses. PLoS ONE, 2011, 6, e22844.	2.5	112
2	Age- and Sex-Associated Differences in the Glycopatterns of Human Salivary Glycoproteins and Their Roles against Influenza A Virus. Journal of Proteome Research, 2013, 12, 2742-2754.	3.7	77
3	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
4	Selective isolation and analysis of glycoprotein fractions and their glycomes from hepatocellular carcinoma sera. Proteomics, 2013, 13, 1481-1498.	2.2	67
5	Analysis of Glycan-Related Genes Expression and Glycan Profiles in Mice with Liver Fibrosis. Journal of Proteome Research, 2012, 11, 5277-5285.	3.7	63
6	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
7	Alteration of protein glycosylation in human hepatic stellate cells activated with transforming growth factor-Î²1. Journal of Proteomics, 2012, 75, 4114-4123.	2.4	57
8	Differentially expressed glycosylated patterns of Î±-1-antitrypsin as serum biomarkers for the diagnosis of lung cancer. Glycobiology, 2015, 25, 331-340.	2.5	57
9	Salivary Glycopatterns as Potential Biomarkers for Screening of Early-Stage Breast Cancer. EBioMedicine, 2018, 28, 70-79.	6.1	55
10	The Evolutionary Pattern of Glycosylation Sites in Influenza Virus (H5N1) Hemagglutinin and Neuraminidase. PLoS ONE, 2012, 7, e49224.	2.5	42
11	Salivary glycopatterns as potential biomarkers for diagnosis of gastric cancer. Oncotarget, 2017, 8, 35718-35727.	1.8	39
12	Avian Influenza Virus Infection Risk in Humans with Chronic Diseases. Scientific Reports, 2015, 5, 8971.	3.3	38
13	Prediction of Biological Functions on Glycosylation Site Migrations in Human Influenza H1N1 Viruses. PLoS ONE, 2012, 7, e32119.	2.5	34
14	Lectin microarrays for glycoproteomics: an overview of their use and potential. Expert Review of Proteomics, 2020, 17, 27-39.	3.0	29
15	An Edaravone-Guided Design of a Rhodamine-Based Turn-on Fluorescent Probe for Detecting Hydroxyl Radicals in Living Systems. Analytical Chemistry, 2021, 93, 14343-14350.	6.5	26
16	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
17	Identification of N- and O-linked glycans recognized by AAL in saliva of patients with atrophic gastritis and gastric cancer. Cancer Biomarkers, 2018, 22, 669-681.	1.7	25
18	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

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19	Two Glycosylation Sites in H5N1 Influenza Virus Hemagglutinin That Affect Binding Preference by Computer-Based Analysis. PLoS ONE, 2012, 7, e38794.	2.5	22
20	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
21	N-glycan profiles in H9N2 avian influenza viruses from chicken eggs and human embryonic lung fibroblast cells. Journal of Virological Methods, 2017, 249, 10-20.	2.1	19
22	Glycopatterns of Urinary Protein as New Potential Diagnosis Indicators for Diabetic Nephropathy. Journal of Diabetes Research, 2017, 2017, 1-14.	2.3	18
23	Abnormal Galactosylatedâ€“Glycans recognized by Bandeiraea Simplicifolia Lectin I in saliva of patients with breast Cancer. Glycoconjugate Journal, 2020, 37, 373-394.	2.7	18
24	Integrated Glycome Strategy for Characterization of Aberrant LacNAc Contained N-Glycans Associated With Gastric Carcinoma. Frontiers in Oncology, 2019, 9, 636.	2.8	17
25	Identification of abnormal fucosylated-glycans recognized by LTL in saliva of HBV-induced chronic hepatitis, cirrhosis, and hepatocellular carcinoma. Glycobiology, 2019, 29, 242-259.	2.5	16
26	Comparative Analysis for Glycopatterns and Complex-Type N-Glycans of Glycoprotein in Sera from Chronic Hepatitis B- and C-Infected Patients. Frontiers in Physiology, 2017, 8, 596.	2.8	15
27	Analysis of Glycosphingolipid Glycans by Lectin Microarrays. Analytical Chemistry, 2019, 91, 10663-10671.	6.5	15
28	The Hydroxyl-Functionalized Magnetic Particles for Purification of Glycan-Binding Proteins. Current Pharmaceutical Biotechnology, 2009, 10, 753-760.	1.6	14
29	Alteration of liver glycopatterns during cirrhosis and tumor progression induced by HBV. Glycoconjugate Journal, 2016, 33, 125-136.	2.7	14
30	A ratiometric fluorescent probe for the detection of endogenous hydroxyl radicals in living cells. Talanta, 2019, 196, 317-324.	5.5	14
31	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
32	Characterization and sub-cellular localization of GalNAc-binding proteins isolated from human hepatic stellate cells. Biochemical and Biophysical Research Communications, 2015, 468, 906-912.	2.1	13
33	Characterization of proteins with SiaÎ±2-3/6Gal-linked glycans from bovine milk and role of their glycans against influenza A virus. Food and Function, 2018, 9, 5198-5208.	4.6	12
34	Alteration and localization of glycanâ€‰binding proteins in human hepatic stellate cells during liver fibrosis. Proteomics, 2015, 15, 3283-3295.	2.2	10
35	Identification and localization of xylose-binding proteins as potential biomarkers for liver fibrosis/cirrhosis. Molecular BioSystems, 2016, 12, 598-605.	2.9	10
36	Lectin BSâ€‰inhibits cell migration and invasion via AKT/GSKâ€‰Î²/Î²â€‰catenin pathway in hepatocellular carcinoma. Journal of Cellular and Molecular Medicine, 2018, 22, 315-329.	3.6	10

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37	Comprehensive analysis of glycosphingolipid glycans by lectin microarrays and MALDI-TOF mass spectrometry. Nature Protocols, 2021, 16, 3470-3491.	12.0	10
38	The Hydroxyl-Modified Surfaces on Glass Support for Fabrication of Carbohydrate Microarrays. Current Pharmaceutical Biotechnology, 2009, 10, 138-146.	1.6	9
39	Purification of sialoglycoproteins from bovine milk using serotonin-functionalized magnetic particles and their application against influenza A virus. Food and Function, 2020, 11, 6911-6920.	4.6	9
40	Integrated glycomics strategy for the evaluation of glycosylation alterations in salivary proteins associated with type 2 diabetes mellitus. RSC Advances, 2020, 10, 39739-39752.	3.6	8
41	Elevation of Î±-1,3 fucosylation promotes the binding ability of TNFR1 to TNF-Î± and contributes to osteoarthritic cartilage destruction and apoptosis. Arthritis Research and Therapy, 2022, 24, 93.	3.5	8
42	Machine learning reveals salivary glycopatterns as potential biomarkers for the diagnosis and prognosis of papillary thyroid cancer. International Journal of Biological Macromolecules, 2022, 215, 280-289.	7.5	8
43	The Abnormal Glycopatterns of Salivary Glycoproteins in Esophageal Squamous Cell Carcinoma Patients. Frontiers in Chemistry, 2021, 9, 637730.	3.6	7
44	Development of a coumarin-based fluorescent probe for hydrogen peroxide based on the Payne/Dakin tandem reaction. Dyes and Pigments, 2021, 190, 109335.	3.7	7
45	Role of ammonia for brain abnormal protein glycosylation during the development of hepatitis B virus-related liver diseases. Cell and Bioscience, 2022, 12, 16.	4.8	7
46	Glycopatterns and Glycoproteins Changes in MCN and SCN: A Prospective Cohort Study. BioMed Research International, 2019, 2019, 1-11.	1.9	6
47	Establishment of a Lectin Microarray Method for The Rapid Analysis of Glycoprotein and Its Application*. Progress in Biochemistry and Biophysics, 2009, 2009, 254-259.	0.3	6
48	Role of sialylated glycans on bovine lactoferrin against influenza virus. Glycoconjugate Journal, 2021, 38, 689-696.	2.7	6
49	Genetic variation and co-evolutionary relationship of RNA polymerase complex segments in influenza A viruses. Virology, 2017, 511, 193-206.	2.4	5
50	Alterations in serum protein glycopatterns related to small cell lung cancer, adenocarcinoma and squamous carcinoma of the lung. RSC Advances, 2020, 10, 7181-7193.	3.6	5
51	Increased expression of core-fucosylated glycans in human lung squamous cell carcinoma. RSC Advances, 2019, 9, 22064-22073.	3.6	4
52	A histidine-rich elastin-like polypeptide functions as a quickly detectable and easily purifiable protein fusion tag. Biochemical and Biophysical Research Communications, 2018, 507, 343-347.	2.1	3
53	Pregnancy-associated decrease of SiaÎ±2-3Gal-linked glycans on salivary glycoproteins affects their binding ability to avian influenza virus. International Journal of Biological Macromolecules, 2021, 184, 339-348.	7.5	3
54	Protein Glycopatterns in Bronchoalveolar Lavage Fluid as Novel Potential Biomarkers for Diagnosis of Lung Cancer. Frontiers in Oncology, 2020, 10, 568433.	2.8	2

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55	High expression levels of influenza virus receptors in airway of the HBV-transgenic mice. Epidemiology and Infection, 2019, 147, e297.	2.1	1
56	Characterization of <scp>glucoseâ€binding</scp> proteins isolated from health volunteers and human type 2 diabetes mellitus patients. Proteins: Structure, Function and Bioinformatics, 2021, 89, 1413-1424.	2.6	1
57	High Expression Level of Î±2-3-Linked Sialic Acids on Salivary Glycoproteins of Breastfeeding Women May Help to Protect Them from Avian Influenza Virus Infection. Molecules, 2022, 27, 4285.	3.8	0