

Zheng Li

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,293
citations

361413

20
h-index

377865

34
g-index

59
all docs

59
docs citations

59
times ranked

1385
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of ammonia for brain abnormal protein glycosylation during the development of hepatitis B virus-related liver diseases. <i>Cell and Bioscience</i> , 2022, 12, 16.	4.8	7
2	Elevation of α -1,3 fucosylation promotes the binding ability of TNFR1 to TNF- α and contributes to osteoarthritic cartilage destruction and apoptosis. <i>Arthritis Research and Therapy</i> , 2022, 24, 93.	3.5	8
3	Machine learning reveals salivary glycopatterns as potential biomarkers for the diagnosis and prognosis of papillary thyroid cancer. <i>International Journal of Biological Macromolecules</i> , 2022, 215, 280-289.	7.5	8
4	High Expression Level of α -2-3-Linked Sialic Acids on Salivary Glycoproteins of Breastfeeding Women May Help to Protect Them from Avian Influenza Virus Infection. <i>Molecules</i> , 2022, 27, 4285.	3.8	0
5	The Abnormal Glycopatterns of Salivary Glycoproteins in Esophageal Squamous Cell Carcinoma Patients. <i>Frontiers in Chemistry</i> , 2021, 9, 637730.	3.6	7
6	Comprehensive analysis of glycosphingolipid glycans by lectin microarrays and MALDI-TOF mass spectrometry. <i>Nature Protocols</i> , 2021, 16, 3470-3491.	12.0	10
7	Development of a coumarin-based fluorescent probe for hydrogen peroxide based on the Payne/Dakin tandem reaction. <i>Dyes and Pigments</i> , 2021, 190, 109335.	3.7	7
8	Characterization of α -glucosyl-binding proteins isolated from health volunteers and human type 2 diabetes mellitus patients. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1413-1424.	2.6	1
9	Pregnancy-associated decrease of α -2-3Gal-linked glycans on salivary glycoproteins affects their binding ability to avian influenza virus. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 339-348.	7.5	3
10	An Edaravone-Guided Design of a Rhodamine-Based Turn-on Fluorescent Probe for Detecting Hydroxyl Radicals in Living Systems. <i>Analytical Chemistry</i> , 2021, 93, 14343-14350.	6.5	26
11	Role of sialylated glycans on bovine lactoferrin against influenza virus. <i>Glycoconjugate Journal</i> , 2021, 38, 689-696.	2.7	6
12	Purification of sialoglycoproteins from bovine milk using serotonin-functionalized magnetic particles and their application against influenza A virus. <i>Food and Function</i> , 2020, 11, 6911-6920.	4.6	9
13	Abnormal Galactosylated Glycans recognized by <i>Bandeiraea Simplicifolia</i> Lectin I in saliva of patients with breast Cancer. <i>Glycoconjugate Journal</i> , 2020, 37, 373-394.	2.7	18
14	Alterations in serum protein glycopatterns related to small cell lung cancer, adenocarcinoma and squamous carcinoma of the lung. <i>RSC Advances</i> , 2020, 10, 7181-7193.	3.6	5
15	Lectin microarrays for glycoproteomics: an overview of their use and potential. <i>Expert Review of Proteomics</i> , 2020, 17, 27-39.	3.0	29
16	Protein Glycopatterns in Bronchoalveolar Lavage Fluid as Novel Potential Biomarkers for Diagnosis of Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 568433.	2.8	2
17	Integrated glycomics strategy for the evaluation of glycosylation alterations in salivary proteins associated with type 2 diabetes mellitus. <i>RSC Advances</i> , 2020, 10, 39739-39752.	3.6	8
18	Increased expression of core-fucosylated glycans in human lung squamous cell carcinoma. <i>RSC Advances</i> , 2019, 9, 22064-22073.	3.6	4

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19	Analysis of Glycosphingolipid Glycans by Lectin Microarrays. <i>Analytical Chemistry</i> , 2019, 91, 10663-10671.	6.5	15
20	Integrated Glycome Strategy for Characterization of Aberrant LacNAc Contained N-Glycans Associated With Gastric Carcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 636.	2.8	17
21	High expression levels of influenza virus receptors in airway of the HBV-transgenic mice. <i>Epidemiology and Infection</i> , 2019, 147, e297.	2.1	1
22	Glycopatterns and Glycoproteins Changes in MCN and SCN: A Prospective Cohort Study. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	6
23	A ratiometric fluorescent probe for the detection of endogenous hydroxyl radicals in living cells. <i>Talanta</i> , 2019, 196, 317-324.	5.5	14
24	Identification of abnormal fucosylated-glycans recognized by LTL in saliva of HBV-induced chronic hepatitis, cirrhosis, and hepatocellular carcinoma. <i>Glycobiology</i> , 2019, 29, 242-259.	2.5	16
25	Salivary Glycopatterns as Potential Biomarkers for Screening of Early-Stage Breast Cancer. <i>EBioMedicine</i> , 2018, 28, 70-79.	6.1	55
26	Lectin BSâ€ inhibits cell migration and invasion <i>via</i> AKT/GSKâ€2/â€catenin pathway in hepatocellular carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 315-329.	3.6	10
27	A histidine-rich elastin-like polypeptide functions as a quickly detectable and easily purifiable protein fusion tag. <i>Biochemical and Biophysical Research Communications</i> , 2018, 507, 343-347.	2.1	3
28	Identification of N- and O-linked glycans recognized by AAL in saliva of patients with atrophic gastritis and gastric cancer. <i>Cancer Biomarkers</i> , 2018, 22, 669-681.	1.7	25
29	Characterization of proteins with Sia±2-3/6Gal-linked glycans from bovine milk and role of their glycans against influenza A virus. <i>Food and Function</i> , 2018, 9, 5198-5208.	4.6	12
30	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
31	Genetic variation and co-evolutionary relationship of RNA polymerase complex segments in influenza A viruses. <i>Virology</i> , 2017, 511, 193-206.	2.4	5
32	N-glycan profiles in H9N2 avian influenza viruses from chicken eggs and human embryonic lung fibroblast cells. <i>Journal of Virological Methods</i> , 2017, 249, 10-20.	2.1	19
33	Comparative Analysis for Glycopatterns and Complex-Type N-Glycans of Glycoprotein in Sera from Chronic Hepatitis B- and C-Infected Patients. <i>Frontiers in Physiology</i> , 2017, 8, 596.	2.8	15
34	Glycopatterns of Urinary Protein as New Potential Diagnosis Indicators for Diabetic Nephropathy. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-14.	2.3	18
35	Salivary glycopatterns as potential biomarkers for diagnosis of gastric cancer. <i>Oncotarget</i> , 2017, 8, 35718-35727.	1.8	39
36	Identification and localization of xylose-binding proteins as potential biomarkers for liver fibrosis/cirrhosis. <i>Molecular BioSystems</i> , 2016, 12, 598-605.	2.9	10

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37	Alteration of liver glycopatterns during cirrhosis and tumor progression induced by HBV. <i>Glycoconjugate Journal</i> , 2016, 33, 125-136.	2.7	14
38	Alteration and localization of glycan-binding proteins in human hepatic stellate cells during liver fibrosis. <i>Proteomics</i> , 2015, 15, 3283-3295.	2.2	10
39	Avian Influenza Virus Infection Risk in Humans with Chronic Diseases. <i>Scientific Reports</i> , 2015, 5, 8971.	3.3	38
40	Characterization and sub-cellular localization of GalNAc-binding proteins isolated from human hepatic stellate cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 906-912.	2.1	13
41	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
42	Differentially expressed glycosylated patterns of α -1-antitrypsin as serum biomarkers for the diagnosis of lung cancer. <i>Glycobiology</i> , 2015, 25, 331-340.	2.5	57
43	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
44	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
45	Age- and Sex-Associated Differences in the Glycopatterns of Human Salivary Glycoproteins and Their Roles against Influenza A Virus. <i>Journal of Proteome Research</i> , 2013, 12, 2742-2754.	3.7	77
46	Selective isolation and analysis of glycoprotein fractions and their glycomes from hepatocellular carcinoma sera. <i>Proteomics</i> , 2013, 13, 1481-1498.	2.2	67
47	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
48	Analysis of Glycan-Related Genes Expression and Glycan Profiles in Mice with Liver Fibrosis. <i>Journal of Proteome Research</i> , 2012, 11, 5277-5285.	3.7	63
49	Alteration of protein glycosylation in human hepatic stellate cells activated with transforming growth factor- β 1. <i>Journal of Proteomics</i> , 2012, 75, 4114-4123.	2.4	57
50	Prediction of Biological Functions on Glycosylation Site Migrations in Human Influenza H1N1 Viruses. <i>PLoS ONE</i> , 2012, 7, e32119.	2.5	34
51	The Evolutionary Pattern of Glycosylation Sites in Influenza Virus (H5N1) Hemagglutinin and Neuraminidase. <i>PLoS ONE</i> , 2012, 7, e49224.	2.5	42
52	Isolation and identification of native membrane glycoproteins from living cell by concanavalin A-magnetic particle conjugates. <i>Analytical Biochemistry</i> , 2012, 421, 339-341.	2.4	25
53	Two Glycosylation Sites in H5N1 Influenza Virus Hemagglutinin That Affect Binding Preference by Computer-Based Analysis. <i>PLoS ONE</i> , 2012, 7, e38794.	2.5	22
54	Glycosylation Site Alteration in the Evolution of Influenza A (H1N1) Viruses. <i>PLoS ONE</i> , 2011, 6, e22844.	2.5	112

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55	The Hydroxyl-Modified Surfaces on Glass Support for Fabrication of Carbohydrate Microarrays. Current Pharmaceutical Biotechnology, 2009, 10, 138-146.	1.6	9
56	The Hydroxyl-Functionalized Magnetic Particles for Purification of Glycan-Binding Proteins. Current Pharmaceutical Biotechnology, 2009, 10, 753-760.	1.6	14
57	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