

Yaogang Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,564
citations

361413

20
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

2080
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of <sc>glucose-binding</sc> 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
2	Lipid Droplets Maintain Energy Homeostasis and Glioblastoma Growth via Autophagic Release of Stored Fatty Acids. <i>IScience</i> , 2020, 23, 101569.	4.1	62
3	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
4	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
5	Lectin microarray and mass spectrometric analysis of hepatitis C proteins reveals N-linked glycosylation. <i>Medicine (United States)</i> , 2018, 97, e0208.	1.0	10
6	Far-Red Fluorescent Probe for Imaging of Vicinal Dithiol-Containing Proteins in Living Cells Based on a p <i>K</i> Shift Mechanism. <i>Analytical Chemistry</i> , 2018, 90, 2946-2953.	6.5	14
7	Characterization of proteins with Sia \pm 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
8	Serum Glycopatterns as Novel Potential Biomarkers for Diagnosis of Acute-on-Chronic Hepatitis B Liver Failure. <i>Scientific Reports</i> , 2017, 7, 45957.	3.3	8
9	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
10	Preparation of Yellow-Green-Emissive Carbon Dots and Their Application in Constructing a Fluorescent Turn-On Nanoprobe for Imaging of Selenol in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 1734-1741.	6.5	120
11	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
12	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
13	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
14	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
15	A mitochondria-targetable near-infrared fluorescent probe for imaging nitroxyl (HNO) in living cells. <i>Dyes and Pigments</i> , 2016, 131, 24-32.	3.7	40
16	Development of fluorescent probes for hydrogen polysulfides by using cinnamate ester as the recognition unit. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 531-537.	7.8	39
17	A flavylum-based turn-on fluorescent probe for imaging hydrogen polysulfides in living cells. <i>RSC Advances</i> , 2016, 6, 88519-88525.	3.6	29
18	Ratiometric Fluorescent Probe for Vicinal Dithiol-Containing Proteins in Living Cells Designed via Modulating the Intramolecular Charge Transfer Twisted Intramolecular Charge Transfer Conversion Process. <i>Analytical Chemistry</i> , 2016, 88, 10237-10244.	6.5	35

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19	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
20	Alteration of liver glycopatterns during cirrhosis and tumor progression induced by HBV. <i>Glycoconjugate Journal</i> , 2016, 33, 125-136.	2.7	14
21	Development of a red fluorescent light-up probe for highly selective and sensitive detection of vicinal dithiol-containing proteins in living cells. <i>Chemical Science</i> , 2016, 7, 518-524.	7.4	31
22	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
23	Avian Influenza Virus Infection Risk in Humans with Chronic Diseases. <i>Scientific Reports</i> , 2015, 5, 8971.	3.3	38
24	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
25	A ratiometric fluorescent probe for gasotransmitter hydrogen sulfide based on a coumarin-benzopyrylium platform. <i>Analytica Chimica Acta</i> , 2015, 859, 59-65.	5.4	56
26	“Quinone”-phenol-transduction activated excited-state intramolecular proton transfer: A new strategy toward ratiometric fluorescent probe for sulfite in living cells. <i>Dyes and Pigments</i> , 2015, 120, 213-219.	3.7	59
27	Development of a ratiometric fluorescent probe for sulfite based on a coumarin-benzopyrylium platform. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 268-275.	7.8	78
28	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
29	A dual emission fluorescent probe enables simultaneous detection of glutathione and cysteine/homocysteine. <i>Chemical Science</i> , 2014, 5, 2177.	7.4	317
30	Native Chemical Ligation Combined with Spirocyclization of Benzopyrylium Dyes for the Ratiometric and Selective Fluorescence Detection of Cysteine and Homocysteine. <i>Analytical Chemistry</i> , 2014, 86, 1800-1807.	6.5	150
31	Analysis of age and gender associated N-glycoproteome in human whole saliva. <i>Clinical Proteomics</i> , 2014, 11, 25.	2.1	30
32	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
33	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
34	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
35	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
36	The Evolutionary Pattern of Glycosylation Sites in Influenza Virus (H5N1) Hemagglutinin and Neuraminidase. <i>PLoS ONE</i> , 2012, 7, e49224.	2.5	42

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37	New Progress of Glycan as Receptors for Influenza Virus*. Progress in Biochemistry and Biophysics, 2012, 39, 605-612.	0.3	0
38	A protocol for high-throughput screening, analysis and validation of protein glycopatterns. Protocol Exchange, 0, , .	0.3	1