

Shiyue Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,057
citations

394421

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610901

24
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all docs

26
docs citations

26
times ranked

1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct comparison of derivatization strategies for LC-MS/MS analysis of <i>N</i> -glycans. <i>Analyst</i> , The, 2017, 142, 4446-4455.	3.5	97
2	Isomeric Separation of Permethylated Glycans by Porous Graphitic Carbon (PGC)-LC-MS/MS at High Temperatures. <i>Analytical Chemistry</i> , 2017, 89, 6590-6597.	6.5	96
3	LC-MS/MS analysis of permethylated free oligosaccharides and <i>N</i> -glycans derived from human, bovine, and goat milk samples. <i>Electrophoresis</i> , 2016, 37, 1532-1548.	2.4	80
4	LC-MS/MS analysis of permethylated <i>N</i> -glycans facilitating isomeric characterization. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 453-466.	3.7	79
5	LC-MS/MS isomeric profiling of permethylated <i>N</i> -glycans derived from serum haptoglobin of hepatocellular carcinoma (HCC) and cirrhotic patients. <i>Electrophoresis</i> , 2017, 38, 2160-2167.	2.4	65
6	Defining putative glycan cancer biomarkers by MS. <i>Bioanalysis</i> , 2012, 4, 2457-2469.	1.5	58
7	Quantitative LC-MS/MS Glycomic Analysis of Biological Samples Using AminoxyTMT. <i>Analytical Chemistry</i> , 2016, 88, 7515-7522.	6.5	56
8	Glycosylation and other PTMs alterations in neurodegenerative diseases: Current status and future role in neurotrauma. <i>Electrophoresis</i> , 2016, 37, 1549-1561.	2.4	53
9	High-temperature LC-MS/MS of permethylated glycans derived from glycoproteins. <i>Electrophoresis</i> , 2016, 37, 1506-1513.	2.4	49
10	Automated annotation and quantification of glycans using liquid chromatography-mass spectrometry. <i>Bioinformatics</i> , 2013, 29, 1706-1707.	4.1	47
11	LC-MS Profiling of <i>N</i> -Glycans Derived from Human Serum Samples for Biomarker Discovery in Hepatocellular Carcinoma. <i>Journal of Proteome Research</i> , 2014, 13, 4859-4868.	3.7	46
12	Quantitation of Permethylated <i>N</i> -Glycans through Multiple-Reaction Monitoring (MRM) LC-MS/MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 596-603.	2.8	41
13	Automated annotation and quantitation of glycans by liquid chromatography/electrospray ionization mass spectrometric analysis using the MultiGlycan-ESI computational tool. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 135-142.	1.5	35
14	LC-MS/MS of permethylated <i>N</i> -glycans derived from model and human blood serum glycoproteins. <i>Electrophoresis</i> , 2016, 37, 1498-1505.	2.4	34
15	Glycomic Profiling of Tissue Sections by LC-MS. <i>Analytical Chemistry</i> , 2013, 85, 4074-4079.	6.5	33
16	Analysis of Permethylated Glycan by Liquid Chromatography (LC) and Mass Spectrometry (MS). <i>Methods in Molecular Biology</i> , 2017, 1503, 83-96.	0.9	32
17	Deciphering glycomics and neuroproteomic alterations in experimental traumatic brain injury: Comparative analysis of aspirin and clopidogrel treatment. <i>Electrophoresis</i> , 2016, 37, 1562-1576.	2.4	24
18	8-plex LC-MS/MS Analysis of Permethylated <i>N</i> -Glycans Achieved by Using Stable Isotopic Iodomethane. <i>Analytical Chemistry</i> , 2019, 91, 11794-11802.	6.5	24

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19	Reliable LC-MS quantitative glycomics using iGlycoMab stable isotope labeled glycans as internal standards. <i>Electrophoresis</i> , 2016, 37, 1489-1497.	2.4	23
20	Integrated Transcriptomics, Proteomics, and Glycomics Reveals the Association between Up-regulation of Sialylated N-glycans/Integrin and Breast Cancer Brain Metastasis. <i>Scientific Reports</i> , 2019, 9, 17361.	3.3	23
21	Enhanced Quantitative LC-MS/MS Analysis of N-linked Glycans Derived from Glycoproteins Using Sodium Deoxycholate Detergent. <i>Journal of Proteome Research</i> , 2018, 17, 2668-2678.	3.7	19
22	Integrated Transcriptomic and Glycomic Profiling of Glioma Stem Cell Xenografts. <i>Journal of Proteome Research</i> , 2015, 14, 3932-3939.	3.7	17
23	Comparative Membrane N-Glycomics of Different Breast Cancer Cell Lines To Understand Breast Cancer Brain Metastasis. <i>Journal of Proteome Research</i> , 2020, 19, 854-863.	3.7	14
24	A procedure for the analysis of site-specific and structure-specific fucosylation in alpha-1-antitrypsin. <i>Electrophoresis</i> , 2016, 37, 2624-2632.	2.4	10