

Shiyue Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10810302/publications.pdf>

Version: 2024-02-01

24
papers

1,057
citations

394421

19
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1040
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 8-plex LC-MS/MS Analysis of Permethylated N-Glycans Achieved by Using Stable Isotopic Iodomethane. <i>Analytical Chemistry</i> , 2019, 91, 11794-11802. | 6.5 | 24 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | LC-MS/MS isomeric profiling of permethylated N-glycans derived from serum haptoglobin of hepatocellular carcinoma (HCC) and cirrhotic patients. <i>Electrophoresis</i> , 2017, 38, 2160-2167. | 2.4 | 65 |
| 7 | Direct comparison of derivatization strategies for LC-MS/MS analysis of N-glycans. <i>Analyst</i> , 2017, 142, 4446-4455. | 3.5 | 97 |
| 8 | LC-MS/MS analysis of permethylated N-glycans facilitating isomeric characterization. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 453-466. | 3.7 | 79 |
| 9 | 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 |
| 10 | High-temperature LC-MS/MS of permethylated glycans derived from glycoproteins. <i>Electrophoresis</i> , 2016, 37, 1506-1513. | 2.4 | 49 |
| 11 | 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 |
| 12 | Reliable LC-MS quantitative glycomics using iGlycoMab stable isotope labeled glycans as internal standards. <i>Electrophoresis</i> , 2016, 37, 1489-1497. | 2.4 | 23 |
| 13 | Quantitative LC-MS/MS Glycomic Analysis of Biological Samples Using AminoxyTMT. <i>Analytical Chemistry</i> , 2016, 88, 7515-7522. | 6.5 | 56 |
| 14 | LC-MS/MS of permethylated N-glycans derived from model and human blood serum glycoproteins. <i>Electrophoresis</i> , 2016, 37, 1498-1505. | 2.4 | 34 |
| 15 | 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 |
| 16 | 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 |
| 17 | LC-MS/MS analysis of permethylated free oligosaccharides and N-glycans derived from human, bovine, and goat milk samples. <i>Electrophoresis</i> , 2016, 37, 1532-1548. | 2.4 | 80 |
| 18 | Quantitation of Permethylated N-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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Integrated Transcriptomic and Glycomic Profiling of Glioma Stem Cell Xenografts. <i>Journal of Proteome Research</i> , 2015, 14, 3932-3939. | 3.7 | 17 |
| 20 | Automated annotation and quantitation of glycans by liquid chromatography/electrospray ionization mass spectrometric analysis using the MultiGlycanâ€ESI computational tool. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 135-142. | 1.5 | 35 |
| 21 | LCâ€MS Profiling of N-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 |
| 22 | Glycomic Profiling of Tissue Sections by LC-MS. <i>Analytical Chemistry</i> , 2013, 85, 4074-4079. | 6.5 | 33 |
| 23 | Automated annotation and quantification of glycans using liquid chromatographyâ€mass spectrometry. <i>Bioinformatics</i> , 2013, 29, 1706-1707. | 4.1 | 47 |
| 24 | Defining putative glycan cancer biomarkers by MS. <i>Bioanalysis</i> , 2012, 4, 2457-2469. | 1.5 | 58 |