

Kshitij Khatri

List of Publications by Year in descending order

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623734

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992
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic Capillary Electrophoresis–Mass Spectrometry for Analysis of Monosaccharides, Oligosaccharides, and Glycopeptides. <i>Analytical Chemistry</i> , 2017, 89, 6645-6655.	6.5	95
2	Integrated Omics and Computational Glycobiology Reveal Structural Basis for Influenza A Virus Glycan Microheterogeneity and Host Interactions. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1895-1912.	3.8	85
3	Algorithms and design strategies towards automated glycoproteomics analysis. <i>Mass Spectrometry Reviews</i> , 2017, 36, 475-498.	5.4	82
4	A review of methods for interpretation of glycopeptide tandem mass spectral data. <i>Glycoconjugate Journal</i> , 2016, 33, 285-296.	2.7	74
5	Construction of a Database of Collision Cross Section Values for Glycopeptides, Glycans, and Peptides Determined by IM-MS. <i>Analytical Chemistry</i> , 2017, 89, 4452-4460.	6.5	55
6	Confident Assignment of Site-Specific Glycosylation in Complex Glycoproteins in a Single Step. <i>Journal of Proteome Research</i> , 2014, 13, 4347-4355.	3.7	47
7	Workflow for Combined Proteomics and Glycomics Profiling from Histological Tissues. <i>Analytical Chemistry</i> , 2014, 86, 9670-9678.	6.5	41
8	Use of an informed search space maximizes confidence of site-specific assignment of glycoprotein glycosylation. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 607-618.	3.7	36
9	Comparison of Collisional and Electron-Based Dissociation Modes for Middle-Down Analysis of Multiply Glycosylated Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1075-1085.	2.8	36
10	GlycoDeNovo – an Efficient Algorithm for Accurate de novo Glycan Topology Reconstruction from Tandem Mass Spectra. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2288-2301.	2.8	34
11	Complete Molecular Weight Profiling of Low-Molecular Weight Heparins Using Size Exclusion Chromatography-Ion Suppressor-High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 10654-10660.	6.5	28
12	Glycomic and Proteomic Changes in Aging Brain Nigrostriatal Pathway. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1778-1787.	3.8	27
13	Imaging specific cellular glycan structures using glycosyltransferases via click chemistry. <i>Glycobiology</i> , 2018, 28, 69-79.	2.5	22
14	Lectin-mediated binding and sialoglycans of porcine surfactant protein D synergistically neutralize influenza A virus. <i>Journal of Biological Chemistry</i> , 2018, 293, 10646-10662.	3.4	19
15	Current status and future prospects for ion-mobility mass spectrometry in the biopharmaceutical industry. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140697.	2.3	8