

Bifan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

933
citations

759055

12
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887953

17
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17
docs citations

17
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	Best practices and benchmarks for intact protein analysis for top-down mass spectrometry. <i>Nature Methods</i> , 2019, 16, 587-594.	9.0	241
2	Top-Down Proteomics: Ready for Prime Time?. <i>Analytical Chemistry</i> , 2018, 90, 110-127.	3.2	159
3	Top-Down Proteomics of Large Proteins up to 223 kDa Enabled by Serial Size Exclusion Chromatography Strategy. <i>Analytical Chemistry</i> , 2017, 89, 5467-5475.	3.2	108
4	Online Hydrophobic Interaction Chromatographyâ€“Mass Spectrometry for Top-Down Proteomics. <i>Analytical Chemistry</i> , 2016, 88, 1885-1891.	3.2	83
5	A photocleavable surfactant for top-down proteomics. <i>Nature Methods</i> , 2019, 16, 417-420.	9.0	82
6	Online Hydrophobic Interaction Chromatographyâ€“Mass Spectrometry for the Analysis of Intact Monoclonal Antibodies. <i>Analytical Chemistry</i> , 2018, 90, 7135-7138.	3.2	53
7	Nanoproteomics enables proteoform-resolved analysis of low-abundance proteins in human serum. <i>Nature Communications</i> , 2020, 11, 3903.	5.8	43
8	A Top-Down Proteomics Platform Coupling Serial Size Exclusion Chromatography and Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 3835-3844.	3.2	37
9	Coupling functionalized cobalt ferrite nanoparticle enrichment with online LC/MS/MS for top-down phosphoproteomics. <i>Chemical Science</i> , 2017, 8, 4306-4311.	3.7	34
10	Middle-Down Multi-Attribute Analysis of Antibody-Drug Conjugates with Electron Transfer Dissociation. <i>Analytical Chemistry</i> , 2019, 91, 11661-11669.	3.2	22
11	Reproducible large-scale synthesis of surface silanized nanoparticles as an enabling nanoproteomics platform: Enrichment of the human heart phosphoproteome. <i>Nano Research</i> , 2019, 12, 1473-1481.	5.8	22
12	Impact of Phosphorylation on the Mass Spectrometry Quantification of Intact Phosphoproteins. <i>Analytical Chemistry</i> , 2018, 90, 4935-4939.	3.2	17
13	Comprehensive Characterization of the Recombinant Catalytic Subunit of cAMP-Dependent Protein Kinase by Top-Down Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2561-2570.	1.2	10
14	The Impact of Phosphorylation on Electron Capture Dissociation of Proteins: A Top-Down Perspective. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1805-1814.	1.2	9
15	Rapid Analysis of Reduced Antibody Drug Conjugate by Online LC-MS/MS with Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 15096-15103.	3.2	8
16	Stable Picodisc Assemblies from Saposin Proteins and Branched Detergents. <i>Biochemistry</i> , 2021, 60, 1108-1119.	1.2	2