

Dustin C Frost

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

571
citations

777949

13
h-index

889612

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all docs

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times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly multiplexed quantitative proteomic and phosphoproteomic analyses in vascular smooth muscle cell dedifferentiation. <i>Analytica Chimica Acta</i> , 2020, 1127, 163-173.	2.6	4
2	Integrated Label-Free and 10-Plex DiLeu Isobaric Tag Quantitative Methods for Profiling Changes in the Mouse Hypothalamic Neuropeptidome and Proteome: Assessment of the Impact of the Gut Microbiome. <i>Analytical Chemistry</i> , 2020, 92, 14021-14030.	3.2	11
3	21-plex DiLeu Isobaric Tags for High-Throughput Quantitative Proteomics. <i>Analytical Chemistry</i> , 2020, 92, 8228-8234.	3.2	41
4	Mass Defect-Based DiLeu Tagging for Multiplexed Data-Independent Acquisition. <i>Analytical Chemistry</i> , 2020, 92, 11119-11126.	3.2	18
5	Metandem: An online software tool for mass spectrometry-based isobaric labeling metabolomics. <i>Analytica Chimica Acta</i> , 2019, 1088, 99-106.	2.6	25
6	High-Resolution Enabled 5-plex Mass Defect-Based ϵ -Dimethyl Leucine Tags for Quantitative Proteomics. <i>Analytical Chemistry</i> , 2019, 91, 7991-7995.	3.2	11
7	A yeast display immunoprecipitation screen for targeted discovery of antibodies against membrane protein complexes. <i>Protein Engineering, Design and Selection</i> , 2019, 32, 219-230.	1.0	3
8	HOTMAQ: A Multiplexed Absolute Quantification Method for Targeted Proteomics. <i>Analytical Chemistry</i> , 2019, 91, 2112-2119.	3.2	15
9	Isobaric Multiplex Labeling Reagents for Carbonyl-Containing Compound (SUGAR) Tags: A Probe for Quantitative Glycomic Analysis. <i>Analytical Chemistry</i> , 2019, 91, 3141-3146.	3.2	31
10	Quantitative Glycomic Analysis by Mass-Defect-Based Dimethyl Pyrimidinyl Ornithine (DiPyrO) Tags and High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 7817-7823.	3.2	19
11	Increased N,N-Dimethyl Leucine Isobaric Tag Multiplexing by a Combined Precursor Isotopic Labeling and Isobaric Tagging Approach. <i>Analytical Chemistry</i> , 2018, 90, 10664-10669.	3.2	36
12	Mass Defect-Based ϵ -Dimethyl Leucine Labels for Quantitative Proteomics and Amine Metabolomics of Pancreatic Cancer Cells. <i>Analytical Chemistry</i> , 2017, 89, 1138-1146.	3.2	49
13	Mass Defect-Based Dimethyl Pyrimidinyl Ornithine (DiPyrO) Tags for Multiplex Quantitative Proteomics. <i>Analytical Chemistry</i> , 2017, 89, 10798-10805.	3.2	15
14	High-Throughput Quantitative Proteomics Enabled by Mass Defect-Based 12-Plex DiLeu Isobaric Tags. <i>Methods in Molecular Biology</i> , 2016, 1410, 169-194.	0.4	12
15	Development and characterization of novel 8-plex DiLeu isobaric labels for quantitative proteomics and peptidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1115-1124.	0.7	25
16	High-Resolution Enabled 12-Plex DiLeu Isobaric Tags for Quantitative Proteomics. <i>Analytical Chemistry</i> , 2015, 87, 1646-1654.	3.2	117
17	Biomaterials differentially regulate Src kinases and phosphoinositide 3-kinase- β in polymorphonuclear leukocyte primary and tertiary granule release. <i>Biomaterials</i> , 2015, 50, 47-55.	5.7	7
18	Recent Advances in Mass Spectrometry-Based Glycoproteomics. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 95, 71-123.	1.0	18

#	ARTICLE	IF	CITATIONS
19	Comparison of Two-Dimensional Fractionation Techniques for Shotgun Proteomics. Analytical Chemistry, 2008, 80, 6715-6723.	3.2	114