

# Dustin C Frost

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6338348/dustin-c-frost-publications-by-year.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

450  
citations

11  
h-index

19  
g-index

19  
ext. papers

520  
ext. citations

6.9  
avg, IF

4  
L-index

#	Paper	IF	Citations
19	21-plex DiLeu Isobaric Tags for High-Throughput Quantitative Proteomics. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8228-8234	7.8	20
18	Mass Defect-Based DiLeu Tagging for Multiplexed Data-Independent Acquisition. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 11119-11126	7.8	9
17	Highly multiplexed quantitative proteomic and phosphoproteomic analyses in vascular smooth muscle cell dedifferentiation. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1127, 163-173	6.6	1
16	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> , <b>2020</b> , 92, 14021-14030	7.8	6
15	Metandem: An online software tool for mass spectrometry-based isobaric labeling metabolomics. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1088, 99-106	6.6	16
14	High-Resolution Enabled 5-plex Mass Defect-Based N, N-Dimethyl Leucine Tags for Quantitative Proteomics. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 7991-7995	7.8	8
13	A yeast display immunoprecipitation screen for targeted discovery of antibodies against membrane protein complexes. <i>Protein Engineering, Design and Selection</i> , <b>2019</b> , 32, 219-230	1.9	1
12	HOTMAQ: A Multiplexed Absolute Quantification Method for Targeted Proteomics. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 2112-2119	7.8	11
11	Isobaric Multiplex Labeling Reagents for Carbonyl-Containing Compound (SUGAR) Tags: A Probe for Quantitative Glycomic Analysis. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3141-3146	7.8	22
10	Increased N,N-Dimethyl Leucine Isobaric Tag Multiplexing by a Combined Precursor Isotopic Labeling and Isobaric Tagging Approach. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10664-10669	7.8	26
9	Quantitative Glycomic Analysis by Mass-Defect-Based Dimethyl Pyrimidinyl Ornithine (DiPyrO) Tags and High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7817-7823	7.8	16
8	Mass Defect-Based N,N-Dimethyl Leucine Labels for Quantitative Proteomics and Amine Metabolomics of Pancreatic Cancer Cells. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1138-1146	7.8	39
7	Mass Defect-Based Dimethyl Pyrimidinyl Ornithine (DiPyrO) Tags for Multiplex Quantitative Proteomics. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 10798-10805	7.8	15
6	High-Throughput Quantitative Proteomics Enabled by Mass Defect-Based 12-Plex DiLeu Isobaric Tags. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1410, 169-94	1.4	10
5	Development and characterization of novel 8-plex DiLeu isobaric labels for quantitative proteomics and peptidomics. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 1115-24	2.2	24
4	High-resolution enabled 12-plex DiLeu isobaric tags for quantitative proteomics. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 1646-54	7.8	98
3	Biomaterials differentially regulate Src kinases and phosphoinositide 3-kinase- $\beta$ polymorphonuclear leukocyte primary and tertiary granule release. <i>Biomaterials</i> , <b>2015</b> , 50, 47-55	15.6	6

- |   |  |    |     |
|---|--|----|-----|
| 2 | Recent advances in mass spectrometry-based glycoproteomics. <i>Advances in Protein Chemistry and Structural Biology</i> , <b>2014</b> , 95, 71-123 | 53 | 14  |
| 1 | Comparison of two-dimensional fractionation techniques for shotgun proteomics. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 6715-23             | 78 | 108 |