

# Candice Z Ulmer

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

1,254  
citations

516710

16  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1940  
citing authors

#	ARTICLE	IF	CITATIONS
1	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950—Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017, 58, 2275-2288.	4.2	312
2	LipidMatch: an automated workflow for rule-based lipid identification using untargeted high-resolution tandem mass spectrometry data. <i>BMC Bioinformatics</i> , 2017, 18, 331.	2.6	243
3	Expanding Lipidome Coverage Using LC-MS/MS Data-Dependent Acquisition with Automated Exclusion List Generation. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 908-917.	2.8	156
4	Optimization of Folch, Bligh-Dyer, and Matyash sample-to-extraction solvent ratios for human plasma-based lipidomics studies. <i>Analytica Chimica Acta</i> , 2018, 1037, 351-357.	5.4	95
5	Sorption, photodegradation, and chemical transformation of naproxen and ibuprofen in soils and water. <i>Science of the Total Environment</i> , 2016, 565, 1063-1070.	8.0	58
6	Common cases of improper lipid annotation using high-resolution tandem mass spectrometry data and corresponding limitations in biological interpretation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 766-770.	2.4	58
7	Reference materials for MS-based untargeted metabolomics and lipidomics: a review by the metabolomics quality assurance and quality control consortium (mQACC). <i>Metabolomics</i> , 2022, 18, 24.	3.0	43
8	LipidQC: Method Validation Tool for Visual Comparison to SRM 1950 Using NIST Interlaboratory Comparison Exercise Lipid Consensus Mean Estimate Values. <i>Analytical Chemistry</i> , 2017, 89, 13069-13073.	6.5	37
9	A Review of Efforts to Improve Lipid Stability during Sample Preparation and Standardization Efforts to Ensure Accuracy in the Reporting of Lipid Measurements. <i>Lipids</i> , 2021, 56, 3-16.	1.7	37
10	NIST lipidomics workflow questionnaire: an assessment of community-wide methodologies and perspectives. <i>Metabolomics</i> , 2018, 14, 53.	3.0	33
11	A Robust Lipidomics Workflow for Mammalian Cells, Plasma, and Tissue Using Liquid-Chromatography High-Resolution Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1609, 91-106.	0.9	31
12	Liquid Chromatography-Mass Spectrometry Metabolic and Lipidomic Sample Preparation Workflow for Suspension-Cultured Mammalian Cells using Jurkat T lymphocyte Cells. <i>Journal of Proteomics and Bioinformatics</i> , 2015, 08, 126-132.	0.4	28
13	LipidPioneer : A Comprehensive User-Generated Exact Mass Template for Lipidomics. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 562-565.	2.8	28
14	Environmental lipidomics: understanding the response of organisms and ecosystems to a changing world. <i>Metabolomics</i> , 2020, 16, 56.	3.0	24
15	Software tool for internal standard based normalization of lipids, and effect of data-processing strategies on resulting values. <i>BMC Bioinformatics</i> , 2019, 20, 217.	2.6	21
16	Increased adiposity, inflammation, metabolic disruption and dyslipidemia in adult male offspring of DOSS treated C57BL/6 dams. <i>Scientific Reports</i> , 2019, 9, 1530.	3.3	20
17	Lipidomics for wildlife disease etiology and biomarker discovery: a case study of pansteatitis outbreak in South Africa. <i>Metabolomics</i> , 2019, 15, 38.	3.0	11
18	Examining heat treatment for stabilization of the lipidome. <i>Bioanalysis</i> , 2018, 10, 291-305.	1.5	10