

# Katrina L Leaptrot

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6829351/publications.pdf>

Version: 2024-02-01

9  
papers

817  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformational Ordering of Biomolecules in the Gas Phase: Nitrogen Collision Cross Sections Measured on a Prototype High Resolution Drift Tube Ion Mobility-Mass Spectrometer. <i>Analytical Chemistry</i> , 2014, 86, 2107-2116.	6.5	349
2	Collision cross section compendium to annotate and predict multi-omic compound identities. <i>Chemical Science</i> , 2019, 10, 983-993.	7.4	196
3	Ion mobility conformational lipid atlas for high confidence lipidomics. <i>Nature Communications</i> , 2019, 10, 985.	12.8	121
4	Resolving Power and Collision Cross Section Measurement Accuracy of a Prototype High-Resolution Ion Mobility Platform Incorporating Structures for Lossless Ion Manipulation. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1126-1137.	2.8	43
5	New frontiers in lipidomics analyses using structurally selective ion mobility-mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 316-323.	11.4	37
6	Evaluating Separation Selectivity and Collision Cross Section Measurement Reproducibility in Helium, Nitrogen, Argon, and Carbon Dioxide Drift Gases for Drift Tube Ion Mobility-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1059-1068.	2.8	32
7	Multidimensional Separations of Intact Phase II Steroid Metabolites Utilizing LC-Ion Mobility-MS/MS. <i>Analytical Chemistry</i> , 2021, 93, 10990-10998.	6.5	18
8	Collision Cross Section Conformational Analyses of Bile Acids via Ion Mobility-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1625-1631.	2.8	13
9	High Confidence Shotgun Lipidomics Using Structurally Selective Ion Mobility-Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2021, 2306, 11-37.	0.9	8