

Katrina L Leaptrot

List of Publications by Year in descending order

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9
papers

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838
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| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | 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 |
| 2 | Multidimensional Separations of Intact Phase II Steroid Metabolites Utilizing LC-IMS-MS. <i>Analytical Chemistry</i> , 2021, 93, 10990-10998. | 6.5 | 18 |
| 3 | High Confidence Shotgun Lipidomics Using Structurally Selective Ion Mobility-Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2021, 2306, 11-37. | 0.9 | 8 |
| 4 | Collision Cross Section Conformational Analyses of Bile Acids via Ion Mobility-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1625-1631. | 2.8 | 13 |
| 5 | Collision cross section compendium to annotate and predict multi-omic compound identities. <i>Chemical Science</i> , 2019, 10, 983-993. | 7.4 | 196 |
| 6 | Evaluating Separation Selectivity and Collision Cross Section Measurement Reproducibility in Helium, Nitrogen, Argon, and Carbon Dioxide Drift Gases for Drift Tube Ion Mobility-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1059-1068. | 2.8 | 32 |
| 7 | 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 |
| 8 | Ion mobility conformational lipid atlas for high confidence lipidomics. <i>Nature Communications</i> , 2019, 10, 985. | 12.8 | 121 |
| 9 | 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 |