

Jacob W Mccabe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4799960/publications.pdf>

Version: 2024-02-01

17
papers

381
citations

758635

12
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

436
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Fourier Transform-Ion Mobility-Orbitrap Mass Spectrometer: A Next-Generation Instrument for Native Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 10472-10478. | 3.2 | 59 |
| 2 | Native IM-Orbitrap MS: Resolving what was hidden. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115533. | 5.8 | 33 |
| 3 | Variable-Temperature Electrospray Ionization for Temperature-Dependent Folding/Refolding Reactions of Proteins and Ligand Binding. <i>Analytical Chemistry</i> , 2021, 93, 6924-6931. | 3.2 | 33 |
| 4 | Molecular Mechanism of ISC Iron-Sulfur Cluster Biogenesis Revealed by High-Resolution Native Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2020, 142, 6018-6029. | 6.6 | 30 |
| 5 | THE IMS PARADOX: A PERSPECTIVE ON STRUCTURAL ION MOBILITY MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2021, 40, 280-305. | 2.8 | 29 |
| 6 | First-Principles Collision Cross Section Measurements of Large Proteins and Protein Complexes. <i>Analytical Chemistry</i> , 2020, 92, 11155-11163. | 3.2 | 24 |
| 7 | Selective regulation of human TRAAK channels by biologically active phospholipids. <i>Nature Chemical Biology</i> , 2021, 17, 89-95. | 3.9 | 24 |
| 8 | Binding Selectivity of Methanobactin from <i>Methylophilus trichosporium</i> OB3b for Copper(I), Silver(I), Zinc(II), Nickel(II), Cobalt(II), Manganese(II), Lead(II), and Iron(II). <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2588-2601. | 1.2 | 23 |
| 9 | Development and Evaluation of a Reverse-Entry Ion Source Orbitrap Mass Spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 192-198. | 1.2 | 21 |
| 10 | Discovery of Potent Charge-Reducing Molecules for Native Ion Mobility Mass Spectrometry Studies. <i>Analytical Chemistry</i> , 2020, 92, 11242-11249. | 3.2 | 21 |
| 11 | New insights into the metal-induced oxidative degradation pathways of transthyretin. <i>Chemical Communications</i> , 2019, 55, 4091-4094. | 2.2 | 18 |
| 12 | Temperature Regulates Stability, Ligand Binding (Mg ²⁺ and ATP), and Stoichiometry of GroEL-GroES Complexes. <i>Journal of the American Chemical Society</i> , 2022, 144, 2667-2678. | 6.6 | 18 |
| 13 | Probing the Stability of Insulin Oligomers Using Electrospray Ionization Ion Mobility Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 759-774. | 0.5 | 13 |
| 14 | Development of native MS capabilities on an extended mass range Q-TOF MS. <i>International Journal of Mass Spectrometry</i> , 2020, 458, 116451. | 0.7 | 13 |
| 15 | Entropy in the Molecular Recognition of Membrane Protein-Lipid Interactions. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 12218-12224. | 2.1 | 10 |
| 16 | Implementing Digital-Waveform Technology for Extended <i>m/z</i> Range Operation on a Native Dual-Quadrupole FT-IM-Orbitrap Mass Spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2812-2820. | 1.2 | 9 |
| 17 | Ion Mobility-Mass Spectrometry Techniques for Determining the Structure and Mechanisms of Metal Ion Recognition and Redox Activity of Metal Binding Oligopeptides. <i>Journal of Visualized Experiments</i> , 2019, . . | 0.2 | 3 |