

Jacob W Mccabe

List of Publications by Year in Descending Order

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

16
papers

220
citations

10
h-index

14
g-index

17
ext. papers

300
ext. citations

7.4
avg, IF

3.63
L-index

#	Paper	IF	Citations
16	Implementing Digital-Waveform Technology for Extended / 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	3.5	3
15	Variable-Temperature Electrospray Ionization for Temperature-Dependent Folding/Refolding Reactions of Proteins and Ligand Binding. <i>Analytical Chemistry</i> , 2021 , 93, 6924-6931	7.8	9
14	THE IMS PARADOX: A PERSPECTIVE ON STRUCTURAL ION MOBILITY-MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2021 , 40, 280-305	11	14
13	Selective regulation of human TRAAK channels by biologically active phospholipids. <i>Nature Chemical Biology</i> , 2021 , 17, 89-95	11.7	11
12	Entropy in the Molecular Recognition of Membrane Protein-Lipid Interactions.. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 12218-12224	6.4	3
11	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	16.4	21
10	Development of Native MS Capabilities on an Extended Mass Range Q-TOF MS. <i>International Journal of Mass Spectrometry</i> , 2020 , 458,	1.9	7
9	First-Principles Collision Cross Section Measurements of Large Proteins and Protein Complexes. <i>Analytical Chemistry</i> , 2020 , 92, 11155-11163	7.8	10
8	Discovery of Potent Charge-Reducing Molecules for Native Ion Mobility Mass Spectrometry Studies. <i>Analytical Chemistry</i> , 2020 , 92, 11242-11249	7.8	11
7	Native IM-Orbitrap MS: Resolving What Was Hidden. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 124,	14.6	21
6	New insights into the metal-induced oxidative degradation pathways of transthyretin. <i>Chemical Communications</i> , 2019 , 55, 4091-4094	5.8	16
5	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	3.5	17
4	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 ,	1.6	1
3	Fourier Transform-Ion Mobility-Orbitrap Mass Spectrometer: A Next-Generation Instrument for Native Mass Spectrometry. <i>Analytical Chemistry</i> , 2018 , 90, 10472-10478	7.8	44
2	Binding Selectivity of Methanobactin from <i>Methylosinus 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	3.5	17
1	Probing the stability of insulin oligomers using electrospray ionization ion mobility mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2015 , 21, 759-74	1.1	9