

Michael W Senko

List of Publications by Year in descending order

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28
papers

4,699
citations

257357

24
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

2778
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared Multiphoton Dissociation of Large Multiply Charged Ions for Biomolecule Sequencing. <i>Analytical Chemistry</i> , 1994, 66, 2809-2815.	3.2	724
2	A two-dimensional quadrupole ion trap mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2002, 13, 659-669.	1.2	662
3	External accumulation of ions for enhanced electrospray ionization fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1997, 8, 970-976.	1.2	442
4	Determination of monoisotopic masses and ion populations for large biomolecules from resolved isotopic distributions. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 229-233.	1.2	425
5	Novel Linear Quadrupole Ion Trap/FT Mass Spectrometer: Performance Characterization and Use in the Comparative Analysis of Histone H3 Post-translational Modifications. <i>Journal of Proteome Research</i> , 2004, 3, 621-626.	1.8	361
6	Collisional Activation of Large Multiply Charged Ions Using Fourier Transform Mass Spectrometry. <i>Analytical Chemistry</i> , 1994, 66, 2801-2808.	3.2	288
7	Novel Parallelized Quadrupole/Linear Ion Trap/Orbitrap Tribid Mass Spectrometer Improving Proteome Coverage and Peptide Identification Rates. <i>Analytical Chemistry</i> , 2013, 85, 11710-11714.	3.2	218
8	Electrospray Ionization Fourier Transform Ion Cyclotron Resonance at 9.4 T. , 1996, 10, 1824-1828.		200
9	High-Performance Mass Spectrometry: Fourier Transform Ion Cyclotron Resonance at 14.5 Tesla. <i>Analytical Chemistry</i> , 2008, 80, 3985-3990.	3.2	186
10	Fourier-transform electrospray instrumentation for tandem high-resolution mass spectrometry of large molecules. <i>Journal of the American Society for Mass Spectrometry</i> , 1993, 4, 557-565.	1.2	147
11	Unit resolution mass spectra of 112 kDa molecules with 3 Da accuracy. <i>Journal of the American Society for Mass Spectrometry</i> , 1997, 8, 380-383.	1.2	123
12	Automated assignment of charge states from resolved isotopic peaks for multiply charged ions. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 52-56.	1.2	117
13	Protein Molecular Mass to 1 Da by ¹³ C, ¹⁵ N Double-Depletion and FT-ICR Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 1997, 119, 433-434.	6.6	111
14	High-resolution tandem mass spectra of 37-67 kDa proteins. <i>Journal of Mass Spectrometry</i> , 1995, 30, 39-42.	0.7	88
15	High-resolution tandem mass spectrometry of carbonic anhydrase. <i>Analytical Chemistry</i> , 1994, 66, 415-417.	3.2	81
16	Improved fourier-transform ion-cyclotron-resonance mass spectrometry of large biomolecules. <i>Journal of the American Society for Mass Spectrometry</i> , 1993, 4, 190-192.	1.2	80
17	New and automated MS ⁿ approaches for top-down identification of modified proteins. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 2027-2038.	1.2	70
18	Measurement of Individual Ions Sharply Increases the Resolution of Orbitrap Mass Spectra of Proteins. <i>Analytical Chemistry</i> , 2019, 91, 2776-2783.	3.2	57

#	ARTICLE	IF	CITATIONS
19	Tandem mass spectrometry of carbonic anhydrase (29 kDa). <i>Journal of Mass Spectrometry</i> , 1995, 30, 88-93.	0.7	54
20	Analysis of Combinatorial Libraries Using Electrospray Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 1860-1864.	0.7	52
21	Enhanced Dissociation of Intact Proteins with High Capacity Electron Transfer Dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 520-531.	1.2	51
22	STORI Plots Enable Accurate Tracking of Individual Ion Signals. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2200-2203.	1.2	44
23	Individual Ion Mass Spectrometry Enhances the Sensitivity and Sequence Coverage of Top-Down Mass Spectrometry. <i>Journal of Proteome Research</i> , 2020, 19, 1346-1350.	1.8	36
24	Isotopic Resolution of Protein Complexes up to 466 kDa Using Individual Ion Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 2723-2727.	3.2	32
25	Mass and charge assignment for electrospray ions by cation adduction. <i>Journal of the American Society for Mass Spectrometry</i> , 1993, 4, 828-830.	1.2	25
26	Complete large-molecule high-resolution mass spectra from 50-femtomole microvolume injection. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 220-221.	1.2	14
27	Voltage Rollercoaster Filtering of Low-Mass Contaminants During Native Protein Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 763-767.	1.2	8
28	Mass spectrometry in the development of drugs from traditional medicines. <i>Stem Cells</i> , 1994, 12, 68-73.	1.4	3