Fanny C Liu

List of Publications by Year
in descending order

10	345	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the structural denaturation of biological analytes in trapped ion mobility spectrometry â€“ mass spectrometry. Analyst, The, 2016, 141, 3722-3730.	3.5	80
2	Tandem trapped ion mobility spectrometry. Analyst, The, 2018, 143, 2249-2258.	3.5	54
3	A Transferable, Sample-Independent Calibration Procedure for Trapped Ion Mobility Spectrometry (TIMS). Analytical Chemistry, 2018, 90, 9040-9047.	6.5	54
4	Structure Relaxation Approximation (SRA) for Elucidation of Protein Structures from Ion Mobility Measurements. Journal of Physical Chemistry B, 2019, 123, 2756-2769.	2.6	43
5	Structural Analysis of the Glycoprotein Complex Avidin by Tandem-Trapped Ion Mobility Spectrometryâ€“Mass Spectrometry (Tandem-TIMS/MS). Analytical Chemistry, 2020, 92, 4459-4467.	6.5	33
6	Comment on Effective Temperature and Structural Rearrangement in Trapped Ion Mobility Spectrometry. Analytical Chemistry, 2020, 92, 16329-16333.	6.5	29
7	On the Preservation of Non-covalent Peptide Assemblies in a Tandem-Trapped Ion Mobility Spectrometer-Mass Spectrometer (TIMS-TIMS-MS). Journal of the American Society for Mass Spectrometry, 2019, 30, 1204-1212.	2.8	19
8	Tandemâ€trapped ion mobility spectrometry/mass spectrometry coupled with ultraviolet photodissociation. Rapid Communications in Mass Spectrometry, 2021, 35, e9192.	1.5	11
9	Tandem-trapped ion mobility spectrometry/mass spectrometry (tTIMS/MS): a promising analytical method for investigating heterogenous samples. Analyst, The, 2022, 147, 2317-2337.	3.5	11
10	Tandem Trapped Ion Mobility Spectrometry/Mass Spectrometry (tTIMS/MS) Reveals Sequence-Specific Determinants of Top-Down Protein Fragment Ion Cross Sections. Analytical Chemistry, 2022, 94, 8146-8155.	6.5	11