

Anton N Kozhinov

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

260
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased throughput and ultra-high mass resolution in DESI FT-ICR MS imaging through new-generation external data acquisition system and advanced data processing approaches. <i>Scientific Reports</i> , 2019, 9, 8.	3.3	69
2	High-Resolution Fourier Transform Ion Cyclotron Resonance Mass Spectrometry with Increased Throughput for Biomolecular Analysis. <i>Analytical Chemistry</i> , 2014, 86, 9020-9028.	6.5	43
3	Filter Diagonalization Method-Based Mass Spectrometry for Molecular and Macromolecular Structure Analysis. <i>Analytical Chemistry</i> , 2012, 84, 2850-2856.	6.5	38
4	Least-Squares Fitting of Time-Domain Signals for Fourier Transform Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1263-1273.	2.8	19
5	Ion Trap with Narrow Aperture Detection Electrodes for Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 741-751.	2.8	19
6	Sidebands in Fourier transform ion cyclotron resonance mass spectra. <i>International Journal of Mass Spectrometry</i> , 2012, 325-327, 10-18.	1.5	18
7	Transient-Mediated Simulations of FTMS Isotopic Distributions and Mass Spectra to Guide Experiment Design and Data Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1927-1942.	2.8	16
8	Fourier Transform Ion Cyclotron Resonance Mass Spectrometry at the Cyclotron Frequency. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 768-780.	2.8	14
9	Fourier transform ion cyclotron resonance mass spectrometry at the true cyclotron frequency. <i>Mass Spectrometry Reviews</i> , 2022, 41, 314-337.	5.4	8
10	Multiparticle Simulations of Quadrupolar Ion Detection in an Ion Cyclotron Resonance Cell with Four Narrow Aperture Detection Electrodes. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 51-62.	2.8	7
11	Cyclotron Phase-Coherent Ion Spatial Dispersion in a Non-Quadratic Trapping Potential is Responsible for FT-ICR MS at the Cyclotron Frequency. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 63-77.	2.8	5
12	Narrow Aperture Detection Electrodes ICR Cell with Quadrupolar Ion Detection for FT-ICR MS at the Cyclotron Frequency. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2258-2269.	2.8	4