

Dalton T Snyder

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8212424/dalton-t-snyder-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

38
papers

673
citations

13
h-index

25
g-index

41
ext. papers

786
ext. citations

6.2
avg, IF

4.54
L-index

#	Paper	IF	Citations
38	Miniature and Fieldable Mass Spectrometers: Recent Advances. <i>Analytical Chemistry</i> , 2016 , 88, 2-29	7.8	271
37	Rapid discrimination of bacteria using a miniature mass spectrometer. <i>Analyst, The</i> , 2016 , 141, 1633-6	5	30
36	Experimental Characterization of Secular Frequency Scanning in Ion Trap Mass Spectrometers. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 1243-55	3.5	30
35	Single analyzer precursor scans using an ion trap. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 800-4	2.2	23
34	Linear mass scans in quadrupole ion traps using the inverse Mathieu q scan. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 2369-2378	2.2	22
33	Calibration procedure for secular frequency scanning in ion trap mass spectrometers. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 1190-1196	2.2	21
32	Simple and Minimally Invasive SID Devices for Native Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 11195-11203	7.8	19
31	Multigenerational Collision-Induced Dissociation for Characterization of Organic Compounds. <i>Analytical Chemistry</i> , 2016 , 88, 9572-9581	7.8	18
30	Resonance methods in quadrupole ion traps. <i>Chemical Physics Letters</i> , 2017 , 668, 69-89	2.5	17
29	Simultaneous Online Monitoring of Multiple Reactions Using a Miniature Mass Spectrometer. <i>Analytical Chemistry</i> , 2017 , 89, 6969-6975	7.8	15
28	Single Analyzer Precursor Ion Scans in a Linear Quadrupole Ion Trap Using Orthogonal Double Resonance Excitation. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 1929-1938	3.5	15
27	Single Analyzer Neutral Loss Scans in a Linear Quadrupole Ion Trap Using Orthogonal Double Resonance Excitation. <i>Analytical Chemistry</i> , 2017 , 89, 8148-8155	7.8	14
26	Analysis of bacteria using zero volt paper spray. <i>Analytical Methods</i> , 2016 , 8, 1770-1773	3.2	13
25	Design and Performance of a Second-Generation Surface-Induced Dissociation Cell for Fourier Transform Ion Cyclotron Resonance Mass Spectrometry of Native Protein Complexes. <i>Analytical Chemistry</i> , 2019 , 91, 14049-14057	7.8	13
24	Profiling phenolic glycosides in <i>Populus deltoides</i> and <i>Populus grandidentata</i> by leaf spray ionization tandem mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 870-876	3.2	13
23	Simultaneous and Sequential MS/MS Scan Combinations and Permutations in a Linear Quadrupole Ion Trap. <i>Analytical Chemistry</i> , 2017 , 89, 11053-11060	7.8	12
22	Two-dimensional MS/MS scans on a linear ion trap mass analyzer: Identification of V-series chemical warfare agents. <i>International Journal of Mass Spectrometry</i> , 2019 , 444, 116171	1.9	12

21	Extending the mass range of a miniature ion trap mass spectrometer using the inverse Mathieu q scan. <i>International Journal of Mass Spectrometry</i> , 2017 , 422, 154-161	1.9	12
20	Implementation of Precursor and Neutral Loss Scans on a Miniature Ion Trap Mass Spectrometer and Performance Comparison to a Benchtop Linear Ion Trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 1355-1364	3.5	11
19	Successive Resonances for Ion Ejection at Arbitrary Frequencies in an Ion Trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 1922-1928	3.5	10
18	Precursor and Neutral Loss Scans in an RF Scanning Linear Quadrupole Ion Trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 1345-1354	3.5	9
17	Two-Dimensional Tandem Mass Spectrometry in a Single Scan on a Linear Quadrupole Ion Trap. <i>Analytical Chemistry</i> , 2019 , 91, 13752-13762	7.8	9
16	Logical MS/MS scans: a new set of operations for tandem mass spectrometry. <i>Analyst, The</i> , 2018 , 143, 5438-5452	5	8
15	Multigenerational Broadband Collision-Induced Dissociation of Precursor Ions in a Linear Quadrupole Ion Trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 1914-1921	3.5	7
14	Ion isolation and multigenerational collision-induced dissociation using the inverse Mathieu q scan. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 200-206	2.2	7
13	Surface-Induced Dissociation of Protein Complexes Selected by Trapped Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 5513-5520	7.8	7
12	Native Mass Spectrometry: Recent Progress and Remaining Challenges.. <i>Annual Review of Biophysics</i> , 2022 ,	21.1	6
11	Improving mass assignments in quadrupole ion traps operated using ac scans: Theory and experimental validation. <i>International Journal of Mass Spectrometry</i> , 2017 , 417, 1-7	1.9	5
10	Ion Isolation in a Linear Ion Trap Using Dual Resonance Frequencies. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 1906-1913	3.5	5
9	Unique capabilities of AC frequency scanning and its implementation on a Mars Organic Molecule Analyzer linear ion trap. <i>Analyst, The</i> , 2017 , 142, 2109-2117	5	4
8	Surface-induced Dissociation Mass Spectrometry as a Structural Biology Tool. <i>Chemical Reviews</i> , 2021 ,	68.1	4
7	Surface-induced dissociation of protein complexes on a cyclic ion mobility spectrometer. <i>Analyt, The</i> , 2021 , 146, 6861-6873	5	3
6	Tandem surface-induced dissociation of protein complexes on an ultrahigh resolution platform. <i>International Journal of Mass Spectrometry</i> , 2021 , 461,	1.9	3
5	Triple Resonance Methods to Improve Performance of Ion Trap Precursor and Neutral Loss Scans. <i>Journal of the American Society for Mass Spectrometry</i> , 2020 , 31, 1123-1131	3.5	2
4	Chapter 11:Surface-induced Dissociation in Biomolecular Mass Spectrometry. <i>New Developments in Mass Spectrometry</i> , 2020 , 281-336	2.3	2

3	Miniaturized Mass Spectrometry Instrumentation, Technology, and Applications 2021 , 345-365		1
2	Purification, reconstitution, and mass analysis of archaeal RNase P, a multisubunit ribonucleoprotein enzyme. <i>Methods in Enzymology</i> , 2021 , 659, 71-103	1.7	0
1	Selective Gas-Phase Mass Tagging via Ion/Molecule Reactions Combined with Single Analyzer Neutral Loss Scans to Probe Pharmaceutical Mixtures. <i>Journal of the American Society for Mass Spectrometry</i> , 2019 , 30, 1092-1101	3.5	