

Dalton T Snyder

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8212424/publications.pdf>

Version: 2024-02-01

38
papers

898
citations

516215

16
h-index

476904

29
g-index

41
all docs

41
docs citations

41
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Miniature and Fieldable Mass Spectrometers: Recent Advances. <i>Analytical Chemistry</i> , 2016, 88, 2-29.	3.2	319
2	Native Mass Spectrometry: Recent Progress and Remaining Challenges. <i>Annual Review of Biophysics</i> , 2022, 51, 157-179.	4.5	50
3	Experimental Characterization of Secular Frequency Scanning in Ion Trap Mass Spectrometers. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1243-1255.	1.2	34
4	Rapid discrimination of bacteria using a miniature mass spectrometer. <i>Analyst, The</i> , 2016, 141, 1633-1636.	1.7	32
5	Surface-induced Dissociation Mass Spectrometry as a Structural Biology Tool. <i>Chemical Reviews</i> , 2022, 122, 7442-7487.	23.0	31
6	Resonance methods in quadrupole ion traps. <i>Chemical Physics Letters</i> , 2017, 668, 69-89.	1.2	29
7	Simple and Minimally Invasive SID Devices for Native Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 11195-11203.	3.2	28
8	Single analyzer precursor scans using an ion trap. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 800-804.	0.7	25
9	Linear mass scans in quadrupole ion traps using the inverse Mathieu q scan. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2369-2378.	0.7	25
10	Calibration procedure for secular frequency scanning in ion trap mass spectrometers. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1190-1196.	0.7	23
11	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.	1.2	23
12	Multigenerational Collision-Induced Dissociation for Characterization of Organic Compounds. <i>Analytical Chemistry</i> , 2016, 88, 9572-9581.	3.2	21
13	Two-Dimensional Tandem Mass Spectrometry in a Single Scan on a Linear Quadrupole Ion Trap. <i>Analytical Chemistry</i> , 2019, 91, 13752-13762.	3.2	19
14	Single Analyzer Neutral Loss Scans in a Linear Quadrupole Ion Trap Using Orthogonal Double Resonance Excitation. <i>Analytical Chemistry</i> , 2017, 89, 8148-8155.	3.2	17
15	Analysis of bacteria using zero volt paper spray. <i>Analytical Methods</i> , 2016, 8, 1770-1773.	1.3	16
16	Simultaneous Online Monitoring of Multiple Reactions Using a Miniature Mass Spectrometer. <i>Analytical Chemistry</i> , 2017, 89, 6969-6975.	3.2	16
17	Simultaneous and Sequential MS/MS Scan Combinations and Permutations in a Linear Quadrupole Ion Trap. <i>Analytical Chemistry</i> , 2017, 89, 11053-11060.	3.2	16
18	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.	0.7	16

#	ARTICLE	IF	CITATIONS
19	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.	1.3	14
20	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.	3.2	14
21	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.	1.2	13
22	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.	0.7	12
23	Surface-Induced Dissociation of Protein Complexes Selected by Trapped Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 5513-5520.	3.2	12
24	Surface-induced dissociation of protein complexes on a cyclic ion mobility spectrometer. <i>Analyst</i> , The, 2021, 146, 6861-6873.	1.7	12
25	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.	1.2	11
26	Logical MS/MS scans: a new set of operations for tandem mass spectrometry. <i>Analyst</i> , The, 2018, 143, 5438-5452.	1.7	11
27	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.	1.2	10
28	Ion isolation and multigenerational collision-induced dissociation using the inverse Mathieu q scan. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 200-206.	0.7	8
29	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.	1.2	7
30	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.	1.2	6
31	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.	0.7	6
32	Unique capabilities of AC frequency scanning and its implementation on a Mars Organic Molecule Analyzer linear ion trap. <i>Analyst</i> , The, 2017, 142, 2109-2117.	1.7	5
33	Tandem surface-induced dissociation of protein complexes on an ultrahigh resolution platform. <i>International Journal of Mass Spectrometry</i> , 2021, 461, 116503.	0.7	5
34	A Disulfide-Stabilized $A\beta^2$ that Forms Dimers but Does Not Form Fibrils. <i>Biochemistry</i> , 2022, 61, 252-264.	1.2	4
35	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.	1.2	3
36	Chapter 11. Surface-induced Dissociation in Biomolecular Mass Spectrometry. <i>New Developments in Mass Spectrometry</i> , 2020, , 281-336.	0.2	3

#	ARTICLE	IF	CITATIONS
37	Purification, reconstitution, and mass analysis of archaeal RNase P, a multisubunit ribonucleoprotein enzyme. <i>Methods in Enzymology</i> , 2021, 659, 71-103.	0.4	1
38	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.	1.2	0