

Lucas J Szalwinski

List of Publications by Year in Descending Order

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

15
papers

87
citations

7
h-index

9
g-index

15
ext. papers

112
ext. citations

5.8
avg, IF

2.9
L-index

#	Paper	IF	Citations
15	Bacterial growth monitored by two-dimensional tandem mass spectrometry.. <i>Analyst, The</i> , 2022 ,	5	1
14	Immediate and sensitive detection of sporulated by microwave release and tandem mass spectrometry of dipicolinic acid. <i>Analyst, The</i> , 2021 , 146, 7104-7108	5	1
13	Novel Ion Trap Scan Modes to Develop Criteria for On-Site Detection of Sulfonamide Antibiotics. <i>Analytical Chemistry</i> , 2021 , 93, 13904-13911	7.8	2
12	Complex mixture analysis by two-dimensional mass spectrometry using a miniature ion trap. <i>Talanta Open</i> , 2021 , 3, 100028	5.6	4
11	2D MS/MS Spectra Recorded in the Time Domain Using Repetitive Frequency Sweeps in Linear Quadrupole Ion Traps. <i>Analytical Chemistry</i> , 2020 , 92, 10016-10023	7.8	7
10	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
9	Spin-Spin Coupling Between Two meta-Benzyne Moieties In a Quinolinium Tetraradical Cation Increases Their Reactivities. <i>Chemistry - A European Journal</i> , 2019 , 25, 4472-4477	4.8	5
8	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	
7	Quinoline Triradicals: A Reactivity Study. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6672-6679	16.4	4
6	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
5	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
4	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
3	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
2	Logical MS/MS scans: a new set of operations for tandem mass spectrometry. <i>Analyst, The</i> , 2018 , 143, 5438-5452	5	8
1	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