

Vaughan S Langford

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

410
citations

933447

10
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940533

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17
docs citations

17
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of volatile metabolites produced by bacterial growth in blood culture media by selected ion flow tube mass spectrometry (SIFT-MS). <i>Journal of Microbiological Methods</i> , 2006, 65, 361-365.	1.6	120
2	Negative Reagent Ions for Real Time Detection Using SIFT-MS. <i>Environments - MDPI</i> , 2017, 4, 16.	3.3	44
3	Rapid monitoring of volatile organic compounds: a comparison between gas chromatography/mass spectrometry and selected ion flow tube mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 10-18.	1.5	43
4	Comprehensive odorant analysis for on-line applications using selected ion flow tube mass spectrometry (SIFT-MS). <i>Flavour and Fragrance Journal</i> , 2019, 34, 393-410.	2.6	30
5	Rapid Discrimination and Characterization of Vanilla Bean Extracts by Attenuated Total Reflection Infrared Spectroscopy and Selected Ion Flow Tube Mass Spectrometry. <i>Journal of Food Science</i> , 2012, 77, C284-92.	3.1	29
6	Headspace Analysis of Italian and New Zealand Parmesan Cheeses. <i>Journal of Food Science</i> , 2012, 77, C719-26.	3.1	29
7	Application of Selected Ion Flow Tube-Mass Spectrometry to the Characterization of Monofloral New Zealand Honeys. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 6806-6815.	5.2	20
8	Application of Routine Analysis Procedures to a Direct Mass Spectrometry Technique: Selected Ion Flow Tube Mass Spectrometry (SIFT-MS). <i>Reviews in Separation Sciences</i> , 2021, 3, e21003-e21003.	2.2	17
9	Selected Ion Flow Tube-Mass Spectrometry (SIFT-MS) as an Alternative to Gas Chromatography/Mass Spectrometry (GC/MS) for the Analysis of Cyclohexanone and Cyclohexanol in Plasma. <i>ACS Omega</i> , 2021, 6, 32818-32822.	3.5	14
10	Standard Validation Protocol for Selected Ion Flow Tube Mass Spectrometry Methods Applied to Direct Headspace Analysis of Aqueous Volatile Organic Compounds. <i>Analytical Chemistry</i> , 2021, 93, 8386-8392.	6.5	13
11	Analysis of Volatile Sulfur Compounds in Swiss Cheese Using Selected Ion Flow Tube Mass Spectrometry (SIFT-MS). <i>ACS Symposium Series</i> , 2011, , 153-181.	0.5	12
12	Comprehensive Instrumental Odor Analysis Using SIFT-MS: A Case Study. <i>Environments - MDPI</i> , 2018, 5, 43.	3.3	9
13	Evaluation of the Efficacy of SIFT-MS for Speciation of Wastewater Treatment Plant Odors in Parallel with Human Sensory Analysis. <i>Environments - MDPI</i> , 2020, 7, 90.	3.3	8
14	Multiple Headspace Extraction-Selected Ion Flow Tube Mass Spectrometry (MHE-SIFT-MS). Part 1: A Protocol for Method Development and Transfer to Routine Analysis. <i>Reviews in Separation Sciences</i> , 2022, 4, e22001-e22001.	2.2	8
15	An evaluation of selected ion flow tube mass spectrometry for rapid instrumental determination of paper type, origin and sensory attributes. <i>Packaging Technology and Science</i> , 2021, 34, 245-260.	2.8	7
16	Untargeted selected ion flow tube mass spectrometry headspace analysis: High-throughput differentiation of virgin and recycled polyethylene pellets. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9230.	1.5	5
17	SIFTing Through Flavor—Exploring Real-Time, Real-Life Processes Using SIFT-MS. <i>ACS Symposium Series</i> , 0, , 51-65.	0.5	2