

Michael McCullagh

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

613
citations

759233

12
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

973
citing authors

#	ARTICLE	IF	CITATIONS
1	Profiling of the known-unknown Passiflora variant complement by liquid chromatography - Ion mobility - Mass spectrometry. <i>Talanta</i> , 2021, 221, 121311.	5.5	12
2	Investigations into pesticide charge site isomers using conventional IM and cIM systems. <i>Talanta</i> , 2021, 234, 122604.	5.5	11
3	Travelling Wave Ion Mobility-Derived Collision Cross Section for Mycotoxins: Investigating Interlaboratory and Interplatform Reproducibility. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10937-10943.	5.2	31
4	An Analytical Perspective on Protein Analysis and Discovery Proteomics by Ion Mobility-Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2020, 2084, 161-178.	0.9	2
5	Towards the use of ion mobility mass spectrometry derived collision cross section as a screening approach for unambiguous identification of targeted pesticides in food. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 34-48.	1.5	33
6	A comparison of collision cross section values obtained via travelling wave ion mobility-mass spectrometry and ultra high performance liquid chromatography-ion mobility-mass spectrometry: Application to the characterisation of metabolites in rat urine. <i>Journal of Chromatography A</i> , 2019, 1602, 386-396.	3.7	34
7	Use of ion mobility mass spectrometry to enhance cumulative analytical specificity and separation to profile 6 <i>C</i> / <i>8C</i> glycosylflavone critical isomer pairs and known-unknowns in medicinal plants. <i>Phytochemical Analysis</i> , 2019, 30, 424-436.	2.4	21
8	Investigations into the performance of travelling wave enabled conventional and cyclic ion mobility systems to characterise protomers of fluoroquinolone antibiotic residues. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 11-21.	1.5	40
9	Exploring the Complexity of Steviol Glycosides Analysis Using Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 4585-4595.	6.5	27
10	The metabolism of 4-bromoaniline in the bile-cannulated rat: application of ICPMS (⁷⁹ Br), HPLC-ICPMS & HPLC- <i>oa</i> TOFMS. <i>Xenobiotica</i> , 2015, 45, 672-680.	1.1	3
11	Evaluation and validation of an accurate mass screening method for the analysis of pesticides in fruits and vegetables using liquid chromatography-“quadrupole-time of flight” mass spectrometry with automated detection. <i>Journal of Chromatography A</i> , 2014, 1373, 40-50.	3.7	70
12	Identification of Ion Series Using Ion Mobility Mass Spectrometry: The Example of Alkyl-Benzothiophene and Alkyl-Dibenzothiophene Ions in Diesel Fuels. <i>Analytical Chemistry</i> , 2013, 85, 5530-5534.	6.5	20
13	Baseline resolution of isomers by traveling wave ion mobility mass spectrometry: investigating the effects of polarizable drift gases and ionic charge distribution. <i>Journal of Mass Spectrometry</i> , 2013, 48, 989-997.	1.6	77
14	Separation of isomeric disaccharides by traveling wave ion mobility mass spectrometry using CO ₂ as drift gas. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1643-1647.	1.6	61
15	Study of C- and O-glycosylflavones in sugarcane extracts using liquid chromatography: exact mass measurement mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 483-490.	0.6	41
16	Distinction of the C-glycosylflavone isomer pairs orientin/isoorientin and vitexin/isovitexin using HPLC-MS exact mass measurement and in-source CID. <i>Phytochemical Analysis</i> , 2005, 16, 295-301.	2.4	89
17	Analysis of methylphenidate and its metabolite ritalinic acid in monkey plasma by liquid chromatography/electrospray ionization mass spectrometry. , 2000, 14, 619-623.		41