

Julie Herniman

List of Publications by Year in descending order

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33
papers

1,012
citations

567281

15
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of ultra-high-performance supercritical fluid chromatography-mass spectrometry assays to analyze potential biomarkers in sweat. <i>Journal of Separation Science</i> , 2022, 45, 542-550.	2.5	2
2	Development of ultrahigh-performance liquid chromatography/mass spectrometry and ultrahigh-performance supercritical fluid chromatography/mass spectrometry assays to determine the concentration of Bitrex [®] and sodium saccharin in homemade facemask fit testing solutions. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8848.	1.5	3
3	Synthesis of Ar ₆₀ using molecular surgery. <i>Chemical Communications</i> , 2020, 56, 10521-10524.	4.1	26
4	Quantitative UHPSFC-MS analysis of elemental sulfur in mineral oil via derivatisation with triphenylphosphine: application to corrosive sulfur-related power transformer failure. <i>Analyst</i> , The, 2020, 145, 4782-4786.	3.5	5
5	An Improved Biomimetic Formal Synthesis of Abyssomicin C and <i>atropine</i> -Abyssomicin C. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4547-4557.	2.4	3
6	The expression of anaerobic metabolites in sweat and sebum from human skin subjected to intermittent and continuous mechanical loading. <i>Journal of Tissue Viability</i> , 2019, 28, 186-193.	2.0	11
7	Redox Aluminophosphates: Applying Fundamental Undergraduate Theory To Solve Global Challenges in the Chemical Industry. <i>Journal of Chemical Education</i> , 2019, 96, 2937-2946.	2.3	3
8	First Synthesis and Characterization of CH ₄ @C ₆₀ . <i>Angewandte Chemie</i> , 2019, 131, 5092-5097.	2.0	11
9	First Synthesis and Characterization of CH ₄ @C ₆₀ . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5038-5043.	13.8	81
10	Detection and Quantitation of ACCUTRACE S10, a New Fiscal Marker Used in Low-Duty Fuels, Using a Novel Ultrahigh-Performance Supercritical Fluid Chromatography-Mass Spectrometry Approach. <i>Energy & Fuels</i> , 2018, 32, 10580-10585.	5.1	3
11	<i>In Vitro</i> Anti-Diabetic Activities and Phytochemical Analysis of Bioactive Fractions Present in <i>Meriandra dianthera</i> , <i>Aloe camperi</i> and a Polyherb. <i>American Journal of Plant Sciences</i> , 2017, 08, 533-548.	0.8	3
12	Open Access UHPSFC/MS an additional analytical resource for an academic mass spectrometry facility. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1811-1817.	1.5	6
13	Evaluation of Ultrahigh-Performance Supercritical Fluid Chromatography-Mass Spectrometry as an Alternative Approach for the Analysis of Fatty Acid Methyl Esters in Aviation Turbine Fuel. <i>Energy & Fuels</i> , 2015, 29, 2485-2492.	5.1	9
14	Self-reporting hybridisation assay for miRNA analysis. <i>Analyst</i> , The, 2014, 139, 1088.	3.5	5
15	An anion-binding fluorinated alcohol isophthalamide isostere. <i>RSC Advances</i> , 2014, 4, 5389.	3.6	16
16	Acyliothiureas as anion transporters: the effect of intramolecular hydrogen bonding. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 62-72.	2.8	71
17	Lipophilic balance a new design principle for transmembrane anion carriers. <i>Chemical Science</i> , 2014, 5, 1128.	7.4	68
18	Supramolecular gels for the remediation of reactive organophosphorus compounds. <i>RSC Advances</i> , 2014, 4, 45517-45521.	3.6	16

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19	Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. <i>Chemical Science</i> , 2013, 4, 103-117.	7.4	119
20	A predictive science approach to aid understanding of electrospray ionisation tandem mass spectrometric fragmentation pathways of small molecules using density functional calculations. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 964-970.	1.5	16
21	Small neutral molecular carriers for selective carboxylate transport. <i>Chemical Communications</i> , 2013, 49, 246-248.	4.1	20
22	Towards predictable transmembrane transport: QSAR analysis of anion binding and transport. <i>Chemical Science</i> , 2013, 4, 3036.	7.4	104
23	Self reporting RNA probes as an alternative to cleavable small molecule mass tags. <i>Analyst</i> , 2012, 137, 5817.	3.5	4
24	Dietary Phytosterols Protective Against Peptic Ulceration. <i>Gastroenterology Research</i> , 2011, 4, 149-156.	1.3	11
25	Total Synthesis and Stereochemical Assignment of cis-Uvariamicin I and cis-Reticulatacin. <i>Journal of Organic Chemistry</i> , 2009, 74, 6924-6928.	3.2	17
26	Towards a universal product ion mass spectral library – reproducibility of product ion spectra across eleven different mass spectrometers. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1779-1786.	1.5	66
27	Polyhydroxyalkanoate (PHA) biosynthesis from structurally unrelated carbon sources by a newly characterized <i>Bacillus</i> spp.. <i>Journal of Biotechnology</i> , 2007, 127, 475-487.	3.8	107
28	Rapid Sequencing of Split-and-Mix Peptide Receptor Libraries – Identification of Binding Partners for Val-Val-Ile-Ala in Aqueous Solution. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1345-1356.	2.4	6
29	2B or not 2B, that is the question: further investigations into the use of pencil as a matrix for matrix-assisted laser desorption/ionisation. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 180-190.	1.5	48
30	The use of pencil lead as a matrix and calibrant for matrix-assisted laser desorption/ionisation. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1053-1060.	1.5	86
31	The validation of exact mass measurements for small molecules using FT-ICRMS for improved confidence in the selection of elemental formulas. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1100-1108.	2.8	18
32	Improved precision and accuracy for high-performance liquid chromatography/Fourier transform ion cyclotron resonance mass spectrometric exact mass measurement of small molecules from the simultaneous and controlled introduction of internal calibrants via a second electrospray nebuliser. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 3035-3040.	1.5	13
33	Simplified sample preparation for the analysis of oligonucleotides by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 1717-1723.	1.5	35