

Philip Dunn

List of Publications by Year in Descending Order

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Version: 2024-04-19

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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.

29
papers

267
citations

10
h-index

15
g-index

37
ext. papers

343
ext. citations

2.7
avg, IF

3.44
L-index

#	Paper	IF	Citations
29	The FIRMS Network: An update from the outgoing Chair. <i>Forensic Chemistry</i> , 2022 , 28, 100414	2.8	
28	Standard atomic weights of the elements 2021 (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2022 ,	2.1	3
27	The FIRMS Network's PT scheme: What can be learned about inter-laboratory performance?. <i>Forensic Chemistry</i> , 2021 , 22, 100306	2.8	3
26	Guidance for characterization of in-house reference materials for light element stable isotope analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2021 , 35, e9177	2.2	1
25	Calibration hierarchies for light element isotope delta reference materials. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8711	2.2	6
24	The comparability of the determination of the molar mass of silicon highly enriched in ²⁸ Si: results of the CCQM-P160 interlaboratory comparison and additional external measurements. <i>Metrologia</i> , 2020 , 57, 065028	2.1	1
23	Calibration of boron isotope ratio measurements by MC-ICP-MS using normalisation to admixed internal standards. <i>Journal of Analytical Atomic Spectrometry</i> , 2020 , 35, 2723-2731	3.7	1
22	Recalculation of stable isotope expressions for HCNOS: EasyIsoCalculator. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8892	2.2	2
21	Absolute isotope ratios defining isotope scales used in isotope ratio mass spectrometers and optical isotope instruments. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8890	2.2	2
20	Food Matrix Reference Materials for Hydrogen, Carbon, Nitrogen, Oxygen, and Sulfur Stable Isotope-Ratio Measurements: Collagens, Flours, Honeys, and Vegetable Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 10852-10864	5.7	3
19	Systematic comparison of post-column isotope dilution using LC-CO-IRMS with qNMR for amino acid purity determination. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7207-7220	4.4	2
18	Development and characterisation of new glycine certified reference materials for SI-traceable ¹³ C/ ¹² C isotope amount ratio measurements. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 147-159	3.7	10
17	Practical and theoretical considerations for the determination of $\delta^{15}\text{N}$ values of methylmercury in the environment. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 1122-1136	2.2	2
16	Lessons learned from inter-laboratory studies of carbon isotope analysis of honey. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019 , 59, 9-19	2	11
15	Publication of the second edition of the FIRMS Network's Good Practice Guide for Isotope Ratio Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 149-150	2.2	2
14	Compound-specific amino acid isotopic proxies for distinguishing between terrestrial and aquatic resource consumption. <i>Archaeological and Anthropological Sciences</i> , 2018 , 10, 1-18	1.8	22
13	Hg isotope ratio measurements of methylmercury in fish tissues using HPLC with off line cold vapour generation MC-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018 , 33, 1645-1654	3.7	8

12	Publication of the second edition of the FIRMS good practice guide for isotope ratio mass spectrometry. <i>Isotopes in Environmental and Health Studies</i> , 2018 , 54, 656-657	1.5	4
11	Publication of the second edition of the FIRMS Good Practice Guide for Isotope Ratio Mass Spectrometry. <i>Forensic Chemistry</i> , 2018 , 11, 97	2.8	3
10	Forensic application of stable isotope delta values: Proposed minimum requirements for method validation. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1476-1480	2.2	8
9	CCQM-K140: carbon stable isotope ratio delta values in honey. <i>Metrologia</i> , 2017 , 54, 08005-08005	2.1	6
8	Calibration of Mo isotope amount ratio measurements by MC-ICPMS using normalisation to an internal standard and improved experimental design. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1978-1988	3.7	18
7	Calibration strategies for the determination of stable carbon absolute isotope ratios in a glycine candidate reference material by elemental analyser-isotope ratio mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 3169-80	4.4	11
6	Compound-specific amino acid isotopic proxies for detecting freshwater resource consumption. <i>Journal of Archaeological Science</i> , 2015 , 63, 104-114	2.9	22
5	Global spatial distributions of nitrogen and carbon stable isotope ratios of modern human hair. <i>Rapid Communications in Mass Spectrometry</i> , 2015 , 29, 2111-21	2.2	45
4	Simple spreadsheet templates for the determination of the measurement uncertainty of stable isotope ratio delta values. <i>Rapid Communications in Mass Spectrometry</i> , 2015 , 29, 2184-6	2.2	18
3	Investigation of mass dependence effects for the accurate determination of molybdenum isotope amount ratios by MC-ICP-MS using synthetic isotope mixtures. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 869-82	4.4	13
2	Determination of absolute ¹³ C/ ¹² C isotope amount ratios by MC-ICPMS using calibration with synthetic isotope mixtures. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 1760	3.7	12
1	Comparison of liquid chromatography-isotope ratio mass spectrometry (LC/IRMS) and gas chromatography-combustion-isotope ratio mass spectrometry (GC/C/IRMS) for the determination of collagen amino acid $\delta^{13}\text{C}$ values for palaeodietary and palaeoecological reconstruction. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 2005-2011	2.2	28