

# Philip Dunn

## List of Publications by Citations

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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	Global spatial distributions of nitrogen and carbon stable isotope ratios of modern human hair. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 2111-21	2.2	45
28	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> , <b>2011</b> , 25, 2995-3011	2.2	28
27	Compound-specific amino acid isotopic proxies for distinguishing between terrestrial and aquatic resource consumption. <i>Archaeological and Anthropological Sciences</i> , <b>2018</b> , 10, 1-18	1.8	22
26	Compound-specific amino acid isotopic proxies for detecting freshwater resource consumption. <i>Journal of Archaeological Science</i> , <b>2015</b> , 63, 104-114	2.9	22
25	Simple spreadsheet templates for the determination of the measurement uncertainty of stable isotope ratio delta values. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 2184-6	2.2	18
24	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> , <b>2016</b> , 31, 1978-1988	3.7	18
23	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> , <b>2015</b> , 407, 869-82	4.4	13
22	Determination of absolute $^{13}\text{C}/^{12}\text{C}$ isotope amount ratios by MC-ICPMS using calibration with synthetic isotope mixtures. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2013</b> , 28, 1760	3.7	12
21	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> , <b>2015</b> , 407, 3169-80	4.4	11
20	Lessons learned from inter-laboratory studies of carbon isotope analysis of honey. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2019</b> , 59, 9-19	2	11
19	Development and characterisation of new glycine certified reference materials for SI-traceable $^{13}\text{C}/^{12}\text{C}$ isotope amount ratio measurements. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2019</b> , 34, 147-159	3.7	10
18	Forensic application of stable isotope delta values: Proposed minimum requirements for method validation. <i>Rapid Communications in Mass Spectrometry</i> , <b>2017</b> , 31, 1476-1480	2.2	8
17	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> , <b>2018</b> , 33, 1645-1654	3.7	8
16	Calibration hierarchies for light element isotope delta reference materials. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8711	2.2	6
15	CCQM-K140: carbon stable isotope ratio delta values in honey. <i>Metrologia</i> , <b>2017</b> , 54, 08005-08005	2.1	6
14	Publication of the second edition of the FIRMS good practice guide for isotope ratio mass spectrometry. <i>Isotopes in Environmental and Health Studies</i> , <b>2018</b> , 54, 656-657	1.5	4
13	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> , <b>2020</b> , 68, 10852-10864	5.7	3

12	The FIRMS Network <sup>®</sup> PT scheme: What can be learned about inter-laboratory performance?. <i>Forensic Chemistry</i> , <b>2021</b> , 22, 100306	2.8	3
11	Publication of the second edition of the FIRMS Good Practice Guide for Isotope Ratio Mass Spectrometry. <i>Forensic Chemistry</i> , <b>2018</b> , 11, 97	2.8	3
10	Standard atomic weights of the elements 2021 (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , <b>2022</b> ,	2.1	3
9	Systematic comparison of post-column isotope dilution using LC-CO-IRMS with qNMR for amino acid purity determination. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 7207-7220	4.4	2
8	Practical and theoretical considerations for the determination of $\delta^{15}N$ values of methylmercury in the environment. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 1122-1136	2.2	2
7	Recalculation of stable isotope expressions for HCNOS: EasyIsoCalculator. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8892	2.2	2
6	Absolute isotope ratios defining isotope scales used in isotope ratio mass spectrometers and optical isotope instruments. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8890	2.2	2
5	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> , <b>2019</b> , 33, 149-150	2.2	2
4	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> , <b>2020</b> , 57, 065028	2.1	1
3	Calibration of boron isotope ratio measurements by MC-ICP-MS using normalisation to admixed internal standards. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2020</b> , 35, 2723-2731	3.7	1
2	Guidance for characterization of in-house reference materials for light element stable isotope analysis. <i>Rapid Communications in Mass Spectrometry</i> , <b>2021</b> , 35, e9177	2.2	1
1	The FIRMS Network: An update from the outgoing Chair. <i>Forensic Chemistry</i> , <b>2022</b> , 28, 100414	2.8	