Philip Dunn

List of Publications by Year
in descending order

33 papers	441 citations	687363 13 h-index	752698 20 g-index
37 all docs	37 docs citations	37 times ranked	442 citing authors

#	Article	IF	Citations
1	Global spatial distributions of nitrogen and carbon stable isotope ratios of modern human hair. Rapid Communications in Mass Spectrometry, 2015, 29, 2111-2121.	1.5	57
2	Standard atomic weights of the elements 2021 (IUPAC Technical Report). Pure and Applied Chemistry, 2022, 94, 573-600.	1.9	57
3	Compound-specific amino acid isotopic proxies for distinguishing between terrestrial and aquatic resource consumption. Archaeological and Anthropological Sciences, 2018, 10, 1-18.	1.8	38
4	Comparison of liquid chromatographyâ€“isotope ratio mass spectrometry (LC/IRMS) and gas chromatographyâ€“combustionâ€“isotope ratio mass spectrometry (GC/C/IRMS) for the determination of collagen amino acid Î´¹³C values for palaeodietary and palaeoecological reconstruction. Rapid Communications in Mass Spectrometry, 2011, 25, 2995-3011.	1.5	35
5	Compound-specific amino acid isotopic proxies for detecting freshwater resource consumption. Journal of Archaeological Science, 2015, 63, 104-114.	2.4	30
6	Simple spreadsheet templates for the determination of the measurement uncertainty of stable isotope ratio delta values. Rapid Communications in Mass Spectrometry, 2015, 29, 2184-2186.	1.5	21
7	Calibration of Mo isotope amount ratio measurements by MC-ICPMS using normalisation to an internal standard and improved experimental design. Journal of Analytical Atomic Spectrometry, 2016, 31, 1978-1988.	3.0	18
8	Development and characterisation of new glycine certified reference materials for SI-traceable¹³C/¹²C isotope amount ratio measurements. Journal of Analytical Atomic Spectrometry, 2019, 34, 147-159.	3.0	18
9	Food Matrix Reference Materials for Hydrogen, Carbon, Nitrogen, Oxygen, and Sulfur Stable Isotope-Ratio Measurements: Collagens, Flours, Honeys, and Vegetable Oils. Journal of Agricultural and Food Chemistry, 2020, 68, 10852-10864.	5.2	18
10	Calibration strategies for the determination of stable carbon absolute isotope ratios in a glycine candidate reference material by elemental analyser-isotope ratio mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 3169-3180.	3.7	16
11	Lessons learned from inter-laboratory studies of carbon isotope analysis of honey. Science and Justice - Journal of the Forensic Science Society, 2019, 59, 9-19.	2.1	15
12	Determination of absolute 13C/12C isotope amount ratios by MC-ICPMS using calibration with synthetic isotope mixtures. Journal of Analytical Atomic Spectrometry, 2013, 28, 1760.	3.0	14
13	Investigation of mass dependence effects for the accurate determination of molybdenum isotope amount ratios by MC-ICP-MS using synthetic isotope mixtures. Analytical and Bioanalytical Chemistry, 2015, 407, 869-882.	3.7	13
14	Forensic application of stable isotope delta values: Proposed minimum requirements for method validation. Rapid Communications in Mass Spectrometry, 2017, 31, 1476-1480.	1.5	13
15	Hg isotope ratio measurements of methylmercury in fish tissues using HPLC with off line cold vapour generation MC-ICPMS. Journal of Analytical Atomic Spectrometry, 2018, 33, 1645-1654.	3.0	13
16	Recalculation of stable isotope expressions for HCNOS: EasyIsoCalculator. Rapid Communications in Mass Spectrometry, 2020, 34, e8892.	1.5	9
17	Calibration hierarchies for light element isotope delta reference materials. Rapid Communications in Mass Spectrometry, 2020, 34, e8711.	1.5	7
18	The comparability of the determination of the molar mass of silicon highly enriched in ²⁸Si: results of the CCQM-P160 interlaboratory comparison and additional external measurements. Metrologia, 2020, 57, 065028.	1.2	7

#	Article	IF	Citations
19	CCQM-K140: carbon stable isotope ratio delta values in honey. Metrologia, 2017, 54, 08005-08005.	1.2	6
20	Absolute isotope ratios defining isotope scales used in isotope ratio mass spectrometers and optical isotope instruments. Rapid Communications in Mass Spectrometry, 2020, 34, e8890.	1.5	5
21	The FIRMS Networkâ€™s PT scheme: What can be learned about inter-laboratory performance?. Forensic Chemistry, 2021, 22, 100306.	2.8	5
22	Guidance for characterization of inâ€house reference materials for light element stable isotope analysis. Rapid Communications in Mass Spectrometry, 2021, 35, e9177.	1.5	5
23	Publication of the second edition of the FIRMS good practice guide for isotope ratio mass spectrometry. Isotopes in Environmental and Health Studies, 2018, 54, 656-657.	1.0	4
24	Final report on CCQM-K167: carbon isotope delta measurements of vanillin. Metrologia, 2022, 59, 08004.	1.2	4
25	Publication of the second edition of the FIRMS Good Practice Guide for Isotope Ratio Mass Spectrometry. Forensic Chemistry, 2018, 11, 97.	2.8	3
26	Systematic comparison of post-column isotope dilution using LC-CO-IRMS with qNMR for amino acid purity determination. Analytical and Bioanalytical Chemistry, 2019, 411, 7207-7220.	3.7	3
27	Practical and theoretical considerations for the determination of Î´¹³C_{VPDB} values of methylmercury in the environment. Rapid Communications in Mass Spectrometry, 2019, 33, 1122-1136.	1.5	3
28	Publication of the second edition of the FIRMS Network's Good Practice Guide for Isotope Ratio Mass Spectrometry. Rapid Communications in Mass Spectrometry, 2019, 33, 149-150.	1.5	2
29	Calibration of boron isotope ratio measurements by MC-ICP-MS using normalisation to admixed internal standards. Journal of Analytical Atomic Spectrometry, 2020, 35, 2723-2731.	3.0	2
30	Publication of the second edition of the FIRMS good practice guide for isotope ratio mass spectrometry. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 467-468.	2.1	0
31	Isotope delta challenge. Analytical and Bioanalytical Chemistry, 2021, 413, 5923-5924.	3.7	0
32	Solution to isotope delta challenge. Analytical and Bioanalytical Chemistry, 2022, 414, 2793-2793.	3.7	0
33	The FIRMS Network: An update from the outgoing Chair. Forensic Chemistry, 2022, 28, 100414.	2.8	0