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	Final report on CCQM-K167: carbon isotope delta measurements of vanillin. Metrologia, 2022, 59, 08004.	1.2	4
2	Solution to isotope delta challenge. Analytical and Bioanalytical Chemistry, 2022, 414, 2793-2793.	3.7	0
3	The FIRMS Network: An update from the outgoing Chair. Forensic Chemistry, 2022, 28, 100414.	2.8	0
4	Standard atomic weights of the elements 2021 (IUPAC Technical Report). Pure and Applied Chemistry, 2022, 94, 573-600.	1.9	57
5	The FIRMS Networkâ€™s PT scheme: What can be learned about inter-laboratory performance?. Forensic Chemistry, 2021, 22, 100306.	2.8	5
6	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
7	Isotope delta challenge. Analytical and Bioanalytical Chemistry, 2021, 413, 5923-5924.	3.7	0
8	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
9	Recalculation of stable isotope expressions for HCNOS: EasyIsoCalculator. Rapid Communications in Mass Spectrometry, 2020, 34, e8892.	1.5	9
10	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
11	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
12	Calibration hierarchies for light element isotope delta reference materials. Rapid Communications in Mass Spectrometry, 2020, 34, e8711.	1.5	7
13	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
14	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
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	Publication of the second edition of the FIRMS Good Practice Guide for Isotope Ratio Mass Spectrometry. Forensic Chemistry, 2018, 11, 97.	2.8	3
23	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
24	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
25	CCQM-K140: carbon stable isotope ratio delta values in honey. Metrologia, 2017, 54, 08005-08005.	1.2	6
26	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
27	Compound-specific amino acid isotopic proxies for detecting freshwater resource consumption. Journal of Archaeological Science, 2015, 63, 104-114.	2.4	30
28	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
29	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
30	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
31	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
32	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
33	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