

Philip Dunn

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

441
citations

686830

13
h-index

752256

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. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2111-2121.	0.7	57
2	Standard atomic weights of the elements 2021 (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2022, 94, 573-600.	0.9	57
3	Compound-specific amino acid isotopic proxies for distinguishing between terrestrial and aquatic resource consumption. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1-18.	0.7	38
4	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 ^{13}C values for palaeodietary and palaeoecological reconstruction. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2995-3011.	0.7	35
5	Compound-specific amino acid isotopic proxies for detecting freshwater resource consumption. <i>Journal of Archaeological Science</i> , 2015, 63, 104-114.	1.2	30
6	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, 2184-2186.	0.7	21
7	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.	1.6	18
8	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> , 2019, 34, 147-159.	1.6	18
9	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.	2.4	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. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3169-3180.	1.9	16
11	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.	1.3	15
12	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> , 2013, 28, 1760.	1.6	14
13	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, 869-882.	1.9	13
14	Forensic application of stable isotope delta values: Proposed minimum requirements for method validation. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1476-1480.	0.7	13
15	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.	1.6	13
16	Recalculation of stable isotope expressions for HCNOS: EasyIsoCalculator. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8892.	0.7	9
17	Calibration hierarchies for light element isotope delta reference materials. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8711.	0.7	7
18	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.	0.6	7

#	ARTICLE	IF	CITATIONS
19	CCQM-K140: carbon stable isotope ratio delta values in honey. Metrologia, 2017, 54, 08005-08005.	0.6	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.	0.7	5
21	The FIRMS Network's PT scheme: What can be learned about inter-laboratory performance?. Forensic Chemistry, 2021, 22, 100306.	1.7	5
22	Guidance for characterization of in-house reference materials for light element stable isotope analysis. Rapid Communications in Mass Spectrometry, 2021, 35, e9177.	0.7	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.	0.5	4
24	Final report on CCQM-K167: carbon isotope delta measurements of vanillin. Metrologia, 2022, 59, 08004.	0.6	4
25	Publication of the second edition of the FIRMS Good Practice Guide for Isotope Ratio Mass Spectrometry. Forensic Chemistry, 2018, 11, 97.	1.7	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.	1.9	3
27	Practical and theoretical considerations for the determination of $^{13}\text{C}_{\text{VPDB}}$ values of methylmercury in the environment. Rapid Communications in Mass Spectrometry, 2019, 33, 1122-1136.	0.7	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.	0.7	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.	1.6	2
30	Isotope delta challenge. Analytical and Bioanalytical Chemistry, 2021, 413, 5923-5924.	1.9	0
31	Solution to isotope delta challenge. Analytical and Bioanalytical Chemistry, 2022, 414, 2793-2793.	1.9	0
32	The FIRMS Network: An update from the outgoing Chair. Forensic Chemistry, 2022, 28, 100414.	1.7	0