Harro A J Meijer

List of Publications by Year
in descending order

33	1,784	623734	477307
papers	citations	14 h-index	29 g-index

33	33	33	2716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Table of Standard Atomic Weightsâ€"An exercise in consensus. Rapid Communications in Mass Spectrometry, 2022, 36, e8864.	1.5	3
2	An automated method for thermal-optical separation of aerosol organic/elemental carbon for 13C analysis at the sub-Î¼gC level: A comprehensive assessment. Science of the Total Environment, 2022, 804, 150031.	8.0	5
3	Final report on pilot study CCQM-P211: carbon isotope delta measurements of vanillin. Metrologia, 2022, 59, 08005.	1.2	1
4	First use of triply labelled water analysis for energy expenditure measurements in mice. Scientific Reports, 2022, 12, 6351.	3.3	1
5	USGS44, a new highâ€purity calcium carbonate reference material for Î´¹³C measurements. Rapid Communications in Mass Spectrometry, 2021, 35, e9006.	1.5	16
6	A stable isotope toolbox for water and inorganic carbon cycle studies. Nature Reviews Earth & Environment, 2021, 2, 699-719.	29.7	7
7	AN INDEPENDENT ASSESSMENT OF UNCERTAINTY FOR RADIOCARBON ANALYSIS WITH THE NEW GENERATION HIGH-YIELD ACCELERATOR MASS SPECTROMETERS. Radiocarbon, 2021, 63, 1-22.	1.8	15
8	Radiocarbon Dating at Groningen: New and Updated Chemical Pretreatment Procedures. Radiocarbon, 2020, 62, 63-74.	1.8	58
9	Absolute isotope ratios of carbon dioxide â€“ a feasibility study. Journal of Analytical Atomic Spectrometry, 2020, 35, 2545-2564.	3.0	0
10	Short-term, but not long-term, increased day time workload leads to decreased night time energetics in a free living song bird. Journal of Experimental Biology, 2019, 222, .	1.7	1
11	High Contribution of Biomass Combustion to PM2.5 in the City Centre of Naples (Italy). Atmosphere, 2019, 10, 451.	2.3	9
12	Iceâ€"liquid isotope fractionation factors for 18O and 2H deduced from the isotopic correction constants for the triple point of water. Isotopes in Environmental and Health Studies, 2018, 54, 304-311.	1.0	4
13	Compatibility of Atmospheric ¹⁴CO₂ Measurements: Comparing the Heidelberg Low-Level Counting Facility to International Accelerator Mass Spectrometry (AMS) Laboratories. Radiocarbon, 2017, 59, 875-883.	1.8	15
14	Evaluation and Inter-Comparison of Oxygen-Based OC-EC Separation Methods for Radiocarbon Analysis of Ambient Aerosol Particle Samples. Atmosphere, 2017, 8, 226.	2.3	17
15	Contamination on AMS Sample Targets by Modern Carbon is Inevitable. Radiocarbon, 2016, 58, 407-418.	1.8	9
16	Total energy expenditure assessed by salivary doubly labelled water analysis and its relevance for shortâ€term energy balance in humans. Rapid Communications in Mass Spectrometry, 2016, 30, 143-150.	1.5	4
17	Reply to Comment Submitted by Murnick et al. on â€œIntracavity OptoGalvanic Spectroscopy Not Suitable for Ambient Level Radiocarbon Detectionâ€. Analytical Chemistry, 2016, 88, 4574-4577.	6.5	0
18	Organic Reference Materials for Hydrogen, Carbon, and Nitrogen Stable Isotope-Ratio Measurements: Caffeines, n-Alkanes, Fatty Acid Methyl Esters, Glycines, <scp>L</scp>-Valines, Polyethylenes, and Oils. Analytical Chemistry, 2016, 88, 4294-4302.	6.5	126

#	Article	IF	Citations
19	Greenland meltwater storage in firn limited by near-surface ice formation. Nature Climate Change, 2016, 6, 390-393.	18.8	156
20	A new highâ€quality set of singly (²H) and doubly (²H and ¹⁸O) stable isotope labeled reference waters for biomedical and other isotopeâ€labeled research. Rapid Communications in Mass Spectrometry, 2015, 29, 311-321.	1.5	15
21	A thoroughly validated spreadsheet for calculating isotopic abundances (²H,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf5 Communications in Mass Spectrometry, 2015, 29, 1351-1356.	1.5	10
22	Constraints on the Î´²H diffusion rate in firn from field measurements at Summit, Greenland. Cryosphere, 2015, 9, 1089-1103.	3.9	5
23	Estimation and calibration of the water isotope differential diffusion length in ice core records. Cryosphere, 2015, 9, 1601-1616.	3.9	14
24	Intracavity OptoGalvanic Spectroscopy Not Suitable for Ambient Level Radiocarbon Detection. Analytical Chemistry, 2015, 87, 9025-9032.	6.5	11
25	On-Line Hydrogen-Isotope Measurements of Organic Samples Using Elemental Chromium: An Extension for High Temperature Elemental-Analyzer Techniques. Analytical Chemistry, 2015, 87, 5198-5205.	6.5	77
26	Leak detection of CO2 pipelines with simple atmospheric CO2 sensors for carbon capture and storage. International Journal of Greenhouse Gas Control, 2013, 19, 420-431.	4.6	19
27	Inverse carbon dioxide flux estimates for the Netherlands. Journal of Geophysical Research, 2012, 117, .	3.3	24
28	CO₂, Î´O₂/N₂ and APO: observations from the Lutjewad, Mace Head and F3 platform flask sampling network. Atmospheric Chemistry and Physics, 2010, 10, 10691-10704.	4.9	15
29	Stable isotope quality assurance using the â€˜Calibrated IRMSâ€™ strategy. Isotopes in Environmental and Health Studies, 2009, 45, 150-163.	1.0	11
30	New Guidelines forÎ´13C Measurements. Analytical Chemistry, 2006, 78, 2439-2441.	6.5	762
31	High-Accuracy ¹⁴C Measurements for Atmospheric CO₂ Samples by AMS. Radiocarbon, 2006, 48, 355-372.	1.8	33
32	After two decades a second anchor for the VPDBÎ´13C scale. Rapid Communications in Mass Spectrometry, 2006, 20, 3165-3166.	1.5	147
33	The Use of Electrolysis for Accurate Î´¹⁷O and Î´¹⁸O Isotope Measurements in Water. Isotopes in Environmental and Health Studies, 1998, 34, 349-369.	1.0	194