Manfred GrÃ¶ning

List of Publications by Year
in descending order

17 papers	3,205 citations	623188 14 h-index	940134 16 g-index
20 all docs	20 docs citations	20 times ranked	4270 citing authors

#	Article	IF	Citations
1	New Guidelines forÎ´13C Measurements. Analytical Chemistry, 2006, 78, 2439-2441.	3.2	762
2	Isotopic compositions of the elements 2013 (IUPAC Technical Report). Pure and Applied Chemistry, 2016, 88, 293-306.	0.9	534
3	Atomic weights of the elements 2013 (IUPAC Technical Report). Pure and Applied Chemistry, 2016, 88, 265-291.	0.9	518
4	Atomic weights of the elements 2011 (IUPAC Technical Report). Pure and Applied Chemistry, 2013, 85, 1047-1078.	0.9	348
5	Intercomparison of Boron Isotope and Concentration Measurements. Part I: Selection, Preparation and Homogeneity Tests of the Intercomparison Materials. Geostandards and Geoanalytical Research, 2003, 27, 21-39.	1.7	171
6	Comprehensive interâ€laboratory calibration of reference materials for Î´¹⁸O versus VSMOW using various onâ€line highâ€temperature conversion techniques. Rapid Communications in Mass Spectrometry, 2009, 23, 999-1019.	0.7	167
7	After two decades a second anchor for the VPDBÎ´13C scale. Rapid Communications in Mass Spectrometry, 2006, 20, 3165-3166.	0.7	147
8	Intercomparison of Boron Isotope and Concentration Measurements. Part II: Evaluation of Results. Geostandards and Geoanalytical Research, 2003, 27, 41-57.	1.7	139
9	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.	3.2	126
10	New ¹⁴C Reference Materials with Activities of 15 and 50 pMC. Radiocarbon, 1997, 40, 295-297.	0.8	66
11	Standard atomic weights of the elements 2021 (IUPAC Technical Report). Pure and Applied Chemistry, 2022, 94, 573-600.	0.9	57
12	Improved water Î´²H and Î´¹⁸O calibration and calculation of measurement uncertainty using a simple software tool. Rapid Communications in Mass Spectrometry, 2011, 25, 2711-2720.	0.7	50
13	International Stable Isotope Reference Materials. , 2004, , 874-906.		46
14	Uncertainty assessment of environmental tritium measurements in water. Accreditation and Quality Assurance, 2003, 8, 359-366.	0.4	36
15	Metrological Characteristics of the Conventional Measurement Scales for Hydrogen and Oxygen Stable Isotope Amount Ratios: The Î´-Scales. Special Publication - Royal Society of Chemistry, 2006, , 62-72.	0.0	15
16	Characterisation of new reference materials IAEAâ€610, IAEAâ€611 and IAEAâ€612 aimed at the VPDB Î´¹³C scale realisation with small uncertainty. Rapid Communications in Mass Spectrometry, 2021, 35, e9014.	0.7	13
17	On the metrological traceability and hierarchy of stable isotope reference materials aimed at realisation of the VPDB scale: Revision of the VPDBÎ´¹³C scale based on multipoint scaleâ€anchoring RMs. Rapid Communications in Mass Spectrometry, 2021, 35, e9018.	0.7	10