Manfred GrÃ¶ning

List of Publications by Year
in descending order

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17	3,205	623734	940533
papers	citations	14 h-index	16 g-index

20	20	20	4270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Standard atomic weights of the elements 2021 (IUPAC Technical Report). Pure and Applied Chemistry, 2022, 94, 573-600.	1.9	57
2	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.	1.5	13
3	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.	1.5	10
4	Atomic weights of the elements 2013 (IUPAC Technical Report). Pure and Applied Chemistry, 2016, 88, 265-291.	1.9	518
5	Isotopic compositions of the elements 2013 (IUPAC Technical Report). Pure and Applied Chemistry, 2016, 88, 293-306.	1.9	534
6	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
7	Atomic weights of the elements 2011 (IUPAC Technical Report). Pure and Applied Chemistry, 2013, 85, 1047-1078.	1.9	348
8	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.	1.5	50
9	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.	1.5	167
10	New Guidelines forÎ´13C Measurements. Analytical Chemistry, 2006, 78, 2439-2441.	6.5	762
11	After two decades a second anchor for the VPDBÎ´13C scale. Rapid Communications in Mass Spectrometry, 2006, 20, 3165-3166.	1.5	147
12	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
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.	0.8	36
15	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.	3.1	171
16	Intercomparison of Boron Isotope and Concentration Measurements. Part II: Evaluation of Results. Geostandards and Geoanalytical Research, 2003, 27, 41-57.	3.1	139
17	New ¹⁴C Reference Materials with Activities of 15 and 50 pMC. Radiocarbon, 1997, 40, 295-297.	1.8	66