

# Manfred GrÄjning

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

3,205  
citations

623734

14  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

4270  
citing authors

#	ARTICLE	IF	CITATIONS
1	New Guidelines for $\delta^{13}\text{C}$ Measurements. <i>Analytical Chemistry</i> , 2006, 78, 2439-2441.	6.5	762
2	Isotopic compositions of the elements 2013 (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2016, 88, 293-306.	1.9	534
3	Atomic weights of the elements 2013 (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2016, 88, 265-291.	1.9	518
4	Atomic weights of the elements 2011 (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2013, 85, 1047-1078.	1.9	348
5	Intercomparison of Boron Isotope and Concentration Measurements. Part I: Selection, Preparation and Homogeneity Tests of the Intercomparison Materials. <i>Geostandards and Geoanalytical Research</i> , 2003, 27, 21-39.	3.1	171
6	Comprehensive inter-laboratory calibration of reference materials for $\delta^{18}\text{O}$ versus VSMOW using various online high-temperature conversion techniques. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 999-1019.	1.5	167
7	After two decades a second anchor for the VPDB $\delta^{13}\text{C}$ scale. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3165-3166.	1.5	147
8	Intercomparison of Boron Isotope and Concentration Measurements. Part II: Evaluation of Results. <i>Geostandards and Geoanalytical Research</i> , 2003, 27, 41-57.	3.1	139
9	Organic Reference Materials for Hydrogen, Carbon, and Nitrogen Stable Isotope-Ratio Measurements: Caffeines, n-Alkanes, Fatty Acid Methyl Esters, Glycines, Valines, Polyethylenes, and Oils. <i>Analytical Chemistry</i> , 2016, 88, 4294-4302.	6.5	126
10	New $\delta^{14}\text{C}$ Reference Materials with Activities of 15 and 50 pMC. <i>Radiocarbon</i> , 1997, 40, 295-297.	1.8	66
11	Standard atomic weights of the elements 2021 (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2022, 94, 573-600.	1.9	57
12	Improved water $\delta^2\text{H}$ and $\delta^{18}\text{O}$ calibration and calculation of measurement uncertainty using a simple software tool. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2711-2720.	1.5	50
13	International Stable Isotope Reference Materials. , 2004, , 874-906.		46
14	Uncertainty assessment of environmental tritium measurements in water. <i>Accreditation and Quality Assurance</i> , 2003, 8, 359-366.	0.8	36
15	Metrological Characteristics of the Conventional Measurement Scales for Hydrogen and Oxygen Stable Isotope Amount Ratios: The $\delta$ -Scales. <i>Special Publication - Royal Society of Chemistry</i> , 2006, , 62-72.	0.0	15
16	Characterisation of new reference materials IAEA-610, IAEA-611 and IAEA-612 aimed at the VPDB $\delta^{13}\text{C}$ scale realisation with small uncertainty. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9014.	1.5	13
17	On the metrological traceability and hierarchy of stable isotope reference materials aimed at realisation of the VPDB scale: Revision of the VPDB $\delta^{13}\text{C}$ scale based on multipoint scale-anchoring RMs. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9018.	1.5	10