

Michael E Wieser

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,987
citations

304743

22
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

3130
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotopic compositions of the elements 2009 (IUPAC Technical Report). Pure and Applied Chemistry, 2011, 83, 397-410.	1.9	730
2	Atomic weights of the elements 2005 (IUPAC Technical Report). Pure and Applied Chemistry, 2006, 78, 2051-2066.	1.9	405
3	Atomic weights of the elements 2011 (IUPAC Technical Report). Pure and Applied Chemistry, 2013, 85, 1047-1078.	1.9	348
4	Atomic weights of the elements 2009 (IUPAC Technical Report). Pure and Applied Chemistry, 2010, 83, 359-396.	1.9	225
5	Atomic weights of the elements 2007 (IUPAC Technical Report). Pure and Applied Chemistry, 2009, 81, 2131-2156.	1.9	176
6	The development of multiple collector mass spectrometry for isotope ratio measurements. International Journal of Mass Spectrometry, 2005, 242, 97-115.	1.5	164
7	High precision calcium isotope ratio measurements using a magnetic sector multiple collector inductively coupled plasma mass spectrometer. Journal of Analytical Atomic Spectrometry, 2004, 19, 844.	3.0	92
8	Molybdenum isotope variations in molybdenite: Vapor transport and Rayleigh fractionation of Mo. Geology, 2007, 35, 703.	4.4	79
9	The influence of organic matter on the boron isotope geochemistry of the gulf coast sedimentary basin, USA. Chemical Geology, 2001, 174, 445-461.	3.3	72
10	IUPAC Periodic Table of the Elements and Isotopes (IPTEI) for the Education Community (IUPAC) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 3	1.9	66
11	Determination of the geographical origin of green coffee by principal component analysis of carbon, nitrogen and boron stable isotope ratios. Rapid Communications in Mass Spectrometry, 2005, 19, 2111-2115.	1.5	65
12	Molybdenum isotopic evidence for oxic marine conditions during the latest Permian extinction. Geology, 2013, 41, 967-970.	4.4	59
13	Standard atomic weights of the elements 2021 (IUPAC Technical Report). Pure and Applied Chemistry, 2022, 94, 573-600.	1.9	57
14	Variations in the boron isotope composition of Coffea arabica beans. Applied Geochemistry, 2001, 16, 317-322.	3.0	54
15	A preliminary study of isotope fractionation in molybdenites. International Journal of Mass Spectrometry, 2003, 225, 177-183.	1.5	38
16	Absolute isotopic composition of molybdenum and the solar abundances of the p-process nuclides Mo92,94. Physical Review C, 2007, 75, .	2.9	36
17	Antibiotic treatment affects the expression levels of copper transporters and the isotopic composition of copper in the colon of mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5955-5960.	7.1	35
18	Thermal ionization mass spectrometry of molybdenum isotopes. International Journal of Mass Spectrometry, 2000, 197, 253-261.	1.5	33

#	ARTICLE	IF	CITATIONS
19	Isotope fractionation studies of molybdenum. International Journal of Mass Spectrometry, 2007, 265, 40-48.	1.5	31
20	Evidence of the double β decay of zirconium-96 measured in 1.8 \AA –109-year-old zircons. Physical Review C, 2001, 64, .	2.9	30
21	The absolute isotopic composition and atomic weight of molybdenum in SRM 3134 using an isotopic double-spike. Journal of Analytical Atomic Spectrometry, 2014, 29, 85-94.	3.0	28
22	Single and Double Beta-Decay Q Values among the Triplet Zr	7.8	23
23	The expression levels of cellular prion protein affect copper isotopic shifts in the organs of mice. Journal of Analytical Atomic Spectrometry, 2016, 31, 2015-2022.	3.0	22
24	Computational modelling of the redistribution of copper isotopes by proteins in the liver. Metallomics, 2017, 9, 1809-1819.	2.4	20
25	Concentration measurements and isotopic composition of airborne molybdenum collected in an urban environment. Analytical and Bioanalytical Chemistry, 2013, 405, 2957-2963.	3.7	19
26	Mass Measurements of Neutron-Deficient Yb Isotopes and Nuclear Structure at the Extreme Proton-Rich Side of the $N=82$ Shell. Physical Review Letters, 2021, 127, 112501.	7.8	18
27	Molybdenum Concentrations Measured in Eleven USGS Geochemical Reference Materials by Isotope Dilution Thermal Ionisation Mass Spectrometry. Geostandards and Geoanalytical Research, 2000, 24, 275-279.	3.1	14
28	Molybdenum isotope mass fractionation in iron meteorites. International Journal of Mass Spectrometry, 2009, 286, 98-103.	1.5	10
29	Utility of a multi-tracer approach as a component of adaptive monitoring for municipal wastewater impacts. Water Quality Research Journal of Canada, 2020, 55, 327-341.	2.7	8
30	Mass determination near $N=20$ for Al and Na isotopes. Physical Review C, 2017, 96, .	2.0	7
31	Clarification of the term "normal material" used for standard atomic weights (IUPAC Technical) Tj ETQq1 1 0.784314 rgBT /Over	1.9	7
32	Fission yields of molybdenum in the Oklo natural reactor. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 949-954.	1.5	5
33	Iron cycling in the anoxic cryo-ecosystem of Antarctic Lake Vida. Biogeochemistry, 2017, 134, 17-27.	3.5	3
34	Assessing the potential of online ICP-MS analysis to optimize Ca/matrix separation using DGA Resin for subsequent isotopic analysis. Monatshefte für Chemie, 2021, 152, 401-410.	1.8	1
35	Isotope Ratio Studies Using Mass Spectrometry*. , 1999, , 1224-1236.		0
36	Mathematical and numerical modelling of copper transport in yeast. Journal of Physics Communications, 0, , .	1.2	0