Ludwik Halicz

List of Publications by Year
in descending order

58 papers	3,230 citations	201674 27 h-index	144013 57 g-index
59 all docs	59 docs citations	59 times ranked	2915 citing authors

#	Article	IF	Citations
1	Magnesium isotope heterogeneity of the isotopic standard SRM980 and new reference materials for magnesium-isotope-ratio measurements. Journal of Analytical Atomic Spectrometry, 2003, 18, 1352.	3.0	367
2	Carbon and oxygen isotope study of the active water-carbonate system in a karstic Mediterranean cave: Implications for paleoclimate research in semiarid regions. Geochimica Et Cosmochimica Acta, 1996, 60, 337-347.	3.9	261
3	Mg isotopic composition of carbonate: insight from speleothem formation. Earth and Planetary Science Letters, 2002, 201, 105-115.	4.4	221
4	High-precision measurement of magnesium isotopes by multiple-collector inductively coupled plasma mass spectrometry. International Journal of Mass Spectrometry, 2001, 208, 89-98.	1.5	218
5	Tracing the transport of anthropogenic lead in the atmosphere and in soils using isotopic ratios. Geochimica Et Cosmochimica Acta, 1997, 61, 4495-4505.	3.9	217
6	Distribution of natural and anthropogenic lead in Mediterranean soils. Geochimica Et Cosmochimica Acta, 2001, 65, 2853-2864.	3.9	193
7	Copper isotope fractionation in sedimentary copper mineralization (Timna Valley, Israel). Chemical Geology, 2007, 243, 238-254.	3.3	148
8	Quantitative analysis of silicates using LA-ICP-MS with liquid calibration. Journal of Analytical Atomic Spectrometry, 2004, 19, 1539-1545.	3.0	120
9	High-precision measurement of calcium isotopes in carbonates and related materials by multiple collector inductively coupled plasma mass spectrometry (MC-ICP-MS). Journal of Analytical Atomic Spectrometry, 1999, 14, 1835-1838.	3.0	114
10	Strontium stable isotopes fractionate in the soil environments?. Earth and Planetary Science Letters, 2008, 272, 406-411.	4.4	108
11	Direct high-precision measurements of the 87Sr/86Sr isotope ratio in natural water, carbonates and related materials by multiple collector inductively coupled plasma mass spectrometry (MC-ICP-MS). Journal of Analytical Atomic Spectrometry, 2001, 16, 1389-1392.	3.0	93
12	Controls on iron-isotope fractionation in organic-rich sediments (Kimmeridge Clay, Upper Jurassic,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.9	80
13	Fluid speciation controls of low temperature copper isotope fractionation applied to the Kupferschiefer and Timna ore deposits. Chemical Geology, 2009, 262, 147-158.	3.3	79
14	Flow injection method for determination of uranium in urine and serum by inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 1996, 334, 295-301.	5.4	73
15	Diagenetic effects on the distribution of uranium in live and Holocene corals from the Gulf of Aqaba. Geochimica Et Cosmochimica Acta, 2004, 68, 4583-4593.	3.9	62
16	The influence of rainfall on metal concentration and behavior in the soil. Geochimica Et Cosmochimica Acta, 1999, 63, 3499-3511.	3.9	61
17	High precision determination of bromine isotope ratio by GC-MC-ICPMS. International Journal of Mass Spectrometry, 2010, 289, 167-169.	1.5	58
18	44Ca/42Ca and 143Nd/144Nd isotope variations in Cretaceousâ€“Eocene Tethyan francolites and their bearing on phosphogenesis in the southern Tethys. Geology, 2004, 32, 389.	4.4	41

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19	Determination of germanium in silicate rocks and sulphide ores by hydride generation and flame atomic-absorption spectrophotometry. Analyst, The, 1985, 110, 943.	3.5	36
20	High precision determination of chromium isotope ratios in geological samples by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2008, 23, 1622.	3.0	36
21	Bromine and Carbon Isotope Effects during Photolysis of Brominated Phenols. Environmental Science & Technology, 2013, 47, 14147-14153.	10.0	36
22	Determination of 226Ra at ultratrace level in mineral water samples by sector field inductively coupled plasma mass spectrometry. Journal of Environmental Monitoring, 2005, 7, 514.	2.1	35
23	Isotope Analysis of Sulfur, Bromine, and Chlorine in Individual Anionic Species by Ion Chromatography/Multicollector-ICPMS. Analytical Chemistry, 2014, 86, 6495-6500.	6.5	34
24	Coprecipitation of trace and minor elements in modern authigenic halites from the hypersaline Dead Sea brine. Geochimica Et Cosmochimica Acta, 1998, 62, 1587-1598.	3.9	33
25	High precision lead isotope ratio measurements by multicollector-ICP-MS in variable matrices. Journal of Analytical Atomic Spectrometry, 2001, 16, 975-977.	3.0	33
26	Enrichment of 88 Sr in continental waters due to calcium carbonate precipitation. Earth and Planetary Science Letters, 2017, 459, 381-393.	4.4	30
27	Lead Concentrations and Isotopic Ratios in the Sediments of the Sea of Galilee. Environmental Science & Technology, 2001, 35, 292-299.	10.0	27
28	Dual Carbonâ€“Bromine Stable Isotope Analysis Allows Distinguishing Transformation Pathways of Ethylene Dibromide. Environmental Science & Technology, 2016, 50, 9855-9863.	10.0	27
29	Application of Dual Carbonâ€“Bromine Isotope Analysis for Investigating Abiotic Transformations of Tribromoneopentyl Alcohol (TBNPA). Environmental Science & Technology, 2015, 49, 4433-4440.	10.0	24
30	Fluorine occurrence in groundwater in Israel and its significance. Journal of Hydrology, 1989, 106, 109-129.	5.4	23
31	Kinetic bromine isotope effect: example from the microbial debromination of brominated phenols. Analytical and Bioanalytical Chemistry, 2013, 405, 2923-2929.	3.7	22
32	The chemical evolution of brine and Mg-K-salts along the course of extreme evaporation of seawater â€“ An experimental study. Geochimica Et Cosmochimica Acta, 2018, 241, 164-179.	3.9	22
33	High precision direct analysis of magnesium isotope ratio by ion chromatography/multicollector-ICPMS using wet and dry plasma conditions. Talanta, 2017, 165, 64-68.	5.5	20
34	Selected isotope ratio measurements of light metallic elements (Li, Mg, Ca, and Cu) by multiple collector ICP-MS. Analytical and Bioanalytical Chemistry, 2008, 390, 441-450.	3.7	19
35	Veins in the combusted metamorphic rocks, Israel; Weathering or a retrograde event?. Chemical Geology, 2014, 385, 140-155.	3.3	19
36	High precision determination of 228Ra and 228Ra/226Ra isotope ratio in natural waters by MC-ICPMS. International Journal of Mass Spectrometry, 2010, 294, 112-115.	1.5	18

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37	High-precision isotope ratio analysis of inorganic bromide by continuous flow MC-ICPMS. International Journal of Mass Spectrometry, 2011, 307, 211-213.	1.5	16
38	Precise determination of Î´88/86Sr in natural samples by double-spike MC-ICP-MS and its TIMS verification. Journal of Analytical Atomic Spectrometry, 2013, 28, 940.	3.0	16
39	Genetic identification of the saline origins of groundwaters in Israel by means of minor elements. Chemical Geology, 1986, 54, 251-270.	3.3	15
40	The geochemistry of germanium in deep-sea cherts. Geochimica Et Cosmochimica Acta, 1988, 52, 2333-2336.	3.9	15
41	Strontium Isotope Fractionation in Soils and Pedogenic Processes. Procedia Earth and Planetary Science, 2013, 7, 790-793.	0.6	15
42	Sources and distribution of trace and minor elements in the western Dead Sea surface sediments. Applied Geochemistry, 1997, 12, 497-505.	3.0	14
43	Compoundâ€specific bromine isotope ratio analysis using gas chromatography/quadrupole mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 1951-1956.	1.5	13
44	On-line separation of strontium from a matrix and determination of the 87Sr/86Sr ratio by Ion Chromatography/Multicollector-ICPMS. Journal of Analytical Atomic Spectrometry, 2016, 31, 1459-1463.	3.0	13
45	Novel Approach for the Accurate Determination of Se Isotope Ratio by Multicollector ICP-MS. Analytical Chemistry, 2020, 92, 16097-16104.	6.5	13
46	Variable dual carbon-bromine stable isotope fractionation during enzyme-catalyzed reductive dehalogenation of brominated ethenes. Chemosphere, 2018, 190, 211-217.	8.2	12
47	Magnesiumâ€“Isotope Fractionation in Chlorophyll-a Extracted from Two Plants with Different Pathways of Carbon Fixation (C3, C4). Molecules, 2020, 25, 1644.	3.8	12
48	Lead and uranium isotopic behavior in diagenetic and epigenetic manganese nodules, Timna Basin, Israel, determined by MC-ICP-MS. Applied Geochemistry, 2004, 19, 1927-1936.	3.0	10
49	Germanium Contents of Selected International Geostandards by Hydride Generation and ICP-AES.. Geostandards and Geoanalytical Research, 1990, 14, 459-460.	3.1	8
50	The fate of anthropogenic Pb in soils; years after Pb terminated as a fuel additive; Northern Israel. Environmental Pollution, 2021, 271, 116319.	7.5	8
51	Bromine kinetic isotope effects: insight into Grignard reagent formation. New Journal of Chemistry, 2013, 37, 2241.	2.8	7
52	Direct determination of <scp>Î´^{44/42}Ca</scp> isotope ratio by ion chromatography/lowâ€resolution multicollector <scp>ICPMS</scp>. Journal of Mass Spectrometry, 2018, 53, 78-82.	1.6	7
53	The Mg isotope signature of marine Mg-evaporites. Geochimica Et Cosmochimica Acta, 2021, 301, 30-47.	3.9	6
54	A Novel Approach for the Determination of the Ge Isotope Ratio Using Liquidâ€“Liquid Extraction and Hydride Generation by Multicollector Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2021, 93, 13548-13554.	6.5	6

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55	Determination of isotope fractionation of Cr(iii) during oxidation by LC/low-resolution MC-ICPMS. Journal of Analytical Atomic Spectrometry, 2020, 35, 560-566.	3.0	5
56	Î´ ¹³C compound-specific isotope analysis in organic compounds by GC/MC-ICPMS. Journal of Analytical Atomic Spectrometry, 2021, 36, 1884-1888.	3.0	5
57	37Cl/35Cl isotope ratio analysis in perchlorate by ion chromatography/multi collector -ICPMS: Analytical performance and implication for biodegradation studies. Chemosphere, 2017, 184, 192-196.	8.2	3
58	Sulfur isotope analysis by IC-MC-ICP-MS provides insight into fractionation of thioarsenates during abiotic oxidation. Chemical Geology, 2018, 477, 92-99.	3.3	3