# Ludwik Halicz

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | Î´ <sup>13</sup>C compound-specific isotope analysis in organic compounds by GC/MC-ICPMS. Journal of Analytical Atomic Spectrometry, 2021, 36, 1884-1888. | 3.0 | 5 |
| 3 | The Mg isotope signature of marine Mg-evaporites. Geochimica Et Cosmochimica Acta, 2021, 301, 30-47. | 3.9 | 6 |
| 4 | 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 |
| 5 | Novel Approach for the Accurate Determination of Se Isotope Ratio by Multicollector ICP-MS. Analytical Chemistry, 2020, 92, 16097-16104. | 6.5 | 13 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Variable dual carbon-bromine stable isotope fractionation during enzyme-catalyzed reductive dehalogenation of brominated ethenes. Chemosphere, 2018, 190, 211-217. | 8.2 | 12 |
| 10 | Direct determination of <scp>Î´<sup>44/42</sup>Ca</scp> isotope ratio by ion chromatography/lowâ€resolution multicollector <scp>ICPMS</scp>. Journal of Mass Spectrometry, 2018, 53, 78-82. | 1.6 | 7 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Enrichment of 88 Sr in continental waters due to calcium carbonate precipitation. Earth and Planetary Science Letters, 2017, 459, 381-393. | 4.4 | 30 |
| 15 | Compoundâ€specific bromine isotope ratio analysis using gas chromatography/quadrupole mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 1951-1956. | 1.5 | 13 |
| 16 | Dual Carbonâ€“Bromine Stable Isotope Analysis Allows Distinguishing Transformation Pathways of Ethylene Dibromide. Environmental Science & Technology, 2016, 50, 9855-9863. | 10.0 | 27 |
| 17 | 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 |
| 18 | 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 |

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|---|---|---|---|
| 19 | Veins in the combusted metamorphic rocks, Israel; Weathering or a retrograde event?. Chemical Geology, 2014, 385, 140-155. | 3.3 | 19 |
| 20 | 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 |
| 21 | Kinetic bromine isotope effect: example from the microbial debromination of brominated phenols. Analytical and Bioanalytical Chemistry, 2013, 405, 2923-2929. | 3.7 | 22 |
| 22 | Strontium Isotope Fractionation in Soils and Pedogenic Processes. Procedia Earth and Planetary Science, 2013, 7, 790-793. | 0.6 | 15 |
| 23 | Bromine kinetic isotope effects: insight into Grignard reagent formation. New Journal of Chemistry, 2013, 37, 2241. | 2.8 | 7 |
| 24 | 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 |
| 25 | Bromine and Carbon Isotope Effects during Photolysis of Brominated Phenols. Environmental Science & Technology, 2013, 47, 14147-14153. | 10.0 | 36 |
| 26 | 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 |
| 27 | 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 |
| 28 | High precision determination of bromine isotope ratio by GC-MC-ICPMS. International Journal of Mass Spectrometry, 2010, 289, 167-169. | 1.5 | 58 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | Strontium stable isotopes fractionate in the soil environments?. Earth and Planetary Science Letters, 2008, 272, 406-411. | 4.4 | 108 |
| 33 | Copper isotope fractionation in sedimentary copper mineralization (Timna Valley, Israel). Chemical Geology, 2007, 243, 238-254. | 3.3 | 148 |
| 34 | 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 |
| 35 | 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 |
| 36 | Quantitative analysis of silicates using LA-ICP-MS with liquid calibration. Journal of Analytical Atomic Spectrometry, 2004, 19, 1539-1545. | 3.0 | 120 |

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|---|---|---|---|
| 37 | Controls on iron-isotope fractionation in organic-rich sediments (Kimmeridge Clay, Upper Jurassic,) Tj ETQq1 1 0.784314 rgBT /Overlo | 3.9 | 80 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Mg isotopic composition of carbonate: insight from speleothem formation. Earth and Planetary Science Letters, 2002, 201, 105-115. | 4.4 | 221 |
| 42 | Distribution of natural and anthropogenic lead in Mediterranean soils. Geochimica Et Cosmochimica Acta, 2001, 65, 2853-2864. | 3.9 | 193 |
| 43 | 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 |
| 44 | 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 |
| 45 | Lead Concentrations and Isotopic Ratios in the Sediments of the Sea of Galilee. Environmental Science & Technology, 2001, 35, 292-299. | 10.0 | 27 |
| 46 | 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 |
| 47 | 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 |
| 48 | The influence of rainfall on metal concentration and behavior in the soil. Geochimica Et Cosmochimica Acta, 1999, 63, 3499-3511. | 3.9 | 61 |
| 49 | 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 |
| 50 | Sources and distribution of trace and minor elements in the western Dead Sea surface sediments. Applied Geochemistry, 1997, 12, 497-505. | 3.0 | 14 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | Germanium Contents of Selected International Geostandards by Hydride Generation and ICP-AES.. Geostandards and Geoanalytical Research, 1990, 14, 459-460. | 3.1 | 8 |

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|---|---|---|---|
| 55 | Fluorine occurrence in groundwater in Israel and its significance. Journal of Hydrology, 1989, 106, 109-129. | 5.4 | 23 |
| 56 | The geochemistry of germanium in deep-sea cherts. Geochimica Et Cosmochimica Acta, 1988, 52, 2333-2336. | 3.9 | 15 |
| 57 | Genetic identification of the saline origins of groundwaters in Israel by means of minor elements. Chemical Geology, 1986, 54, 251-270. | 3.3 | 15 |
| 58 | 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 |