

# Coupled molybdenum, iron and uranium stable isotope during the Paleoproterozoic Shunga Event

Chemical Geology

362, 193-210

DOI: [10.1016/j.chemgeo.2013.08.003](https://doi.org/10.1016/j.chemgeo.2013.08.003)

Citation Report

| #  | ARTICLE                                                                                                                                                                                                                                               | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Potential influence of sulphur bacteria on Palaeoproterozoic phosphogenesis. <i>Nature Geoscience</i> , 2014, 7, 20-24.                                                                                                                               | 5.4 | 49        |
| 2  | A modern framework for the interpretation of $^{238}\text{U}/^{235}\text{U}$ in studies of ancient ocean redox. <i>Earth and Planetary Science Letters</i> , 2014, 400, 184-194.                                                                      | 1.8 | 159       |
| 3  | Iron isotope tracing of mantle heterogeneity within the source regions of oceanic basalts. <i>Earth and Planetary Science Letters</i> , 2014, 404, 396-407.                                                                                           | 1.8 | 134       |
| 4  | Fractionation of $^{238}\text{U}/^{235}\text{U}$ by reduction during low temperature uranium mineralisation processes. <i>Earth and Planetary Science Letters</i> , 2014, 388, 306-317.                                                               | 1.8 | 68        |
| 5  | Nitrogen and sulfur assimilation in plants and algae. <i>Aquatic Botany</i> , 2014, 118, 45-61.                                                                                                                                                       | 0.8 | 108       |
| 6  | Onset of oxidative weathering of continents recorded in the geochemistry of ancient glacial diamictites. <i>Earth and Planetary Science Letters</i> , 2014, 408, 87-99.                                                                               | 1.8 | 59        |
| 7  | Uranium isotope systematics of ferromanganese crusts in the Pacific Ocean: Implications for the marine $^{238}\text{U}/^{235}\text{U}$ isotope system. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 146, 43-58.                                     | 1.6 | 85        |
| 8  | Carbonate deposition in the Palaeoproterozoic Onega basin from Fennoscandia: a spotlight on the transition from the Lomagundi-Jatuli to Shunga events. <i>Earth-Science Reviews</i> , 2015, 147, 65-98.                                               | 4.0 | 31        |
| 9  | Sedimentology, chemostratigraphy, and stromatolites of lower Paleoproterozoic carbonates, Turee Creek Group, Western Australia. <i>Precambrian Research</i> , 2015, 266, 194-211.                                                                     | 1.2 | 22        |
| 10 | Rise to modern levels of ocean oxygenation coincided with the Cambrian radiation of animals. <i>Nature Communications</i> , 2015, 6, 7142.                                                                                                            | 5.8 | 250       |
| 11 | Uranium and molybdenum isotope systematics in modern euxinic basins: Case studies from the central Baltic Sea and the Kyllaren fjord (Norway). <i>Chemical Geology</i> , 2015, 396, 182-195.                                                          | 1.4 | 131       |
| 12 | Marine redox conditions in the middle Proterozoic ocean and isotopic constraints on authigenic carbonate formation: Insights from the Chuanlinggou Formation, Yanshan Basin, North China. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 150, 90-105. | 1.6 | 71        |
| 13 | Uranium isotope fractionation in Saanich Inlet: A modern analog study of a paleoredox tracer. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 153, 202-215.                                                                                            | 1.6 | 81        |
| 14 | Uranium and molybdenum isotope evidence for an episode of widespread ocean oxygenation during the late Ediacaran Period. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 156, 173-193.                                                                 | 1.6 | 222       |
| 15 | Uranium isotopic compositions of the crust and ocean: Age corrections, U budget and global extent of modern anoxia. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 167, 113-143.                                                                      | 1.6 | 178       |
| 16 | The marine environments encompassing the Neoproterozoic glaciations: Evidence from C, Sr and Fe isotope ratios in the Hecla Hoek Supergroup in Svalbard. <i>Precambrian Research</i> , 2015, 263, 19-42.                                              | 1.2 | 28        |
| 17 | Isotope fractionation of $^{238}\text{U}$ and $^{235}\text{U}$ during biologically-mediated uranium reduction. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 163, 200-218.                                                                           | 1.6 | 94        |
| 18 | Molybdenum isotopes in hydrothermal manganese crust from the Ryukyu arc system: Implications for the source of molybdenum. <i>Marine Geology</i> , 2015, 369, 91-99.                                                                                  | 0.9 | 21        |

| #  | ARTICLE                                                                                                                                                                                                                              | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Oxygenation of a Cryogenian ocean (Nanhua Basin, South China) revealed by pyrite Fe isotope compositions. <i>Earth and Planetary Science Letters</i> , 2015, 429, 11-19.                                                             | 1.8 | 80        |
| 20 | Redox conditions across the Cambrian-Ordovician boundary: Elemental and isotopic signatures retained in the GSSP carbonates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 440, 440-454.                          | 1.0 | 33        |
| 21 | Coupled sulfur, iron and molybdenum isotope data from black shales of the Teplá-Barrandian unit argue against deep ocean oxygenation during the Ediacaran. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 121-142.              | 1.6 | 65        |
| 22 | The REE-composition and petrography of apatite in 2Ga Zaonega Formation, Russia: The environmental setting for phosphogenesis. <i>Chemical Geology</i> , 2015, 395, 88-107.                                                          | 1.4 | 38        |
| 23 | Molybdenum Mass Fractions and Isotopic Compositions of International Geological Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 217-226.                                                             | 1.7 | 72        |
| 24 | Chromium isotope stratigraphy of Ediacaran cap dolostones, Doushantuo Formation, South China. <i>Chemical Geology</i> , 2016, 436, 24-34.                                                                                            | 1.4 | 40        |
| 25 | Chemostratigraphy of the Sudbury impact basin fill: Volatile metal loss and post-impact evolution of a submarine impact basin. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 183, 198-233.                                          | 1.6 | 10        |
| 26 | A Holocene history of dynamic water column redox conditions in the Landsort Deep, Baltic Sea. <i>Numerische Mathematik</i> , 2016, 316, 713-745.                                                                                     | 0.7 | 51        |
| 27 | Chromium isotope, REE and redox-sensitive trace element chemostratigraphy across the late Neoproterozoic Ghaub glaciation, Otavi Group, Namibia. <i>Precambrian Research</i> , 2016, 286, 234-249.                                   | 1.2 | 50        |
| 28 | High-Precision Measurement of Molybdenum Isotopic Compositions of Selected Geochemical Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 405-415.                                                      | 1.7 | 17        |
| 29 | Trace elements at the intersection of marine biological and geochemical evolution. <i>Earth-Science Reviews</i> , 2016, 163, 323-348.                                                                                                | 4.0 | 135       |
| 30 | Uranium Isotopic Fractionation Induced by U(VI) Adsorption onto Common Aquifer Minerals. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12232-12240.                                                                      | 4.6 | 43        |
| 31 | Uranium isotope fractionation during coprecipitation with aragonite and calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 188, 189-207.                                                                                        | 1.6 | 86        |
| 32 | Closing in on the marine $^{238}\text{U}/^{235}\text{U}$ budget. <i>Chemical Geology</i> , 2016, 420, 11-22.                                                                                                                         | 1.4 | 92        |
| 33 | Trace metal cycling and $^{238}\text{U}/^{235}\text{U}$ in New Zealand's fjords: Implications for reconstructing global paleoredox conditions in organic-rich sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 179, 89-109. | 1.6 | 34        |
| 34 | Extremely low oxygen concentration in mid-Proterozoic shallow seawaters. <i>Precambrian Research</i> , 2016, 276, 145-157.                                                                                                           | 1.2 | 91        |
| 35 | Iron Isotope Systematics. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 82, 415-510.                                                                                                                                         | 2.2 | 205       |
| 36 | THE STABLE ISOTOPE GEOCHEMISTRY OF MOLYBDENUM. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 82, 683-732.                                                                                                                    | 2.2 | 191       |

| #  | ARTICLE                                                                                                                                                                                                                                                      | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Uranium Isotope Fractionation. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 82, 799-850.                                                                                                                                                            | 2.2 | 139       |
| 38 | Molybdenum in natural waters: A review of occurrence, distributions and controls. <i>Applied Geochemistry</i> , 2017, 84, 387-432.                                                                                                                           | 1.4 | 223       |
| 39 | Uranium isotope compositions of mid-Proterozoic black shales: Evidence for an episode of increased ocean oxygenation at 1.36 Ga and evaluation of the effect of post-depositional hydrothermal fluid flow. <i>Precambrian Research</i> , 2017, 298, 187-201. | 1.2 | 61        |
| 40 | Processes that control mineral and element abundances in shales. <i>Earth-Science Reviews</i> , 2017, 171, 383-399.                                                                                                                                          | 4.0 | 35        |
| 41 | Marine redox conditions during deposition of Late Ordovician and Early Silurian organic-rich mudrocks in the Siljan ring district, central Sweden. <i>Chemical Geology</i> , 2017, 457, 75-94.                                                               | 1.4 | 42        |
| 42 | Environmental niches and metabolic diversity in Neoproterozoic lakes. <i>Geobiology</i> , 2017, 15, 767-783.                                                                                                                                                 | 1.1 | 25        |
| 43 | A new estimate of detrital redox-sensitive metal concentrations and variability in fluxes to marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 215, 337-353.                                                                                  | 1.6 | 96        |
| 44 | Uranium isotope fractionation induced by aqueous speciation: Implications for U isotopes in marine CaCO <sub>3</sub> as a paleoredox proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 215, 162-172.                                                     | 1.6 | 31        |
| 45 | The Molybdenum Isotope System as a Tracer of Slab Input in Subduction Zones: An Example From Martinique, Lesser Antilles Arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4674-4689.                                                             | 1.0 | 57        |
| 46 | 16 Good Golly, Why Moly? THE STABLE ISOTOPE GEOCHEMISTRY OF MOLYBDENUM. , 2017, , 683-732.                                                                                                                                                                   |     | 9         |
| 47 | 19 Uranium Isotope Fractionation. , 2017, , 799-850.                                                                                                                                                                                                         |     | 8         |
| 48 | 11 Iron Isotope Systematics. , 2017, , 415-510.                                                                                                                                                                                                              |     | 7         |
| 50 | What the ~1.4 Ga Xiamaling Formation can and cannot tell us about the mid-Proterozoic ocean. <i>Geobiology</i> , 2018, 16, 219-236.                                                                                                                          | 1.1 | 62        |
| 51 | Cryogenian iron formations in the glaciogenic Kingston Peak Formation, California. <i>Precambrian Research</i> , 2018, 310, 443-462.                                                                                                                         | 1.2 | 29        |
| 52 | Molybdenum isotope behaviour in groundwaters and terrestrial hydrothermal systems, Iceland. <i>Earth and Planetary Science Letters</i> , 2018, 486, 108-118.                                                                                                 | 1.8 | 37        |
| 53 | Two-step deoxygenation at the end of the Paleoproterozoic Lomagundi Event. <i>Earth and Planetary Science Letters</i> , 2018, 486, 70-83.                                                                                                                    | 1.8 | 58        |
| 54 | Molybdenum record from black shales indicates oscillating atmospheric oxygen levels in the early Paleoproterozoic. <i>Numerische Mathematik</i> , 2018, 318, 275-299.                                                                                        | 0.7 | 31        |
| 55 | The effects of diagenesis on geochemical paleoredox proxies in sedimentary carbonates. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 232, 265-287.                                                                                                          | 1.6 | 92        |

| #  | ARTICLE                                                                                                                                                                                                                                                        | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 56 | Redox history of the Three Gorges region during the Ediacaran and Early Cambrian as indicated by the Fe isotope. <i>Geoscience Frontiers</i> , 2018, 9, 155-172.                                                                                               | 4.3 | 16        |
| 57 | Clinoform identification and correlation in fine-grained sediments: A case study using the Triassic Montney Formation. <i>Sedimentology</i> , 2018, 65, 263-302.                                                                                               | 1.6 | 28        |
| 58 | The effects of metamorphism on iron mineralogy and the iron speciation redox proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 224, 96-115.                                                                                                                | 1.6 | 38        |
| 59 | Controls of eustasy and diagenesis on the <sup>238</sup> U/ <sup>235</sup> U of carbonates and evolution of the seawater ( <sup>234</sup> U/ <sup>238</sup> U) during the last 1.4 Myr. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 242, 233-265.           | 1.6 | 73        |
| 60 | Multiple sulphur isotope records tracking basinal and global processes in the 1.98 Ga Zaonega Formation, NW Russia. <i>Chemical Geology</i> , 2018, 499, 151-164.                                                                                              | 1.4 | 20        |
| 61 | Searching for the Great Oxidation Event in North America: A Reappraisal of the Huronian Supergroup by SIMS Sulfur Four-Isotope Analysis. <i>Astrobiology</i> , 2018, 18, 519-538.                                                                              | 1.5 | 14        |
| 62 | A Mesoarchean shift in uranium isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 438-452.                                                                                                                                               | 1.6 | 52        |
| 63 | The iron paleoredox proxies: A guide to the pitfalls, problems and proper practice. <i>Numerische Mathematik</i> , 2018, 318, 491-526.                                                                                                                         | 0.7 | 174       |
| 64 | Ocean Redox State at 2500–500 Ma: Modern Concepts. <i>Lithology and Mineral Resources</i> , 2018, 53, 190-211.                                                                                                                                                 | 0.3 | 11        |
| 65 | Rhenium–osmium and molybdenum isotope systematics of black shales from the Lower Cambrian Niutitang Formation, SW China: Evidence of a well oxygenated ocean at ca. 520 Ma. <i>Chemical Geology</i> , 2018, 499, 26-42.                                        | 1.4 | 31        |
| 66 | Sample-scale carbon isotopic variability and diverse biomass in the Paleoproterozoic Zaonega Formation, Russia. <i>Precambrian Research</i> , 2018, 315, 222-231.                                                                                              | 1.2 | 12        |
| 67 | Trace-element systematics of pyrite and its implications for refractory gold mineralisation within the carbonaceous metasedimentary units of Palaeoproterozoic South Purulia shear zone, eastern India. <i>Journal of Earth System Science</i> , 2019, 128, 1. | 0.6 | 8         |
| 68 | Precise analysis of the concentrations and isotopic compositions of molybdenum and tungsten in geochemical reference materials. <i>Analytica Chimica Acta</i> , 2019, 1091, 146-159.                                                                           | 2.6 | 16        |
| 69 | Hydrothermal dedolomitisation of carbonate rocks of the Paleoproterozoic Zaonega Formation, NW Russia – Implications for the preservation of primary C isotope signals. <i>Chemical Geology</i> , 2019, 512, 43-57.                                            | 1.4 | 23        |
| 70 | A simple single-stage extraction method for Mo separation from geological samples for isotopic analysis by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 145-154.                                                                    | 1.6 | 12        |
| 71 | The influence of thermal maturity on the stable isotope compositions and concentrations of molybdenum, zinc and cadmium in organic-rich marine mudrocks. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 205-220.                                          | 1.6 | 37        |
| 72 | The solubility of Nickel (Ni) in crude oil at 150, 200 and 250 °C and its application to ore genesis. <i>Chemical Geology</i> , 2020, 533, 119443.                                                                                                             | 1.4 | 0         |
| 73 | Investigating the molybdenum and uranium redox proxies in a modern shallow anoxic carbonate rich marine sediment setting of the Malo Jezero (Mljet Lakes, Adriatic Sea). <i>Chemical Geology</i> , 2020, 533, 119441.                                          | 1.4 | 14        |

| #  | ARTICLE                                                                                                                                                                                                                                                               | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 74 | The onset of oxidative weathering traced by uranium isotopes. <i>Precambrian Research</i> , 2020, 338, 105583.                                                                                                                                                        | 1.2 | 20        |
| 75 | Correlated molybdenum and uranium isotope signatures in modern anoxic sediments: Implications for their use as paleo-redox proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 449-474.                                                                        | 1.6 | 62        |
| 76 | Estimating ancient seawater isotope compositions and global ocean redox conditions by coupling the molybdenum and uranium isotope systems of euxinic organic-rich mudrocks. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 290, 76-103.                               | 1.6 | 27        |
| 77 | Oxygenated conditions in the aftermath of the Lomagundi-Jatuli Event: The carbon isotope and rare earth element signatures of the Paleoproterozoic Zaonega Formation, Russia. <i>Precambrian Research</i> , 2020, 347, 105855.                                        | 1.2 | 10        |
| 78 | Oceanic chemistry recorded by cherts during the early Cambrian Explosion, South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 558, 109961.                                                                                                  | 1.0 | 16        |
| 79 | The biogeochemistry of ferruginous lakes and past ferruginous oceans. <i>Earth-Science Reviews</i> , 2020, 211, 103430.                                                                                                                                               | 4.0 | 36        |
| 80 | Origin of the Oligocene manganese deposit at Obrochishte (Bulgaria): Insights from C, O, Fe, Sr, Nd, and Pb isotopes. <i>Ore Geology Reviews</i> , 2020, 122, 103550.                                                                                                 | 1.1 | 12        |
| 81 | Palaeoproterozoic oxygenated oceans following the Lomagundi-Jatuli Event. <i>Nature Geoscience</i> , 2020, 13, 302-306.                                                                                                                                               | 5.4 | 47        |
| 82 | Redox fluctuations, trace metal enrichment and phosphogenesis in the ~2.0 Ga Zaonega Formation. <i>Precambrian Research</i> , 2020, 343, 105716.                                                                                                                      | 1.2 | 12        |
| 83 | Large environmental disturbances caused by magmatic activity during the Late Devonian Hangenberg Crisis. <i>Global and Planetary Change</i> , 2020, 190, 103155.                                                                                                      | 1.6 | 29        |
| 84 | Molybdenum Mass Fractions and Stable Isotope Compositions of Sedimentary Carbonate and Silicate Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 363-374.                                                                              | 1.7 | 14        |
| 85 | Uranium reduction and isotopic fractionation in reducing sediments: Insights from reactive transport modeling. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 65-92.                                                                                             | 1.6 | 40        |
| 86 | Inverse correlation between the molybdenum and uranium isotope compositions of Upper Devonian black shales caused by changes in local depositional conditions rather than global ocean redox variations. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 141-164. | 1.6 | 29        |
| 87 | The pyrite multiple sulfur isotope record of the 1.98 Ga Zaonega Formation: Evidence for biogeochemical sulfur cycling in a semi-restricted basin. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116092.                                                    | 1.8 | 17        |
| 88 | Molybdenum isotope fractionation in uranium oxides and during key processes of the nuclear fuel cycle: Towards a new nuclear forensic tool. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 279, 238-257.                                                              | 1.6 | 11        |
| 89 | Iron Isotopes Reveal a Benthic Iron Shuttle in the Palaeoproterozoic Zaonega Formation: Basinal Restriction, Euxinia, and the Effect on Global Palaeoredox Proxies. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 368.                                             | 0.8 | 5         |
| 90 | Uranium Isotope Fractionation during the Anoxic Mobilization of Noncrystalline U(IV) by Ligand Complexation. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7959-7969.                                                                                     | 4.6 | 11        |
| 91 | Holocene Spatiotemporal Redox Variations in the Southern Baltic Sea. <i>Frontiers in Earth Science</i> , 2021, 9, .                                                                                                                                                   | 0.8 | 2         |

| #   | ARTICLE                                                                                                                                                                                                                                                | IF  | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 92  | The uranium isotopic record of shales and carbonates through geologic time. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 300, 164-191.                                                                                                               | 1.6 | 28        |
| 93  | The Molybdenum isotope subduction recycling conundrum: A case study from the Tongan subduction zone, Western Alps and Alpine Corsica. <i>Chemical Geology</i> , 2021, 576, 120231.                                                                     | 1.4 | 25        |
| 94  | New Methods for the Chemical Isolation and Stable Isotope Measurement of Multiple Transition Metals, with Application to the Earth Sciences. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 643-658.                                       | 1.7 | 11        |
| 95  | Climate-driven fluxes of organic-bound uranium to an alpine lake over the Holocene. <i>Science of the Total Environment</i> , 2021, 783, 146878.                                                                                                       | 3.9 | 8         |
| 96  | Temporally and spatially dynamic redox conditions on an upwelling margin: The impact on coupled sedimentary Mo and U isotope systematics, and implications for the Mo-U paleoredox proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 309, 251-271. | 1.6 | 21        |
| 97  | Reconciling evidence of oxidative weathering and atmospheric anoxia on Archean Earth. <i>Science Advances</i> , 2021, 7, eabj0108.                                                                                                                     | 4.7 | 21        |
| 98  | A critical review of molybdenum sequestration mechanisms under euxinic conditions: Implications for the precision of molybdenum paleoredox proxies. <i>Earth-Science Reviews</i> , 2021, 221, 103799.                                                  | 4.0 | 21        |
| 99  | The impact of primary processes and secondary alteration on the stable isotope composition of ocean island basalts. <i>Chemical Geology</i> , 2021, 581, 120416.                                                                                       | 1.4 | 12        |
| 100 | Early diagenesis of anthropogenic uranium in lakes receiving deep groundwater from the Kiruna mine, northern Sweden. <i>Science of the Total Environment</i> , 2021, 793, 148441.                                                                      | 3.9 | 6         |
| 102 | Significance of <sup>56</sup> Fe depletions in late-Archean shales and pyrite. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 316, 87-104.                                                                                                             | 1.6 | 6         |
| 103 | Variable local basin hydrography and productivity control the uranium isotope paleoredox proxy in anoxic black shales. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 317, 433-456.                                                                    | 1.6 | 11        |
| 104 | The Ancient Earth. <i>Advances in Isotope Geochemistry</i> , 2020, , 215-360.                                                                                                                                                                          | 1.4 | 2         |
| 105 | Inverse methods for consistent quantification of seafloor anoxia using uranium isotope data from marine sediments. <i>Earth and Planetary Science Letters</i> , 2022, 577, 117240.                                                                     | 1.8 | 18        |
| 106 | “Éâ€œç³á@šâ€œEä1/2ç´áˆé âšâ...¶âœˆâœ°çƒçš‘á ä,çš,,â°”ç”. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of Geosciences</i> , 2021, 46, 4405.                                                                                     | 0.1 | 1         |
| 107 | “É†â±žç³á@šâ€œEä1/2ç´ç°è,âœ°çƒfâçžæ°šâ°ä»¶. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences</i> , 2021, 46, 4427.                                                                              | 0.1 | 0         |
| 108 | Persistence of the Isotopic Signature of Pentavalent Uranium in Magnetite. <i>Environmental Science &amp; Technology</i> , 2022, 56, 1753-1762.                                                                                                        | 4.6 | 7         |
| 109 | Validating the high-precision measurement of Mo isotopes at the 5 ng level using double spike MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1063-1075.                                                                       | 1.6 | 8         |
| 110 | Molybdenum Isotopes Behavior in the Dolomite-Terra Rossa Weathering System. <i>Geochemistry International</i> , 0, , 1.                                                                                                                                | 0.2 | 0         |

| #   | ARTICLE                                                                                                                                                                                              | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 111 | Shale Heavy Metal Isotope Records of Low Environmental O <sub>2</sub> Between Two Archean Oxidation Events. <i>Frontiers in Earth Science</i> , 2022, 10, .                                          | 0.8 | 4         |
| 112 | Covariation between molybdenum and uranium isotopes in reducing marine sediments. <i>Chemical Geology</i> , 2022, 603, 120921.                                                                       | 1.4 | 2         |
| 113 | Testing the global significance of the sulfur isotope record of the ca. 2.0 Ga Zaonega Formation: A micro-scale S isotope investigation. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 331, 86-104. | 1.6 | 1         |
| 114 | A global reassessment of the controls on iron speciation in modern sediments and sedimentary rocks: A dominant role for diagenesis. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 335, 211-230.     | 1.6 | 20        |
| 115 | The Paleoproterozoic Amer supergroup, Amer Fold Belt, Nunavut: stratigraphy, structure, correlations and uranium metallogeny. <i>Canadian Journal of Earth Sciences</i> , 0, , .                     | 0.6 | 2         |
| 116 | UID: The uranium isotope database. <i>Chemical Geology</i> , 2023, 618, 121221.                                                                                                                      | 1.4 | 9         |
| 117 | Archean to early Paleoproterozoic iron formations document a transition in iron oxidation mechanisms. <i>Geochimica Et Cosmochimica Acta</i> , 2023, 343, 286-303.                                   | 1.6 | 9         |
| 118 | Double Spike-Standard Addition Technique and Its Application in Measuring Isotopes. <i>Analytical Chemistry</i> , 2023, 95, 2253-2259.                                                               | 3.2 | 4         |
| 119 | Environmental controls on very high $\delta^{238}\text{U}$ values in reducing sediments: Implications for Neoproterozoic seawater records. <i>Earth-Science Reviews</i> , 2023, 237, 104306.         | 4.0 | 7         |
| 120 | Global oceanic anoxia linked with the Capitanian (Middle Permian) marine mass extinction. <i>Earth and Planetary Science Letters</i> , 2023, 610, 118128.                                            | 1.8 | 5         |
| 121 | Source versus weathering processes as controls on the Mackenzie river uranium isotope signature. <i>Chemical Geology</i> , 2023, 625, 121409.                                                        | 1.4 | 2         |
| 122 | Assessing the reliability of modern marine stromatolites as archives for the uranium isotope paleoredox proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2023, 345, 75-89.                            | 1.6 | 1         |
| 129 | Characteristics, origins, and significance of pyrites in deep-water shales. <i>Science China Earth Sciences</i> , 2024, 67, 313-342.                                                                 | 2.3 | 0         |