# Wei-qiang Li

List of Publications by Year
in descending order

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| | | 218677 | 214800 |
|---|---|---|---|
| 61 | 2,289 | 26 | 47 |
| papers | citations | h-index | g-index |

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|---|---|---|---|
| 63 | 63 | 63 | 1792 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recrystallization of dolostones in the Cambrian Xiaoerbrak Formation, Tarim Basin and possible link to reservoir development. Marine and Petroleum Geology, 2022, 136, 105452. | 3.3 | 7 |
| 2 | Reconstruct hydrological history of terrestrial saline lakes using Mg isotopes in halite: A case study of the Quaternary Dalangtan playa in Qaidam Basin, NW China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 587, 110804. | 2.3 | 7 |
| 3 | What drives Fe depletion in calc-alkaline magma differentiation: Insights from Fe isotopes. Geology, 2022, 50, 552-556. | 4.4 | 10 |
| 4 | Accretion regions of meteorite parent bodies inferred from a two-endmember isotopic mixing model. Monthly Notices of the Royal Astronomical Society, 2022, 513, 363-373. | 4.4 | 6 |
| 5 | Precise measurement of <sup>41</sup>K/<sup>39</sup>K ratios by highâ€resolution multicollector inductively coupled plasma mass spectrometry under a dry and hot plasma setting. Rapid Communications in Mass Spectrometry, 2022, 36, e9289. | 1.5 | 18 |
| 6 | Genesis of the Fulu Cryogenian iron formation in South China: Synglacial or interglacial?. Precambrian Research, 2022, 376, 106689. | 2.7 | 4 |
| 7 | Cu isotope systematics of conduit-type Cuâ€“PGE mineralization in the Eastern Gabbro, Coldwell Complex, Canada. Mineralium Deposita, 2021, 56, 707-724. | 4.1 | 11 |
| 8 | Alkylamine screening and zinc doping of highly luminescent 2D tin-halide perovskites for LED lighting. Materials Advances, 2021, 2, 1320-1327. | 5.4 | 20 |
| 9 | Mg isotope evidence for restriction events within the Paleotethys ocean around the Permian-Triassic transition. Earth and Planetary Science Letters, 2021, 556, 116704. | 4.4 | 17 |
| 10 | Experimental investigation of the reactions between pyrite and aqueous Cu(I) chloride solution at 100â€“250â€¯Â°C. Geochimica Et Cosmochimica Acta, 2021, 298, 1-20. | 3.9 | 11 |
| 11 | Sn(II) chloride speciation and equilibrium Sn isotope fractionation under hydrothermal conditions: A first principles study. Geochimica Et Cosmochimica Acta, 2021, 300, 25-43. | 3.9 | 23 |
| 12 | Potassium isotopic composition of various samples using a dual-path collision cell-capable multiple-collector inductively coupled plasma mass spectrometer, Nu instruments Sapphire. Chemical Geology, 2021, 571, 120144. | 3.3 | 49 |
| 13 | Response of Mg isotopes to dolomitization during fluctuations in sea level: Constraints on the hydrological conditions of massive dolomitization systems. Sedimentary Geology, 2021, 420, 105922. | 2.1 | 7 |
| 14 | Iron isotope fractionation during sulfide liquid evolution in Cuâ€“PGE mineralization of the Eastern Gabbro, Coldwell Complex, Canada. Chemical Geology, 2021, 576, 120282. | 3.3 | 7 |
| 15 | Geochemistry and cosmochemistry of potassium stable isotopes. Chemie Der Erde, 2021, 81, 125786. | 2.0 | 30 |
| 16 | Iron isotope constraints on the metal source and depositional environment of the Neoproterozoic banded iron- and manganese deposits in Urucum, Brazil. Chemie Der Erde, 2021, 81, 125771. | 2.0 | 1 |
| 17 | Felsic volcanism as a factor driving the end-Permian mass extinction. Science Advances, 2021, 7, eabh1390. | 10.3 | 63 |
| 18 | Fingerprinting hydrothermal fluids in porphyry Cu deposits using K and Mg isotopes. Science China Earth Sciences, 2020, 63, 108-120. | 5.2 | 9 |

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|---|---|---|---|
| 19 | Reactive iron isotope signatures of the East Asian dust particles: Implications for iron cycling in the deep North Pacific. Chemical Geology, 2020, 531, 119342. | 3.3 | 8 |
| 20 | Sn isotope fractionation during volatilization of Sn(IV) chloride: Laboratory experiments and quantum mechanical calculations. Geochimica Et Cosmochimica Acta, 2020, 269, 184-202. | 3.9 | 18 |
| 21 | Calibrating equilibrium Fe isotope fractionation factors between magnetite, garnet, amphibole, and biotite. Geochimica Et Cosmochimica Acta, 2020, 271, 78-95. | 3.9 | 20 |
| 22 | Transformation of amorphous precursor to crystalline carbonate: Insights from Mg isotopes in the dolomite-analogue mineral norsethite [BaMg(CO3)2]. Geochimica Et Cosmochimica Acta, 2020, 272, 1-20. | 3.9 | 12 |
| 23 | On the coordination of Mg2+ in aragonite: Ab-initio absorption spectroscopy and isotope fractionation study. Geochimica Et Cosmochimica Acta, 2020, 286, 324-335. | 3.9 | 11 |
| 24 | Isotopic fingerprinting of dissolved iron sources in the deep western Pacific since the late Miocene. Science China Earth Sciences, 2020, 63, 1767-1779. | 5.2 | 2 |
| 25 | Dissolved Thorium Isotope Evidence for Export Productivity in the Subtropical North Pacific During the Late Quaternary. Geophysical Research Letters, 2020, 47, e2019GL085995. | 4.0 | 2 |
| 26 | Extracting Mg isotope signatures of ancient seawater from marine halite: A reconnaissance. Chemical Geology, 2020, 552, 119768. | 3.3 | 14 |
| 27 | Isobaric Spike Method for Absolute Isotopic Ratio Determination by MC-ICP-MS. Analytical Chemistry, 2020, 92, 4820-4828. | 6.5 | 5 |
| 28 | Fe isotopic fractionation during the magmaticâ€“hydrothermal stage of granitic magmatism. Lithos, 2019, 350-351, 105265. | 1.4 | 4 |
| 29 | Effects of early diagenesis on Mg isotopes in dolomite: The roles of Mn(IV)-reduction and recrystallization. Geochimica Et Cosmochimica Acta, 2019, 250, 1-17. | 3.9 | 24 |
| 30 | Environmental applications of metal stable isotopes: Silver, mercury and zinc. Environmental Pollution, 2019, 252, 1344-1356. | 7.5 | 36 |
| 31 | Geological cycling of potassium and the K isotopic response: insights from loess and shales. Acta Geochimica, 2019, 38, 508-516. | 1.7 | 19 |
| 32 | K isotopes as a tracer for continental weathering and geological K cycling. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8740-8745. | 7.1 | 99 |
| 33 | Subglacial meltwater supported aerobic marine habitats during Snowball Earth. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25478-25483. | 7.1 | 23 |
| 34 | Conservative behavior of Mg isotopes in massive dolostones: From diagenesis to hydrothermal reworking. Sedimentary Geology, 2019, 381, 65-75. | 2.1 | 30 |
| 35 | The Neoproterozoic â€œBlood Fallsâ€•in Tarim Craton and Their Possible Connection With Snowball Earth. Journal of Geophysical Research F: Earth Surface, 2019, 124, 229-244. | 2.8 | 8 |
| 36 | Zinc Isotope Fractionation during Sorption onto Al Oxides: Atomic Level Understanding from EXAFS. Environmental Science & Technology, 2018, 52, 9087-9096. | 10.0 | 40 |

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|---|---|---|---|
| 37 | Mg isotope response to dolomitization in hinterland-attached carbonate platforms: Outlook of Î´26Mg as a tracer of basin restriction and seawater Mg/Ca ratio. Geochimica Et Cosmochimica Acta, 2018, 235, 189-207. | 3.9 | 35 |
| 38 | Resetting of Mg isotopes between calcite and dolomite during burial metamorphism: Outlook of Mg isotopes as geothermometer and seawater proxy. Geochimica Et Cosmochimica Acta, 2017, 208, 24-40. | 3.9 | 45 |
| 39 | Origin of heavy Fe isotope compositions in high-silica igneous rocks: A rhyolite perspective. Geochimica Et Cosmochimica Acta, 2017, 218, 58-72. | 3.9 | 50 |
| 40 | Potassium isotope fractionation between K-salts and saturated aqueous solutions at room temperature: Laboratory experiments and theoretical calculations. Geochimica Et Cosmochimica Acta, 2017, 214, 1-13. | 3.9 | 38 |
| 41 | Vital effects of K isotope fractionation in organisms: observations and a hypothesis. Acta Geochimica, 2017, 36, 374-378. | 1.7 | 30 |
| 42 | Updating the Geologic Barcodes for South China: Discovery of Late Archean Banded Iron Formations in the Yangtze Craton. Scientific Reports, 2017, 7, 15082. | 3.3 | 27 |
| 43 | Iron Isotope Fractionations Reveal a Finite Bioavailable Fe Pool for Structural Fe(III) Reduction in Nontronite. Environmental Science & Technology, 2016, 50, 8661-8669. | 10.0 | 31 |
| 44 | Precise measurement of stable potassium isotope ratios using a single focusing collision cell multi-collector ICP-MS. Journal of Analytical Atomic Spectrometry, 2016, 31, 1023-1029. | 3.0 | 104 |
| 45 | Iron isotope fractionation in sediments of an oligotrophic freshwater lake. Earth and Planetary Science Letters, 2015, 423, 164-172. | 4.4 | 23 |
| 46 | Atom Exchange between Aqueous Fe(II) and Structural Fe in Clay Minerals. Environmental Science & Technology, 2015, 49, 2786-2795. | 10.0 | 46 |
| 47 | Biologically recycled continental iron is a major component in banded iron formations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8193-8198. | 7.1 | 121 |
| 48 | Experimental calibration of Mg isotope fractionation between dolomite and aqueous solution and its geological implications. Geochimica Et Cosmochimica Acta, 2015, 157, 164-181. | 3.9 | 115 |
| 49 | A redox-stratified ocean 3.2 billion years ago. Earth and Planetary Science Letters, 2015, 430, 43-53. | 4.4 | 114 |
| 50 | Magnesium isotope fractionation between brucite [Mg(OH)2] and Mg aqueous species: Implications for silicate weathering and biogeochemical processes. Earth and Planetary Science Letters, 2014, 394, 82-93. | 4.4 | 84 |
| 51 | Contrasting behavior of oxygen and iron isotopes in banded iron formations revealed by in situ isotopic analysis. Earth and Planetary Science Letters, 2013, 384, 132-143. | 4.4 | 53 |
| 52 | An anoxic, Fe(II)-rich, U-poor ocean 3.46 billion years ago. Geochimica Et Cosmochimica Acta, 2013, 120, 65-79. | 3.9 | 76 |
| 53 | Biological Fe oxidation controlled deposition of banded iron formation in the ca. 3770Ma Isua Supracrustal Belt (West Greenland). Earth and Planetary Science Letters, 2013, 363, 192-203. | 4.4 | 146 |
| 54 | Uâ€“Thâ€“Pb isotope data indicate phanerozoic age for oxidation of the 3.4Ga Apex Basalt. Earth and Planetary Science Letters, 2012, 319-320, 197-206. | 4.4 | 18 |

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| 55 | Magnesium isotope fractionation during precipitation of inorganic calcite under laboratory conditions. Earth and Planetary Science Letters, 2012, 333-334, 304-316. | 4.4 | 127 |
| 56 | Exchange and fractionation of Mg isotopes between epsomite and saturated MgSO4 solution. Geochimica Et Cosmochimica Acta, 2011, 75, 1814-1828. | 3.9 | 64 |
| 57 | Copper isotopic zonation in the Northparkes porphyry Cuâ€“Au deposit, SE Australia. Geochimica Et Cosmochimica Acta, 2010, 74, 4078-4096. | 3.9 | 106 |
| 58 | Existing forms of REE in gold-bearing pyrite of the Jinshan gold deposit, Jiangxi Province, China. Journal of Rare Earths, 2009, 27, 1079-1087. | 4.8 | 21 |
| 59 | The Cu isotopic signature of granites from the Lachlan Fold Belt, SE Australia. Chemical Geology, 2009, 258, 38-49. | 3.3 | 115 |
| 60 | Formation mechanisms of hydrocarbon reservoirs associated with volcanic and subvolcanic intrusive rocks: Examples in Mesozoic-Cenozoic basins of eastern China. AAPG Bulletin, 2006, 90, 137-147. | 1.5 | 11 |
| 61 | Termination of Cryogenian ironstone deposition by deep ocean euxinia. Geochemical Perspectives Letters, 0, 15, 1-5. | 5.0 | 14 |