

Martin Bizzarro

List of Publications by Year in descending order

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132
papers

8,809
citations

41258

49
h-index

46693

89
g-index

135
all docs

135
docs citations

135
times ranked

5073
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The Absolute Chronology and Thermal Processing of Solids in the Solar Protoplanetary Disk. <i>Science</i> , 2012, 338, 651-655. | 6.0 | 720 |
| 2 | An abundance of small exoplanets around stars with a wide range of metallicities. <i>Nature</i> , 2012, 486, 375-377. | 13.7 | 546 |
| 3 | Origin of Nucleosynthetic Isotope Heterogeneity in the Solar Protoplanetary Disk. <i>Science</i> , 2009, 324, 374-376. | 6.0 | 454 |
| 4 | Growth of asteroids, planetary embryos, and Kuiper belt objects by chondrule accretion. <i>Science Advances</i> , 2015, 1, e1500109. | 4.7 | 331 |
| 5 | EVIDENCE FOR MAGNESIUM ISOTOPE HETEROGENEITY IN THE SOLAR PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2011, 735, L37. | 3.0 | 253 |
| 6 | Three regimes of extrasolar planet radius inferred from host star metallicities. <i>Nature</i> , 2014, 509, 593-595. | 13.7 | 249 |
| 7 | Early planetesimal melting from an age of 4.5662±%Gyr for differentiated meteorites. <i>Nature</i> , 2005, 436, 1127-1131. | 13.7 | 242 |
| 8 | Mg isotope evidence for contemporaneous formation of chondrules and refractory inclusions. <i>Nature</i> , 2004, 431, 275-278. | 13.7 | 229 |
| 9 | Rapid Timescales for Accretion and Melting of Differentiated Planetesimals Inferred from ²⁶ Al- ²⁶ Mg Chronometry. <i>Astrophysical Journal</i> , 2005, 632, L41-L44. | 1.6 | 205 |
| 10 | Early history of Earth's crust-mantle system inferred from hafnium isotopes in chondrites. <i>Nature</i> , 2003, 421, 931-933. | 13.7 | 184 |
| 11 | Early formation of planetary building blocks inferred from Pb isotopic ages of chondrules. <i>Science Advances</i> , 2017, 3, e1700407. | 4.7 | 174 |
| 12 | Isotopic evidence for primordial molecular cloud material in metal-rich carbonaceous chondrites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2011-2016. | 3.3 | 152 |
| 13 | Extremely Brief Formation Interval for Refractory Inclusions and Uniform Distribution of ²⁶ Al in the Early Solar System. <i>Astrophysical Journal</i> , 2006, 646, L159-L162. | 1.6 | 149 |
| 14 | Isotopic evolution of the protoplanetary disk and the building blocks of Earth and the Moon. <i>Nature</i> , 2018, 555, 507-510. | 13.7 | 140 |
| 15 | Uranium isotopes distinguish two geochemically distinct stages during the later Cambrian SPICE event. <i>Earth and Planetary Science Letters</i> , 2014, 401, 313-326. | 1.8 | 134 |
| 16 | Chronology of the Solar System's Oldest Solids. <i>Astrophysical Journal</i> , 2008, 675, L121-L124. | 1.6 | 130 |
| 17 | High-precision Mg-isotope measurements of terrestrial and extraterrestrial material by HR-MC-ICPMS implications for the relative and absolute Mg-isotope composition of the bulk silicate Earth. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 565. | 1.6 | 128 |
| 18 | ¹³ γ-ray irradiation in the early Solar System and the conundrum of the ¹⁷⁶ Lu decay constant. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 1261-1270. | 1.6 | 115 |

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|----|--|------|-----------|
| 19 | Early accretion of protoplanets inferred from a reduced inner solar system ²⁶ Al inventory. <i>Earth and Planetary Science Letters</i> , 2015, 420, 45-54. | 1.8 | 112 |
| 20 | Evidence for extremely rapid magma ocean crystallization and crust formation on Mars. <i>Nature</i> , 2018, 558, 586-589. | 13.7 | 111 |
| 21 | In situ ⁸⁷ Sr/ ⁸⁶ Sr investigation of igneous apatites and carbonates using laser-ablation MC-ICP-MS. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 289-302. | 1.6 | 110 |
| 22 | Evidence for a Late Supernova Injection of ⁶⁰ Fe into the Protoplanetary Disk. <i>Science</i> , 2007, 316, 1178-1181. | 6.0 | 108 |
| 23 | Pb-Pb dating of individual chondrules from the ^{CB} chondrite Gujba: Assessment of the impact plume formation model. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1197-1216. | 0.7 | 104 |
| 24 | A New Digestion and Chemical Separation Technique for Rapid and Highly Reproducible Determination of Lu/Hf and Hf Isotope Ratios in Geological Materials by MC-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2003, 27, 133-145. | 1.7 | 98 |
| 25 | Samples returned from the asteroid Ryugu are similar to Ivuna-type carbonaceous meteorites. <i>Science</i> , 2023, 379, . | 6.0 | 97 |
| 26 | Hf isotope evidence for a hidden mantle reservoir. <i>Geology</i> , 2002, 30, 771. | 2.0 | 95 |
| 27 | A method for purifying Lu and Hf for analyses by MC-ICP-MS using TODGA resin. <i>Chemical Geology</i> , 2006, 233, 126-136. | 1.4 | 93 |
| 28 | ²⁶ Al- ²⁶ Mg dating of asteroidal magmatism in the young Solar System. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4844-4864. | 1.6 | 93 |
| 29 | A pebble accretion model for the formation of the terrestrial planets in the Solar System. <i>Science Advances</i> , 2021, 7, . | 4.7 | 93 |
| 30 | RAPID TIMESCALES FOR MAGMA OCEAN CRYSTALLIZATION ON THE HOWARDITE-EUCRITE-DIOGENITE PARENT BODY. <i>Astrophysical Journal Letters</i> , 2011, 740, L22. | 3.0 | 90 |
| 31 | Pb-Pb chronometry and the early Solar System. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 345-363. | 1.6 | 86 |
| 32 | Multiple Generations of Refractory Inclusions in the Metal-Rich Carbonaceous Chondrites Acfer 182/214 and Isheyev. <i>Astrophysical Journal</i> , 2008, 672, 713-721. | 1.6 | 78 |
| 33 | Magnesium and ⁵⁴ Cr isotope compositions of carbonaceous chondrite chondrules - Insights into early disk processes. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 191, 118-138. | 1.6 | 73 |
| 34 | Atmosphere-ocean oxygen and productivity dynamics during early animal radiations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19352-19361. | 3.3 | 72 |
| 35 | Calcium isotope measurement by combined HR-MC-ICPMS and TIMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 38-49. | 1.6 | 71 |
| 36 | The Pb-Pb age of Angrite SAH99555 revisited. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 4813-4824. | 1.6 | 70 |

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|----|--|-----|-----------|
| 37 | Precise measurement of chromium isotopes by MC-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1406-1416. | 1.6 | 67 |
| 38 | Hafnium-tungsten chronometry of angrites and the earliest evolution of planetary objects. <i>Earth and Planetary Science Letters</i> , 2007, 262, 214-229. | 1.8 | 66 |
| 39 | Constraints on source-forming processes of West Greenland kimberlites inferred from Hf-Nd isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2820-2836. | 1.6 | 66 |
| 40 | Evidence for nucleosynthetic enrichment of the protosolar molecular cloud core by multiple supernova events. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 149, 88-102. | 1.6 | 64 |
| 41 | Lead isotope evidence for a young formation age of the Earth-Moon system. <i>Earth and Planetary Science Letters</i> , 2016, 452, 36-43. | 1.8 | 62 |
| 42 | ¹⁸² Hf- ¹⁸² W age dating of a ²⁶ Al-poor inclusion and implications for the origin of short-lived radioisotopes in the early Solar System. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8819-8823. | 3.3 | 60 |
| 43 | Calcium-aluminum-rich inclusions with fractionation and unknown nuclear effects (FUN CAIs): I. Mineralogy, petrology, and oxygen isotopic compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 145, 206-247. | 1.6 | 57 |
| 44 | The Multifaceted Planetesimal Formation Process. , 2014, , . | | 57 |
| 45 | Chromatographic speciation of Cr(III)-species, inter-species equilibrium isotope fractionation and improved chemical purification strategies for high-precision isotope analysis. <i>Journal of Chromatography A</i> , 2016, 1443, 162-174. | 1.8 | 55 |
| 46 | Iron isotope evidence for very rapid accretion and differentiation of the proto-Earth. <i>Science Advances</i> , 2020, 6, eaay7604. | 4.7 | 54 |
| 47 | Major element composition of the lithospheric mantle under the North Atlantic craton: Evidence from peridotite xenoliths of the Sarfartoq area, southwestern Greenland. <i>Contributions To Mineralogy and Petrology</i> , 2003, 146, 223-240. | 1.2 | 51 |
| 48 | Ultra-high-precision Nd-isotope measurements of geological materials by MC-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1490-1504. | 1.6 | 51 |
| 49 | Calcium-aluminum-rich inclusions with fractionation and unidentified nuclear effects (FUN CAIs): II. Heterogeneities of magnesium isotopes and ²⁶ Al in the early Solar System inferred from in situ high-precision magnesium-isotope measurements. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 6-24. | 1.6 | 50 |
| 50 | Isotopic fractionation of zirconium during magmatic differentiation and the stable isotope composition of the silicate Earth. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 250, 311-323. | 1.6 | 50 |
| 51 | Reorganisation of Earth's biogeochemical cycles briefly oxygenated the oceans 520 Myr ago. <i>Geochemical Perspectives Letters</i> , 2017, , 210-220. | 1.0 | 50 |
| 52 | ABUNDANCE OF ²⁶ Al AND ⁶⁰ Fe IN EVOLVING GIANT MOLECULAR CLOUDS. <i>Astrophysical Journal Letters</i> , 2013, 769, L8. | 3.0 | 49 |
| 53 | IDENTIFICATION OF AN ⁸⁴ Sr-DEPLETED CARRIER IN PRIMITIVE METEORITES AND IMPLICATIONS FOR THERMAL PROCESSING IN THE SOLAR PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2013, 763, L40. | 3.0 | 49 |
| 54 | Jupiter Analogs Orbit Stars with an Average Metallicity Close to That of the Sun. <i>Astrophysical Journal</i> , 2018, 856, 37. | 1.6 | 44 |

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|----|---|-----|-----------|
| 55 | A TIMS-based method for the high precision measurements of the three-isotope potassium composition of small samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 366-377. | 1.6 | 43 |
| 56 | Calcium–aluminum-rich inclusions recycled during formation of porphyritic chondrules from CH carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 185-223. | 1.6 | 42 |
| 57 | ^{26}Al – ^{26}Mg deficit dating ultramafic meteorites and silicate planetesimal differentiation in the early Solar System?. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 415-431. | 1.6 | 41 |
| 58 | Pb–Pb dating of chondrules from CV chondrites by progressive dissolution. <i>Chemical Geology</i> , 2009, 259, 143-151. | 1.4 | 40 |
| 59 | Observations of nitrogen isotope fractionation in deeply embedded protostars. <i>Astronomy and Astrophysics</i> , 2014, 572, A24. | 2.1 | 40 |
| 60 | Accretion timescales and style of asteroidal differentiation in an ^{26}Al -poor protoplanetary disk. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 176, 295-315. | 1.6 | 40 |
| 61 | Discovery of a New FUN CAI from a CV Carbonaceous Chondrite: Evidence for Multistage Thermal Processing in the Protoplanetary Disk. <i>Astrophysical Journal</i> , 2008, 680, L141-L144. | 1.6 | 39 |
| 62 | EVIDENCE FOR MULTIPLE SOURCES OF ^{10}Be IN THE EARLY SOLAR SYSTEM. <i>Astrophysical Journal Letters</i> , 2012, 748, L25. | 3.0 | 38 |
| 63 | Discovery of dmisteinbergite (hexagonal $\text{CaAl}_2\text{Si}_2\text{O}_8$) in the Allende meteorite: A new member of refractory silicates formed in the solar nebula. <i>American Mineralogist</i> , 2013, 98, 1368-1371. | 0.9 | 38 |
| 64 | TRACKING THE DISTRIBUTION OF ^{26}Al AND ^{60}Fe DURING THE EARLY PHASES OF STAR AND DISK EVOLUTION. <i>Astrophysical Journal</i> , 2016, 826, 22. | 1.6 | 37 |
| 65 | High-temperature rims around calcium–aluminum-rich inclusions from the CR, CB and CH carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 155-184. | 1.6 | 37 |
| 66 | Combined U-corrected Pb-Pb dating and ^{26}Al - ^{26}Mg systematics of individual chondrules – Evidence for a reduced initial abundance of ^{26}Al amongst inner Solar System chondrules. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 260, 62-83. | 1.6 | 37 |
| 67 | Discovery of asimowite, the Fe-analog of wadsleyite, in shock-melted silicate droplets of the Suizhou L6 and the Quebrada Chimborazo 001 CB3.0 chondrites. <i>American Mineralogist</i> , 2019, 104, 775-778. | 0.9 | 37 |
| 68 | Chronologic implications for slow cooling of troctolite 76535 and temporal relationships between the Mg-suite and the ferroan anorthosite suite. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 377-391. | 1.6 | 36 |
| 69 | Injection mechanisms of short-lived radionuclides and their homogenization. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 4946-4962. | 1.6 | 35 |
| 70 | Timing and Origin of the Angrite Parent Body Inferred from Cr Isotopes. <i>Astrophysical Journal Letters</i> , 2019, 877, L13. | 3.0 | 33 |
| 71 | The internal structure and geodynamics of Mars inferred from a 4.2-Gyr zircon record. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30973-30979. | 3.3 | 33 |
| 72 | Chromium isotopic insights into the origin of chondrite parent bodies and the early terrestrial volatile depletion. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 301, 158-186. | 1.6 | 33 |

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|----|---|-----|-----------|
| 73 | MAGNESIUM ISOTOPE EVIDENCE FOR SINGLE STAGE FORMATION OF CB CHONDRULES BY COLLIDING PLANETESIMALS. <i>Astrophysical Journal Letters</i> , 2013, 776, L1. | 3.0 | 31 |
| 74 | ORIGIN OF EXCESS ¹⁷⁶ Hf IN METEORITES. <i>Astrophysical Journal</i> , 2010, 717, 861-867. | 1.6 | 29 |
| 75 | Magnesium and chromium isotope evidence for initial melting by radioactive decay of ²⁶ Al and late stage impact-melting of the ureilite parent body. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 208, 1-23. | 1.6 | 29 |
| 76 | Untangling the diagenetic history of uranium isotopes in marine carbonates: A case study tracing the ²³⁸ U composition of late Silurian oceans using calcitic brachiopod shells. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 93-110. | 1.6 | 29 |
| 77 | Probing the Protosolar Disk Using Dust Filtering at Gaps in the Early Solar System. <i>Astronomical Journal</i> , 2019, 158, 55. | 1.9 | 28 |
| 78 | Uranium isotope compositions of biogenic carbonates – Implications for U uptake in shells and the application of the paleo-ocean oxygenation proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 50-64. | 1.6 | 28 |
| 79 | Chromium Isotopic Constraints on the Origin of the Ureilite Parent Body. <i>Astrophysical Journal</i> , 2020, 888, 126. | 1.6 | 28 |
| 80 | Episodic formation of refractory inclusions in the Solar System and their presolar heritage. <i>Earth and Planetary Science Letters</i> , 2020, 535, 116088. | 1.8 | 28 |
| 81 | Dating and Tracing the Origin of Enstatite Chondrite Chondrules with Cr Isotopes. <i>Astrophysical Journal Letters</i> , 2020, 894, L26. | 3.0 | 27 |
| 82 | Thermal Evolution of Hydrated Asteroids Inferred from Oxygen Isotopes. <i>Astrophysical Journal Letters</i> , 2019, 882, L20. | 3.0 | 26 |
| 83 | Early oxidation of the martian crust triggered by impacts. <i>Science Advances</i> , 2020, 6, . | 4.7 | 26 |
| 84 | The role of Bells in the continuous accretion between the <sc>CM</sc> and <sc>CR</sc> chondrite reservoirs. <i>Meteoritics and Planetary Science</i> , 2020, 55, 575-590. | 0.7 | 26 |
| 85 | Origin of hydrogen isotopic variations in chondritic water and organics. <i>Earth and Planetary Science Letters</i> , 2021, 567, 117008. | 1.8 | 26 |
| 86 | Hadean geodynamics inferred from time-varying ¹⁴² Nd/ ¹⁴⁴ Nd in the early Earth rock record. <i>Geochemical Perspectives Letters</i> , 2018, 7, 43-48. | 1.0 | 26 |
| 87 | Platinum stable isotope ratio measurements by double-spike multiple collector ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 853. | 1.6 | 25 |
| 88 | Excess hafnium ¹⁷⁶ in meteorites and the early Earth zircon record. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, . | 1.0 | 24 |
| 89 | Late accretion history of the terrestrial planets inferred from platinum stable isotopes. <i>Geochemical Perspectives Letters</i> , 2017, , 94-104. | 1.0 | 24 |
| 90 | Platinum stable isotope analysis of geological standard reference materials by double-spike MC-ICPMS. <i>Chemical Geology</i> , 2014, 363, 293-300. | 1.4 | 23 |

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|-----|--|-----|-----------|
| 91 | Multi-element ion-exchange chromatography and high-precision MC-ICP-MS isotope analysis of Mg and Ti from sub-mm-sized meteorite inclusions. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 613-628. | 1.6 | 21 |
| 92 | Natural separation of two primordial planetary reservoirs in an expanding solar protoplanetary disk. <i>Science Advances</i> , 2022, 8, eabm3045. | 4.7 | 20 |
| 93 | Isotope record of mineralogical changes in a spectrum of aqueously altered CM chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 79-102. | 1.6 | 19 |
| 94 | Volatile element evolution of chondrules through time. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8547-8552. | 3.3 | 19 |
| 95 | Testing accretion mechanisms of the H chondrite parent body utilizing nucleosynthetic anomalies. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1215-1227. | 0.7 | 19 |
| 96 | Oxygen isotopic heterogeneity in the early Solar System inherited from the protosolar molecular cloud. <i>Science Advances</i> , 2020, 6, . | 4.7 | 19 |
| 97 | Pb-Pb ages and initial Pb isotopic composition of lunar meteorites: NWA 773 clan, NWA 4734, and Dhofar 287. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1808-1832. | 0.7 | 18 |
| 98 | High-precision $^{27}\text{Al}/^{24}\text{Mg}$ ratio determination using a modified isotope-dilution approach. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 644. | 1.6 | 16 |
| 99 | Tracing the origin and core formation of the enstatite achondrite parent bodies using Cr isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 308, 256-272. | 1.6 | 16 |
| 100 | Solar system Nd isotope heterogeneity: Insights into nucleosynthetic components and protoplanetary disk evolution. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 281, 135-148. | 1.6 | 16 |
| 101 | Tracing metal-silicate segregation and late veneer in the Earth and the ureilite parent body with palladium stable isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 216, 28-41. | 1.6 | 15 |
| 102 | Mass-independent and mass-dependent Cr isotopic composition of the Rumuruti (R) chondrites: Implications for their origin and planet formation. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 293, 598-609. | 1.6 | 15 |
| 103 | Zirconium isotopic composition of the mantle through time. <i>Geochemical Perspectives Letters</i> , 0, 15, 40-43. | 1.0 | 15 |
| 104 | A divergent heritage for complex organics in Isheyev lithic clasts. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 205, 119-148. | 1.6 | 14 |
| 105 | Chondrules: Ubiquitous Chondritic Solids Tracking the Evolution of the Solar Protoplanetary Disk. <i>Astrophysics and Space Science Library</i> , 2017, , 161-195. | 1.0 | 14 |
| 106 | Evaluating the robustness of a consensus $^{238}\text{U}/^{235}\text{U}$ value for U-Pb geochronology. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 171-183. | 1.6 | 14 |
| 107 | Mineralogy, petrography, and oxygen and aluminum-magnesium isotope systematics of grossite-bearing refractory inclusions. <i>Chemie Der Erde</i> , 2019, 79, 125529. | 0.8 | 14 |
| 108 | Impact glasses from Belize represent tektites from the Pleistocene Pantasma impact crater in Nicaragua. <i>Communications Earth & Environment</i> , 2021, 2, 94. | 2.6 | 14 |

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|-----|--|-----|-----------|
| 109 | Tracking the formation of magma oceans in the Solar System using stable magnesium isotopes. <i>Geochemical Perspectives Letters</i> , 2017, , 22-31. | 1.0 | 14 |
| 110 | Hybrid Accretion of Carbonaceous Chondrites by Radial Transport across the Jupiter Barrier. <i>Astrophysical Journal</i> , 2021, 910, 70. | 1.6 | 12 |
| 111 | Pb isotope evidence for rapid accretion and differentiation of planetary embryos. <i>Earth and Planetary Science Letters</i> , 2019, 525, 115722. | 1.8 | 11 |
| 112 | Identification of a meteoritic component using chromium isotopic composition of impact rocks from the Lomar impact structure, India. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2592-2599. | 0.7 | 10 |
| 113 | Chromium Stable Isotope Panorama of Chondrites and Implications for Earth Early Accretion. <i>Astrophysical Journal</i> , 2021, 923, 94. | 1.6 | 10 |
| 114 | Dental Caries in Rome, 50â€™100 AD. <i>Caries Research</i> , 2012, 46, 467-473. | 0.9 | 9 |
| 115 | Tungsten isotopes in bulk meteorites and their inclusionsâ€™Implications for processing of presolar components in the solar protoplanetary disk. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1643-1660. | 0.7 | 7 |
| 116 | Lead and Mg isotopic age constraints on the evolution of the HED parent body. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1233-1243. | 0.7 | 7 |
| 117 | Determination of the zirconium isotopic composition of the new isotopic standard NRC ZIRC-1 using MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 656-662. | 1.6 | 6 |
| 118 | The Absolute Pbâ€™Pb Isotope Ages of Chondrules. , 0, , 300-323. | | 5 |
| 119 | Chronology of meteorites and the early solar system. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 4919-4921. | 1.6 | 4 |
| 120 | Wholeâ€™rock ²⁶ Alâ€™ ²⁶ Mg systematics of amoeboid olivine aggregates from the oxidized CV3 carbonaceous chondrite Allende. <i>Meteoritics and Planetary Science</i> , 2011, 46, 1688-1702. | 0.7 | 4 |
| 121 | Mineralogy, petrology, and oxygen isotopic composition of Northwest Africa 12379, metal-rich chondrite with affinity to ordinary chondrites. <i>Chemie Der Erde</i> , 2019, 79, 125537. | 0.8 | 4 |
| 122 | AMBITION â€™ comet nucleus cryogenic sample return. <i>Experimental Astronomy</i> , 2022, 54, 1077-1128. | 1.6 | 4 |
| 123 | Isotope Dichotomy from Solar Protoplanetary Disk Processing of ¹⁵⁰ Nd-rich Stellar Ejecta. <i>Astrophysical Journal Letters</i> , 2021, 919, L8. | 3.0 | 4 |
| 124 | Improved methods for high-precision Pbâ€™Pb dating of extra-terrestrial materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2579-2587. | 1.6 | 4 |
| 125 | Microstructural and Chemical Investigations of Presolar Silicates from Diverse Stellar Environments. <i>Astrophysical Journal</i> , 2022, 925, 110. | 1.6 | 4 |
| 126 | Probing the solar system's prenatal history. <i>Science</i> , 2014, 345, 620-621. | 6.0 | 3 |

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|-----|--|-----|-----------|
| 127 | Presolar Silicate and Oxide Grains Found in Lithic Clasts from Isheyev and the Fine-grained Matrix of Northwest Africa 801. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 41. | 3.0 | 3 |
| 128 | Spontaneous Formation of Prebiotic Compartment Colonies on Hadean Earth and Pre- <i>Ne</i> oachian Mars**. <i>ChemSystemsChem</i> , 2022, 4, . | 1.1 | 3 |
| 129 | Unique igneous textures and shock metamorphism of the Northwest Africa 7203 angrite: Implications for crystallization processes and the evolutionary history of the angrite parent body. <i>Meteoritics and Planetary Science</i> , 2022, 57, 105-121. | 0.7 | 3 |
| 130 | Calibrating volatile loss from the Moon using the U-Pb system. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 324, 1-16. | 1.6 | 2 |
| 131 | Isotopic, Structural and Chemical Analyses of Pre-Solar Silicates from Asymptotic Giant Branch Stars and Type-II Supernova Explosions. <i>Microscopy and Microanalysis</i> , 2021, 27, 2782-2784. | 0.2 | 0 |
| 132 | Spontaneous Formation of Prebiotic Compartment Colonies on Hadean Earth and Pre- <i>Ne</i> oachian Mars. <i>ChemSystemsChem</i> , 2022, 4, . | 1.1 | 0 |