

Mario Fischer-Gädde

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,108
citations

394421

19
h-index

434195

31
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32
all docs

32
docs citations

32
times ranked

1753
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Protracted core formation and rapid accretion of protoplanets. <i>Science</i> , 2014, 344, 1150-1154. | 12.6 | 224 |
| 2 | Molybdenum isotopic evidence for the origin of chondrules and a distinct genetic heritage of carbonaceous and non-carbonaceous meteorites. <i>Earth and Planetary Science Letters</i> , 2016, 454, 293-303. | 4.4 | 220 |
| 3 | Rhodium, gold and other highly siderophile element abundances in chondritic meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 356-379. | 3.9 | 190 |
| 4 | Rhodium, gold and other highly siderophile elements in orogenic peridotites and peridotite xenoliths. <i>Chemical Geology</i> , 2011, 280, 365-383. | 3.3 | 167 |
| 5 | Ruthenium isotopic evidence for an inner Solar System origin of the late veneer. <i>Nature</i> , 2017, 541, 525-527. | 27.8 | 147 |
| 6 | Lunar tungsten isotopic evidence for the late veneer. <i>Nature</i> , 2015, 520, 534-537. | 27.8 | 139 |
| 7 | Nucleosynthetic W isotope anomalies and the Hf-W chronometry of Ca-Al-rich inclusions. <i>Earth and Planetary Science Letters</i> , 2014, 403, 317-327. | 4.4 | 111 |
| 8 | Neutron capture on Pt isotopes in iron meteorites and the Hf-W chronology of core formation in planetesimals. <i>Earth and Planetary Science Letters</i> , 2013, 361, 162-172. | 4.4 | 99 |
| 9 | Ru isotope heterogeneity in the solar protoplanetary disk. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 151-171. | 3.9 | 99 |
| 10 | The effects of magmatic processes and crustal recycling on the molybdenum stable isotopic composition of Mid-Ocean Ridge Basalts. <i>Earth and Planetary Science Letters</i> , 2016, 453, 171-181. | 4.4 | 90 |
| 11 | Osmium isotope and highly siderophile element constraints on ages and nature of meteoritic components in ancient lunar impact rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 135-156. | 3.9 | 86 |
| 12 | Re-Os geochronology of black shales from the Neoproterozoic Doushantuo Formation, Yangtze platform, South China. <i>Precambrian Research</i> , 2013, 225, 67-76. | 2.7 | 78 |
| 13 | Ruthenium isotope vestige of Earth's pre-late-veener mantle preserved in Archaean rocks. <i>Nature</i> , 2020, 579, 240-244. | 27.8 | 67 |
| 14 | Neodymium and hafnium boundary contributions to seawater along the West Antarctic continental margin. <i>Earth and Planetary Science Letters</i> , 2014, 394, 99-110. | 4.4 | 52 |
| 15 | A rapid and efficient ion-exchange chromatography for Lu-Hf, Sm-Nd, and Rb-Sr geochronology and the routine isotope analysis of sub-ng amounts of Hf by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 2323-2333. | 3.0 | 52 |
| 16 | Distinct evolution of the carbonaceous and non-carbonaceous reservoirs: Insights from Ru, Mo, and W isotopes. <i>Earth and Planetary Science Letters</i> , 2019, 521, 103-112. | 4.4 | 43 |
| 17 | Planetesimal differentiation revealed by the Hf-W systematics of ureilites. <i>Earth and Planetary Science Letters</i> , 2015, 430, 316-325. | 4.4 | 42 |
| 18 | In search of the Earth-forming reservoir: Mineralogical, chemical, and isotopic characterizations of the ungrouped achondrite <sc>NWA</sc> 5363/NWA 5400 and selected chondrites. <i>Meteoritics and Planetary Science</i> , 2017, 52, 807-826. | 1.6 | 40 |

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|----|---|------|-----------|
| 19 | Ruthenium stable isotope measurements by double spike MC-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1515-1526. | 3.0 | 21 |
| 20 | Pd-Ag chronometry of iron meteorites: Correction of neutron capture-effects and application to the cooling history of differentiated protoplanets. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 45-62. | 3.9 | 19 |
| 21 | Long-term preservation of Hadean protocrust in Earth's mantle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120241119. | 7.1 | 17 |
| 22 | Pd-Ag chronometry of IVA iron meteorites and the crystallization and cooling of a protoplanetary core. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 220, 82-95. | 3.9 | 15 |
| 23 | Feedstocks of the Terrestrial Planets. <i>Space Science Reviews</i> , 2018, 214, 1. | 8.1 | 15 |
| 24 | Tellurium isotope cosmochemistry: Implications for volatile fractionation in chondrite parent bodies and origin of the late veneer. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 309, 313-328. | 3.9 | 14 |
| 25 | Ruthenium isotope fractionation in protoplanetary cores. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 75-89. | 3.9 | 13 |
| 26 | Sr-bearing metal and niningerite in Almahata Sitta fine-grained ureilites and insights into the diversity of metal on the ureilite parent body. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1948-1977. | 1.6 | 11 |
| 27 | High-precision Determination of Gold Mass Fractions in Geological Reference Materials by Internal Standardisation. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 663-680. | 3.1 | 11 |
| 28 | Reconciliation of the excess ^{176}Hf conundrum in meteorites: Recent disturbances of the Lu-Hf and Sm-Nd isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 303-323. | 3.9 | 9 |
| 29 | Sr-Nd isotope and geochemical characterisation of the Paleoproterozoic Västervik formation (Baltic). <i>Journal of Earth Sciences</i> , 2012, 101, 39-55. | 1.8 | 8 |
| 30 | Reply to: No ^{182}W evidence for early Moon formation. <i>Nature Geoscience</i> , 2021, 14, 716-718. | 12.9 | 6 |
| 31 | Ruthenium Isotope Composition of Allende Refractory Metal Nuggets. <i>Astronomical Journal</i> , 2018, 156, 176. | 4.7 | 3 |