

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

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434195

31
g-index

32
all docs

32
docs citations

32
times ranked

1753
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term preservation of Hadean protocrust in Earth's mantle. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120241119.	7.1	17
2	Tellurium isotope cosmochemistry: Implications for volatile fractionation in chondrite parent bodies and origin of the late veneer. Geochimica Et Cosmochimica Acta, 2021, 309, 313-328.	3.9	14
3	Reply to: No ¹⁸² W evidence for early Moon formation. Nature Geoscience, 2021, 14, 716-718.	12.9	6
4	Ruthenium isotope vestige of Earth's pre-late-veener mantle preserved in Archaean rocks. Nature, 2020, 579, 240-244.	27.8	67
5	High-precision Determination of Gold Mass Fractions in Geological Reference Materials by Internal Standardisation. Geostandards and Geoanalytical Research, 2019, 43, 663-680.	3.1	11
6	Distinct evolution of the carbonaceous and non-carbonaceous reservoirs: Insights from Ru, Mo, and W isotopes. Earth and Planetary Science Letters, 2019, 521, 103-112.	4.4	43
7	Ruthenium isotope fractionation in protoplanetary cores. Geochimica Et Cosmochimica Acta, 2018, 223, 75-89.	3.9	13
8	Pd-Ag chronometry of IVA iron meteorites and the crystallization and cooling of a protoplanetary core. Geochimica Et Cosmochimica Acta, 2018, 220, 82-95.	3.9	15
9	Feedstocks of the Terrestrial Planets. Space Science Reviews, 2018, 214, 1.	8.1	15
10	Ruthenium Isotope Composition of Allende Refractory Metal Nuggets. Astronomical Journal, 2018, 156, 176.	4.7	3
11	Ruthenium isotopic evidence for an inner Solar System origin of the late veneer. Nature, 2017, 541, 525-527.	27.8	147
12	Reconciliation of the excess ¹⁷⁶ Hf conundrum in meteorites: Recent disturbances of the Lu-Hf and Sm-Nd isotope systematics. Geochimica Et Cosmochimica Acta, 2017, 212, 303-323.	3.9	9
13	In search of the Earth-forming reservoir: Mineralogical, chemical, and isotopic characterizations of the ungrouped achondrite <scp>NWA</scp> 5363/NWA 5400 and selected chondrites. Meteoritics and Planetary Science, 2017, 52, 807-826.	1.6	40
14	The effects of magmatic processes and crustal recycling on the molybdenum stable isotopic composition of Mid-Ocean Ridge Basalts. Earth and Planetary Science Letters, 2016, 453, 171-181.	4.4	90
15	Molybdenum isotopic evidence for the origin of chondrules and a distinct genetic heritage of carbonaceous and non-carbonaceous meteorites. Earth and Planetary Science Letters, 2016, 454, 293-303.	4.4	220
16	Ruthenium stable isotope measurements by double spike MC-ICPMS. Journal of Analytical Atomic Spectrometry, 2016, 31, 1515-1526.	3.0	21
17	Planetesimal differentiation revealed by the Hf-W systematics of ureilites. Earth and Planetary Science Letters, 2015, 430, 316-325.	4.4	42
18	Lunar tungsten isotopic evidence for the late veneer. Nature, 2015, 520, 534-537.	27.8	139

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19	Ru isotope heterogeneity in the solar protoplanetary disk. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 151-171.	3.9	99
20	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
21	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
22	Si-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
23	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
24	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
25	Protracted core formation and rapid accretion of protoplanets. <i>Science</i> , 2014, 344, 1150-1154.	12.6	224
26	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
27	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
28	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
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	Rhodium, gold and other highly siderophile elements in orogenic peridotites and peridotite xenoliths. <i>Chemical Geology</i> , 2011, 280, 365-383.	3.3	167
31	Rhodium, gold and other highly siderophile element abundances in chondritic meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 356-379.	3.9	190