

Andrea Mundl

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

563
citations

759233

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1125743

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all docs

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docs citations

15
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Tungsten-182 heterogeneity in modern ocean island basalts. <i>Science</i> , 2017, 356, 66-69.	12.6	171
2	Anomalous ^{182}W in high $^3\text{He}/^4\text{He}$ ocean island basalts: Fingerprints of Earth's core?. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 194-211.	3.9	87
3	Temporal evolution of primordial tungsten-182 and $^3\text{He}/^4\text{He}$ signatures in the Iceland mantle plume. <i>Chemical Geology</i> , 2019, 525, 245-259.	3.3	50
4	High-precision analysis of $^{182}\text{W}/^{184}\text{W}$ and $^{183}\text{W}/^{184}\text{W}$ by negative thermal ionization mass spectrometry: Per-integration oxide corrections using measured $^{18}\text{O}/^{16}\text{O}$. <i>International Journal of Mass Spectrometry</i> , 2017, 414, 80-86.	1.5	45
5	Ancient helium and tungsten isotopic signatures preserved in mantle domains least modified by crustal recycling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30993-31001.	7.1	41
6	Tungsten-182 in the upper continental crust: Evidence from glacial diamictites. <i>Chemical Geology</i> , 2018, 494, 144-152.	3.3	40
7	Ultra-depleted ^{205}Ga komatiites of Finnish Lapland: Products of grainy late accretion or core-mantle interaction?. <i>Chemical Geology</i> , 2020, 554, 119801.	3.3	31
8	Mesoproterozoic and Paleoproterozoic subcontinental lithospheric mantle domains beneath southern Patagonia: Isotopic evidence for its connection to Africa and Antarctica. <i>Geology</i> , 2015, 43, 39-42.	4.4	25
9	Tungsten Isotope Composition of Archean Crustal Reservoirs and Implications for Terrestrial ^{182}W Evolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009155.	2.5	20
10	Geochemical and Os-Hf-Nd-Sr Isotopic Characterization of North Patagonian Mantle Xenoliths: Implications for Extensive Melt Extraction and Percolation Processes. <i>Journal of Petrology</i> , 2016, 57, 685-715.	2.8	16
11	Chemical Separation of Tungsten and Other Trace Elements for TIMS Isotope Ratio Measurements Using Organic Acids. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 245-259.	3.1	16
12	Combined Lithophile-Siderophile Isotopic Constraints on Hadean Processes Preserved in Ocean Island Basalt Sources. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009479.	2.5	15
13	Earth's geodynamic evolution constrained by ^{182}W in Archean seawater. <i>Nature Communications</i> , 2022, 13, 2701.	12.8	6
14	Core Mantle Interactions. , 2021, , 270-277.		0