

Monica Handler

List of Publications by Year in descending order

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33
papers

2,033
citations

304368

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docs citations

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times ranked

2071
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple method for the precise determination of 40 trace elements in geological samples by ICPMS using enriched isotope internal standardisation. <i>Chemical Geology</i> , 1997, 134, 311-326.	1.4	760
2	The persistence of off-cratonic lithospheric mantle: Os isotopic systematics of variably metasomatised southeast Australian xenoliths. <i>Earth and Planetary Science Letters</i> , 1997, 151, 61-75.	1.8	165
3	Magnesium stable isotope composition of Earth's upper mantle. <i>Earth and Planetary Science Letters</i> , 2009, 282, 306-313.	1.8	148
4	Behaviour of Platinum-group elements in the subcontinental mantle of eastern Australia during variable metasomatism and melt depletion. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 3597-3618.	1.6	134
5	Field and Geochemical Constraints on Mafic-Felsic Interactions, and Processes in High-level Arc Magma Chambers: an Example from the Halfmoon Pluton, New Zealand. <i>Journal of Petrology</i> , 2010, 51, 1477-1505.	1.1	68
6	Evidence from correlated Ir/Os and Cu/S for late-stage Os mobility in peridotite xenoliths: Implications for Re-Os systematics. <i>Geology</i> , 1999, 27, 75.	2.0	59
7	Proterozoic lithosphere in Marie Byrd Land, West Antarctica: Re-Os systematics of spinel peridotite xenoliths. <i>Chemical Geology</i> , 2003, 196, 131-145.	1.4	59
8	Volatile contents of Kermadec Arc Havre Trough pillow glasses: Fingerprinting slab-derived aqueous fluids in the mantle sources of arc and back-arc lavas. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 152, 51-73.	0.8	52
9	New insights into the origin of Hf-Os isotope signatures in arc lavas from Tonga-Kermadec. <i>Chemical Geology</i> , 2009, 266, 187-193.	1.4	51
10	Sources of constructional cross-chain volcanism in the southern Havre Trough: New insights from HFSE and REE concentration and isotope systematics. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	51
11	Nd, Sr and Os isotope systematics in young, fertile spinel peridotite xenoliths from northern Queensland, Australia: A unique view of depleted MORB mantle?. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 5747-5763.	1.6	47
12	Application of portable X-ray fluorescence analyses to metabasalt stratigraphy, Plutonic Gold Mine, Western Australia. <i>Journal of Geochemical Exploration</i> , 2011, 110, 74-80.	1.5	47
13	High-precision Mg isotopic systematics of bulk chondrites. <i>Earth and Planetary Science Letters</i> , 2010, 297, 165-173.	1.8	43
14	The Anatomy of a Buried Submarine Hydrothermal System, Clark Volcano, Kermadec Arc, New Zealand. <i>Economic Geology</i> , 2014, 109, 2261-2292.	1.8	38
15	The carbonate mineralogy and distribution of habitat-forming deep-sea corals in the southwest pacific region. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 100, 88-104.	0.6	32
16	The origins of high-Ti and low-Ti magmas in large igneous provinces, insights from melt inclusion trace elements and Sr-Pb isotopes in the Emeishan large igneous Province. <i>Lithos</i> , 2019, 344-345, 122-133.	0.6	29
17	Noble gases in spinel peridotite xenoliths from Mt Quincan, North Queensland, Australia: Undisturbed MORB-type noble gases in the subcontinental lithospheric mantle. <i>Chemical Geology</i> , 2009, 266, 19-28.	1.4	26
18	The Tectonomagmatic Source of Ore Metals and Volatile Elements in the Southern Kermadec Arc. <i>Economic Geology</i> , 2012, 107, 1539-1556.	1.8	25

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19	Platinum stable isotope ratio measurements by double-spike multiple collector ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 853.	1.6	25
20	Late accretion history of the terrestrial planets inferred from platinum stable isotopes. <i>Geochemical Perspectives Letters</i> , 2017, , 94-104.	1.0	24
21	Constraining continental structure by integrating Os isotopic ages of lithospheric mantle with geophysical and crustal data: An example from southeastern Australia. <i>Tectonics</i> , 2001, 20, 177-188.	1.3	23
22	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
23	Processes and time scales of dacite magma assembly and eruption at Tauhara volcano, Taupo Volcanic Zone, New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 213-237.	1.0	15
24	Trench-perpendicular Geochemical Variation Between two Adjacent Kermadec Arc Volcanoes Rumble II East and West: the Role of the Subducted Hikurangi Plateau in Element Recycling in Arc Magmas. <i>Journal of Petrology</i> , 2016, 57, 1335-1360.	1.1	15
25	New Age and Geochemical Data from the Southern Colville and Kermadec Ridges, SW Pacific: Insights into the recent geological history and petrogenesis of the Proto-Kermadec (Vitiiaz) Arc. <i>Gondwana Research</i> , 2019, 72, 169-193.	3.0	15
26	The geochemistry and petrogenesis of Carnley Volcano, Auckland Islands, SW Pacific. <i>New Zealand Journal of Geology, and Geophysics</i> , 2018, 61, 480-497.	1.0	12
27	Melt Diversity and Magmatic Evolution in the Dali Picrites, Emeishan Large Igneous Province. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 9635-9657.	1.4	10
28	Re-Os geochronology and isotope systematics, and organic and sulfur geochemistry of the middle-late Paleocene Waipawa Formation, New Zealand: Insights into early Paleogene seawater Os isotope composition. <i>Chemical Geology</i> , 2020, 536, 119473.	1.4	9
29	Ar-Ar age constraints on the timing of Havre Trough opening and magmatism. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 371-377.	1.0	8
30	Marie Byrd Land lithospheric mantle: a review of the xenolith record. <i>Geological Society Memoir</i> , 0, , M56-2020-17.	0.9	7
31	New age constraints on metamorphism, metasomatism and gold mineralisation at Plutonic Gold Mine, Marymia Inlier, Western Australia. <i>Australian Journal of Earth Sciences</i> , 2016, 63, 413-426.	0.4	6
32	Depositional influences on Re-Os systematics of Late Cretaceous-Eocene fluvio-deltaic coals and coaly mudstones, Taranaki Basin, New Zealand. <i>International Journal of Coal Geology</i> , 2021, 236, 103670.	1.9	6
33	Geochemical characterisation of offshore New Zealand phosphorites, and mechanisms for their formation. <i>Marine Geology</i> , 2022, 445, 106751.	0.9	1