

Heather K Handley

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,772
citations

361296

20
h-index

414303

32
g-index

35
all docs

35
docs citations

35
times ranked

1952
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric sources of anthropogenic and geogenic trace metals in Australian lichen and fungi. <i>Anthropocene</i> , 2021, 33, 100279.	1.6	9
2	Stratigraphically controlled sampling captures the onset of highly fluid-fluxed melting at San Jorge volcano, Southern Volcanic Zone, Chile. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	6
3	A geochemical approach to distinguishing competing tectono-magmatic processes preserved in small eruptive centres. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	1.2	18
4	Remobilisation of industrial lead depositions in ash during Australian wildfires. <i>Science of the Total Environment</i> , 2017, 599-600, 1233-1240.	3.9	24
5	²¹⁰ Pb- ²²⁶ Ra disequilibria in young gas-laden magmas. <i>Scientific Reports</i> , 2017, 7, 45186.	1.6	9
6	Variable Conditions of Magma Storage and Differentiation with Links to Eruption Style at Ambrym Volcano, Vanuatu. <i>Journal of Petrology</i> , 2016, 57, 1049-1072.	1.1	25
7	Insights into past atmospheric lead emissions using lead concentrations and isotopic compositions in historic lichens and fungi (1852–2008) from central and southern Victoria, Australia. <i>Atmospheric Environment</i> , 2016, 139, 46-55.	1.9	14
8	Australian atmospheric lead deposition reconstructed using lead concentrations and isotopic compositions of archival lichen and fungi. <i>Environmental Pollution</i> , 2016, 208, 678-687.	3.7	26
9	Evaluation and assessment of the efficacy of an abatement strategy in a former lead smelter community, Boolaroo, Australia. <i>Environmental Geochemistry and Health</i> , 2016, 38, 941-954.	1.8	15
10	Dynamics and pre-eruptive conditions of catastrophic, ignimbrite-producing eruptions from the Yenkahe Caldera, Vanuatu. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 308, 39-60.	0.8	12
11	Identification of the sources of metal (lead) contamination in drinking waters in north-eastern Tasmania using lead isotopic compositions. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12276-12288.	2.7	55
12	Widespread Environmental Contamination Hazards in Agricultural Soils from the Use of Lead Joints in Above Ground Large-Scale Water Supply Pipelines. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	2
13	Assessment of a sequential phase extraction procedure for uranium-series isotope analysis of soils and sediments. <i>Applied Radiation and Isotopes</i> , 2014, 83, 47-55.	0.7	23
14	Very long hillslope transport timescales determined from uranium-series isotopes in river sediments from a large, tectonically stable catchment. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 142, 442-457.	1.6	14
15	The eruptive history and chemical stratigraphy of a post-caldera, steady-state volcano: Yasur, Vanuatu. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	37
16	Insights from Pb and O isotopes into along-arc variations in subduction inputs and crustal assimilation for volcanic rocks in Java, Sunda arc, Indonesia. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 139, 205-226.	1.6	29
17	The Frontiers of Uranium-series Research. <i>Eos</i> , 2014, 95, 178-178.	0.1	0
18	Timescales of magma degassing – Insights from U-series disequilibria, Mount Cameroon, West Africa. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 262, 38-46.	0.8	6

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19	Asthenospheric Control of Melting Processes in a Monogenetic Basaltic System: a Case Study of the Auckland Volcanic Field, New Zealand. <i>Journal of Petrology</i> , 2013, 54, 2125-2153.	1.1	97
20	Considerations for U-series dating of sediments: Insights from the Flinders Ranges, South Australia. <i>Chemical Geology</i> , 2013, 340, 40-48.	1.4	23
21	Sediment residence times constrained by uranium-series isotopes: A critical appraisal of the comminution approach. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 103, 245-262.	1.6	46
22	Soil formation rates determined from Uranium-series isotope disequilibria in soil profiles from the southeastern Australian highlands. <i>Earth and Planetary Science Letters</i> , 2013, 379, 26-37.	1.8	38
23	Processes and Timescales of Magma Genesis and Differentiation Leading to the Great Tambora Eruption in 1815. <i>Journal of Petrology</i> , 2012, 53, 271-297.	1.1	37
24	Magma Evolution in the Primitive, Intra-oceanic Tonga Arc: Rapid Petrogenesis of Dacites at Fonualei Volcano. <i>Journal of Petrology</i> , 2012, 53, 1231-1253.	1.1	51
25	Mantle flow, volatiles, slab surface temperatures and melting dynamics in the north Tonga arc Lau back arc basin. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
26	Insights into the Galapagos plume from uranium-series isotopes of recently erupted basalts. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	9
27	Hf-Nd isotope and trace element constraints on subduction inputs at island arcs: Limitations of Hf anomalies as sediment input indicators. <i>Earth and Planetary Science Letters</i> , 2011, 304, 212-223.	1.8	81
28	Geochemical and Sr-O isotopic constraints on magmatic differentiation at Gede Volcanic Complex, West Java, Indonesia. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 885-908.	1.2	25
29	Crustal and mantle influences and Th-Ra disequilibrium in andesitic lavas of Ngauruhoe volcano, New Zealand. <i>Chemical Geology</i> , 2010, 277, 355-373.	1.4	29
30	Rapid timescales of differentiation and evidence for crustal contamination at intra-oceanic arcs: Geochemical and Th-Ra-Sr-Nd isotopic constraints from Lopevi Volcano, Vanuatu, SW Pacific. <i>Earth and Planetary Science Letters</i> , 2008, 273, 184-194.	1.8	28
31	Untangling differentiation in arc lavas: Constraints from unusual minor and trace element variations at Salak Volcano, Indonesia. <i>Chemical Geology</i> , 2008, 255, 360-376.	1.4	21
32	Constraining Fluid and Sediment Contributions to Subduction-Related Magmatism in Indonesia: Ijen Volcanic Complex. <i>Journal of Petrology</i> , 2007, 48, 1155-1183.	1.1	97
33	Amphibole in sponge in arc crust?. <i>Geology</i> , 2007, 35, 787.	2.0	848