Kim Berlo

List of Publications by Year
in descending order

18 papers	544 citations	759233 12 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	603 citing authors

#	Article	IF	Citations
1	Geochemical Precursors to Volcanic Activity at Mount St. Helens, USA. Science, 2004, 306, 1167-1169.	12.6	99
2	Textural and chemical variation in plagioclase phenocrysts from the 1980 eruptions of Mount St. Helens, USA. Contributions To Mineralogy and Petrology, 2007, 154, 291-308.	3.1	60
3	210Pbâ€“226Ra and 228Raâ€“232Th systematics in young arc lavas: implications for magma degassing and ascent rates. Earth and Planetary Science Letters, 2004, 227, 1-16.	4.4	48
4	Pre- and syn-eruptive degassing and crystallisation processes of the 2010 and 2006 eruptions of Merapi volcano, Indonesia. Contributions To Mineralogy and Petrology, 2014, 168, 1.	3.1	43
5	Extreme alteration by hyperacidic brines at Kawah Ijen volcano, East Java, Indonesia: II. Journal of Volcanology and Geothermal Research, 2010, 196, 169-184.	2.1	39
6	Tracing pre-eruptive magma degassing using (210Pb/226Ra) disequilibria in the volcanic deposits of the 1980â€“1986 eruption of Mount St. Helens. Earth and Planetary Science Letters, 2006, 249, 337-349.	4.4	38
7	238Uâ€“230Thâ€“226Raâ€“210Pb constraints on the genesis of high-Mg andesites at White Island, New Zealand. Chemical Geology, 2007, 243, 105-121.	3.3	33
8	A tale of two magmas, Fuego, Guatemala. Bulletin of Volcanology, 2012, 74, 377-390.	3.0	31
9	Extreme alteration by hyperacidic brines at Kawah Ijen volcano, East Java, Indonesia: I. Textural and mineralogical imprint. Journal of Volcanology and Geothermal Research, 2010, 198, 253-263.	2.1	30
10	210Pbâ€“226Ra disequilibria in volcanic rocks. Earth and Planetary Science Letters, 2010, 296, 155-164.	4.4	28
11	Element flux to the environment of the passively degassing crater lake-hosting Kawah Ijen volcano, Indonesia, and implications for estimates of the global volcanic flux. Geological Society Special Publication, 2017, 437, 9-34.	1.3	18
12	Opal-A in Glassy Pumice, Acid Alteration, and the 1817 Phreatomagmatic Eruption at Kawah Ijen (Java), Indonesia. Frontiers in Earth Science, 2018, 6, .	1.8	13
13	Insights into the GalÃ¡pagos plume from uranium-series isotopes of recently erupted basalts. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	9
14	Volatile behaviour in the 1995-2010 eruption of the SoufriÃ¨re Hills Volcano, Montserrat recorded by U-series disequilibria in mafic enclaves and andesite host. Earth and Planetary Science Letters, 2019, 524, 115730.	4.4	6
15	An Experimental Investigation of Interaction between Andesite and Hyperacidic Volcanic Lake Water. Minerals (Basel, Switzerland), 2020, 10, 96.	2.0	6
16	Using the composition of fluid seepage from the magmatic-hydrothermal system of Kawah Ijen volcano, Indonesia, as a monitoring tool. Journal of Volcanology and Geothermal Research, 2020, 399, 106899.	2.1	5
17	Gypsum Precipitating From Volcanic Effluent as an Archive of Volcanic Activity. Frontiers in Earth Science, 2021, 9, .	1.8	4
18	U-series histories of magmatic volatile phase and enclave development at SoufriÃ¨re Hills Volcano, Montserrat. Chemical Geology, 2021, 559, 119957.	3.3	2