

Patricia Nadeau

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

818
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

983
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2018 rift eruption and summit collapse of K�lauea Volcano. <i>Science</i> , 2019, 363, 367-374.	12.6	353
2	Linking volcanic tremor, degassing, and eruption dynamics via SO ₂ imaging. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	91
3	Variability in eruption style and associated very long period events at Fuego volcano, Guatemala. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 1526-1533.	3.4	58
4	Multiparameter quantification of gas release during weak Strombolian eruptions at Pacaya Volcano, Guatemala. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	56
5	Assessment of the UV camera sulfur dioxide retrieval for point source plumes. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 188, 358-366.	2.1	42
6	Using SO ₂ camera imagery and seismicity to examine degassing and gas accumulation at K�lauea Volcano, May 2010. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 300, 70-80.	2.1	35
7	Hydroxyl, Cl, and F partitioning between high-silica rhyolitic melts-apatite-fluid(s) at 50�200 MPa and 700�1000 �C. <i>American Mineralogist</i> , 2017, 102, 61-74.	1.9	34
8	Quantifying gas emissions associated with the 2018 rift eruption of K�lauea Volcano using ground-based DOAS measurements. <i>Bulletin of Volcanology</i> , 2020, 82, 1.	3.0	29
9	Volatile metal emissions from volcanic degassing and lava�seawater interactions at K�lauea Volcano, Hawai�. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	25
10	The petrologic and degassing behavior of sulfur and other magmatic volatiles from the 2018 eruption of K�lauea, Hawai�: melt concentrations, magma storage depths, and magma recycling. <i>Bulletin of Volcanology</i> , 2021, 83, 1.	3.0	25
11	Spatial and Temporal Variations in SO ₂ and PM _{2.5} Levels Around K�lauea Volcano, Hawai'i During 2007�2018. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	21
12	Apparent downwind depletion of volcanic SO ₂ flux�lessons from Masaya Volcano, Nicaragua. <i>Bulletin of Volcanology</i> , 2009, 71, 389-400.	3.0	17
13	Rapid metal pollutant deposition from the volcanic plume of K�lauea, Hawai�. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	15
14	From Lava to Water: A New Era at K�lauea. <i>Eos</i> , 2020, 101, .	0.1	9
15	A glimpse into Augustine Volcano's Pleistocene past: Insight from the petrology of a massive rhyolite deposit. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 304, 304-323.	2.1	5
16	Pilot Program for Teaching Earth Science in New York. <i>Eos</i> , 2013, 94, 205-206.	0.1	2