

Agnes Mazot

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

566
citations

623734

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all docs

21
docs citations

21
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	The Extensive Parameters as a Tool to Monitoring the Volcanic Activity: The Case Study of Vulcano Island (Italy). Remote Sensing, 2022, 14, 1283.	4.0	23
2	Volcanic Gas Hazard Assessment in the Baia di Levante Area (Vulcano Island, Italy) Inferred by Geochemical Investigation of Passive Fluid Degassing. Geosciences (Switzerland), 2021, 11, 478.	2.2	6
3	Measurement of Atmospheric Mercury over Volcanic and Fumarolic Regions on the North Island of New Zealand Using Passive Air Samplers. ACS Earth and Space Chemistry, 2020, 4, 2435-2443.	2.7	12
4	Testing the tunable diode laser system in extreme environments: Measuring high and low CO ₂ concentrations in both active volcanic and geothermal settings. Journal of Volcanology and Geothermal Research, 2019, 376, 1-14.	2.1	6
5	Understanding Degassing Pathways Along the 1886 Tarawera (New Zealand) Volcanic Fissure by Combining Soil and Lake CO ₂ Fluxes. Frontiers in Earth Science, 2019, 7, .	1.8	4
6	Soil degassing at the Los Humeros geothermal field (Mexico). Journal of Volcanology and Geothermal Research, 2018, 356, 163-174.	2.1	22
7	Stromboli volcanic activity variations inferred from observations of fluid geochemistry: 16 years of continuous monitoring of soil CO ₂ fluxes (2000–2015). Chemical Geology, 2017, 469, 69-84.	3.3	20
8	Volatiles and energy released by Purac� volcano. Bulletin of Volcanology, 2017, 79, 1.	3.0	10
9	Reconstruction of the geology and structure of Lake Rotomahana and its hydrothermal systems from high-resolution multibeam mapping and seismic surveys: Effects of the 1886 Tarawera Rift eruption. Journal of Volcanology and Geothermal Research, 2016, 314, 57-83.	2.1	28
10	Heat flux from magmatic hydrothermal systems related to availability of fluid recharge. Journal of Volcanology and Geothermal Research, 2015, 302, 225-236.	2.1	20
11	CO ₂ Degassing from Volcanic Lakes. Advances in Volcanology, 2015, , 341-354.	1.1	20
12	Soil CO ₂ emissions as a proxy for heat and mass flow assessment, $T \cdot V_{volcanic} / Z_{one}$, N_{ew} / Z_{ealand} . Geochemistry, Geophysics, Geosystems, 2014, 15, 4885-4904.	2.5	59
13	Fluid geochemistry and soil gas fluxes (CO ₂ –CH ₄ –H ₂ S) at a promissory Hot Dry Rock Geothermal System: The Acoculco caldera, Mexico. Journal of Volcanology and Geothermal Research, 2014, 284, 122-137.	2.1	32
14	CO ₂ discharge from the bottom of volcanic Lake Rotomahana, New Zealand. Geochemistry, Geophysics, Geosystems, 2014, 15, 577-588.	2.5	48
15	Soil CO ₂ flux baseline in an urban monogenetic volcanic field: the Auckland Volcanic Field, New Zealand. Bulletin of Volcanology, 2013, 75, 1.	3.0	13
16	CO ₂ output discharged from Stromboli Island (Italy). Chemical Geology, 2013, 339, 52-60.	3.3	33
17	Long-time variation of soil CO ₂ fluxes at the summit crater of Vulcano (Italy). Bulletin of Volcanology, 2012, 74, 1859-1863.	3.0	29
18	Total CO ₂ output from Vulcano island (Aeolian Islands, Italy). Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	75

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19	CO ₂ and He degassing at El Chich ³ n volcano, Chiapas, Mexico: gas flux, origin and relationship with local and regional tectonics. <i>Bulletin of Volcanology</i> , 2011, 73, 423-441.	3.0	81
20	Monitoring active volcanoes: The geochemical approach. <i>Annals of Geophysics</i> , 2011, 54, .	1.0	2
21	Chemical evolution of thermal waters and changes in the hydrothermal system of Papandayan volcano (West Java, Indonesia) after the November 2002 eruption. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 178, 276-286.	2.1	23