

Daniele Morgavi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

383
citations

759233

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docs citations

20
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Calibrating Carbonization Temperatures of Wood Fragments Embedded within Pyroclastic Density Currents through Raman Spectroscopy. <i>Minerals</i> (Basel, Switzerland), 2022, 12, 203.	2.0	4
2	Rifting and recharge as triggers of the mixed basalt-rhyolite Halarauur ignimbrite eruption (Krafla, Iceland). <i>Journal of Volcanology and Geothermal Research</i> , 2022, 417, 107281.	3.1	3
3	Decrypting Magma Mixing in Igneous Systems. <i>Reviews in Mineralogy and Geochemistry</i> , 2022, 87, 607-638.	4.8	9
4	Centennial-scale eruptive diversity at Volc�n Calbuco (41.3�S; Northwest Patagonia) deduced from historic tephra cover-bed and dendrochronologic archives. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 417, 107281.	2.1	7
5	Rheological evolution of eruptible Basaltic-Andesite Magmas under dynamic conditions: The importance of plagioclase growth rates. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 420, 107411.	2.1	5
6	Retrieving magma composition from TIR spectra: implications for terrestrial planets investigations. <i>Scientific Reports</i> , 2019, 9, 15200.	3.3	13
7	Pre-eruptive conditions and triggering mechanism of the ~16ka Santa Barbara explosive eruption of Sete Cidades Volcano (S�o Miguel, Azores). <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	12
8	The unexpected explosive sub-Plinian eruption of Calbuco volcano (22�23 April 2015; southern Chile): Triggering mechanism implications. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 378, 35-50.	2.1	31
9	Role of magma mixing in the pre-eruptive dynamics of the Aeolian Islands volcanoes (Southern). <i>Journal of Volcanology and Geothermal Research</i> , 2019, 378, 1-14.	1.4	26
10	Volcanic ash aggregation enhanced by seawater interaction: the case of Secche di Lazzaro phreatomagmatic deposit (Stromboli). <i>Annals of Geophysics</i> , 2019, 61, .	1.0	3
11	An experimental device for characterizing degassing processes and related elastic fingerprints: Analog volcano seismo-acoustic observations. <i>Review of Scientific Instruments</i> , 2018, 89, 055102.	1.3	7
12	Enhancement of eruption explosivity by heterogeneous bubble nucleation triggered by magma mingling. <i>Scientific Reports</i> , 2017, 7, 16897.	3.3	18
13	Magma Mixing: History and Dynamics of an Eruption Trigger. <i>Advances in Volcanology</i> , 2017, , 123-137.	1.1	17
14	Exponential decay of concentration variance during magma mixing: Robustness of a volcanic chronometer and implications for the homogenization of chemical heterogeneities in magmatic systems. <i>Lithos</i> , 2017, 286-287, 396-407.	1.4	22
15	The Grizzly Lake complex (Yellowstone Volcano, USA): Mixing between basalt and rhyolite unraveled by microanalysis and X-ray microtomography. <i>Lithos</i> , 2016, 260, 457-474.	1.4	26
16	Approximate chemical analysis of volcanic glasses using Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 1235-1244.	2.5	53
17	Dynamics and time evolution of a shallow plumbing system: The 1739 and 1888�90 eruptions, Vulcano Island, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 306, 74-82.	2.1	24
18	Time evolution of chemical exchanges during mixing of rhyolitic and basaltic melts. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 615-638.	3.1	39

#	ARTICLE	IF	CITATIONS
19	Interactions between rhyolitic and basaltic melts unraveled by chaotic mixing experiments. <i>Chemical Geology</i> , 2013, 346, 199-212.	3.3	44
20	Morphochemistry of patterns produced by mixing of rhyolitic and basaltic melts. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 253, 87-96.	2.1	20