

Joan AndÃ³jar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/472819/publications.pdf>

Version: 2024-02-01

22
papers

603
citations

687363

13
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

788
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Emissivity of Phonolite Lava at High Temperature. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	5
2	High temperature spectral emissivity of glass and crystal-bearing basalts. Journal of Volcanology and Geothermal Research, 2022, 430, 107623.	2.1	3
3	Pre-eruptive conditions at satellite vent eruptions at Teide-Pico Viejo complex (Tenerife, Canary) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	4
4	Water solubility in trachytic and pantelleritic melts: an experimental study. Comptes Rendus - Geoscience, 2021, 353, 315-331.	1.2	4
5	Experimental determination of H ₂ O and CO ₂ solubilities of mafic alkaline magmas from Canary Islands. Comptes Rendus - Geoscience, 2021, 353, 289-314.	1.2	5
6	Experimental and thermodynamic constraints on mineral equilibrium in pantelleritic magmas. Lithos, 2020, 376-377, 105793.	1.4	9
7	Controls of magma chamber zonation on eruption dynamics and deposits stratigraphy: The case of El Palomar fallout succession (Tenerife, Canary Islands). Journal of Volcanology and Geothermal Research, 2020, 399, 106908.	2.1	9
8	Phase Equilibria of Pantelleria Trachytes (Italy): Constraints on Pre-eruptive Conditions and on the Metaluminous to Peralkaline Transition in Silicic Magmas. Journal of Petrology, 2018, 59, 559-588.	2.8	28
9	Storage conditions of the mafic and silicic magmas at Cotopaxi, Ecuador. Journal of Volcanology and Geothermal Research, 2018, 354, 74-86.	2.1	14
10	Structure of the Plumbing System at Tungurahua Volcano, Ecuador: Insights from Phase Equilibrium Experiments on July–August 2006 Eruption Products. Journal of Petrology, 2017, 58, 1249-1278.	2.8	32
11	Mediterranean basin basalts as potential materials for thermal energy storage in concentrated solar plants. Solar Energy Materials and Solar Cells, 2017, 171, 50-59.	6.2	15
12	Generation Conditions of Dacite and Rhyodacite via the Crystallization of an Andesitic Magma. Implications for the Plumbing System at Santorini (Greece) and the Origin of Tholeiitic or Calc-alkaline Differentiation Trends in Arc Magmas. Journal of Petrology, 2016, 57, 1887-1920.	2.8	31
13	Megacrystals track magma convection between reservoir and surface. Earth and Planetary Science Letters, 2015, 413, 1-12.	4.4	35
14	Differentiation Conditions of a Basaltic Magma from Santorini, and its Bearing on the Production of Andesite in Arc Settings. Journal of Petrology, 2015, 56, 765-794.	2.8	51
15	Experimental mixing of hydrous magmas. Chemical Geology, 2015, 418, 158-170.	3.3	15
16	On the conditions of magma mixing and its bearing on andesite production in the crust. Nature Communications, 2014, 5, 5607.	12.8	77
17	Storage conditions and eruptive dynamics of central versus flank eruptions in volcanic islands: The case of Tenerife (Canary Islands, Spain). Journal of Volcanology and Geothermal Research, 2013, 260, 62-79.	2.1	26
18	Experimental Constraints on Parameters Controlling the Difference in the Eruptive Dynamics of Phonolitic Magmas: the Case of Tenerife (Canary Islands). Journal of Petrology, 2012, 53, 1777-1806.	2.8	34

#	ARTICLE	IF	CITATIONS
19	Relationships between pre-eruptive conditions and eruptive styles of phonolite-trachyte magmas. <i>Lithos</i> , 2012, 152, 122-131.	1.4	53
20	Magma storage conditions of the last eruption of Teide volcano (Canary Islands, Spain). <i>Bulletin of Volcanology</i> , 2010, 72, 381-395.	3.0	44
21	Assessing the potential for future explosive activity from Teide-Pico Viejo stratovolcanoes (Tenerife, Canary Islands). <i>Journal of Volcanology and Geothermal Energy</i> , 2014, 2, 1-14.	2.1	49
22	Experimental constraints on pre-eruptive conditions of phonolitic magma from the caldera-forming El Abrigo eruption, Tenerife (Canary Islands). <i>Chemical Geology</i> , 2008, 257, 173-191.	3.3	60