

Ida Di Carlo

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

668
citations

759233

12
h-index

642732

23
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24
all docs

24
docs citations

24
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Crystallization of a High-K Arc Basalt: the Golden Pumice, Stromboli Volcano (Italy). <i>Journal of Petrology</i> , 2006, 47, 1317-1343.	2.8	163
2	Phase Equilibrium Constraints on Pre-eruptive Conditions of Recent Felsic Explosive Volcanism at Pantelleria Island, Italy. <i>Journal of Petrology</i> , 2010, 51, 2245-2276.	2.8	73
3	Generation of CO ₂ -rich melts during basalt magma ascent and degassing. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 545-561.	3.1	72
4	Experimental Constraints on the Deep Magma Feeding System at Stromboli Volcano, Italy. <i>Journal of Petrology</i> , 2009, 50, 601-624.	2.8	71
5	Assimilation of sulfate and carbonaceous rocks: Experimental study, thermodynamic modeling and application to the Norilsk-Talnakh region (Russia). <i>Ore Geology Reviews</i> , 2017, 90, 399-413.	2.7	49
6	A window in the course of alkaline magma differentiation conducive to immiscible REE-rich carbonatites. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 282, 297-323.	3.9	42
7	Phase Equilibria of Pantelleria Trachytes (Italy): Constraints on Pre-eruptive Conditions and on the Metaluminous to Peralkaline Transition in Silicic Magmas. <i>Journal of Petrology</i> , 2018, 59, 559-588.	2.8	28
8	Petrography, mineralogy and geochemistry of a primitive pumice from Stromboli: implications for the deep feeding system. <i>European Journal of Mineralogy</i> , 2011, 23, 499-517.	1.3	24
9	Towards the reconciliation of viscosity change and CO ₂ -induced polymerization in silicate melts. <i>Chemical Geology</i> , 2017, 458, 38-47.	3.3	22
10	A new set of standards for in situ measurement of bromine abundances in natural silicate glasses: Application to SR-XRF, LA-ICP-MS and SIMS techniques. <i>Chemical Geology</i> , 2017, 452, 60-70.	3.3	19
11	Effect of sulphur on the structure of silicate melts under oxidizing conditions. <i>Chemical Geology</i> , 2013, 358, 131-147.	3.3	18
12	A Raman calibration for the quantification of SO ₄ ²⁻ groups dissolved in silicate glasses: Application to natural melt inclusions. <i>American Mineralogist</i> , 2017, 102, 2065-2076.	1.9	13
13	The effect of Mg concentration in silicate glasses on CO ₂ solubility and solution mechanism: Implication for natural magmatic systems. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 198, 115-130.	3.9	13
14	The effect of sulphur on the glass transition temperature in anorthite-diopside eutectic glasses. <i>Chemical Geology</i> , 2015, 416, 11-18.	3.3	10
15	Experimental and thermodynamic constraints on mineral equilibrium in pantelleritic magmas. <i>Lithos</i> , 2020, 376-377, 105793.	1.4	9
16	Quartz Vein Geochemistry Records Deformation Processes in Convergent Zones. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009201.	2.5	9
17	Origin of primitive ultra-calcic arc melts at crustal conditions – Experimental evidence on the La Sommata basalt, Vulcano, Aeolian Islands. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 321, 85-101.	2.1	8
18	Timescales and mechanisms of paroxysm initiation at Stromboli volcano, Aeolian Islands, Italy. <i>Bulletin of Volcanology</i> , 2022, 84, 1.	3.0	7

#	ARTICLE	IF	CITATIONS
19	Volatiles and trace elements content in melt inclusions from the zoned Green Tuff ignimbrite (Pantelleria, Sicily): petrological inferences. <i>Annals of Geophysics</i> , 2018, 61, .	1.0	6
20	Crystallisation sequence of a REE-rich carbonate melt: an experimental approach. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 217-231.	1.2	5
21	Water solubility in trachytic and pantelleritic melts: an experimental study. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 315-331.	1.2	4
22	No direct effect of F, Cl and P on REE partitioning between carbonate and alkaline silicate melts. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 233-272.	1.2	2
23	High S and high CO ₂ contents in haplokimberlite: An experimental and Raman spectroscopic study. <i>Mineralogy and Petrology</i> , 2020, 114, 363-373.	1.1	1
24	Reply on the comment by X. Xue on «Towards the reconciliation of viscosity change and CO ₂ -induced polymerization in silicate melt» by Yann Morizet, Michael Paris, David Siffert, Ida Di Carlo, Sandra Ory, and Fabrice Gaillard [<i>chemical Geology</i> 458, 38-47]. <i>Chemical Geology</i> , 2020, 550, 119676.	3.3	0