

Lorella Francalanci

List of Publications by Year in descending order

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36
papers

2,014
citations

257450

24
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

1471
citing authors

#	ARTICLE	IF	CITATIONS
1	The volcanic activity of Stromboli in the 1906–1998 AD period: mineralogical, geochemical and isotope data relevant to the understanding of the plumbing system. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 131, 179-211.	2.1	131
2	Geochemical and isotopic variations in the calc-alkaline rocks of Aeolian arc, southern Tyrrhenian Sea, Italy: constraints on magma genesis. <i>Contributions To Mineralogy and Petrology</i> , 1993, 113, 300-313.	3.1	129
3	Volcanological and magmatological evolution of Stromboli volcano (Aeolian Islands): The roles of fractional crystallization, magma mixing, crustal contamination and source heterogeneity. <i>Bulletin of Volcanology</i> , 1989, 51, 355-378.	3.0	128
4	Generation of oceanic-island basaltic-type volcanism in the western Trans-Mexican volcanic belt by slab rollback, asthenosphere infiltration, and variable flux melting. <i>Geology</i> , 2001, 29, 507.	4.4	115
5	Sr isotope evidence for short magma residence time for the 20th century activity at Stromboli volcano, Italy. <i>Earth and Planetary Science Letters</i> , 1999, 167, 61-69.	4.4	108
6	Evolution and Genesis of Magmas from Vico Volcano, Central Italy: Multiple Differentiation Pathways and Variable Parental Magmas. <i>Journal of Petrology</i> , 2004, 45, 139-182.	2.8	107
7	The December 2002–July 2003 effusive event at Stromboli volcano, Italy: Insights into the shallow plumbing system by petrochemical studies. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 155, 263-284.	2.1	96
8	Petrology and geochemistry of the ultrapotassic rocks from the Sabatini Volcanic District, central Italy: the role of evolutionary processes in the genesis of variably enriched alkaline magmas. <i>Journal of Volcanology and Geothermal Research</i> , 1997, 75, 107-136.	2.1	91
9	Intra-Grain Sr Isotope Evidence for Crystal Recycling and Multiple Magma Reservoirs in the Recent Activity of Stromboli Volcano, Southern Italy. <i>Journal of Petrology</i> , 2005, 46, 1997-2021.	2.8	90
10	Complex dynamics of small-moderate volcanic events: the example of the 2011 rhyolitic Cordón Caulle eruption, Chile. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	86
11	Textural effects of steady state behaviour of the Stromboli feeding system. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 160, 86-98.	2.1	77
12	Origin of magmas feeding the Plinian phase of the Campanian Ignimbrite eruption, Phlegrean Fields (Italy): constraints based on matrix-glass and glass-inclusion compositions. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 91, 199-220.	2.1	76
13	Magma dynamics during the 2007 Stromboli eruption (Aeolian Islands, Italy): Mineralogical, geochemical and isotopic data. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 182, 255-268.	2.1	74
14	Chapter 13 Eruptive, volcano-tectonic and magmatic history of the Stromboli volcano (north-eastern)	1.7	67
15	Unusual coexistence of subduction-related and intraplate-type magmatism: Sr, Nd and Pb isotope and trace element data from the magmatism of the San Pedro–Ceboruco graben (Nayarit, Mexico). <i>Chemical Geology</i> , 2003, 193, 1-24.	3.3	66
16	Rapid mixing and short storage timescale in the magma dynamics of a steady-state volcano. <i>Earth and Planetary Science Letters</i> , 2018, 492, 206-221.	4.4	65
17	Crystal recycling in the steady-state system of the active Stromboli volcano: a 2.5-ka story inferred from in situ Sr-isotope and trace element data. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 109-131.	3.1	64
18	The Fate of High-Angle Dipping Slabs in the Subduction Factory: an Integrated Trace Element and Radiogenic Isotope (U, Th, Sr, Nd, Pb) Study of Stromboli Volcano, Aeolian Arc, Italy. <i>Journal of Petrology</i> , 2007, 48, 2407-2430.	2.8	57

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19	The Occurrence of Forsterite and Highly Oxidizing Conditions in Basaltic Lavas from Stromboli Volcano, Italy. <i>Journal of Petrology</i> , 2006, 47, 1345-1373.	2.8	47
20	The relationship between potassic and calc-alkaline post-orogenic magmatism at Vico volcano, central Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 95, 247-272.	2.1	39
21	Recycling of crystal mush-derived melts and short magma residence times revealed by U-series disequilibria at Stromboli volcano. <i>Earth and Planetary Science Letters</i> , 2014, 404, 206-219.	4.4	38
22	Geochemistry and Sr-Nd-Pb isotopes of Monte Amiata Volcano, Central Italy: evidence for magma mixing between high-K calc-alkaline and leucititic mantle-derived magmas. <i>Italian Journal of Geosciences</i> , 2015, 134, 266-290.	0.8	35
23	Persistent polybaric rests of calc-alkaline magmas at Stromboli volcano, Italy: pressure data from fluid inclusions in restitic quartzite nodules. <i>Bulletin of Volcanology</i> , 2003, 65, 385-404.	3.0	34
24	Inverse differentiation pathway by multiple mafic magma refilling in the last magmatic activity of Nisyros Volcano, Greece. <i>Bulletin of Volcanology</i> , 2012, 74, 1083-1100.	3.0	27
25	Volcanology and Magma Geochemistry of the Present-Day Activity: Constraints on the Feeding System. <i>Geophysical Monograph Series</i> , 0, , 19-37.	0.1	27
26	A west-east geochemical and isotopic traverse along the volcanism of the Aeolian Island arc, southern Tyrrhenian Sea, Italy: Inferences on mantle source processes. , 2007, , .		24
27	The evolution of the magmatic system of Stromboli volcano during the Vancori period (26±13.8 ky). <i>Journal of Volcanology and Geothermal Research</i> , 2005, 147, 1-38.	2.1	22
28	Understanding the collapse-eruptive link at Stromboli, Italy: A microanalytical study on the products of the recent Secche di Lazzaro phreatomagmatic activity. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 188, 315-332.	2.1	18
29	Dating Holocene lavas on Stromboli, Italy using cosmogenic He. <i>Quaternary Geochronology</i> , 2009, 4, 517-524.	1.4	17
30	When magmas do not interact: paired Roman-age activity revealed by tephra studies at Stromboli volcano. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	15
31	Unraveling the hidden origin and migration of plagioclase phenocrysts by in situ Sr isotopes: the case of final dome activity at Nisyros volcano, Greece. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	15
32	Crystal-mush reactivation by magma recharge: Evidence from the Campanian Ignimbrite activity, Campi Flegrei volcanic field, Italy. <i>Lithos</i> , 2020, 376-377, 105780.	1.4	9
33	Mineralogical, Geochemical, and Isotopic Characteristics of the Ejecta from the 5 April 2003 Paroxysm at Stromboli, Italy: Inferences on the Pre-eruptive Magma Dynamics. <i>Geophysical Monograph Series</i> , 0, , 331-345.	0.1	8
34	Magmatic reactivation of the Campi Flegrei volcanic system: insights from the Baia-Fondi di Baia eruption. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	3.0	7
35	High-Precision In Situ ⁸⁷ Sr/ ⁸⁶ Sr Analyses through Microsampling on Solid Samples: Applications to Earth and Life Sciences. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-20.	1.6	3
36	The San Pedro-Cerro Grande volcanic complex (Nayarit, Mexico): Inferences on volcanology and magma evolution. , 2006, , .		1