

# Patrizia Landi

## List of Publications by Year in descending order

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37  
papers

2,243  
citations

257450

24  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallization Driven by Decompression and Water Loss at Stromboli Volcano (Aeolian Islands, Italy). <i>Journal of Petrology</i> , 2001, 42, 1471-1490.	2.8	264
2	Onset of the persistent activity at Stromboli Volcano (Italy). <i>Bulletin of Volcanology</i> , 2000, 62, 294-300.	3.0	228
3	A review on phreatic eruptions and their precursors. <i>Journal of Volcanology and Geothermal Research</i> , 1992, 52, 231-246.	2.1	178
4	Stromboli volcano (Aeolian Archipelago, Italy): An open window on the deep-feeding system of a steady state basaltic volcano. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	173
5	Dynamics of magma mixing and degassing recorded in plagioclase at Stromboli (Aeolian Archipelago,) Tj ETQq1 1 0,784314 rgBT /Overk P49	3.1	149
6	Triggering mechanism at the origin of paroxysms at Stromboli (Aeolian Archipelago, Italy): The 5 April 2003 eruption. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	103
7	The December 2002â€“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	The Pomici di Base plinian eruption of Somma-Vesuvius. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 83, 219-239.	2.1	90
9	Changes in eruptive style during the A.D. 1538 Monte Nuovo eruption (Phlegrean Fields, Italy): the role of syn-eruptive crystallization. <i>Bulletin of Volcanology</i> , 2005, 67, 601-621.	3.0	77
10	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
11	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
12	Role of conduit shear on ascent of the crystal-rich magma feeding the 800-year-b.p. Plinian eruption of Quilotoa Volcano (Ecuador). <i>Bulletin of Volcanology</i> , 2004, 66, 307-321.	3.0	67
13	Chemical zoning and crystallization mechanisms in the magma chamber of the Pomici di Base plinian eruption of Somma-Vesuvius (Italy). <i>Contributions To Mineralogy and Petrology</i> , 1999, 135, 179-197.	3.1	55
14	Recycling and â€œre-hydrationâ€•of degassed magma inducing transient dissolution/crystallization events at Stromboli (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2008, 174, 325-336.	2.1	49
15	The pre-eruptive volatile contents of recent basaltic and pantelleritic magmas at Pantelleria (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2010, 189, 191-201.	2.1	49
16	The 1906 eruption of Vesuvius: from magmatic to phreatomagmatic activity through the flashing of a shallow depth hydrothermal system. <i>Bulletin of Volcanology</i> , 1991, 53, 517-532.	3.0	44
17	Kinetics of crystal evolution as a probe to magmatism at Stromboli (Aeolian Archipelago, Italy). <i>Geochimica Et Cosmochimica Acta</i> , 2013, 110, 135-151.	3.9	40
18	Uncovering the eruptive patterns of the 2019 doubleâ€•paroxysm eruption crisis of Stromboli volcano. <i>Nature Communications</i> , 2021, 12, 4213.	12.8	35

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19	Paleomagnetic dating of the most recent silicic eruptive activity at Pantelleria (Strait of Sicily). <i>Bulletin of Volcanology</i> , 2010, 72, 847-858.	3.0	32
20	Volatiles in pantellerite magmas: A case study of the Green Tuff Plinian eruption (Island of Pantelleria, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	2.1	32
21	Major explosions and paroxysms at Stromboli (Italy): a new historical catalog and temporal models of occurrence with uncertainty quantification. <i>Scientific Reports</i> , 2020, 10, 17357.	3.3	32
22	Integrated petrochemical and geophysical data reveals thermal distribution of the feeding conduits at Stromboli volcano, Italy. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	30
23	The 2009 paroxysmal explosions at Stromboli (Italy): magma mixing and eruption dynamics. <i>Bulletin of Volcanology</i> , 2011, 73, 1147-1154.	3.0	29
24	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
25	A LiDAR survey of Stromboli volcano (Italy): Digital elevation model-based geomorphology and intensity analysis. <i>International Journal of Remote Sensing</i> , 2010, 31, 3177-3194.	2.9	24
26	Unusual lapilli tuff ejecta erupted at Stromboli during the 15 March 2007 explosion shed light on the nature and thermal state of rocks forming the crater system of the volcano. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 254, 37-52.	2.1	22
27	Dissolution/crystallization kinetics recorded in the 2002â€“2003 lavas of Stromboli (Italy). <i>Bulletin of Volcanology</i> , 2009, 71, 631-641.	3.0	20
28	Late Pleistocene-Holocene volcanic activity in northern Victoria Land recorded in Ross Sea (Antarctica) marine sediments. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	20
29	Deciphering textural and chemical zoning of K-feldspar megacrysts from Mt. Amiata Volcano (Southern Tuscany, Italy): Insights into the petrogenesis and abnormal crystal growth. <i>Lithos</i> , 2019, 324-325, 569-583.	1.4	20
30	Transient processes in Stromboliâ€™s shallow basaltic system inferred from dolerite and magmatic breccia blocks erupted during the 5 April 2003 paroxysm. <i>Bulletin of Volcanology</i> , 2009, 71, 795-813.	3.0	17
31	Cooling and crystallization recorded in trachytic enclaves hosted in pantelleritic magmas (Pantelleria, Italy): Implications for pantellerite petrogenesis. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 169-179.	2.1	16
32	Magmatic processes revealed by anorthoclase textures and trace element modeling: The case of the Lajes Ignimbrite eruption (Terceira Island, Azores). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 347, 44-63.	2.1	16
33	Crystallization Kinetics of Alkali Feldspar in Peralkaline Rhyolitic Melts: Implications for Pantelleria Volcano. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	16
34	Mafic inclusions in the silica-rich rocks of the Tolfa-Ceriti-Manziana volcanic district (Tuscan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	1.1	8
35	A spatter-forming, large-scale paroxysm at Stromboli Volcano (Aeolian Islands, Italy): insight into magma evolution and eruption dynamics. <i>Bulletin of Volcanology</i> , 2011, 73, 1393-1406.	3.0	8
36	Mineralogical, Geochemical, and Isotopic Characteristics of the Ejecta from the 5 April 2003 Paroxysm at Stromboli, Italy: Inferences on the Preruptive Magma Dynamics. <i>Geophysical Monograph Series</i> , 0, , 331-345.	0.1	8

#	ARTICLE	IF	CITATIONS
37	The Onano eruption (Latera volcano, Central Italy): an example of magma mixing/mingling as dominant process in a caldera-forming eruption. Contributions To Mineralogy and Petrology, 2020, 175, 1.	3.1	1