

Paola Del Carlo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/242188/publications.pdf>

Version: 2024-02-01

54
papers

2,305
citations

279701

23
h-index

214721

47
g-index

56
all docs

56
docs citations

56
times ranked

2108
citing authors

#	ARTICLE	IF	CITATIONS
1	Tephrostratigraphy of proximal pyroclastic sequences at Mount Melbourne (northern Victoria Land,) Tj ETQq1 1 and Geothermal Research, 2022, 422, 107457.	0.784314	5
2	Reconstruction of the subaerial Holocene volcanic activity through paleomagnetic and 14C dating methods: El Hierro (Canary Islands). Journal of Volcanology and Geothermal Research, 2022, 425, 107526.	0.8	5
3	Physical and morphological characterization of the 19 May 2021 ash cloud deposit at Stromboli (Italy). Scientific Reports, 2022, 12, .	1.6	3
4	Chapter 7.3â€fMount Melbourne and Mount Rittmann. Geological Society Memoir, 2021, 55, 741-758.	0.9	12
5	Environmental and Oceanographic Conditions at the Continental Margin of the Central Basin, Northwestern Ross Sea (Antarctica) Since the Last Glacial Maximum. Geosciences (Switzerland), 2021, 11, 155.	1.0	7
6	Tephrochronology and Provenance of an Early Pleistocene (Calabrian) Tephra From IODP Expedition 374 Site U1524, Ross Sea (Antarctica). Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009739.	1.0	3
7	Chapter 6.1â€fMarine record of Antarctic volcanism from drill cores. Geological Society Memoir, 2021, 55, 631-647.	0.9	5
8	Evidence for a large-magnitude Holocene eruption of Mount Rittmann (Antarctica): A volcanological reconstruction using the marine tephra record. Quaternary Science Reviews, 2020, 250, 106629.	1.4	12
9	The forgotten eruption: The basaltic scoria cone of Montaña Grande, Tenerife. Journal of Volcanology and Geothermal Research, 2020, 401, 106918.	0.8	3
10	Evidence for an unknown explosive eruption of Mt. Etna volcano (Italy) during the Late Glacial. Journal of Volcanology and Geothermal Research, 2020, 402, 106992.	0.8	5
11	Refining the Holocene eruptive activity at Tenerife (Canary Islands): The contribution of palaeomagnetism. Journal of Volcanology and Geothermal Research, 2020, 401, 106930.	0.8	6
12	First marine cryptotephra in Antarctica found in sediments of the western Ross Sea correlates with englacial tephra and climate records. Scientific Reports, 2019, 9, 10628.	1.6	20
13	A Highâ€Resolution Geomagnetic Relative Paleointensity Record From the Arctic Ocean Deepâ€Water Gateway Deposits During the Last 60Ãkyr. Geochemistry, Geophysics, Geosystems, 2019, 20, 2355-2377.	1.0	13
14	Tephra and cryptotephra in a ~â€60,000-year-old lacustrine sequence from the Fucino Basin: new insights into the major explosive events in Italy. Bulletin of Volcanology, 2018, 80, 1.	1.1	14
15	Pyroclastic density currents at Etna volcano, Italy: The 11 February 2014 case study. Journal of Volcanology and Geothermal Research, 2018, 357, 92-105.	0.8	18
16	Late Glacial-Holocene tephra from southern Patagonia and Tierra del Fuego (Argentina, Chile): A complete textural and geochemical fingerprinting for distal correlations in the Southern Hemisphere. Quaternary Science Reviews, 2018, 195, 153-170.	1.4	22
17	New findings of Late Glacial Etna pumice fall deposits in NE Sicily and implications for distal tephra correlations in the Mediterranean area. Bulletin of Volcanology, 2017, 79, 1.	1.1	7
18	Magma dynamics within a basaltic conduit revealed by textural and compositional features of erupted ash: the December 2015 Mt. Etna paroxysms. Scientific Reports, 2017, 7, 4805.	1.6	42

#	ARTICLE	IF	CITATIONS
19	Characterization of seismic signals recorded in Tethys Bay, Victoria Land (Antarctica): data from atmosphere-cryosphere-hydrosphere interaction. <i>Annals of Geophysics</i> , 2017, 60, .	0.5	3
20	First tephrostratigraphic results of the DEEP site record from Lake Ohrid (Macedonia and Albania). <i>Biogeosciences</i> , 2016, 13, 2151-2178.	1.3	67
21	PM<sub>10</sub> measurements in urban settlements after lava fountain episodes at Mt. Etna, Italy: pilot test to assess volcanic ash hazard to human health. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 29-40.	1.5	24
22	The 1909 Chinyero eruption on Tenerife (Canary Islands): insights from historical accounts, and tephrostratigraphic and geochemical data. <i>Bulletin of Volcanology</i> , 2016, 78, 1.	1.1	9
23	Outer shelf seafloor geomorphology along a carbonate escarpment: The eastern Malta Plateau, Mediterranean Sea. <i>Continental Shelf Research</i> , 2016, 131, 12-27.	0.9	19
24	Coseismic effects of the 2016 Amatrice seismic sequence: first geological results. <i>Annals of Geophysics</i> , 2016, 59, .	0.5	37
25	Quaternary geology of the Middle Aterno Valley, 2009â€¦L'Aquila earthquake area (Abruzzi Apennines,) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 5	1.0	24
26	Late Pleistocene-Holocene volcanic activity in northern Victoria Land recorded in Ross Sea (Antarctica) marine sediments. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	20
27	New insight into the 2011-2012 unrest and eruption of El Hierro Island (Canary Islands) based on integrated geophysical, geodetical and petrological data. <i>Annals of Geophysics</i> , 2015, 58, .	0.5	9
28	The Large Explosive Activity of Mt. Etna as Recorded in Distal Tephrostratigraphy. <i>Springer Geology</i> , 2014, , 1281-1283.	0.2	0
29	Volcanic activity and its link to glaciation cycles: Single-grain age and geochemistry of Early to Middle Miocene volcanic glass from ANDRILL AND-2A core, Antarctica. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 250, 106-128.	0.8	22
30	Tephra hazard assessment at Mt. Etna (Italy). <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 3221-3233.	1.5	41
31	A GIS-based application for volume estimation and spatial distribution analysis of tephra fallout: a case study of the 122 BC Etna eruption. <i>Annals of Geophysics</i> , 2013, 56, .	0.5	2
32	Geological evidence for paleotsunamis along eastern Sicily (Italy): an overview. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 2569-2580.	1.5	33
33	The Mt. Moio eruption (Etna): Stratigraphy, petrochemistry and ⁴⁰ Ar/ ³⁹ Ar age determination with inferences on the relationship between structural setting and magma intrusion. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 241-242, 49-60.	0.8	5
34	A continuous palaeosecular variation record of the last four millennia from the Augusta Bay (Sicily,) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 5	1.0	11
35	Possible tsunami signatures from an integrated study in the Augusta Bay offshore (Eastern) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 5	0.9	79
36	A unique 4000 year long geological record of multiple tsunami inundations in the Augusta Bay (eastern Sicily, Italy). <i>Marine Geology</i> , 2010, 276, 42-57.	0.9	84

#	ARTICLE	IF	CITATIONS
37	$^{40}\text{Ar}/^{39}\text{Ar}$ dating of volcanogenic products from the AND-2A core (ANDRILL Southern McMurdo) Tj ETQq1 1 0.784314 rgBT /Overlbc age model of the core. <i>Bulletin of Volcanology</i> , 2010, 72, 487-505.	1.1	37
38	Quantitative assessment of volcanic ash hazards for health and infrastructure at Mt. Etna (Italy) by numerical simulation. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 192, 85-96.	0.8	84
39	Shifting styles of basaltic explosive activity during the 2002-03 eruption of Mt. Etna, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 180, 110-122.	0.8	66
40	The occurrence of Mt Barca flank eruption in the evolution of the NW periphery of Etna volcano (Italy). <i>Bulletin of Volcanology</i> , 2009, 71, 79-94.	1.1	8
41	The upper lithostratigraphic unit of ANDRILL AND-2A core (Southern McMurdo Sound, Antarctica): Local Pleistocene volcanic sources, paleoenvironmental implications and subsidence in the southern Victoria Land Basin. <i>Global and Planetary Change</i> , 2009, 69, 142-161.	1.6	18
42	Features of some paleosols on the flanks of Etna volcano (Italy) and their origin. <i>Geoderma</i> , 2007, 142, 112-126.	2.3	12
43	Tephra fallout of 2001 Etna flank eruption: Analysis of the deposit and plume dispersion. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 160, 147-164.	0.8	115
44	Proximal tephra hazards: Recent eruption studies applied to volcanic risk in the Auckland volcanic field, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 155, 138-149.	0.8	34
45	Changing conditions of magma ascent and fragmentation during the Etna 122-123 BC basaltic Plinian eruption: Evidence from clast microtextures. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 158, 333-354.	0.8	135
46	A multi-disciplinary study of the 2002-03 Etna eruption: insights into a complex plumbing system. <i>Bulletin of Volcanology</i> , 2005, 67, 314-330.	1.1	271
47	Types of eruptions of Etna volcano AD 1670-2003: implications for short-term eruptive behaviour. <i>Bulletin of Volcanology</i> , 2005, 67, 732-742.	1.1	148
48	Etna 2004-2005: An archetype for geodynamically-controlled effusive eruptions. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	120
49	Explosive eruption of a picrite: The 3930 BP subplinian eruption of Etna volcano (Italy). <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	34
50	The influence of conduit processes on changes in style of basaltic Plinian eruptions: Tarawera 1886 and Etna 122 BC. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 137, 1-14.	0.8	142
51	Eruptions of Mt. Etna during the past 3,200 Years: A revised compilation integrating the historical and stratigraphic records. <i>Geophysical Monograph Series</i> , 2004, , 1-27.	0.1	72
52	The 18.7 ka phreatomagmatic flank eruption on Etna (Italy): relationship between eruptive activity and sedimentary basement setting. <i>Terra Nova</i> , 2001, 13, 235-240.	0.9	11
53	Stratigraphic constraints for explosive activity in the past 100 ka at Etna Volcano, Italy. <i>International Journal of Earth Sciences</i> , 2000, 89, 665-677.	0.9	126
54	Discovery of a Plinian basaltic eruption of Roman age at Etna volcano, Italy. <i>Geology</i> , 1998, 26, 1095.	2.0	179