

# Eugenio Nicotra

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

428  
citations

623734

14  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous magma recharge at Mt. Etna during the 2011–2013 period controls the style of volcanic activity and compositions of erupted lavas. <i>Mineralogy and Petrology</i> , 2015, 109, 67-83.	1.1	35
2	Unusual magma storage conditions at Mt. Etna (Southern Italy) as evidenced by plagioclase megacryst-bearing lavas: implications for the plumbing system geometry and summit caldera collapse. <i>Bulletin of Volcanology</i> , 2012, 74, 795-815.	3.0	32
3	The magma source at Mount Etna volcano: Perspectives from the Hf isotope composition of historic and recent lavas. <i>Chemical Geology</i> , 2011, 281, 343-351.	3.3	31
4	Magma storage, ascent and recharge history prior to the 1991 eruption at Avachinsky Volcano, Kamchatka, Russia: Inferences on the plumbing system geometry. <i>Lithos</i> , 2012, 140-141, 11-24.	1.4	31
5	Regimes of magma recharge and their control on the eruptive behaviour during the period 2001–2005 at Mt. Etna volcano. <i>Bulletin of Volcanology</i> , 2012, 74, 533-543.	3.0	31
6	Revealing magma degassing below closed-conduit active volcanoes: Geochemical features of volcanic rocks versus fumarolic fluids at Vulcano (Aeolian Islands, Italy). <i>Lithos</i> , 2016, 248-251, 272-287.	1.4	31
7	Timescales of magma storage and migration recorded by olivine crystals in basalts of the March–April 2010 eruption at Eyjafjallajökull volcano, Iceland. <i>American Mineralogist</i> , 2016, 101, 222-230.	1.9	29
8	Crystal residence times from trace element zoning in plagioclase reveal changes in magma transfer dynamics at Mt. Etna during the last 400 years. <i>Lithos</i> , 2016, 248-251, 309-323.	1.4	29
9	Transient uprise of gas and gas-rich magma batches fed the pulsating behavior of the 2006 eruptive episodes at Mt. Etna volcano. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 227-228, 102-118.	2.1	27
10	Timescales of pre-eruptive magmatic processes at Vulcano (Aeolian Islands, Italy) during the last 1000 years. <i>Lithos</i> , 2018, 316-317, 347-365.	1.4	24
11	Relationship between the flank sliding of the South East Crater (Mt. Etna, Italy) and the paroxysmal event of November 16, 2006. <i>Bulletin of Volcanology</i> , 2010, 72, 1179-1190.	3.0	22
12	The complex rheology of megacryst-rich magmas: The case of the mugearitic olivine lavas of Mt. Etna volcano. <i>Chemical Geology</i> , 2017, 458, 48-67.	3.3	18
13	The dyke swarm of Mount Calanna (Etna, Italy): an example of the uppermost portion of a volcanic plumbing system. <i>Bulletin of Volcanology</i> , 2010, 72, 1191-1207.	3.0	15
14	Fluorophlogopite from Piano delle Concazze (Mt. Etna, Italy): Crystal chemistry and implications for the crystallization conditions. <i>American Mineralogist</i> , 2013, 98, 1017-1025.	1.9	14
15	Influx of volatiles into shallow reservoirs at Mt. Etna volcano (Italy) responsible for halogen-rich magmas. <i>European Journal of Mineralogy</i> , 2010, 22, 121-138.	1.3	12
16	Halogen-dominant mineralization at Mt. Calvario dome (Mt. Etna) as a response of volatile flushing into the magma plumbing system. <i>Mineralogy and Petrology</i> , 2012, 106, 89-105.	1.1	12
17	Volcanological evolution of the Rivi–Capo Volcanic Complex at Salina, Aeolian Islands: magma storage processes and ascent dynamics. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	11
18	Catching the Main Ethiopian Rift evolving towards plate divergence. <i>Scientific Reports</i> , 2021, 11, 21821.	3.3	9

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19	Changing modes and rates of mafic magma supply at Pantelleria (Sicily Channel, Southern Italy): new perspectives on the volcano factory drawn upon olivine records. <i>Journal of Petrology</i> , 2020, 61, .	2.8	4
20	Comment on "Complex magma dynamics at Mount Etna revealed by seismic, thermal, and volcanological data" by B. Behncke, S. Falsaperla, and E. Pecora. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	3
21	Production of mildly alkaline basalts at complex ocean ridge settings: Perspectives from basalts emitted during the 2010 eruption at the Eyjafjallajökull volcano, Iceland. <i>Journal of Geodynamics</i> , 2015, 91, 51-64.	1.6	3
22	Insights Into the Eruptive Dynamics of Small Caldera-Forming Eruptions: The Case Study of the Welded Scoriae of Vulcano (Aeolian Islands, Italy). <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	3