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List of Publications by Year in descending order

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35 papers	1,446 citations	430754 18 h-index	360920 35 g-index
35 all docs	35 docs citations	35 times ranked	1074 citing authors

#	Article	IF	Citations
1	A multi-disciplinary study of the 2002?03 Etna eruption: insights into a complex plumbing system. Bulletin of Volcanology, 2005, 67, 314-330.	1.1	271
2	Types of eruptions of Etna volcano AD 1670â€“2003: implications for short-term eruptive behaviour. Bulletin of Volcanology, 2005, 67, 732-742.	1.1	148
3	Etna 2004â€“2005: An archetype for geodynamically-controlled effusive eruptions. Geophysical Research Letters, 2005, 32, .	1.5	120
4	The continuing story of Etna's New Southeast Crater (2012â€“2014): Evolution and volume calculations based on field surveys and aerophotogrammetry. Journal of Volcanology and Geothermal Research, 2015, 303, 175-186.	0.8	101
5	Geological evolution of Mount Etna volcano (Italy) from earliest products until the first central volcanism (between 500 and 100Âka ago) inferred from geochronological and stratigraphic data. International Journal of Earth Sciences, 2008, 97, 135-152.	0.9	93
6	Analysis of the 2001 lava flow eruption of Mt. Etna from three-dimensional mapping. Journal of Geophysical Research, 2007, 112, .	3.3	86
7	Eruptions of Mt. Etna during the past 3,200 Years: A revised compilation integrating the historical and stratigraphic records. Geophysical Monograph Series, 2004, , 1-27.	0.1	72
8	The morphostructural setting of Mount Etna sedimentary basement (Italy): Implications for the geometry and volume of the volcano and its flank instability. Tectonophysics, 2013, 586, 46-64.	0.9	61
9	Geometry and kinematics of the fault systems controlling the unstable flank of Etna volcano (Sicily). Journal of Volcanology and Geothermal Research, 2013, 251, 5-15.	0.8	60
10	Intrusive mechanism of the 2002 NEâ€Rift eruption at Mt. Etna (Italy) inferred through continuous microgravity data and volcanological evidences. Geophysical Research Letters, 2003, 30, .	1.5	58
11	Long-term uplift rate of the Etna volcano basement (southern Italy) based on biochronological data from Pleistocene sediments. Terra Nova, 2002, 14, 61-68.	0.9	53
12	The large and destructive 1669 AD eruption at Etna volcano: reconstruction of the lava flow field evolution and effusion rate trend. Bulletin of Volcanology, 2013, 75, 1.	1.1	37
13	Multiple hazards and paths to eruptions: A review of the volcanic system of Vulcano (Aeolian Islands,) Tj ETQq1 1 0.784314 rgBT /Ove	4.0	36
14	Impacts of the 1669 eruption and the 1693 earthquakes on the Etna Region (Eastern Sicily, Italy): An example of recovery and response of a small area to extreme events. Journal of Volcanology and Geothermal Research, 2015, 303, 25-40.	0.8	27
15	Surface ruptures following the 26 December 2018, Mw 4.9, Mt. Etna earthquake, Sicily (Italy). Journal of Maps, 2019, 15, 831-837.	1.0	26
16	ThreeâEDimensional Modeling of Mount Etna Volcano: Volume Assessment, Trend of Eruption Rates, and Geodynamic Significance. Tectonics, 2018, 37, 842-857.	1.3	25
17	Slab Detachment, Mantle Flow, and Crustal Collision in Eastern Sicily (Southern Italy): Implications on Mount Etna Volcanism. Tectonics, 2020, 39, e2020TC006188.	1.3	21
18	Geological map of Mount Etna West Rift (Italy). Journal of Maps, 2010, 6, 96-122.	1.0	19

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19	The 1928 eruption of Mount Etna (Italy): Reconstructing lava flow evolution and the destruction and recovery of the town of Mascali. Journal of Volcanology and Geothermal Research, 2017, 335, 54-70.	0.8	16
20	Surface ruptures database related to the 26 December 2018, MW 4.9 Mt. Etna earthquake, southern Italy. Scientific Data, 2020, 7, 42.	2.4	16
21	Current knowledge of Etna's flank eruptions (Italy) occurring over the past 2500 years. From the iconographies of the XVII century to modern geological cartography. Journal of Volcanology and Geothermal Research, 2019, 385, 159-178.	0.8	13
22	Holocene slip rate variability along the Pernicana fault system (Mt. Etna, Italy): Evidence from offset lava flows. Bulletin of the Geological Society of America, 2017, 129, 304-317.	1.6	11
23	Flank eruptions of Mt Etna during the Greekâ€“Roman and Early Medieval periods: New data from 226 Raâ€“ 230 Th dating and archaeomagnetism. Journal of Volcanology and Geothermal Research, 2015, 304, 265-271.	0.8	10
24	Re-pressurized magma at Mt. Etna, Italy, may feed eruptions for years. Communications Earth & Environment, 2021, 2, .	2.6	10
25	First 2-D intrinsic and scattering attenuation images of Mt Etna volcano and surrounding region from active seismic data. Geophysical Journal International, 2020, 220, 267-277.	1.0	9
26	The 2004â€“2005ÂMt. Etna Compound Lava Flow Field: A Retrospective Analysis by Combining Remote and Field Methods. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020499.	1.4	8
27	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
28	The geology of the 2nd century A.D. Amphitheater Area of Catania, Italy: Historical Eruptions Affecting the Urban District. Geoarchaeology - an International Journal, 2016, 31, 3-16.	0.7	6
29	Diagnostic Multidisciplinary Investigations for Cultural Heritage at Etna Volcano: A Case Study from the 1669 Eruption in the Mother Church at the Old Settlement of Misterbianco. Remote Sensing, 2022, 14, 2388.	1.8	6
30	The flank eruption history of Etna (1610-2006) as a constraint on lava flow hazard. Annals of Geophysics, 2011, 54, .	0.5	5
31	Surface deformation during the 1928 fissure eruption of Mt. Etna (Italy): Insights from field data and FEM numerical modelling. Tectonophysics, 2022, 837, 229468.	0.9	5
32	Finding of an historical document describing an eruption in the NW flank of Etna in July 1643ÂAD: timing, location and volcanic products. Bulletin of Volcanology, 2015, 77, 1.	1.1	4
33	Paleomagnetic dating of prehistoric lava flows from the urban district of Catania (Etna volcano,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	3
34	Tales From Three 18th Century Eruptions to Understand Past and Present Behaviour of Etna. Frontiers in Earth Science, 2021, 9, .	0.8	2
35	Communicating Information on Eruptions and Their Impacts from the Earliest Times Until the Late Twentieth Century. Advances in Volcanology, 2017, , 419-443.	0.7	1