Mauro A Di Vito

List of Publications by Year
in descending order

58	4,067	168829	175968
papers	citations	31 h-index	55 g-index

63	63	63	2095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The long and intertwined record of humans and the Campi Flegrei volcano (Italy). Bulletin of Volcanology, 2022, 84, 1.	1.1	9
2	The 79 CE eruption of Vesuvius: A lesson from the past and the need of a multidisciplinary approach for developments in volcanology. Earth-Science Reviews, 2022, 231, 104072.	4.0	12
3	Reconstructing fallout features and dispersal of Cretaio Tephra (Ischia Island, Italy) through field data analysis and numerical modelling: Implications for hazard assessment. Journal of Volcanology and Geothermal Research, 2021, 415, 107248.	0.8	10
4	Millennial variability of rates of sea-level rise in the ancient harbour of Naples (Italy, western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	1.0	25
5	Sr isotopic composition as a tool for unraveling human mobility in the Campania area. Archaeological and Anthropological Sciences, 2020, 12, 1.	0.7	3
6	Distal tephra from Campanian eruptions in early Late Holocene fills of the Agro Pontino graben and Fondi basin (Southern Lazio, Italy). Journal of Volcanology and Geothermal Research, 2020, 405, 107041.	0.8	10
7	A multidisciplinary study of an exceptional prehistoric waste dump in the mountainous inland of Calabria (Italy): Implications for reconstructions of prehistoric land use and vegetation in Southern Italy. Holocene, 2020, 30, 1310-1331.	0.9	5
8	On the devil's tracks: unexpected news from the Foresta ichnosite (Roccamonfina volcano, central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	6
9	Tephrostratigraphy of paleoclimatic archives in central Mediterranean during the Bronze Age. Quaternary International, 2019, 499, 186-194.	0.7	22
10	Dynamics and effects of the Vesuvius Pomici di Avellino Plinian eruption and related phenomena on the Bronze Age landscape of Campania region (Southern Italy). Quaternary International, 2019, 499, 231-244.	0.7	15
11	Stress inversions to forecast magma pathways and eruptive vent location. Science Advances, 2019, 5, eaau9784.	4.7	52
12	Holocene vegetation record of upland northern Calabria, Italy: Environmental change and human impact. Holocene, 2019, 29, 633-647.	0.9	10
13	The buried caldera boundary of the Vesuvius 1631 eruption revealed by present-day soil CO2 concentration. Journal of Volcanology and Geothermal Research, 2019, 375, 43-56.	0.8	2
14	Magma Degassing as a Source of Longâ€Term Seismicity at Volcanoes: The Ischia Island (Italy) Case. Geophysical Research Letters, 2019, 46, 14421-14429.	1.5	36
15	Development and decline of the ancient harbor of Neapolis. Geoarchaeology - an International Journal, 2018, 33, 542-557.	0.7	32
16	Pedological investigation of an early Bronze Age site in southern Italy. Geoarchaeology - an International Journal, 2018, 33, 193-217.	0.7	8
17	Sensitivity test and ensemble hazard assessment for tephra fallout at Campi Flegrei, Italy. Journal of Volcanology and Geothermal Research, 2018, 351, 1-28.	0.8	24
18	Syneruptive sequential fragmentation of pyroclasts from fractal modeling of grain size distributions of fall deposits: the Cretaio Tephra eruption (Ischia Island, Italy). Journal of Volcanology and Geothermal Research, 2017, 345, 161-171.	0.8	4

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19	Hydrothermal fluid venting in the offshore sector of <scp>C</scp>ampi <scp>F</scp>legrei caldera: A geochemical, geophysical, and volcanological study. Geochemistry, Geophysics, Geosystems, 2016, 17, 4153-4178.	1.0	27
20	The Campi Flegrei Deep Drilling Project (CFDDP): New insight on caldera structure, evolution and hazard implications for the Naples area (Southern Italy). Geochemistry, Geophysics, Geosystems, 2016, 17, 4836-4847.	1.0	45
21	Magma transfer at Campi Flegrei caldera (Italy) before the 1538 AD eruption. Scientific Reports, 2016, 6, 32245.	1.6	116
22	Reactivation of Stromboli's summit craters at the end of the 2007 effusive eruption detected by thermal surveys and seismicity. Journal of Geophysical Research: Solid Earth, 2015, 120, 7376-7395.	1.4	9
23	The volcanic and geothermally active Campi Flegrei caldera: an integrated multidisciplinary image of its buried structure. International Journal of Earth Sciences, 2014, 103, 401-421.	0.9	69
24	Genesis and evolution of mafic and felsic magmas at Quaternary volcanoes within the Main Ethiopian Rift: Insights from Gedemsa and Fanta 'Ale complexes. Lithos, 2014, 188, 130-144.	0.6	39
25	A comparison of surface and underground array measurements of ambient noise recorded in Naples (Italy). Journal of Seismology, 2013, 18, 385.	0.6	1
26	The impact of the Ischia Porto Tephra eruption (Italy) on the Greek colony of Pithekoussai. Quaternary International, 2013, 303, 142-152.	0.7	14
27	Human colonization and volcanic activity in the eastern Campania Plain (Italy) between the Eneolithic and Late Roman periods. Quaternary International, 2013, 303, 132-141.	0.7	24
28	Intersection of exogenous, endogenous and anthropogenic factors in the Holocene landscape: A study of the Naples coastline during the last 6000 years. Quaternary International, 2013, 303, 107-119.	0.7	33
29	Subsurface structure of the Solfatara volcano (Campi Flegrei caldera, Italy) as deduced from joint seismicâ€noise array, volcanological and morphostructural analysis. Geochemistry, Geophysics, Geosystems, 2012, 13, .	1.0	33
30	Probability hazard map for future vent opening at the Campi Flegrei caldera, Italy. Bulletin of Volcanology, 2012, 74, 497-510.	1.1	102
31	Comment on â€œ40Ar/39Ar dating of tuff vents in the Campi Flegrei caldera (southern Italy): toward a new chronostratigraphic reconstruction of the Holocene volcanic activityâ€•by Fedele et al. [Bull Volcanol; 73:1323â€“1336]. Bulletin of Volcanology, 2012, 74, 293-296.	1.1	9
32	The magmatic feeding system of the Campi Flegrei caldera: Architecture and temporal evolution. Chemical Geology, 2011, 281, 227-241.	1.4	113
33	The Averno 2 fissure eruption: a recent small-size explosive event at the Campi Flegrei Caldera (Italy). Bulletin of Volcanology, 2011, 73, 295-320.	1.1	51
34	The Pomici di Avellino eruption of Somma-Vesuvius (3.9Âka bp). Part I: stratigraphy, compositional variability and eruptive dynamics. Bulletin of Volcanology, 2010, 72, 539-558.	1.1	56
35	The Pomici di Avellino eruption of Sommaâ€“Vesuvius (3.9Âka BP). Part II: sedimentology and physical volcanology of pyroclastic density current deposits. Bulletin of Volcanology, 2010, 72, 559-577.	1.1	65
36	Geochemical and Bâ€“Srâ€“Nd isotopic evidence for mingling and mixing processes in the magmatic system that fed the Astroni volcano (4.1â€“3.8Âka) within the Campi Flegrei caldera (southern Italy). Lithos, 2009, 107, 135-151.	0.6	79

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37	Tephra fallout hazard assessment at the Campi Flegrei caldera (Italy). Bulletin of Volcanology, 2009, 71, 259-273.	1.1	117
38	The Afragola settlement near Vesuvius, Italy: The destruction and abandonment of a Bronze Age village revealed by archaeology, volcanology and rock-magnetism. Earth and Planetary Science Letters, 2009, 277, 408-421.	1.8	56
39	Long-term forecast of eruption style and size at Campi Flegrei caldera (Italy). Earth and Planetary Science Letters, 2009, 287, 265-276.	1.8	94
40	The â€œPomici di mercatoâ€•Plinian eruption of Somma-Vesuvius: magma chamber processes and eruption dynamics. Bulletin of Volcanology, 2008, 70, 825-840.	1.1	31
41	Discriminating the long distance dispersal of fine ash from sustained columns or near ground ash clouds: The example of the Pomici di Avellino eruption (Somma-Vesuvius, Italy). Journal of Volcanology and Geothermal Research, 2008, 177, 263-276.	0.8	77
42	The late Pleistocene pyroclastic deposits of the Campanian Plain: New insights into the explosive activity of Neapolitan volcanoes. Journal of Volcanology and Geothermal Research, 2008, 177, 19-48.	0.8	81
43	Comment on: â€œThe dark nature of Somma-Vesuvius volcano: Evidence from the â^¼3.5kaBP Avellino eruptionâ€•by Milia A., Raspini A., Torrente M.M.. Quaternary International, 2008, 192, 102-109.	0.7	4
44	Magmatic History of Sommaâ€“Vesuvius on the Basis of New Geochemical and Isotopic Data from a Deep Borehole (Camaldoli della Torre). Journal of Petrology, 2007, 48, 753-784.	1.1	145
45	Slope processes in weathered volcaniclastic deposits within the city of Naples: The Camaldoli Hill case. Geomorphology, 2007, 87, 132-157.	1.1	24
46	The Astroni volcano: the only example of closely spaced eruptions in the same vent area during the recent history of the Campi Flegrei caldera (Italy). Journal of Volcanology and Geothermal Research, 2004, 133, 171-192.	0.8	94
47	Volcanic hazard assessment at the restless Campi Flegrei caldera. Bulletin of Volcanology, 2004, 66, 514-530.	1.1	221
48	The role of volcanic activity and climate in alluvial fan growth at volcanic areas: an example from southern Campania (Italy). Sedimentary Geology, 2004, 168, 249-280.	1.0	64
49	Timing of magma extraction during the Campanian Ignimbrite eruption (Campi Flegrei Caldera). Journal of Volcanology and Geothermal Research, 2002, 114, 479-497.	0.8	69
50	Chemical and Sr-isotopical evolution of the Phlegraean magmatic system before the Campanian Ignimbrite and the Neapolitan Yellow Tuff eruptions. Journal of Volcanology and Geothermal Research, 1999, 91, 141-166.	0.8	207
51	Volcanism and deformation since 12,000 years at the Campi Flegrei caldera (Italy). Journal of Volcanology and Geothermal Research, 1999, 91, 221-246.	0.8	429
52	The present state of the magmatic system of the Campi Flegrei caldera based on a reconstruction of its behavior in the past 12 ka. Journal of Volcanology and Geothermal Research, 1999, 91, 247-268.	0.8	137
53	The Agnanoâ€“Monte Spina eruption (4100 years BP) in the restless Campi Flegrei caldera (Italy). Journal of Volcanology and Geothermal Research, 1999, 91, 269-301.	0.8	203
54	Short-term ground deformations and seismicity in the resurgent Campi Flegrei caldera (Italy): an example of active block-resurgence in a densely populated area. Journal of Volcanology and Geothermal Research, 1999, 91, 415-451.	0.8	190

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55	The restless, resurgent Campi Flegrei nested caldera (Italy): constraints on its evolution and configuration. Journal of Volcanology and Geothermal Research, 1996, 74, 179-214.	0.8	482
56	The 1538 Monte Nuovo eruption (Campi Flegrei, Italy). Bulletin of Volcanology, 1987, 49, 608-615.	1.1	148
57	A detailed study of the site effects in the volcanic area of Campi Flegrei using empirical approaches. Geophysical Journal International, 0, 182, 1073-1086.	1.0	15
58	Array and spectral ratio techniques applied to seismic noise to investigate the Campi Flegrei (Italy) subsoil structure at different scales. Advances in Geosciences, 0, 52, 75-85.	12.0	5