

Marco Camarda

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

283
citations

933264

10
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	A multidisciplinary approach to the evaluation of the mechanism that triggered the Cerda landslide (Sicily, Italy). <i>Geomorphology</i> , 2005, 65, 101-116.	1.1	50
2	Magma-ascent processes during 2005–2009 at Mt Etna inferred by soil CO ₂ emissions in peripheral areas of the volcano. <i>Chemical Geology</i> , 2012, 330-331, 218-227.	1.4	31
3	The monitoring of natural soil CO ₂ emissions: Issues and perspectives. <i>Earth-Science Reviews</i> , 2019, 198, 102928.	4.0	27
4	Spatial domain analysis of carbon dioxide from soils on Vulcano Island: Implications for CO ₂ output evaluation. <i>Chemical Geology</i> , 2016, 444, 59-70.	1.4	25
5	Temporal and spatial correlations between soil CO ₂ flux and crustal stress. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7071-7085.	1.4	23
6	Long-term record of CO ₂ degassing along Mt. Etna's flanks and its relationship with magma dynamics and eastern flank instability. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	20
7	Continuous monitoring of hydrogen and carbon dioxide at Mt Etna. <i>Chemical Geology</i> , 2013, 357, 41-51.	1.4	20
8	In situ Permeability Measurements Based on a Radial Gas Advection Model: Relationships Between Soil Permeability and Diffuse CO ₂ Degassing in Volcanic Areas. <i>Pure and Applied Geophysics</i> , 2006, 163, 897-914.	0.8	18
9	Long-term continuous monitoring of the dissolved CO ₂ performed by using a new device in groundwater of the Mt. Etna (southern Italy). <i>Water Research</i> , 2011, 45, 3005-3011.	5.3	15
10	Asynchronous changes of CO ₂ , H ₂ , and He concentrations in soil gases: A theoretical model and experimental results. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 1565-1583.	1.4	10
11	Change in magma supply dynamics identified in observations of soil CO ₂ emissions in the summit area of Mt. Etna. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	9
12	A novel approach to estimate the eruptive potential and probability in open conduit volcanoes. <i>Scientific Reports</i> , 2016, 6, 30471.	1.6	9
13	Temporal variations in air permeability and soil CO ₂ flux in volcanic ash soils (island of Vulcano, I) Tj ETQq1 1 0.784314 rgBT/Overlo	1.0	8
14	An innovative method for continuous measurement of soil CO ₂ flux. <i>Chemical Geology</i> , 2013, 341, 102-109.	1.4	7
15	Relationship between soil CO ₂ flux and tectonic structures in SW Sicily. <i>Annals of Geophysics</i> , 2020, 63, .	0.5	6
16	Continuous monitoring of hydrogen and carbon dioxide at Stromboli volcano (Aeolian Islands, Italy). <i>Italian Journal of Geosciences</i> , 2021, 140, 79-94.	0.4	3
17	Using pressure transients within a polymeric membrane for gas composition measurements. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	2
18	Diffuse soil CO ₂ degassing from Linosa island. <i>Annals of Geophysics</i> , 2014, 57, .	0.5	0