

Simone Tarquini

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,593
citations

304602

22
h-index

345118

36
g-index

36
all docs

36
docs citations

36
times ranked

1933
citing authors

#	ARTICLE	IF	CITATIONS
19	Release of a 10-m-resolution DEM for the Italian territory: Comparison with global-coverage DEMs and anaglyph-mode exploration via the web. <i>Computers and Geosciences</i> , 2012, 38, 168-170.	2.0	194
20	Morphometry of scoria cones, and their relation to geodynamic setting: A DEM-based analysis. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 217-218, 56-72.	0.8	67
21	Morphometric analysis of lava flow units: Case study over LIDAR-derived topography at Mount Etna, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 235-236, 11-22.	0.8	22
22	Lava flow hazard and risk at Mt. Cameroon volcano. <i>Bulletin of Volcanology</i> , 2012, 74, 423-439.	1.1	54
23	Mapping and DOWNFLOW simulation of recent lava flow fields at Mount Etna. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 204, 27-39.	0.8	35
24	DOWNFLOW code and LIDAR technology for lava flow analysis and hazard assessment at Mount Etna. <i>Annals of Geophysics</i> , 2011, 54, .	0.5	10
25	Detecting short-term evolution of Etnean scoria cones: a LIDAR-based approach. <i>Bulletin of Volcanology</i> , 2010, 72, 1209-1222.	1.1	36
26	Changes of the susceptibility to lava flow invasion induced by morphological modifications of an active volcano: the case of Mount Etna, Italy. <i>Natural Hazards</i> , 2010, 54, 537-546.	1.6	22
27	The regular shape of stratovolcanoes: A DEM-based morphometrical approach. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 193, 171-181.	0.8	39
28	A microscopic information system (MIS) for petrographic analysis. <i>Computers and Geosciences</i> , 2010, 36, 665-674.	2.0	40
29	Evolution of an active lava flow field using a multitemporal LIDAR acquisition. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	92
30	A new approach to risk assessment of lava flow at Mount Etna. <i>Geology</i> , 2009, 37, 1111-1114.	2.0	41
31	TINITALY/01: a new Triangular Irregular Network of Italy. <i>Annals of Geophysics</i> , 2009, 50, .	0.5	56
32	The changing face of Mount Etna's summit area documented with Lidar technology. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	79
33	Lava flow identification and aging by means of lidar intensity: Mount Etna case. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	58
34	Morphology of basaltic lava channels during the Mt. Etna September 2004 eruption from airborne laser altimeter data. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	67
35	QUICK DETERMINATION OF CRYSTAL SIZE DISTRIBUTIONS OF ROCKS BY MEANS OF A COLOR SCANNER. <i>Image Analysis and Stereology</i> , 2003, 22, 27.	0.4	16
36	Power law olivine crystal size distributions in lithospheric mantle xenoliths. <i>Lithos</i> , 2002, 65, 273-285.	0.6	39