

# 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	Coseismic effects of the 2016 Amatrice seismic sequence: first geological results. <i>Annals of Geophysics</i> , 2016, 59, .	0.5	37
20	Detecting short-term evolution of Etnean scoria cones: a LIDAR-based approach. <i>Bulletin of Volcanology</i> , 2010, 72, 1209-1222.	1.1	36
21	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
22	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
23	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
24	Influence of fluctuating supply on the emplacement dynamics of channelized lava flows. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	18
25	Uncertainties in lava flow hazard maps derived from numerical simulations: The case study of Mount Etna. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 260, 90-102.	0.8	17
26	MrLavaLoba: A new probabilistic model for the simulation of lava flows as a settling process. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 349, 323-334.	0.8	16
27	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
28	Conclusion: recommendations and findings of the RED SEED working group. <i>Geological Society Special Publication</i> , 2016, 426, 567-648.	0.8	12
29	Modeling lava flow propagation over a flat landscape by using MrLavaLoba: the case of the 2014-2015 eruption at Holuhraun, Iceland. <i>Annals of Geophysics</i> , 2018, 61, .	0.5	11
30	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
31	A review of mass and energy flow through a lava flow system: insights provided from a non-equilibrium perspective. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	1.1	9
32	Dispersion index of topographic surfaces. <i>Geomorphology</i> , 2012, 153-154, 169-178.	1.1	7
33	Simulating the area covered by lava flows using the DOWNFLOW code. <i>Geological Society Special Publication</i> , 2016, 426, 293-312.	0.8	7
34	Testing a geographical information system for damage and evacuation assessment during an effusive volcanic crisis. <i>Geological Society Special Publication</i> , 2016, 426, 649-672.	0.8	7
35	Combined morphological and thermal analysis of lava flows: A way to boost understanding of emplacement dynamics. <i>Terra Nova</i> , 2018, 30, 215-221.	0.9	1
36	Seismic lines Offshore Mount Etna (SOME): open database. <i>Annals of Geophysics</i> , 2017, 60, .	0.5	1