

Luca Nannipieri

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

532
citations

933264

10
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

986
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Multiview 3D reconstruction in geosciences. <i>Computers and Geosciences</i> , 2012, 44, 168-176.	2.0	96
3	UAV-based remote sensing surveys of lava flow fields: a case study from Etna's 1974 channel-fed lava flows. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	51
4	The 10 m-resolution TINITALY DEM as a trans-disciplinary basis for the analysis of the Italian territory: Current trends and new perspectives. <i>Geomorphology</i> , 2017, 281, 108-115.	1.1	43
5	Application of an ultra-wide band sensor-free wireless network for ground monitoring. <i>Engineering Geology</i> , 2018, 238, 1-14.	2.9	26
6	A Flexible Wireless Sensor Network Based on Ultra-Wide Band Technology for Ground Instability Monitoring. <i>Sensors</i> , 2018, 18, 2948.	2.1	21
7	Rapid Updating and Improvement of Airborne LIDAR DEMs Through Ground-Based SfM 3-D Modeling of Volcanic Features. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 6687-6699.	2.7	19
8	Investigation of the complex dynamics and structure of the 2010 Eyjafjallajökull volcanic ash cloud using multispectral images and numerical simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4729-4747.	1.2	18
9	Modeling Tsunamis Generated by Submarine Landslides at Stromboli Volcano (Aeolian Islands, Italy): A Numerical Benchmark Study. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	17
10	Surface fitting in geomorphology – Examples for regular-shaped volcanic landforms. <i>Geomorphology</i> , 2014, 221, 139-149.	1.1	13
11	Influence of Topographic Resolution and Accuracy on Hydraulic Channel Flow Simulations: Case Study of the Versilia River (Italy). <i>Remote Sensing</i> , 2019, 11, 1630.	1.8	10
12	Research Support Services in Higher Education and Research Institutions: Approaches, Tools and Trends. <i>Procedia Computer Science</i> , 2014, 33, 309-314.	1.2	8
13	The 2004–2005 Mt. Etna Compound Lava Flow Field: A Retrospective Analysis by Combining Remote and Field Methods. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020499.	1.4	8
14	The 1974 West Flank Eruption of Mount Etna: A Data-Driven Model for a Low Elevation Effusive Event. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	2
15	A Flexible Wireless Sensor Network Based on Ultra-Wide Band Technology for Ground Instability Monitoring. <i>Sensors</i> , 2018, 18, .	2.1	2
16	Seismic lines Offshore Mount Etna (SOME): open database. <i>Annals of Geophysics</i> , 2017, 60, .	0.5	1
17	Reconstruction of the 2002 tsunami at Stromboli using the non-hydrostatic WAVE model (NHWAVE). <i>Geological Society Special Publication</i> , 2024, 519, 107-130.	0.8	0
18	Making Linked Data more reliable with a failover server system: a case study with seismological data at INGV. <i>Annals of Geophysics</i> , 2019, 62, .	0.5	0