

Gabriele Scarascia-Mugnozza

List of Publications by Year in descending order

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1,006
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567144

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docs citations

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1254
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Logistic Regression and Random Forests techniques for shallow landslide susceptibility assessment in Giampileri (NE Sicily, Italy). <i>Geomorphology</i> , 2015, 249, 119-136.	1.1	316
2	First insights on the potential of Sentinel-1 for landslides detection. <i>Geomatics, Natural Hazards and Risk</i> , 2016, 7, 1874-1883.	2.0	81
3	Prediction of shallow landslide occurrence: Validation of a physically-based approach through a real case study. <i>Science of the Total Environment</i> , 2016, 569-570, 134-144.	3.9	64
4	Landslide Susceptibility Mapping at National Scale: The Italian Case Study. , 2013, , 287-295.		48
5	Mountain slope deformations along thrust fronts in jointed limestone: An equivalent continuum modelling approach. <i>Geomorphology</i> , 2007, 90, 55-72.	1.1	47
6	Shallow landslide initiation on terraced slopes: inferences from a physically based approach. <i>Geomatics, Natural Hazards and Risk</i> , 2018, 9, 295-324.	2.0	33
7	The role of the seismic trigger in the Calitri landslide (Italy): historical reconstruction and dynamic analysis. <i>Soil Dynamics and Earthquake Engineering</i> , 2005, 25, 933-950.	1.9	32
8	Hydrodynamic and isotopic investigations for evaluating the mechanisms and amount of groundwater seepage through a rockslide dam. <i>Hydrological Processes</i> , 2010, 24, 3510-3520.	1.1	32
9	The Italian approach to seismic microzonation. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 5425-5440.	2.3	32
10	Research and development of advanced technologies for landslide hazard analysis in Italy. <i>Landslides</i> , 2010, 7, 381-385.	2.7	31
11	Quaternary sea-level change and slope instability in coastal areas: Insights from the Vasto Landslide (Adriatic coast, central Italy). <i>Geomorphology</i> , 2013, 201, 462-478.	1.1	28
12	Distribution of Landslides Triggered by the 1995 Hyogo-ken Nanbu Earthquake and Long Runout Mechanism of the Takarazuka Golf Course Landslide.. <i>Journal of Physics of the Earth</i> , 1997, 45, 83-90.	1.4	27
13	Geological, geomechanical and geostatistical assessment of rockfall hazard in San Quirico Village (Abruzzo, Italy). <i>Geomorphology</i> , 2010, 119, 147-161.	1.1	26
14	Thermomechanical stress-strain numerical modelling of deglaciation since the Last Glacial Maximum in the Adamello Group (Rhaetian Alps, Italy). <i>Geomorphology</i> , 2014, 226, 278-299.	1.1	26
15	Influence of joints on creep processes involving rock masses: results from physical-analogue laboratory tests. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 128, 104261.	2.6	26
16	Lateral spreading processes in mountain ranges: Insights from an analogue modelling experiment. <i>Tectonophysics</i> , 2013, 605, 88-95.	0.9	23
17	New geological data on the Cassino intermontane basin, central Apennines, Italy. <i>Rendiconti Lincei</i> , 2014, 25, 189-196.	1.0	15
18	The Large Salcito Landslide Triggered by the 2002 Molise, Italy, Earthquake. <i>Earthquake Spectra</i> , 2004, 20, 95-105.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Mutual interactions between slope-scale gravitational processes and morpho-structural evolution of central Apennines (Italy): review of some selected case histories. <i>Rendiconti Lincei</i> , 2014, 25, 151-165.	1.0	13
20	Reconstruction of a destructive debris-flow event via numerical modeling: the role of valley geometry on flow dynamics. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1847-1861.	1.2	13
21	The Contribution of Terrestrial Laser Scanning to the Analysis of Cliff Slope Stability in Sugano (Central Italy). <i>Remote Sensing</i> , 2018, 10, 1475.	1.8	13
22	Italian accelerometric archive: geological, geophysical and geotechnical investigations at strong-motion stations. <i>Bulletin of Earthquake Engineering</i> , 2010, 8, 1189-1207.	2.3	12
23	Insights into bedrock paleomorphology and linear dynamic soil properties of the Cassino intermontane basin (Central Italy). <i>Engineering Geology</i> , 2020, 264, 105333.	2.9	12
24	GIS Integration of DInSAR Measurements, Geological Investigation and Historical Surveys for the Structural Monitoring of Buildings and Infrastructures: An Application to the Valco San Paolo Urban Area of Rome. <i>Infrastructures</i> , 2022, 7, 89.	1.4	11
25	Quaternary rock avalanches in the Apennines: New data and interpretation of the huge clastic deposit of the L'Aquila Basin (central Italy). <i>Geomorphology</i> , 2020, 361, 107194.	1.1	10
26	Earthquake-induced reactivation of landslides under variable hydrostatic conditions: evaluation at regional scale and implications for risk assessment. <i>Landslides</i> , 0, , 1.	2.7	4
27	Engineering-Geological Features Supporting a Seismic-Driven Multi-Hazard Scenario in the Lake Campotosto Area (L'Aquila, Italy). <i>Geosciences (Switzerland)</i> , 2021, 11, 107.	1.0	2
28	Seismic Analysis of the Gran Sasso Catastrophic Rockfall (Central Italy). , 2013, , 263-267.		2
29	A deterministic approach for shallow landslide triggering scenarios in the southern Messina area (north-eastern Sicily, Italy). <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 35, 272-275.	0.3	2
30	The Experience of Seismic Microzonation in Lazio Region (Italy) Mountain Municipalities. , 2015, , 1101-1105.		1
31	The local seismic response of the Fosso di Vallerano valley (Rome, Italy) based on a high-resolution geological model. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 35, 29-32.	0.3	1
32	Terrestrial Laser Scanning survey of the Sugano cliff (Orvieto, Italy) for slope stability analyses. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 35, 38-41.	0.3	1
33	Experimental and Numerical Investigations of Nonlinearity in Soils Using Advanced Laboratory-Scaled Models (ENINALS Project): From a Site-Test to a Centrifuge Model. <i>Geotechnical, Geological and Earthquake Engineering</i> , 2015, , 563-578.	0.1	0
34	A numerical model to verify the communication between Gari and Peccia springs (Cassino, Central)	0.3	0