Gianvito Scaringi

List of Publications by Year in descending order

56 papers	2,636 citations	218592 26 h-index	197736 49 g-index
76 all docs	76 docs citations	76 times ranked	1552 citing authors

#	Article	IF	Citations
1	An experimental investigation on the swelling behavior of compacted B75 bentonite. Engineering Geology, 2022, 296, 106452.	2.9	3
2	Threat from above! Assessing the risk from the Tonghua high-locality landslide in Sichuan, China. Landslides, 2022, 19, 731-746.	2.7	7
3	Surface temperature controls the pattern of post-earthquake landslide activity. Scientific Reports, 2022, 12, 988.	1.6	24
4	More frequent glacier-rock avalanches in Sedongpu gully are blocking the Yarlung Zangbo River in eastern Tibet. Landslides, 2022, 19, 589-601.	2.7	28
5	A thermo-hydro-mechanical approach to soil slope stability under climate change. Geomorphology, 2022, 401, 108108.	1.1	26
6	Distinct Susceptibility Patterns of Active and Relict Landslides Reveal Distinct Triggers: A Case in Northwestern Turkey. Remote Sensing, 2022, 14, 1321.	1.8	4
7	Rapidly Evolving Controls of Landslides After a Strong Earthquake and Implications for Hazard Assessments. Geophysical Research Letters, 2021, 48, .	1.5	61
8	An Infrared Thermography Approach to Evaluate the Strength of a Rock Cliff. Remote Sensing, 2021, 13, 1265.	1.8	17
9	River flooding in a changing climate: rainfall-discharge trends, controlling factors, and susceptibility mapping for the Mahi catchment, Western India. Natural Hazards, 2021, 109, 2439-2459.	1.6	9
10	Dam-break dynamics at Huohua Lake following the 2017 Mw 6.5 Jiuzhaigou earthquake in Sichuan, China. Engineering Geology, 2021, 289, 106145.	2.9	12
11	Coseismic Debris Remains in the Orogen Despite a Decade of Enhanced Landsliding. Geophysical Research Letters, 2021, 48, e2021GL095850.	1.5	22
12	Seismic precursor to instability induced by internal erosion in loose granular slopes. Geotechnique, 2020, 70, 636-638.	2.2	2
13	Revisiting strength concepts and correlations with soil index properties: insights from the DobkoviÄky landslide in Czech Republic. Landslides, 2020, 17, 597-614.	2.7	15
14	An Empirical Power Densityâ€Based Friction Law and Its Implications for Coherent Landslide Mobility. Geophysical Research Letters, 2020, 47, e2020GL087581.	1.5	18
15	Spatio-temporal network modelling and analysis of global strong earthquakes (Mwâ€‰â‰¥â€‰6.0). Journal of the Geological Society, 2020, 177, 883-892.	0.9	1
16	Mineralogical Analysis of Selective Melting in Partially Coherent Rockslides: Bridging Solid and Molten Friction. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019453.	1.4	11
17	Thermal Remote Sensing from UAVs: A Review on Methods in Coastal Cliffs Prone to Landslides. Remote Sensing, 2020, 12, 1971.	1.8	36
18	Water retention of a bentonite for deep geological radioactive waste repositories: High-temperature experiments and thermodynamic modeling. Engineering Geology, 2020, 269, 105549.	2.9	30

#	Article	IF	Citations
19	A Sequentially Coupled Catchmentâ€Scale Numerical Model for Snowmeltâ€Induced Soil Slope Instabilities. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2019JF005468.	1.0	14
20	The impact of earthquakes on orogen-scale exhumation. Earth Surface Dynamics, 2020, 8, 579-593.	1.0	7
21	Earthquakeâ€Induced Chains of Geologic Hazards: Patterns, Mechanisms, and Impacts. Reviews of Geophysics, 2019, 57, 421-503.	9.0	505
22	Distinctive controls on the distribution of river-damming and non-damming landslides induced by the 2008 Wenchuan earthquake. Bulletin of Engineering Geology and the Environment, 2019, 78, 4075-4093.	1.6	16
23	The â€œlongâ€•runout rock avalanche in Pusa, China, on August 28, 2017: a preliminary report. Landslides, 2019, 16, 139-154.	2.7	74
24	Modelling the role of material depletion, grain coarsening and revegetation in debris flow occurrences after the 2008 Wenchuan earthquake. Engineering Geology, 2019, 250, 34-44.	2.9	81
25	Cascading Down the Mountain. Eos, 2019, 100, .	0.1	1
26	Two multi-temporal datasets that track the enhanced landsliding after the 2008 Wenchuan earthquake. Earth System Science Data, 2019, 11, 35-55.	3.7	87
27	Coseismic landslides triggered by the 8th August 2017 Ms 7.0 Jiuzhaigou earthquake (Sichuan, China): factors controlling their spatial distribution and implications for the seismogenic blind fault identification. Landslides, 2018, 15, 967-983.	2.7	178
28	Suction and rate-dependent behaviour of a shear-zone soil from a landslide in a gently-inclined mudstone-sandstone sequence in the Sichuan basin, China. Engineering Geology, 2018, 237, 1-11.	2.9	32
29	Seismic precursor to instability induced by internal erosion in loose granular slopes. Geotechnique, 2018, 68, 989-1001.	2.2	28
30	Shearâ€Rateâ€Dependent Behavior of Clayey Bimaterial Interfaces at Landslide Stress Levels. Geophysical Research Letters, 2018, 45, 766-777.	1.5	71
31	What we have learned from the 2008 Wenchuan Earthquake and its aftermath: A decade of research and challenges. Engineering Geology, 2018, 241, 25-32.	2.9	173
32	Particle shape factors and fractal dimension after large shear strains in carbonate sand. Geotechnique Letters, 2018, 8, 73-79.	0.6	32
33	Acoustic Emissions and Microseismicity in Granular Slopes Prior to Failure and Flowâ€Like Motion: The Potential for Early Warning. Geophysical Research Letters, 2018, 45, 10,406.	1.5	28
34	Relating fragmentation, plastic work and critical state in crushable rock clasts. Engineering Geology, 2018, 246, 326-336.	2.9	35
35	Spatio-temporal evolution of mass wasting after the 2008 Mw 7.9 Wenchuan earthquake revealed by a detailed multi-temporal inventory. Landslides, 2018, 15, 2325-2341.	2.7	102
36	Some considerations on the use of numerical methods to simulate past landslides and possible new failures: the case of the recent Xinmo landslide (Sichuan, China). Landslides, 2018, 15, 1359-1375.	2.7	153

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37	Discussion on: â€œExperimental study of residual strength and the index of shear strength characteristics of clay soilâ€•[Eng.Geo.233:183â€“190]. Engineering Geology, 2018, 242, 218-221.	2.9	11
38	Brief communication: Post-seismic landslides, the tough lesson of a catastrophe. Natural Hazards and Earth System Sciences, 2018, 18, 397-403.	1.5	29
39	The iRALL Doctoral School 2018: advanced studies on large landslides on the 10th anniversary of the Wenchuan earthquake. Landslides, 2018, 15, 1901-1903.	2.7	2
40	Internal Erosion Controls Failure and Runout of Loose Granular Deposits: Evidence From Flume Tests and Implications for Postseismic Slope Healing. Geophysical Research Letters, 2018, 45, 5518-5527.	1.5	53
41	Climate Change Might Cause More Frequent Eruptions. , 2018, , .		0
42	The Wenchuan Earthquake: 10 Years Later. , 2018, , .		0
43	A Warmer And Wetter Early Mars. , 2018, , .		0
44	Shear Resistance Variations in Experimentally Sheared Mudstone Granules: A Possible Shearâ€Thinning and Thixotropic Mechanism. Geophysical Research Letters, 2017, 44, 11,040.	1.5	26
45	Sensitivity of the initiation and runout of flowslides in loose granular deposits to the content of small particles: An insight from flume tests. Engineering Geology, 2017, 231, 34-44.	2.9	57
46	A chemo-mechanical insight into the failure mechanism of frequently occurred landslides in the Loess Plateau, Gansu Province, China. Engineering Geology, 2017, 228, 337-345.	2.9	110
47	Failure mechanism and kinematics of the deadly June 24th 2017 Xinmo landslide, Maoxian, Sichuan, China. Landslides, 2017, 14, 2129-2146.	2.7	231
48	Climate Change-Driven Landslides Can Enhance Carbon Dioxide Emissions. , 2017, , .		1
49	Bali Volcano Awakens, Shows Signs Of Imminent Eruption. , 2017, , .		0
50	Climate Change Likely To Produce More Intense Rainfall & Landslides. , 2017, , .		0
51	Landquake: Landslideâ€™s Seismic Signature And Its Role In Emergency Response. , 2017, , .		0
52	Clay Creep and Displacements: Influence of Pore Fluid Composition. Procedia Engineering, 2016, 158, 69-74.	1.2	12
53	Influence of Displacement Rate on Residual Shear Strength of Clays. Procedia Earth and Planetary Science, 2016, 16, 137-145.	0.6	44
54	Shear displacements induced by decrease in pore solution concentration on a pre-existing slip surface. Engineering Geology, 2016, 200, 1-9.	2.9	47

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55	Pore fluid composition in a clayey landslide of marine origin and its influence on shear strength along the slip surface. , 2016, , 813-820.		3
56	Residual strength and creep behaviour on the slip surface of specimens of a landslide in marine origin clay shales: influence of pore fluid composition. Landslides, 2015, 12, 657-667.	2.7	59