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	Earthquakeâ€Induced Chains of Geologic Hazards: Patterns, Mechanisms, and Impacts. Reviews of Geophysics, 2019, 57, 421-503.	9.0	505
2	Failure mechanism and kinematics of the deadly June 24th 2017 Xinmo landslide, Maoxian, Sichuan, China. Landslides, 2017, 14, 2129-2146.	2.7	231
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	The â€œlongâ€•runout rock avalanche in Pusa, China, on August 28, 2017: a preliminary report. Landslides, 2019, 16, 139-154.	2.7	74
11	Shearâ€Rateâ€Dependent Behavior of Clayey Bimaterial Interfaces at Landslide Stress Levels. Geophysical Research Letters, 2018, 45, 766-777.	1.5	71
12	Rapidly Evolving Controls of Landslides After a Strong Earthquake and Implications for Hazard Assessments. Geophysical Research Letters, 2021, 48, .	1.5	61
13	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
14	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
15	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
16	Shear displacements induced by decrease in pore solution concentration on a pre-existing slip surface. Engineering Geology, 2016, 200, 1-9.	2.9	47
17	Influence of Displacement Rate on Residual Shear Strength of Clays. Procedia Earth and Planetary Science, 2016, 16, 137-145.	0.6	44
18	Thermal Remote Sensing from UAVs: A Review on Methods in Coastal Cliffs Prone to Landslides. Remote Sensing, 2020, 12, 1971.	1.8	36

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19	Relating fragmentation, plastic work and critical state in crushable rock clasts. Engineering Geology, 2018, 246, 326-336.	2.9	35
20	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
21	Particle shape factors and fractal dimension after large shear strains in carbonate sand. Geotechnique Letters, 2018, 8, 73-79.	0.6	32
22	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
23	Brief communication: Post-seismic landslides, the tough lesson of a catastrophe. Natural Hazards and Earth System Sciences, 2018, 18, 397-403.	1.5	29
24	Seismic precursor to instability induced by internal erosion in loose granular slopes. Geotechnique, 2018, 68, 989-1001.	2.2	28
25	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
26	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
27	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
28	A thermo-hydro-mechanical approach to soil slope stability under climate change. Geomorphology, 2022, 401, 108108.	1.1	26
29	Surface temperature controls the pattern of post-earthquake landslide activity. Scientific Reports, 2022, 12, 988.	1.6	24
30	Coseismic Debris Remains in the Orogen Despite a Decade of Enhanced Landsliding. Geophysical Research Letters, 2021, 48, e2021GL095850.	1.5	22
31	An Empirical Power Densityâ€Based Friction Law and Its Implications for Coherent Landslide Mobility. Geophysical Research Letters, 2020, 47, e2020GL087581.	1.5	18
32	An Infrared Thermography Approach to Evaluate the Strength of a Rock Cliff. Remote Sensing, 2021, 13, 1265.	1.8	17
33	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
34	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
35	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
36	Clay Creep and Displacements: Influence of Pore Fluid Composition. Procedia Engineering, 2016, 158, 69-74.	1.2	12

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37	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
38	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
39	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
40	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
41	The impact of earthquakes on orogen-scale exhumation. Earth Surface Dynamics, 2020, 8, 579-593.	1.0	7
42	Threat from above! Assessing the risk from the Tonghua high-locality landslide in Sichuan, China. Landslides, 2022, 19, 731-746.	2.7	7
43	Distinct Susceptibility Patterns of Active and Relict Landslides Reveal Distinct Triggers: A Case in Northwestern Turkey. Remote Sensing, 2022, 14, 1321.	1.8	4
44	Pore fluid composition in a clayey landslide of marine origin and its influence on shear strength along the slip surface. , 2016, , 813-820.		3
45	An experimental investigation on the swelling behavior of compacted B75 bentonite. Engineering Geology, 2022, 296, 106452.	2.9	3
46	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
47	Seismic precursor to instability induced by internal erosion in loose granular slopes. Geotechnique, 2020, 70, 636-638.	2.2	2
48	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
49	Cascading Down the Mountain. Eos, 2019, 100, .	0.1	1
50	Climate Change-Driven Landslides Can Enhance Carbon Dioxide Emissions. , 2017, , .		1
51	Bali Volcano Awakens, Shows Signs Of Imminent Eruption. , 2017, , .		0
52	Climate Change Likely To Produce More Intense Rainfall & Landslides. , 2017, , .		0
53	Landquake: Landslideâ€™s Seismic Signature And Its Role In Emergency Response. , 2017, , .		0
54	Climate Change Might Cause More Frequent Eruptions. , 2018, , .		0

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55	The Wenchuan Earthquake: 10 Years Later. , 2018, , .		0
56	A Warmer And Wetter Early Mars. , 2018, , .		0