

Stefano Luigi Gariano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3164285/publications.pdf>

Version: 2024-02-01

45
papers

2,907
citations

361296

20
h-index

345118

36
g-index

60
all docs

60
docs citations

60
times ranked

2177
citing authors

#	ARTICLE	IF	CITATIONS
1	Landslides in a changing climate. <i>Earth-Science Reviews</i> , 2016, 162, 227-252.	4.0	790
2	A review of the recent literature on rainfall thresholds for landslide occurrence. <i>Landslides</i> , 2018, 15, 1483-1501.	2.7	358
3	Rainfall thresholds for possible landslide occurrence in Italy. <i>Geomorphology</i> , 2017, 290, 39-57.	1.1	236
4	Geographical landslide early warning systems. <i>Earth-Science Reviews</i> , 2020, 200, 102973.	4.0	224
5	Calibration and validation of rainfall thresholds for shallow landslide forecasting in Sicily, southern Italy. <i>Geomorphology</i> , 2015, 228, 653-665.	1.1	189
6	Definition and performance of a threshold-based regional early warning model for rainfall-induced landslides. <i>Landslides</i> , 2017, 14, 995-1008.	2.7	113
7	An algorithm for the objective reconstruction of rainfall events responsible for landslides. <i>Landslides</i> , 2015, 12, 311-320.	2.7	105
8	A tool for the automatic calculation of rainfall thresholds for landslide occurrence. <i>Environmental Modelling and Software</i> , 2018, 105, 230-243.	1.9	102
9	Rainfall thresholds for shallow landslide occurrence in Calabria, southern Italy. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 317-330.	1.5	96
10	How much does the rainfall temporal resolution affect rainfall thresholds for landslide triggering?. <i>Natural Hazards</i> , 2020, 100, 655-670.	1.6	77
11	Assessing future changes in the occurrence of rainfall-induced landslides at a regional scale. <i>Science of the Total Environment</i> , 2017, 596-597, 417-426.	3.9	75
12	Rainfall thresholds for the possible landslide occurrence in Sicily (Southern Italy) based on the automatic reconstruction of rainfall events. <i>Landslides</i> , 2016, 13, 165-172.	2.7	58
13	Automatic calculation of rainfall thresholds for landslide occurrence in Chukha Dzongkhag, Bhutan. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 4325-4332.	1.6	51
14	Impacts of past and future land changes on landslides in southern Italy. <i>Regional Environmental Change</i> , 2018, 18, 437-449.	1.4	43
15	Shallow-landslide susceptibility in the Costa Viola mountain ridge (southern Calabria, Italy) with considerations on the role of causal factors. <i>Natural Hazards</i> , 2014, 73, 111-136.	1.6	35
16	Changes in the occurrence of rainfall-induced landslides in Calabria, southern Italy, in the 20th century. <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 2313-2330.	1.5	32
17	Rainstorms able to induce flash floods in a Mediterranean-climate region (Calabria, southern Italy). <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 2423-2434.	1.5	30
18	Preface: Landslide early warning systems: monitoring systems, rainfall thresholds, warning models, performance evaluation and risk perception. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 3179-3186.	1.5	30

#	ARTICLE	IF	CITATIONS
19	Changes in climate patterns and their association to natural hazard distribution in South Tyrol (Eastern Italian Alps). <i>Scientific Reports</i> , 2020, 10, 5022.	1.6	29
20	Determination of Empirical Rainfall Thresholds for Shallow Landslides in Slovenia Using an Automatic Tool. <i>Water (Switzerland)</i> , 2020, 12, 1449.	1.2	28
21	Coupling limit equilibrium analyses and real-time monitoring to refine a landslide surveillance system in Calabria (southern Italy). <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 2341-2354.	1.5	19
22	Satellite rainfall products outperform ground observations for landslide prediction in India. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 3267-3279.	1.9	19
23	A global landslide non-susceptibility map. <i>Geomorphology</i> , 2021, 389, 107804.	1.1	17
24	LandAware: a new international network on Landslide Early Warning Systems. <i>Landslides</i> , 2020, 17, 2699-2702.	2.7	16
25	<sup>>CA</sup></sup></i></i> forecasting landslide activations by a genetic-algorithms-based hydrological model. <i>Geoscientific Model Development</i> , 2015, 8, 1955-1978.	1.3	15
26	Catalogue of Rainfall Events with Shallow Landslides and New Rainfall Thresholds in Italy. , 2015, , 1575-1579.		15
27	Rainfall and rockfalls in the Canary Islands: assessing a seasonal link. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2307-2317.	1.5	15
28	Using satellite rainfall products to assess the triggering conditions for hydro-morphological processes in different geomorphological settings in China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102350.	1.4	12
29	Regional investigation on seasonality of erosivity in the Mediterranean environment. <i>Environmental Earth Sciences</i> , 2015, 73, 311-324.	1.3	9
30	The "Piano dell'Acqua" sinkholes (San Basile, Northern Calabria, Italy). <i>Bulletin of Engineering Geology and the Environment</i> , 2016, 75, 37-52.	1.6	9
31	Long-term analysis of rainfall-induced landslides in Umbria, central Italy. <i>Natural Hazards</i> , 2021, 106, 2207-2225.	1.6	9
32	Mass-Movements and Climate Change. , 2022, , 546-558.		8
33	Rainfall and landslide initiation. , 2022, , 427-450.		7
34	Landslide-risk scenario of the Costa Viola mountain ridge (Calabria, Southern Italy). <i>Journal of Maps</i> , 2016, 12, 261-270.	1.0	6
35	Examples of Application of GASAKe for Predicting the Occurrence of Rainfall-Induced Landslides in Southern Italy. <i>Geosciences (Switzerland)</i> , 2018, 8, 78.	1.0	6
36	Preface to the Special Issue "Rainfall Thresholds and Other Approaches for Landslide Prediction and Early Warning". <i>Water (Switzerland)</i> , 2021, 13, 323.	1.2	3

#	ARTICLE	IF	CITATIONS
37	TXT-tool 2.039-1.5: An Algorithm for the Objective Reconstruction of Rainfall Events Responsible for Landslides. , 2018, , 433-447.		2
38	Activities of the Research Institute for Geo-Hydrological Protection, of the Italian National Research Council, World Centre of Excellence on landslide risk. Landslides, 2019, 16, 1415-1418.	2.7	2
39	How Many Rainfall-Induced Landslides Are Detectable by a Regional Seismic Monitoring Network?. , 2017, , 161-168.		2
40	Potential Effects of Climate Changes on Landslide Activity in Different Geomorphological Contexts. , 2017, , 243-249.		2
41	A Heuristic Method to Evaluate the Effect of Soil Tillage on Slope Stability: A Pilot Case in Central Italy. Land, 2022, 11, 912.	1.2	2
42	The Role of Rainfall and Land Use/Cover Changes in Landslide Occurrence in Calabria, Southern Italy, in the 20th Century. , 2017, , 339-345.		1
43	Advances in Rainfall Thresholds for Landslide Triggering in Italy. , 2020, , 247-263.		0
44	Regional Approaches in Forecasting Rainfall-Induced Landslides. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 251-256.	0.3	0
45	Broadening and Deepening the Rainfall-Induced Landslide Detection. , 2022, , 267-288.		0