

Guido Nigrelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5032082/publications.pdf>

Version: 2024-02-01

21
papers

398
citations

932766

10
h-index

794141

19
g-index

27
all docs

27
docs citations

27
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a model to the evaluation of flood damage. <i>Geoinformatica</i> , 2009, 13, 339-353.	2.0	69
2	Climate anomalies associated with the occurrence of rockfalls at high-elevation in the Italian Alps. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 2085-2106.	1.5	40
3	Uncorrected land-use planning highlighted by flooding: the Alba case study (Piedmont, Italy). <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 2329-2346.	1.5	38
4	New insights in the relation between climate and slope failures at high-elevation sites. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1765-1784.	1.3	37
5	The altitudinal temperature lapse rates applied to high elevation rockfalls studies in the Western European Alps. <i>Theoretical and Applied Climatology</i> , 2018, 131, 1479-1491.	1.3	35
6	A method to reveal climatic variables triggering slope failures at high elevation. <i>Natural Hazards</i> , 2015, 76, 1039-1061.	1.6	23
7	An integrated approach to investigate climate-driven rockfall occurrence in high alpine slopes: the Bessanese glacial basin, Western Italian Alps. <i>Journal of Mountain Science</i> , 2020, 17, 2591-2610.	0.8	20
8	Climate variability and Alpine glaciers evolution in Northwestern Italy from the Little Ice Age to the 2010s. <i>Theoretical and Applied Climatology</i> , 2015, 122, 595-608.	1.3	19
9	A GIS tool for historical instability processes data entry: An approach to hazard management in two Italian Alpine river basins. <i>Computers and Geosciences</i> , 2009, 35, 1735-1747.	2.0	16
10	Rainfall Thresholds for Possible Occurrence of Shallow Landslides and Debris Flows in Italy. <i>Advances in Global Change Research</i> , 2013, , 327-339.	1.6	11
11	Historical datum as a basis for a new GIS application to support civil protection services in NW Italy. <i>Computers and Geosciences</i> , 2014, 66, 13-19.	2.0	11
12	A web-based, relational database for studying glaciers in the Italian Alps. <i>Computers and Geosciences</i> , 2013, 51, 101-107.	2.0	10
13	Reconstruction and analysis of two long-term precipitation time series: Alpe Devero and Domodossola (Italian Western Alps). <i>Theoretical and Applied Climatology</i> , 2012, 109, 397-405.	1.3	8
14	Dynamic taxonomies applied to a web-based relational database for geo-hydrological risk mitigation. <i>Computers and Geosciences</i> , 2012, 39, 182-187.	2.0	8
15	Rock temperature variability in high-altitude rockfall-prone areas. <i>Journal of Mountain Science</i> , 2022, 19, 798-811.	0.8	8
16	Little Ice Age glacial systems and related natural instability processes in the Orco Valley (North-Western Italy). <i>Journal of Maps</i> , 2019, 15, 142-152.	1.0	7
17	Effect of snow-covered ground albedo on the accuracy of air temperature measurements. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6195-6212.	1.2	6
18	A gis spatial analysis model for landslide hazard mapping application in alpine area. <i>International Journal of Sustainable Development and Planning</i> , 2017, 12, 883-893.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Evolution of temperature indices in the periglacial environment of the European Alps in the period 1990–2019. <i>Journal of Mountain Science</i> , 2021, 18, 2842-2853.	0.8	6
20	Dbclim: A web-based, open-source relational database for rainfall event studies. <i>Computers and Geosciences</i> , 2012, 48, 337-339.	2.0	4
21	Effects of inter-annual climate variability on grape harvest timing in rainfed hilly vineyards of Piedmont (NW Italy). <i>Italian Journal of Agrometeorology</i> , 2021, , 37-49.	0.8	2