Marta Chiarle

List of Publications by Year
in descending order

28	867	516561 16	580701 25
papers	citations	h-index	g-index

38	38	38	1011
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rock temperature variability in high-altitude rockfall-prone areas. Journal of Mountain Science, 2022, 19, 798-811.	0.8	8
2	Relations between climate change and mass movement: Perspectives from the Canadian Cordillera and the European Alps. Global and Planetary Change, 2021, 202, 103499.	1.6	29
3	Evolution of temperature indices in the periglacial environment of the European Alps in the period 1990â€“2019. Journal of Mountain Science, 2021, 18, 2842-2853.	0.8	6
4	An integrated approach to investigate climate-driven rockfall occurrence in high alpine slopes: the Bessanese glacial basin, Western Italian Alps. Journal of Mountain Science, 2020, 17, 2591-2610.	0.8	20
5	Little Ice Age glacial systems and related natural instability processes in the Orco Valley (North-Western Italy). Journal of Maps, 2019, 15, 142-152.	1.0	7
6	New insights in the relation between climate and slope failures at high-elevation sites. Theoretical and Applied Climatology, 2019, 137, 1765-1784.	1.3	37
7	The altitudinal temperature lapse rates applied to high elevation rockfalls studies in the Western European Alps. Theoretical and Applied Climatology, 2018, 131, 1479-1491.	1.3	35
8	The Glaciers of the Valle dâ€™Aosta and Piemonte Regions: Records of Present and Past Environmental and Climate Changes. World Geomorphological Landscapes, 2017, , 77-88.	0.1	4
9	Climate anomalies associated with the occurrence of rockfalls at high-elevation in the Italian Alps. Natural Hazards and Earth System Sciences, 2016, 16, 2085-2106.	1.5	40
10	Climate variability and Alpine glaciers evolution in Northwestern Italy from the Little Ice Age to the 2010s. Theoretical and Applied Climatology, 2015, 122, 595-608.	1.3	19
11	A method to reveal climatic variables triggering slope failures at high elevation. Natural Hazards, 2015, 76, 1039-1061.	1.6	23
12	Monitoring Rock Wall Temperatures and Microseismic Activity for Slope Stability Investigation at J.A. Carrel Hut, Matterhorn. , 2015, , 305-309.		10
13	Little Ice Age and contemporary glacier extent in the Western and South-Western Piedmont Alps (North-Western Italy). Journal of Maps, 2014, 10, 409-423.	1.0	22
14	Debris Flow on a Seasonally Frozen Rupture Surface at Moose Lake, British Columbia. Environmental Science and Engineering, 2014, , 263-270.	0.1	1
15	Interactive, 3D Simulation of Natural Instability Processes for Civil Protection Purposes. , 2014, , 125-130.		2
16	A web-based, relational database for studying glaciers in the Italian Alps. Computers and Geosciences, 2013, 51, 101-107.	2.0	10
17	Slope Instabilities in High-Mountain Rock Walls. Recent Events on the Monte Rosa East Face (Macugnaga, NW Italy). , 2013, , 327-332.		3
18	Analysis of microseismic signals and temperature recordings for rock slope stability investigations in high mountain areas. Natural Hazards and Earth System Sciences, 2012, 12, 2283-2298.	1.5	25

#	Article	IF	Citations
19	Dynamic taxonomies applied to a web-based relational database for geo-hydrological risk mitigation. Computers and Geosciences, 2012, 39, 182-187.	2.0	8
20	Microseismic activity analysis for the study of the rupture mechanisms in unstable rock masses. Natural Hazards and Earth System Sciences, 2010, 10, 831-841.	1.5	82
21	Recent debris flow occurrences associated with glaciers in the Alps. Global and Planetary Change, 2007, 56, 123-136.	1.6	166
22	Climate change impacts on mountain glaciers and permafrost. Global and Planetary Change, 2007, 56, vii-ix.	1.6	54
23	A model for estimating flood damage in Italy: preliminary results. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	9
24	A surge-type movement at Ghiacciaio del Belvedere and a developing slope instability in the east face of Monte Rosa, Macugnaga, Italian Alps. Norsk Geografisk Tidsskrift, 2002, 56, 104-111.	0.3	60
25	Modelling rock avalanches and their relation to permafrost degradation in glacial environments. Permafrost and Periglacial Processes, 2002, 13, 283-288.	1.5	53
26	Geochemistry of the formation waters in the Po plain (Northern Italy): an overview.. Applied Geochemistry, 2000, 15, 51-65.	1.4	77
27	A digital photogrammetric method for measuring horizontal surficial movements on the Slumgullion earthflow, Hinsdale County, Colorado. Computers and Geosciences, 1996, 22, 651-663.	2.0	34
28	ADSORPTION OF ORGANIC MOLECULES ONTO MONTMORILLONITE: CATIONIC SURFACTANTS WITH DIFFERENT POLAR HEAD GROUP.. Journal of Dispersion Science and Technology, 1993, 14, 255-268.	1.3	7