

Florence Magnin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

702
citations

759055

12
h-index

794469

19
g-index

47
all docs

47
docs citations

47
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of the 2003 and 2015 summer heatwaves on permafrost-affected rock-walls in the Mont Blanc massif. <i>Science of the Total Environment</i> , 2017, 609, 132-143.	3.9	125
2	Ice Loss and Slope Stability in High-Mountain Regions. , 2015, , 521-561.		91
3	Thermal characteristics of permafrost in the steep alpine rock walls of the Aiguille du Midi (Mont) Tj ETQq1 1 0.784314 rgBT /Overlock 1.5 69	1.5	69
4	Modelling rock wall permafrost degradation in the Mont Blanc massif from the LIA to the end of the 21st century. <i>Cryosphere</i> , 2017, 11, 1813-1834.	1.5	59
5	The morphodynamics of the mont blanc massif in a changing cryosphere: a comprehensive review. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2012, 94, 265-283.	0.6	46
6	Snow control on active layer thickness in steep alpine rock walls (Aiguille du Midi, 3842ma.s.l., Mont) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2.2 46	2.2	46
7	Statistical modelling of rock wall permafrost distribution: application to the Mont Blanc massif. <i>Geomorphologie Relief, Processus, Environnement</i> , 2015, 21, 145-162.	0.7	39
8	Estimating glacier-bed overdeepenings as possible sites of future lakes in the de-glaciating Mont Blanc massif (Western European Alps). <i>Geomorphology</i> , 2020, 350, 106913.	1.1	34
9	Determination of warm, sensitive permafrost areas in near-vertical rockwalls and evaluation of distributed models by electrical resistivity tomography. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 745-762.	1.0	30
10	Permafrost distribution in steep rock slopes in Norway: measurements, statistical modelling and implications for geomorphological processes. <i>Earth Surface Dynamics</i> , 2019, 7, 1019-1040.	1.0	28
11	Ice loss from glaciers and permafrost and related slope instability in high-mountain regions. , 2021, , 501-540.		26
12	Mountain permafrost and associated geomorphological processes: recent changes in the French Alps. <i>Revue De Geographie Alpine</i> , 2015, , .	0.1	17
13	Rock temperature prior to failure: Analysis of 209 rockfall events in the Mont Blanc massif (Western) Tj ETQq1 1 0.784314 rgBT /Overlock 1.5 15	1.5	15
14	Qualitative risk assessment and strategies for infrastructure on permafrost in the French Alps. <i>Cold Regions Science and Technology</i> , 2021, 189, 103311.	1.6	14
15	Temperature distribution in a permafrost-affected rock ridge from conductivity and induced polarization tomography. <i>Geophysical Journal International</i> , 2021, 225, 1207-1221.	1.0	11
16	Permafrost in monitored unstable rock slopes in Norway – new insights from temperature and surface velocity measurements, geophysical surveying, and ground temperature modelling. <i>Earth Surface Dynamics</i> , 2022, 10, 97-129.	1.0	11
17	Surface temperatures and their influence on the permafrost thermal regime in high-Arctic rock walls on Svalbard. <i>Cryosphere</i> , 2021, 15, 2491-2509.	1.5	7
18	Le permafrost de montagne et les processus géomorphologiques associés: Évolutions récentes dans les Alpes françaises. <i>Revue De Geographie Alpine</i> , 2015, , .	0.1	6

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19	Water Flows in Rock Wall Permafrost: A Numerical Approach Coupling Hydrological and Thermal Processes. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006394.	1.0	5
20	Modelling and characterizing glacier-bed overdeepenings as sites for potential future lakes in the deglaciating French Alps. <i>Geomorphologie Relief, Processus, Environnement</i> , 2021, 27, 19-36.	0.7	4
21	DISTRIBUTION AND EVOLUTION OF ICE APRONS IN A CHANGING CLIMATE IN THE MONT-BLANC MASSIF (WESTERN EUROPEAN ALPS). <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLIII-B3-2021, 469-475.	0.2	4
22	First evidence of rock wall permafrost in the Pyrenees (Vignemale peak, 3,298 m a.s.l.) <i>Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 6</i>	1.5	4
23	Analysis of the Temporal Evolution of Ice Aprons in the Mont-Blanc Massif Using X and C-Band SAR Images. <i>Frontiers in Remote Sensing</i> , 0, 3, .	1.3	3
24	MONITORING HANGING GLACIER DYNAMICS FROM SAR IMAGES USING CORNER REFLECTORS AND FIELD MEASUREMENTS IN THE MONT-BLANC MASSIF. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, V-3-2022, 325-332.	0.0	0