

Florence Magnin

List of Publications by Year in descending order

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24
papers

702
citations

759055

12
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794469

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47
all docs

47
docs citations

47
times ranked

641
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Ice loss from glaciers and permafrost and related slope instability in high-mountain regions. , 2021, , 501-540. | | 26 |
| 3 | 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 |
| 4 | 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 |
| 5 | Rock temperature prior to failure: Analysis of 209 rockfall events in the Mont Blanc massif (Western) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5</i> | 1.5 | 15 |
| 6 | First evidence of rock wall permafrost in the Pyrenees (Vignemale peak, 3,298m a.s.l.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i> | 1.5 | 4 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Snow control on active layer thickness in steep alpine rock walls (Aiguille du Midi, 3842m a.s.l., Mont) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i> | 2.2 | 46 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Thermal characteristics of permafrost in the steep alpine rock walls of the Aiguille du Midi (Mont) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i> | 1.5 | 69 |
| 17 | Ice Loss and Slope Stability in High-Mountain Regions. , 2015, , 521-561. | | 91 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Le permafrost de montagne et les processus géomorphologiques associés: Évolutions récentes dans les Alpes françaises. <i>Revue De Géographie Alpine</i> , 2015, , . | 0.1 | 6 |
| 20 | Mountain permafrost and associated geomorphological processes: recent changes in the French Alps. <i>Revue De Géographie Alpine</i> , 2015, , . | 0.1 | 17 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |