

Pascal Horton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7403721/publications.pdf>

Version: 2024-02-01

19
papers

859
citations

759233

12
h-index

888059

17
g-index

34
all docs

34
docs citations

34
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of climate-change impacts on alpine discharge regimes with climate model uncertainty. <i>Hydrological Processes</i> , 2006, 20, 2091-2109.	2.6	199
2	Flow-R, a model for susceptibility mapping of debris flows and other gravitational hazards at a regional scale. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 869-885.	3.6	165
3	Rockfall hazard and risk assessments along roads at a regional scale: example in Swiss Alps. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 615-629.	3.6	113
4	Assessment of debris-flow susceptibility at medium-scale in the Barcelonnette Basin, France. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 627-641.	3.6	83
5	Debris flow hazard modelling on medium scale: Valtellina di Tirano, Italy. <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 2379-2390.	3.6	65
6	Spatial relationship between the atmospheric circulation and the precipitation measured in the western Swiss Alps by means of the analogue method. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 777-784.	3.6	40
7	Global Optimization of an Analog Method by Means of Genetic Algorithms. <i>Monthly Weather Review</i> , 2017, 145, 1275-1294.	1.4	26
8	Using genetic algorithms to optimize the analogue method for precipitation prediction in the Swiss Alps. <i>Journal of Hydrology</i> , 2018, 556, 1220-1231.	5.4	26
9	Preliminary Slope Mass Movement Susceptibility Mapping Using DEM and LiDAR DEM. , 2012, , 109-170.		21
10	Statistical reconstruction of daily precipitation and temperature fields in Switzerland back to 1864. <i>Climate of the Past</i> , 2020, 16, 663-678.	3.4	17
11	Impact of global atmospheric reanalyses on statistical precipitation downscaling. <i>Climate Dynamics</i> , 2019, 52, 5189-5211.	3.8	16
12	Why do we have so many different hydrological models? A review based on the case of Switzerland. <i>Wiley Interdisciplinary Reviews: Water</i> , 2022, 9, .	6.5	16
13	The analogue method for precipitation prediction: finding better analogue situations at a sub-daily time step. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3307-3323.	4.9	14
14	Modelling the long-term geomorphic response to check dam failures in an alpine channel with CAESAR-Lisflood. <i>International Journal of Sediment Research</i> , 2022, 37, 687-700.	3.5	11
15	Multihazards Scenario Generator: A Network-Based Simulation of Natural Disasters. <i>Risk Analysis</i> , 2021, 41, 2154-2176.	2.7	10
16	Analogue methods and ERA5: Benefits and pitfalls. <i>International Journal of Climatology</i> , 2022, 42, 4078-4096.	3.5	7
17	Definition and mapping of potential rockfall source and propagation areas at a regional scale in Basilicata region (Southern Italy). <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 41, 175-178.	0.3	5
18	AtmoSwing: Analog Technique Model for Statistical Weather forecastING and downscaling (v2.1.0). <i>Geoscientific Model Development</i> , 2019, 12, 2915-2940.	3.6	4

#	ARTICLE	IF	CITATIONS
19	Monitoring Natural Hazards. Encyclopedia of Earth Sciences Series, 2013, , 686-696.	0.1	2