Javier Lapazaran

List of Publications by Year
in descending order

21 papers	462 citations	687363 13 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	490 citing authors

#	Article	IF	Citations
1	Radioglaciological studies on Hurd Peninsula glaciers, Livingston Island, Antarctica. Annals of Glaciology, 2009, 50, 17-24.	1.4	50
2	On the errors involved in ice-thickness estimates I: ground-penetrating radar measurement errors. Journal of Glaciology, 2016, 62, 1008-1020.	2.2	48
3	Hurd Peninsula glaciers, Livingston Island, Antarctica, as indicators of regional warming: ice-volume changes during the period 1956â€"2000. Annals of Glaciology, 2007, 46, 43-49.	1.4	40
4	Ice Volume Estimates from Ground-Penetrating Radar Surveys, Wedel Jarlsberg Land Glaciers, Svalbard. Arctic, Antarctic, and Alpine Research, 2014, 46, 394-406.	1.1	35
5	Sensitivity of a distributed temperature-radiation index melt model based on AWS observations and surface energy balance fluxes, Hurd Peninsula glaciers, Livingston Island, Antarctica. Cryosphere, 2012, 6, 539-552.	3.9	32
6	Ground-based remote-sensing techniques for diagnosis of the current state and recent evolution of the Monte Perdido Glacier, Spanish Pyrenees. Journal of Glaciology, 2019, 65, 85-100.	2.2	32
7	AÂ14-year dataset of in situ glacier surface velocities for aÂtidewater and aÂland-terminating glacier in Livingston Island, Antarctica. Earth System Science Data, 2017, 9, 751-764.	9.9	32
8	Estimate of the total volume of Svalbard glaciers, and their potential contribution to sea-level rise, using new regionally based scaling relationships. Journal of Glaciology, 2015, 61, 29-41.	2.2	31
9	Radio-echo sounding and ice volume estimates of western NordenskiÃ¶ld Land glaciers, Svalbard. Annals of Glaciology, 2013, 54, 211-217.	1.4	29
10	On the errors involved in ice-thickness estimates II: errors in digital elevation models of ice thickness. Journal of Glaciology, 2016, 62, 1021-1029.	2.2	23
11	Temporal changes in the radiophysical properties of a polythermal glacier in Spitsbergen. Annals of Glaciology, 2005, 42, 125-134.	1.4	19
12	A compact lightweight multipurpose ground-penetrating radar for glaciological applications. Journal of Glaciology, 2011, 57, 1113-1118.	2.2	16
13	Modeling the Controls on the Front Position of a Tidewater Glacier in Svalbard. Frontiers in Earth Science, 2017, 5, .	1.8	16
14	Ice volume changes (1936â€"1990â€"2007) and ground-penetrating radar studies of Ariebreen, Hornsund, Spitsbergen. Polar Research, 2013, 32, 11068.	1.6	13
15	On the errors involved in ice-thickness estimates III: error in volume. Journal of Glaciology, 2016, 62, 1030-1036.	2.2	12
16	The case of a southern European glacier which survived Roman and medieval warm periods but is disappearing under recent warming. Cryosphere, 2021, 15, 1157-1172.	3.9	11
17	A two-dimensional glacierâ€"fjord coupled model applied to estimate submarine melt rates and front position changes of Hansbreen, Svalbard. Journal of Glaciology, 2018, 64, 745-758.	2.2	9
18	Characterization of Cavities Using the GPR, LIDAR and GNSS Techniques. Pure and Applied Geophysics, 2015, 172, 3123-3137.	1.9	7

#	Article	IF	Citations
19	Ground-penetrating radar studies in Svalbard aimed to the calculation of the ice volume of its glaciers. Cuadernos De Investigacion Geografica, 2016, 42, 399-414.	1.1	5
20	A restitution method to reconstruct the 2001â€“13 surface evolution of Hurd Glacier, Livingston Island, Antarctica, using surface mass balance data. Journal of Glaciology, 2022, 68, 443-456.	2.2	1
21	Characterization of Underground Cellars in the Duero Basin by GNSS, LIDAR and GPR Techniques. Lecture Notes in Earth System Sciences, 2014, , 277-280.	0.6	1