

# Javier Lapazaran

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A restitution method to reconstruct the 2001–13 surface evolution of Hurd Glacier, Livingston Island, Antarctica, using surface mass balance data. <i>Journal of Glaciology</i> , 2022, 68, 443-456.	2.2	1
2	The case of a southern European glacier which survived Roman and medieval warm periods but is disappearing under recent warming. <i>Cryosphere</i> , 2021, 15, 1157-1172.	3.9	11
3	Ground-based remote-sensing techniques for diagnosis of the current state and recent evolution of the Monte Perdido Glacier, Spanish Pyrenees. <i>Journal of Glaciology</i> , 2019, 65, 85-100.	2.2	32
4	A two-dimensional glacier–fjord coupled model applied to estimate submarine melt rates and front position changes of Hansbreen, Svalbard. <i>Journal of Glaciology</i> , 2018, 64, 745-758.	2.2	9
5	Modeling the Controls on the Front Position of a Tidewater Glacier in Svalbard. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	16
6	A 14-year dataset of in situ glacier surface velocities for a tidewater and a land-terminating glacier in Livingston Island, Antarctica. <i>Earth System Science Data</i> , 2017, 9, 751-764.	9.9	32
7	On the errors involved in ice-thickness estimates I: ground-penetrating radar measurement errors. <i>Journal of Glaciology</i> , 2016, 62, 1008-1020.	2.2	48
8	On the errors involved in ice-thickness estimates II: errors in digital elevation models of ice thickness. <i>Journal of Glaciology</i> , 2016, 62, 1021-1029.	2.2	23
9	On the errors involved in ice-thickness estimates III: error in volume. <i>Journal of Glaciology</i> , 2016, 62, 1030-1036.	2.2	12
10	Ground-penetrating radar studies in Svalbard aimed to the calculation of the ice volume of its glaciers. <i>Cuadernos De Investigacion Geografica</i> , 2016, 42, 399-414.	1.1	5
11	Estimate of the total volume of Svalbard glaciers, and their potential contribution to sea-level rise, using new regionally based scaling relationships. <i>Journal of Glaciology</i> , 2015, 61, 29-41.	2.2	31
12	Characterization of Cavities Using the GPR, LIDAR and GNSS Techniques. <i>Pure and Applied Geophysics</i> , 2015, 172, 3123-3137.	1.9	7
13	Ice Volume Estimates from Ground-Penetrating Radar Surveys, Wedel Jarlsberg Land Glaciers, Svalbard. <i>Arctic, Antarctic, and Alpine Research</i> , 2014, 46, 394-406.	1.1	35
14	Characterization of Underground Cellars in the Duero Basin by GNSS, LIDAR and GPR Techniques. <i>Lecture Notes in Earth System Sciences</i> , 2014, , 277-280.	0.6	1
15	Ice volume changes (1936–1990–2007) and ground-penetrating radar studies of Ariebreen, Hornsund, Spitsbergen. <i>Polar Research</i> , 2013, 32, 11068.	1.6	13
16	Radio-echo sounding and ice volume estimates of western Nordenskiöld Land glaciers, Svalbard. <i>Annals of Glaciology</i> , 2013, 54, 211-217.	1.4	29
17	Sensitivity of a distributed temperature-radiation index melt model based on AWS observations and surface energy balance fluxes, Hurd Peninsula glaciers, Livingston Island, Antarctica. <i>Cryosphere</i> , 2012, 6, 539-552.	3.9	32
18	A compact lightweight multipurpose ground-penetrating radar for glaciological applications. <i>Journal of Glaciology</i> , 2011, 57, 1113-1118.	2.2	16

#	ARTICLE	IF	CITATIONS
19	Radioglaciological studies on Hurd Peninsula glaciers, Livingston Island, Antarctica. <i>Annals of Glaciology</i> , 2009, 50, 17-24.	1.4	50
20	Hurd Peninsula glaciers, Livingston Island, Antarctica, as indicators of regional warming: ice-volume changes during the period 1956â€“2000. <i>Annals of Glaciology</i> , 2007, 46, 43-49.	1.4	40
21	Temporal changes in the radiophysical properties of a polythermal glacier in Spitsbergen. <i>Annals of Glaciology</i> , 2005, 42, 125-134.	1.4	19