Alvaro Ignacio Ayala Ramos

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8254094/publications.pdf

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19	611	759233 12	888059 17
papers	citations	h-index	g-index

30	30	30	756
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glacier and rock glacier changes since the 1950s in the La Laguna catchment, Chile. Cryosphere, 2022, 16, 647-665.	3.9	15
2	Sharp Increase of Extreme Turbidity Events Due To Deglaciation in the Subtropical Andes. Journal of Geophysical Research F: Earth Surface, 2022, 127, .	2.8	9
3	Distributed summer air temperatures across mountain glaciers in the south-east Tibetan Plateau: temperature sensitivity and comparison with existing glacier datasets. Cryosphere, 2021, 15, 595-614.	3.9	18
4	A near 90-year record of the evolution of El Morado Glacier and its proglacial lake, Central Chilean Andes. Journal of Glaciology, 2020, 66, 846-860.	2.2	18
5	Modelling spatial patterns of near-surface air temperature over a decade of melt seasons on McCall Glacier, Alaska. Journal of Glaciology, 2020, 66, 386-400.	2.2	9
6	The Utility of Optical Satellite Winter Snow Depths for Initializing a Glacioâ€Hydrological Model of a Highâ€Elevation, Andean Catchment. Water Resources Research, 2020, 56, e2020WR027188.	4.2	12
7	60 Years of Glacier Elevation and Mass Changes in the Maipo River Basin, Central Andes of Chile. Remote Sensing, 2020, 12, 1658.	4.0	21
8	Glacier runoff variations since 1955 in the Maipo River basin, in the semiarid Andes of central Chile. Cryosphere, 2020, 14, 2005-2027.	3.9	44
9	Interannual variability in glacier contribution to runoff from a highâ€elevation Andean catchment: understanding the role of debris cover in glacier hydrology. Hydrological Processes, 2019, 33, 214-229.	2.6	34
10	The CAMELS-CL dataset: catchment attributes and meteorology for large sample studies â€“ Chile dataset. Hydrology and Earth System Sciences, 2018, 22, 5817-5846.	4.9	188
11	Melt and surface sublimation across a glacier in a dry environment: distributed energy-balance modelling of Juncal Norte Glacier, Chile. Journal of Glaciology, 2017, 63, 803-822.	2.2	31
12	Patterns of glacier ablation across <scp>N</scp>orthâ€<scp>C</scp>entral <scp>C</scp>hile: Identifying the limits of empirical melt models under sublimationâ€favorable conditions. Water Resources Research, 2017, 53, 5601-5625.	4.2	32
13	Centreline and cross-glacier air temperature variability on an Alpine glacier: assessing temperature distribution methods and their influence on melt model calculations. Journal of Glaciology, 2017, 63, 973-988.	2.2	13
14	Modelling the hydrological response of debrisâ€free and debrisâ€covered glaciers to present climatic conditions in the semiarid Andes of central Chile. Hydrological Processes, 2016, 30, 4036-4058.	2.6	40
15	Modeling 2â€‰m air temperatures over mountain glaciers: Exploring the influence of katabatic cooling and external warming. Journal of Geophysical Research D: Atmospheres, 2015, 120, 3139-3157.	3.3	33
16	Satellite observations show no net change in the percentage of supraglacial debris-covered area in northern Pakistan from 1977 to 2014. Journal of Glaciology, 2015, 61, 524-536.	2.2	41
17	Altitudinal gradients, midwinter melt, and wind effects on snow accumulation in semiarid midlatitude Andes under La NiÃ±a conditions. Water Resources Research, 2014, 50, 3589-3594.	4.2	14
18	Applying Principles of Denver Strategic Transportation Plan: East Side Corridor. , 2010, , .		0

#	Article	IF	Citations
19	An Approach to Estimating Hydropower Impacts of Climate Change from a Regional Perspective. , 2010, , .		7