

Alvaro Ignacio Ayala Ramos

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

611
citations

759233

12
h-index

888059

17
g-index

30
all docs

30
docs citations

30
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	The CAMELS-CL dataset: catchment attributes and meteorology for large sample studies â€“ Chile dataset. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 5817-5846.	4.9	188
2	Glacier runoff variations since 1955 in the Maipo River basin, in the semiarid Andes of central Chile. <i>Cryosphere</i> , 2020, 14, 2005-2027.	3.9	44
3	Satellite observations show no net change in the percentage of supraglacial debris-covered area in northern Pakistan from 1977 to 2014. <i>Journal of Glaciology</i> , 2015, 61, 524-536.	2.2	41
4	Modelling the hydrological response of debris-free and debris-covered glaciers to present climatic conditions in the semiarid Andes of central Chile. <i>Hydrological Processes</i> , 2016, 30, 4036-4058.	2.6	40
5	Interannual variability in glacier contribution to runoff from a high-elevation Andean catchment: understanding the role of debris cover in glacier hydrology. <i>Hydrological Processes</i> , 2019, 33, 214-229.	2.6	34
6	Modeling 24-h air temperatures over mountain glaciers: Exploring the influence of katabatic cooling and external warming. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3139-3157.	3.3	33
7	Patterns of glacier ablation across North-Central Chile: Identifying the limits of empirical melt models under sublimation-favorable conditions. <i>Water Resources Research</i> , 2017, 53, 5601-5625.	4.2	32
8	Melt and surface sublimation across a glacier in a dry environment: distributed energy-balance modelling of Juncal Norte Glacier, Chile. <i>Journal of Glaciology</i> , 2017, 63, 803-822.	2.2	31
9	60 Years of Glacier Elevation and Mass Changes in the Maipo River Basin, Central Andes of Chile. <i>Remote Sensing</i> , 2020, 12, 1658.	4.0	21
10	A near 90-year record of the evolution of El Morado Glacier and its proglacial lake, Central Chilean Andes. <i>Journal of Glaciology</i> , 2020, 66, 846-860.	2.2	18
11	Distributed summer air temperatures across mountain glaciers in the south-east Tibetan Plateau: temperature sensitivity and comparison with existing glacier datasets. <i>Cryosphere</i> , 2021, 15, 595-614.	3.9	18
12	Glacier and rock glacier changes since the 1950s in the La Laguna catchment, Chile. <i>Cryosphere</i> , 2022, 16, 647-665.	3.9	15
13	Altitudinal gradients, midwinter melt, and wind effects on snow accumulation in semiarid midlatitude Andes under La Niña conditions. <i>Water Resources Research</i> , 2014, 50, 3589-3594.	4.2	14
14	Centreline and cross-glacier air temperature variability on an Alpine glacier: assessing temperature distribution methods and their influence on melt model calculations. <i>Journal of Glaciology</i> , 2017, 63, 973-988.	2.2	13
15	The Utility of Optical Satellite Winter Snow Depths for Initializing a Glacio-Hydrological Model of a High-Elevation, Andean Catchment. <i>Water Resources Research</i> , 2020, 56, e2020WR027188.	4.2	12
16	Modelling spatial patterns of near-surface air temperature over a decade of melt seasons on McCall Glacier, Alaska. <i>Journal of Glaciology</i> , 2020, 66, 386-400.	2.2	9
17	Sharp Increase of Extreme Turbidity Events Due To Deglaciation in the Subtropical Andes. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	2.8	9
18	An Approach to Estimating Hydropower Impacts of Climate Change from a Regional Perspective. , 2010, , .		7

#	ARTICLE	IF	CITATIONS
19	Applying Principles of Denver Strategic Transportation Plan: East Side Corridor. , 2010, , .		0