

# Alfonso Fernandez

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,287  
citations

687363

13  
h-index

454955

30  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme rainfall event in the Northeast coast of Brazil: a numerical sensitivity study. <i>Meteorology and Atmospheric Physics</i> , 2021, 133, 141-162.	2.0	17
2	Validation of a 9-km WRF dynamical downscaling of temperature and precipitation for the period 1980â€“2005 over Central South Chile. <i>Theoretical and Applied Climatology</i> , 2021, 143, 361-378.	2.8	6
3	The Glacial Waterscape: Glaciers and Their Unique Geomorphological Connection to Society. , 2021, , 281-281.		2
4	Data-based wildfire risk model for Mediterranean ecosystems â€“ case study of the ConcepciÃ³n metropolitan area in central Chile. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 3663-3678.	3.6	6
5	Importance and vulnerability of the worldâ€™s water towers. <i>Nature</i> , 2020, 577, 364-369.	27.8	885
6	Comparison between observations and gridded data sets over complex terrain in the Chilean Andes: Precipitation and temperature. <i>International Journal of Climatology</i> , 2020, 40, 5266-5288.	3.5	23
7	WRF High Resolution Dynamical Downscaling of Precipitation for the Central Andes of Chile and Argentina. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	13
8	Small-scale anthropogenic changes impact floodplain hydraulics: Simulating the effects of fish canals on the Logone floodplain. <i>Journal of Hydrology</i> , 2020, 588, 125035.	5.4	12
9	Trends and spatial patterns of 20th century temperature, rainfall and PET in the semi-arid Logone River basin, Sub-Saharan Africa. <i>Journal of Arid Environments</i> , 2020, 178, 104168.	2.4	5
10	Unexpected coseismic surface uplift at TirÃ¡a-Mocha Island area of south Chile before and during the Mw 8.8 Maule 2010 earthquake: a possible upper plate splay fault. <i>Andean Geology</i> , 2020, 47, 295.	0.5	8
11	The benefits to climate science of including early-career scientists as reviewers. <i>Geoscience Communication</i> , 2020, 3, 89-97.	0.9	5
12	Efectos del otorgamiento de derechos de agua en la disponibilidad de recursos hÃ¡dricos en la cuenca del rÃ­o Ãuble, Chile Centro Sur. <i>TecnologÃ­a Y Ciencias Del Agua</i> , 2020, 11, 225-273.	0.3	0
13	Disappearance of the last tropical glaciers in the Western Pacific Warm Pool (Papua, Indonesia) appears imminent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26382-26388.	7.1	13
14	Earth Science Is Ready for Preprints. <i>Eos</i> , 2019, 100, .	0.1	7
15	Dendrohydrology and water resources management in south-central Chile: lessons from the RÃ­o Imperial streamflow reconstruction. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2921-2935.	4.9	24
16	Impact of different microphysical parameterizations on extreme snowfall events in the Southern Andes. <i>Weather and Climate Extremes</i> , 2018, 21, 65-75.	4.1	19
17	Coâ€“producing research in the â€œRed Zoneâ€: Adaptation to fieldwork constraints with a transdisciplinary approach. <i>Geographical Journal</i> , 2018, 184, 369-383.	3.1	6
18	ASSESSING THE DENDROCLIMATOLOGICAL POTENTIAL OF <b>POLYLEPIS RODOLFO-VASQUEZII</b> <b>&lt;/b&gt;IN THE PERUVIAN ANDES. , 2018, , .</b>		0

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19	The First Millennium-Age <i>Araucaria Araucana</i> in Patagonia. <i>Tree-Ring Research</i> , 2017, 73, 53-56.	0.6	27
20	The significance of mountain glaciers as sentinels of climate and environmental change. <i>Geography Compass</i> , 2017, 11, e12318.	2.7	13
21	Incorporating Autonomous Sensors and Climate Modeling to Gain Insight into Seasonal Hydrometeorological Processes within a Tropical Glacierized Valley. <i>Annals of the American Association of Geographers</i> , 2017, 107, 260-273.	2.2	3
22	Trace-metal contamination in the glacierized Rio Santa watershed, Peru. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 649.	2.7	16
23	Testing the skill of numerical hydraulic modeling to simulate spatiotemporal flooding patterns in the Logone floodplain, Cameroon. <i>Journal of Hydrology</i> , 2016, 539, 265-280.	5.4	30
24	Social-ecological feedbacks lead to unsustainable lock-in in an inland fishery. <i>Global Environmental Change</i> , 2016, 41, 13-25.	7.8	31
25	Modeling modern glacier response to climate changes along the Cordillera: A multiscale review. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 467-495.	3.8	36
26	Studying the Logone floodplain, Cameroon, as a coupled human and natural system. <i>African Journal of Aquatic Science</i> , 2016, 41, 99-108.	1.1	15
27	Glaciers as water resources. , 2015, , 184-203.		13
28	The Evolution of the Bío Bío Delta and the Coastal Plains of the Arauco Gulf, Bío Bío Region: the Holocene Sea-Level Curve of Chile. <i>Journal of Coastal Research</i> , 2012, 279, 102-111.	0.3	14
29	The Evolution of the Bío Bío Delta and the Coastal Plains of the Arauco Gulf, Bío Bío Region: the Holocene Sea-Level Curve of Chile*. <i>Journal of Coastal Research</i> , 2012, 280, 517-526.	0.3	4
30	Comment to "Nature and tectonic significance of co-seismic structures associated with the Mw 8.8 Maule earthquake, central-southern Chile forearc" from. <i>Journal of Structural Geology</i> , 2012, 37, 253-255.	2.3	1
31	Caudales y variabilidad climática en una cuenca de latitudes medias en Sudamérica: río Aconcagua, Chile Central (33°S). <i>Boletín De La Asociación De Geógrafos Españoles</i> , 2012, , .	0.3	1
32	Cambios en el relieve generados como consecuencia del terremoto Mw = 8.8 del 27 de febrero de 2010 en el centro-sur de Chile. <i>Revista De Geografía Norte Grande</i> , 2012, , 35-55.	0.2	20
33	Inventory and geometrical changes in small glaciers covering three Northern Patagonian summits using remote sensing and GIS techniques. <i>Journal of Mountain Science</i> , 2010, 7, 26-35.	2.0	5
34	Revisiting glacier mass-balance sensitivity to surface air temperature using a data-driven regionalization. <i>Journal of Glaciology</i> , 0, , 1-20.	2.2	0
35	Chlorine-36 Surface Exposure Dating of Late Holocene Moraines and Glacial Mass Balance Modeling, Monte Sierra Nevada, South-Central Chilean Andes (38°S). <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	2