

Fernando Jaramillo

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,951
citations

218677

26
h-index

175258

52
g-index

83
all docs

83
docs citations

83
times ranked

4032
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrieval of Simultaneous Water Level Changes in Small Lakes With InSAR. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
2	Scaling relations reveal global and regional differences in morphometry of reservoirs and natural lakes. <i>Science of the Total Environment</i> , 2022, 822, 153510.	8.0	7
3	Investing in sustainable intensification for smallholders: quantifying large-scale costs and benefits in Uganda. <i>Environmental Research Letters</i> , 2022, 17, 045010.	5.2	3
4	Nordic hydrological frontier in the 21st century. <i>Hydrology Research</i> , 2022, 53, 700-715.	2.7	2
5	A planetary boundary for green water. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 380-392.	29.7	95
6	A probabilistic conceptual model to attribute runoff variations to human activity. <i>Hydrological Sciences Journal</i> , 2021, 66, 309-321.	2.6	3
7	Multi-Sensor InSAR Assessment of Ground Deformations around Lake Mead and Its Relation to Water Level Changes. <i>Remote Sensing</i> , 2021, 13, 406.	4.0	10
8	Barriers to scaling sustainable land and water management in Uganda: a cross-scale archetype approach. <i>Ecology and Society</i> , 2021, 26, .	2.3	17
9	Hydro-climatic changes of wetlandscapes across the world. <i>Scientific Reports</i> , 2021, 11, 2754.	3.3	10
10	A call for consistency with the terms "wetter"™ and "drier"™ in climate change studies. <i>Environmental Evidence</i> , 2021, 10, .	2.7	12
11	Succeeding at home and abroad: accounting for the international spillovers of cities'™ SDG actions. <i>Npj Urban Sustainability</i> , 2021, 1, .	8.0	17
12	Exploring the influence of reservoir impoundment on surrounding tree growth. <i>Advances in Water Resources</i> , 2021, 153, 103946.	3.8	12
13	Water footprint and consumption of hydropower from basin-constrained water mass balance. <i>Advances in Water Resources</i> , 2021, 153, 103947.	3.8	6
14	Drivers and extent of surface water occurrence in the Selenga River Delta, Russia. <i>Journal of Hydrology: Regional Studies</i> , 2021, 38, 100945.	2.4	5
15	An Earth system law perspective on governing social-hydrological systems in the Anthropocene. <i>Earth System Governance</i> , 2021, 10, 100120.	3.4	11
16	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. <i>Water Resources Research</i> , 2020, 56, e2019WR024957.	4.2	86
17	Estimating the global potential of water harvesting from successful case studies. <i>Global Environmental Change</i> , 2020, 63, 102121.	7.8	33
18	Using InSAR to identify hydrological connectivity and barriers in a highly fragmented wetland. <i>Hydrological Processes</i> , 2020, 34, 4417-4430.	2.6	10

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19	Hydroclimatic Effects of a Hydropower Reservoir in a Tropical Hydrological Basin. Sustainability, 2020, 12, 6795.	3.2	7
20	Radial Growth Responses to Climate of Pinus yunnanensis at Low Elevations of the Hengduan Mountains, China. Forests, 2020, 11, 1066.	2.1	9
21	Future Climate Change Renders Unsuitable Conditions for Paramo Ecosystems in Colombia. Sustainability, 2020, 12, 8373.	3.2	9
22	Hydro-climatic controls explain variations in catchment-scale nitrogen use efficiency. Environmental Research Letters, 2020, 15, 094006.	5.2	5
23	The Water Planetary Boundary: Interrogation and Revision. One Earth, 2020, 2, 223-234.	6.8	98
24	Integrating the Water Planetary Boundary With Water Management From Local to Global Scales. Earth's Future, 2020, 8, e2019EF001377.	6.3	65
25	Data for wetlandscapes and their changes around the world. Earth System Science Data, 2020, 12, 1083-1100.	9.9	12
26	Wetland Biomass and Productivity in Coastal Louisiana: Base Line Data (1976â€“2015) and Knowledge Gaps for the Development of Spatially Explicit Models for Ecosystem Restoration and Rehabilitation Initiatives. Water (Switzerland), 2019, 11, 2054.	2.7	13
27	Future Hydroclimatic Impacts on Africa: Beyond the Paris Agreement. Earth's Future, 2019, 7, 748-761.	6.3	21
28	Analysis of Floodplain Dynamics in the Atrato River Colombia Using SAR Interferometry. Water (Switzerland), 2019, 11, 875.	2.7	15
29	Priorities and Interactions of Sustainable Development Goals (SDGs) with Focus on Wetlands. Water (Switzerland), 2019, 11, 619.	2.7	75
30	Ozone pollution will compromise efforts to increase global wheat production. Global Change Biology, 2018, 24, 3560-3574.	9.5	163
31	Effects of Hydroclimatic Change and Rehabilitation Activities on Salinity and Mangroves in the CiÃ©naga Grande de Santa Marta, Colombia. Wetlands, 2018, 38, 755-767.	1.5	34
32	Ecohydrological disturbances associated with roads: Current knowledge, research needs, and management concerns with reference to the tropics. Ecohydrology, 2018, 11, e1881.	2.4	42
33	Assessment of hydrologic connectivity in an ungauged wetland with InSAR observations. Environmental Research Letters, 2018, 13, 024003.	5.2	40
34	Dominant effect of increasing forest biomass on evapotranspiration: interpretations of movement in Budyko space. Hydrology and Earth System Sciences, 2018, 22, 567-580.	4.9	65
35	Wetlands as large-scale nature-based solutions: Status and challenges for research, engineering and management. Ecological Engineering, 2017, 108, 489-497.	3.6	217
36	Agriculture production as a major driver of the Earth system exceeding planetary boundaries. Ecology and Society, 2017, 22, .	2.3	576

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37	Water use by Swedish boreal forests in a changing climate. <i>Functional Ecology</i> , 2016, 30, 690-699.	3.6	31
38	Why monitor carbon in high-altitude streams?. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2016, 98, 237-245.	1.5	2
39	Assessing the Role of a Limestone Quarry as Sediment Source in a Developing Tropical Catchment. <i>Land Degradation and Development</i> , 2016, 27, 1064-1074.	3.9	16
40	Implications of freshwater flux data from the <sc>CMIP5</sc> multimodel output across a set of Northern Hemisphere drainage basins. <i>Earth's Future</i> , 2015, 3, 206-217.	6.3	46
41	Comment on "Planetary boundaries: Guiding human development on a changing planet". <i>Science</i> , 2015, 348, 1217-1217.	12.6	108
42	Local flow regulation and irrigation raise global human water consumption and footprint. <i>Science</i> , 2015, 350, 1248-1251.	12.6	233
43	Hydro-climatic and lake change patterns in Arctic permafrost and non-permafrost areas. <i>Journal of Hydrology</i> , 2015, 529, 134-145.	5.4	52
44	Interacting effects of change in climate, human population, land use, and water use on biodiversity and ecosystem services. <i>Ecology and Society</i> , 2015, 20, .	2.3	43
45	Dissecting the ecosystem service of large-scale pollutant retention: The role of wetlands and other landscape features. <i>Ambio</i> , 2015, 44, 127-137.	5.5	40
46	A social-ecological analysis of ecosystem services in two different farming systems. <i>Ambio</i> , 2015, 44, 102-112.	5.5	53
47	Hydroclimatic changes and drivers in the Sava River Catchment and comparison with Swedish catchments. <i>Ambio</i> , 2015, 44, 624-634.	5.5	59
48	Exploring hydroclimatic change disparity via the Budyko framework. <i>Hydrological Processes</i> , 2014, 28, 4110-4118.	2.6	63
49	Developing water change spectra and distinguishing change drivers worldwide. <i>Geophysical Research Letters</i> , 2014, 41, 8377-8386.	4.0	94
50	Multimethod assessment of evapotranspiration shifts due to non-irrigated agricultural development in Sweden. <i>Journal of Hydrology</i> , 2013, 484, 55-62.	5.4	49
51	Hydroclimatic shifts driven by human water use for food and energy production. <i>Nature Climate Change</i> , 2013, 3, 213-217.	18.8	233