

Boris F Ochoa-Tocachi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

603
citations

840585

11
h-index

713332

21
g-index

36
all docs

36
docs citations

36
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	Producing valuable information from hydrologic models of nature-based solutions for water. Integrated Environmental Assessment and Management, 2022, 18, 135-147.	1.6	13
2	Progress in understanding the hydrology of high-elevation Andean grasslands under changing land use. Science of the Total Environment, 2022, 804, 150112.	3.9	13
3	The effect of natural infrastructure on water erosion mitigation in the Andes. Soil, 2022, 8, 133-147.	2.2	12
4	Ecohydrology and ecosystem services of a natural and an artificial bofedal wetland in the central Andes. Science of the Total Environment, 2022, 838, 155968.	3.9	12
5	PISCOeo_pm, a reference evapotranspiration gridded database based on FAO Penman-Monteith in Peru. Scientific Data, 2022, 9, .	2.4	11
6	A methodology to downscale water demand data with application to the Andean region (Ecuador,) Tj ETQq0 0 0 rgBTj /Overlock 10 Tf 50	1.2	1
7	Influence of land use on hydro-physical soil properties of Andean páramos and its effect on streamflow buffering. Catena, 2021, 202, 105227.	2.2	18
8	Learning from indigenous and local knowledge: The deep history of nature-based solutions. , 2021, , 283-335.		8
9	A concerted research effort to advance the hydrological understanding of tropical páramos. Hydrological Processes, 2020, 34, 4609-4627.	1.1	32
10	Moving beyond the Technology: A Socio-technical Roadmap for Low-Cost Water Sensor Network Applications. Environmental Science & Technology, 2020, 54, 9145-9158.	4.6	23
11	Tailoring Infographics on Water Resources Through Iterative, User-Centered Design: A Case Study in the Peruvian Andes. Water Resources Research, 2020, 56, e2019WR026694.	1.7	9
12	Ancient water harvesting practices can help solve modern problems. TheScienceBreaker, 2020, 06, .	0.0	0
13	Potential contributions of pre-Inca infiltration infrastructure to Andean water security. Nature Sustainability, 2019, 2, 584-593.	11.5	59
14	Improving water resources management using participatory monitoring in a remote mountainous region of Nepal. Journal of Hydrology: Regional Studies, 2019, 23, 100604.	1.0	12
15	Predicting Shallow Groundwater Tables for Sloping Highland Aquifers. Water Resources Research, 2019, 55, 11088-11100.	1.7	18
16	Impacts of forests and forestation on hydrological services in the Andes: A systematic review. Forest Ecology and Management, 2019, 433, 569-584.	1.4	87
17	Sensitivity analysis of the parameter-efficient distributed (PED) model for discharge and sediment concentration estimation in degraded humid landscapes. Land Degradation and Development, 2019, 30, 151-165.	1.8	5
18	Learning to cope with water variability through participatory monitoring: The case study of the Mountainous region, Nepal. Meteorology Hydrology and Water Management, 2019, 7, 49-61.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Exploring a water data, evidence, and governance theory. <i>Water Security</i> , 2018, 4-5, 19-25.	1.2	8
20	High-resolution hydrometeorological data from a network of headwater catchments in the tropical Andes. <i>Scientific Data</i> , 2018, 5, 180080.	2.4	36
21	Participatory Monitoring of the Impact of Watershed Interventions in the Tropical Andes. , 2018, , 127-156.		0
22	Comparative Ground Validation of IMERG and TMPA at Variable Spatiotemporal Scales in the Tropical Andes. <i>Journal of Hydrometeorology</i> , 2017, 18, 2469-2489.	0.7	60
23	Impacts of land use on the hydrological response of tropical Andean catchments. <i>Hydrological Processes</i> , 2016, 30, 4074-4089.	1.1	111
24	Regionalization of land use impacts on streamflow using a network of paired catchments. <i>Water Resources Research</i> , 2016, 52, 6710-6729.	1.7	34
25	Ecosystem Services and Poverty Alleviation (OPEN ACCESS). , 0, , .		14