Germain Esquivel Hernandez

List of Publications by Year
in descending order

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29	541	623734	642732
papers	citations	14 h-index	23 g-index

33	33	33	566
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Key drivers controlling stable isotope variations in daily precipitation of Costa Rica: Caribbean Sea versus Eastern Pacific Ocean moisture sources. Quaternary Science Reviews, 2016, 131, 250-261.	3.0	68
2	Deciphering key processes controlling rainfall isotopic variability during extreme tropical cyclones. Nature Communications, 2019, 10, 4321.	12.8	52
3	Moisture transport and seasonal variations in the stable isotopic composition of rainfall in <scp>Central American</scp> and <scp>Andean PÃ¡ramo</scp> during <scp>El NiÃ±o</scp> conditions (2015â€“2016). Hydrological Processes, 2019, 33, 1802-1817.	2.6	48
4	Spatial and Temporal Variation of Stable Isotopes in Precipitation across Costa Rica: An Analysis of Historic GNIP Records. Open Journal of Modern Hydrology, 2013, 03, 226-240.	1.0	45
5	Tropical precipitation anomalies and d -excess evolution during El NiÃ±o 2014-16. Hydrological Processes, 2017, 31, 956-967.	2.6	44
6	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. Scientific Reports, 2019, 9, 14419.	3.3	40
7	Insight into the stable isotopic composition of glacial lakes in a tropical alpine ecosystem: <scp>C</scp>hirripÃ³, <scp>C</scp>osta <scp>R</scp>ica. Hydrological Processes, 2018, 32, 3588-3603.	2.6	25
8	Isotopic composition in precipitation and groundwater in the northern mountainous region of the Central Valley of Costa Rica. Isotopes in Environmental and Health Studies, 2017, 53, 1-17.	1.0	22
9	Climate and Water Conflicts Coevolution from Tropical Development and Hydroâ€Climatic Perspectives: A Case Study of Costa Rica. Journal of the American Water Resources Association, 2018, 54, 451-470.	2.4	20
10	Characterization of surface water isotope spatial patterns of Scotland. Journal of Geochemical Exploration, 2018, 194, 71-80.	3.2	20
11	Tracer hydrology of the dataâ€scarce and heterogeneous Central American Isthmus. Hydrological Processes, 2020, 34, 2660.	2.6	19
12	Hydroclimatic and ecohydrological resistance/resilience conditions across tropical biomes of <scp>C</scp>osta <scp>R</scp>ica. Ecohydrology, 2017, 10, e1860.	2.4	18
13	Tracing Water Sources and Fluxes in a Dynamic Tropical Environment: From Observations to Modeling. Frontiers in Earth Science, 2020, 8, .	1.8	17
14	DOC Transport and Export in a Dynamic Tropical Catchment. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 1665-1679.	3.0	15
15	A methane sink in the Central American high elevation pÃ¡ramo: Topographic, soil moisture and vegetation effects. Geoderma, 2020, 362, 114092.	5.1	12
16	Hydrogeological responses in tropical mountainous springs. Isotopes in Environmental and Health Studies, 2019, 55, 25-40.	1.0	10
17	From mountains to cities: a novel isotope hydrological assessment of a tropical water distribution system. Isotopes in Environmental and Health Studies, 2020, 56, 606-623.	1.0	10
18	Stable isotopic characterization of nitrate wet deposition in the tropical urban atmosphere of Costa Rica. Environmental Science and Pollution Research, 2021, 28, 67577-67592.	5.3	8

#	Article	IF	Citations
19	GPS Precipitable Water Vapor Estimations over Costa Rica: A Comparison against Atmospheric Sounding and Moderate Resolution Imaging Spectrometer (MODIS). Climate, 2019, 7, 63.	2.8	7
20	Stable isotopes evidence of recycled subduction fluids in the hydrothermal/volcanic activity across Nicaragua and Costa Rica. Journal of Volcanology and Geothermal Research, 2017, 345, 172-183.	2.1	6
21	ChirripÃ³ hydrological research site: Advancing stable isotope hydrology in the Central American PÃ¡ramo. Hydrological Processes, 2021, 35, e14181.	2.6	6
22	Tracking the water fingerprints of Cocos Island: a stable isotope analysis of precipitation, surface water, and groundwater. Revista De Biologia Tropical, 2016, 64, 105.	0.4	6
23	Near Surface Carbon Dioxide and Methane in Urban Areas of Costa Rica. Open Journal of Air Pollution, 2015, 04, 208-223.	1.4	6
24	Isotopic characterization of waters across chile. , 2018, , 205-230.		5
25	Deciphering complex groundwater age distributions and recharge processes in a tropical and fractured volcanic multiâ€aquifer system. Hydrological Processes, 2022, 36, .	2.6	5
26	Isotope composition of carbon dioxide and methane in a tropical urban atmosphere. Isotopes in Environmental and Health Studies, 2020, 56, 624-643.	1.0	3
27	Polymer-liposome nanoparticles obtained by the electrostatic bio-adsorption of natural polymers onto soybean lecithin liposomes. International Journal of Nanoparticles, 2012, 5, 196.	0.3	2
28	Isotopic composition and major ion concentrations of national and international bottled waters in Costa Rica. Data in Brief, 2021, 38, 107277.	1.0	2
29	Lead acid battery recycling in Costa Rica: a case study. , 2012, , .		0