

Germain Esquivel Hernandez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5693510/publications.pdf>

Version: 2024-02-01

29
papers

541
citations

623734

14
h-index

642732

23
g-index

33
all docs

33
docs citations

33
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering complex groundwater age distributions and recharge processes in a tropical and fractured volcanic multi-aquifer system. <i>Hydrological Processes</i> , 2022, 36, .	2.6	5
2	Chirripó hydrological research site: Advancing stable isotope hydrology in the Central American páramo. <i>Hydrological Processes</i> , 2021, 35, e14181.	2.6	6
3	Stable isotopic characterization of nitrate wet deposition in the tropical urban atmosphere of Costa Rica. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67577-67592.	5.3	8
4	Isotopic composition and major ion concentrations of national and international bottled waters in Costa Rica. <i>Data in Brief</i> , 2021, 38, 107277.	1.0	2
5	A methane sink in the Central American high elevation páramo: Topographic, soil moisture and vegetation effects. <i>Geoderma</i> , 2020, 362, 114092.	5.1	12
6	Tracing Water Sources and Fluxes in a Dynamic Tropical Environment: From Observations to Modeling. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	17
7	From mountains to cities: a novel isotope hydrological assessment of a tropical water distribution system. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 606-623.	1.0	10
8	Isotope composition of carbon dioxide and methane in a tropical urban atmosphere. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 624-643.	1.0	3
9	Tracer hydrology of the data-scarce and heterogeneous Central American Isthmus. <i>Hydrological Processes</i> , 2020, 34, 2660.	2.6	19
10	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. <i>Scientific Reports</i> , 2019, 9, 14419.	3.3	40
11	Deciphering key processes controlling rainfall isotopic variability during extreme tropical cyclones. <i>Nature Communications</i> , 2019, 10, 4321.	12.8	52
12	GPS Precipitable Water Vapor Estimations over Costa Rica: A Comparison against Atmospheric Sounding and Moderate Resolution Imaging Spectrometer (MODIS). <i>Climate</i> , 2019, 7, 63.	2.8	7
13	DOC Transport and Export in a Dynamic Tropical Catchment. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1665-1679.	3.0	15
14	Moisture transport and seasonal variations in the stable isotopic composition of rainfall in Central American and Andean páramo during El Niño conditions (2015–2016). <i>Hydrological Processes</i> , 2019, 33, 1802-1817.	2.6	48
15	Hydrogeological responses in tropical mountainous springs. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 25-40.	1.0	10
16	Climate and Water Conflicts Coevolution from Tropical Development and Hydro-climatic Perspectives: A Case Study of Costa Rica. <i>Journal of the American Water Resources Association</i> , 2018, 54, 451-470.	2.4	20
17	Insight into the stable isotopic composition of glacial lakes in a tropical alpine ecosystem: Chirripó, Costa Rica. <i>Hydrological Processes</i> , 2018, 32, 3588-3603.	2.6	25
18	Characterization of surface water isotope spatial patterns of Scotland. <i>Journal of Geochemical Exploration</i> , 2018, 194, 71-80.	3.2	20

#	ARTICLE	IF	CITATIONS
19	Isotopic characterization of waters across Chile. , 2018, , 205-230.		5
20	Isotopic composition in precipitation and groundwater in the northern mountainous region of the Central Valley of Costa Rica. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 1-17.	1.0	22
21	Tropical precipitation anomalies and $\delta^{18}O$ -excess evolution during El Niño 2014-16. <i>Hydrological Processes</i> , 2017, 31, 956-967.	2.6	44
22	Hydroclimatic and ecohydrological resistance/resilience conditions across tropical biomes of Costa Rica. <i>Ecohydrology</i> , 2017, 10, e1860.	2.4	18
23	Stable isotopes evidence of recycled subduction fluids in the hydrothermal/volcanic activity across Nicaragua and Costa Rica. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 345, 172-183.	2.1	6
24	Key drivers controlling stable isotope variations in daily precipitation of Costa Rica: Caribbean Sea versus Eastern Pacific Ocean moisture sources. <i>Quaternary Science Reviews</i> , 2016, 131, 250-261.	3.0	68
25	Tracking the water fingerprints of Cocos Island: a stable isotope analysis of precipitation, surface water, and groundwater. <i>Revista De Biología Tropical</i> , 2016, 64, 105.	0.4	6
26	Near Surface Carbon Dioxide and Methane in Urban Areas of Costa Rica. <i>Open Journal of Air Pollution</i> , 2015, 04, 208-223.	1.4	6
27	Spatial and Temporal Variation of Stable Isotopes in Precipitation across Costa Rica: An Analysis of Historic GNIP Records. <i>Open Journal of Modern Hydrology</i> , 2013, 03, 226-240.	1.0	45
28	Polymer-liposome nanoparticles obtained by the electrostatic bio-adsorption of natural polymers onto soybean lecithin liposomes. <i>International Journal of Nanoparticles</i> , 2012, 5, 196.	0.3	2
29	Lead acid battery recycling in Costa Rica: a case study. , 2012, , .		0