Luis AraguÃ¡s-AraguÃ¡s

List of Publications by Year
in descending order

20 papers	1,797 citations	1040056 9 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	2288 citing authors

#	Article	IF	Citations
1	Isotopic Patterns in Modern Global Precipitation. Geophysical Monograph Series, 0, , 1-36.	0.1	1,208
2	Proportions of convective and stratiform precipitation revealed in water isotope ratios. Nature Geoscience, 2016, 9, 624-629.	12.9	217
3	Stable isotopes in global precipitation: A unified interpretation based on atmospheric moisture residence time. Geophysical Research Letters, 2012, 39, .	4.0	107
4	Continental degassing of 4He by surficial discharge of deep groundwater. Nature Geoscience, 2015, 8, 35-39.	12.9	56
5	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. Scientific Reports, 2019, 9, 14419.	3.3	40
6	Improved <scp>highâ€resolution</scp> global and regionalized isoscapes of <scp>Î´¹⁸O</scp>, <scp>Î´²H</scp> and <scp>dâ€excess</scp> in precipitation. Hydrological Processes, 2021, 35, e14254.	2.6	36
7	A simplified approach to analysing historical and recent tritium data in surface waters. Hydrological Processes, 2015, 29, 572-578.	2.6	25
8	Global Hydrological Isotope Data and Data Networks. , 2010, , 33-50.		18
9	The IAEAâ€™s Coordinated Research Project on â€œEstimation of Groundwater Recharge and Discharge by Using the Tritium, Helium-3 Dating Techniqueâ€: In Lieu of a Preface. Geochemical Journal, 2017, 51, 385-390.	1.0	18
10	Stable isotope fractionations in the evaporation of water: The wind effect. Hydrological Processes, 2020, 34, 3596-3607.	2.6	15
11	The first IAEA inter-laboratory comparison exercise in Latin America and the Caribbean for stable isotope analyses of water samples. Isotopes in Environmental and Health Studies, 2020, 56, 391-401.	1.0	9
12	High spatial resolution prediction of tritium (3H) in contemporary global precipitation. Scientific Reports, 2022, 12, .	3.3	9
13	IAEA Isotope-enabled coupled catchmentâ€“lake water balance model, IWBMIso: description and validation. Isotopes in Environmental and Health Studies, 2016, 52, 427-442.	1.0	8
14	Proficiency testing of 78 international laboratories measuring tritium in environmental waters by decay counting and mass spectrometry for age dating and water resources assessment. Rapid Communications in Mass Spectrometry, 2020, 34, e8832.	1.5	8
15	Using isotope data to characterize and date groundwater in the southern sector of the GuaranÃ-Aquifer System. Isotopes in Environmental and Health Studies, 2020, 56, 533-550.	1.0	7
16	A simple polymer electrolyte membrane system for enrichment of low-level tritium (³H) in environmental water samples. Isotopes in Environmental and Health Studies, 2018, 54, 274-287.	1.0	6
17	Comment on Zhang Y., Ye S., and Wu J. 2011. A modified global model for predicting the tritium distribution in precipitation, 1960â€“2005. Hydrological Processes 25:2379â€“2392. Hydrological Processes, 2013, 27, 1286-1287.	2.6	4
18	Environmental isotope applications in Latin America and the Caribbean region. Isotopes in Environmental and Health Studies, 2020, 56, 387-390.	1.0	3

#	Article	IF	Citations
19	A multi-tracer approach to delineate groundwater dynamics in the Rio Actopan Basin, Veracruz State, Mexico. Hydrogeology Journal, 2016, 24, 1953-1966.	2.1	2
20	Comparative evaluation of 2H- versus 3H-based enrichment factor determination on the uncertainty and accuracy of low-level tritium analyses of environmental waters. Applied Radiation and Isotopes, 2021, 176, 109850.	1.5	1