

Ingrid Y Padilla

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

704
citations

759233

12
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Groundwater flow and transport modeling of karst aquifers, with particular reference to the North Coast Limestone aquifer system of Puerto Rico. <i>Hydrogeology Journal</i> , 2012, 20, 1441-1461.	2.1	207
2	Urinary phthalate metabolite concentrations among pregnant women in Northern Puerto Rico: Distribution, temporal variability, and predictors. <i>Environment International</i> , 2014, 62, 1-11.	10.0	177
3	Equivalent Porous Media (EPM) Simulation of Groundwater Hydraulics and Contaminant Transport in Karst Aquifers. <i>PLoS ONE</i> , 2015, 10, e0138954.	2.5	40
4	Spatiotemporal changes of CVOC concentrations in karst aquifers: Analysis of three decades of data from Puerto Rico. <i>Science of the Total Environment</i> , 2015, 511, 1-10.	8.0	34
5	Hurricanes and the Environmental Justice Island: Irma and Maria in Puerto Rico. <i>Environmental Justice</i> , 2018, 11, 148-153.	1.5	31
6	Impact of Hurricane Maria on Drinking Water Quality in Puerto Rico. <i>Environmental Science & Technology</i> , 2020, 54, 9495-9509.	10.0	26
7	Identification of environmental chemicals targeting miscarriage genes and pathways using the comparative toxicogenomics database. <i>Environmental Research</i> , 2020, 184, 109259.	7.5	25
8	Patterns of temporal scaling of groundwater level fluctuation. <i>Journal of Hydrology</i> , 2016, 536, 485-495.	5.4	23
9	The influence of hydrogeological and anthropogenic variables on phthalate contamination in eogenetic karst groundwater systems. <i>Environmental Pollution</i> , 2018, 237, 298-307.	7.5	22
10	Estimating Preferential Flow in Karstic Aquifers Using Statistical Mixed Models. <i>Ground Water</i> , 2014, 52, 584-596.	1.3	19
11	Pilot-scale expanded assessment of inorganic and organic tapwater exposures and predicted effects in Puerto Rico, USA. <i>Science of the Total Environment</i> , 2021, 788, 147721.	8.0	17
12	HISTORICAL CONTAMINATION OF GROUNDWATER RESOURCES IN THE NORTH COAST KARST AQUIFERS OF PUERTO RICO. <i>Revista Dimension</i> , 2011, 3, 7-12.	0.0	17
13	Sociodemographic patterns of household water-use costs in Puerto Rico. <i>Science of the Total Environment</i> , 2015, 524-525, 300-309.	8.0	12
14	Fate, Transport, and Exposure of Emerging and Legacy Contaminants in Karst Systems: State of Knowledge and Uncertainty. <i>Advances in Karst Science</i> , 2018, , 33-49.	0.3	12
15	Improved regional groundwater flow modeling using drainage features: a case study of the central northern karst aquifer system of Puerto Rico (USA). <i>Hydrogeology Journal</i> , 2016, 24, 1463-1478.	2.1	10
16	Characterization, modeling, and remediation of karst in a changing environment. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	10
17	Spatial-temporal targeted and non-targeted surveys to assess microbiological composition of drinking water in Puerto Rico following Hurricane Maria. <i>Water Research X</i> , 2021, 13, 100123.	6.1	9
18	Simulation of Regional Karst Aquifer System and Assessment of Groundwater Resources in Manatí-Vega Baja, Puerto Rico. <i>Journal of Water Resource and Protection</i> , 2015, 07, 909-922.	0.8	6

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19	Spatiotemporal Response of CVOC Contamination and Remedial Actions in Eogenetic Karst Aquifers. , 2015, , .		4
20	Effect of hydrogeological and anthropogenic factors on the spatial and temporal distribution of CVOCs in the karst system of northern Puerto Rico. Environmental Earth Sciences, 2019, 78, 1.	2.7	2
21	Frequency and time domain measurements using Cross Well Radar to develop testbeds for electromagnetic properties estimation. , 2011, , .		0
22	Bulk Chemistry of Karst Sediment Deposits. , 2018, 2018, 115-120.		0