

Juan Ortiz

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

587
citations

759055

12
h-index

713332

21
g-index

27
all docs

27
docs citations

27
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the 2010–2011 La Niña phenomenon in Colombia, South America: The human toll of an extreme weather event. <i>Applied Geography</i> , 2013, 39, 16-25.	1.7	136
2	Freshwater discharge into the Caribbean Sea from the rivers of Northwestern South America (Colombia): Magnitude, variability and recent changes. <i>Journal of Hydrology</i> , 2014, 509, 266-281.	2.3	68
3	Cold fronts in the Colombian Caribbean Sea and their relationship to extreme wave events. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 2797-2804.	1.5	53
4	Suspended sediment transport in the Magdalena River (Colombia, South America): Hydrologic regime, rating parameters and effective discharge variability. <i>International Journal of Sediment Research</i> , 2016, 31, 25-35.	1.8	51
5	Estuarine and sediment dynamics in a microtidal tropical estuary of high fluvial discharge: Magdalena River (Colombia, South America). <i>Marine Geology</i> , 2018, 398, 86-98.	0.9	34
6	Sediment Transport and Geomorphological Change in a High-Discharge Tropical Delta (Magdalena) <i>Journal of Coastal Research</i> , 2016, 319, 575-589.	0.1	32
7	A wave parameters and directional spectrum analysis for extreme winds. <i>Ocean Engineering</i> , 2013, 67, 100-118.	1.9	31
8	Exposure of the Colombian Caribbean coast, including San Andrés Island, to tropical storms and hurricanes, 1900–2010. <i>Natural Hazards</i> , 2012, 61, 815-827.	1.6	30
9	Construction of synthetic ocean wave series along the Colombian Caribbean Coast: A wave climate analysis. <i>Applied Ocean Research</i> , 2016, 56, 119-131.	1.8	26
10	Storms or cold fronts: what is really responsible for the extreme waves regime in the Colombian Caribbean coastal region?. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 391-401.	1.5	25
11	An Intercomparison of Swan and Wavewatch III Models with Data from NDBC-NOAA Buoys at Oceanic Scales. <i>Coastal Engineering Journal</i> , 2008, 50, 47-73.	0.7	22
12	Investigating the Collapse of the Puerto Colombia Pier (Colombian Caribbean Coast) in March 2009: Methodology for the Reconstruction of Extreme Events and the Evaluation of their Impact on the Coastal Infrastructure. <i>Journal of Coastal Research</i> , 2014, 294, 291-300.	0.1	12
13	Swash Oscillations in a Microtidal Dissipative Beach. <i>Journal of Coastal Research</i> , 2017, 336, 1408-1422.	0.1	12
14	Evaluation of Extreme Waves Associated with Cyclonic Activity on San Andrés Island in the Caribbean Sea since 1900. <i>Journal of Coastal Research</i> , 2015, 313, 557-568.	0.1	10
15	Transporte de sedimentos en suspensión en los principales ríos del Caribe colombiano: magnitud, tendencias y variabilidad. <i>Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales</i> , 2015, 39, 527.	0.0	10
16	Huracanes y tormentas tropicales en el mar Caribe colombiano desde 1900. <i>Boletín Científico CIOH</i> , 2007, , 54-60.	0.2	10
17	Interannual variability of wave climate in the Caribbean Sea. <i>Ocean Dynamics</i> , 2020, 70, 965-976.	0.9	9
18	Severe tornadoes on the Caribbean coast of Colombia since 2001 and their relation to local climate conditions. <i>Natural Hazards</i> , 2012, 64, 1805-1821.	1.6	6

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19	Distribuci3n vertical de sedimentos en suspension en la zona de desembocadura del Rio Magdalena, Colombia. Latin American Journal of Aquatic Research, 2017, 45, 724-736.	0.2	5
20	Experimental analysis of infragravity waves in two eroded microtidal beaches. Acta Oceanologica Sinica, 2017, 36, 31-43.	0.4	2
21	Field Observations of Wave and Current Characteristics on a Microtidal Reflective Beach. Journal of Coastal Research, 2019, 35, 1164.	0.1	2
22	Aplicaci3n de un modelo param3trico de vientos y un modelo de oleaje espectral para el estudio del oleaje m3ximo generado por el hurac3n Lenny, en las costas del Caribe colombiano en 1999. Bolet3n Cient3fico CIOH, 2018, , 29-36.	0.2	1
23	Coastal Meteo-marine Parameters of Hurricane Matthew along the Colombian Caribbean Coast: Establishing a Baseline of Knowledge. Journal of Coastal Research, 2021, 38, .	0.1	0
24	Estudio preliminar del impacto del oleaje de huracanes en la l3nea costera del Departamento del Atl3ntico. Bolet3n Cient3fico CIOH, 2006, , 48-59.	0.2	0
25	Evaluaci3n de la actividad cicl3nica y el impacto del oleaje en la Isla de San Andr3s, desde 1851 hasta 2010. Bolet3n Cient3fico CIOH, 2011, , 8-26.	0.2	0