Christian M Appendini

List of Publications by Year
in descending order

46	685	567281 15	610901 24
papers	citations	h-index	g-index

54	54	54	701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wave Climate and Trends for the Gulf of Mexico: A 30-Yr Wave Hindcast. Journal of Climate, 2014, 27, 1619-1632.	3.2	81
2	Wave energy potential assessment in the Caribbean Low Level Jet using wave hindcast information. Applied Energy, 2015, 137, 375-384.	10.1	68
3	Longshore Sediment Transport on the Northern Coast of the Yucatan Peninsula. Journal of Coastal Research, 2012, 285, 1404-1417.	0.3	54
4	Wave modeling performance in the Gulf of Mexico and Western Caribbean: Wind reanalyses assessment. Applied Ocean Research, 2013, 39, 20-30.	4.1	54
5	Effect of climate change on wind waves generated by anticyclonic cold front intrusions in the Gulf of Mexico. Climate Dynamics, 2018, 51, 3747-3763.	3.8	30
6	Storm characterization and coastal hazards in the Yucatan Peninsula. Journal of Coastal Research, 2013, 65, 790-795.	0.3	27
7	Run-up parameterization and beach vulnerability assessment on a barrier island: a downscaling approach. Natural Hazards and Earth System Sciences, 2016, 16, 167-180.	3.6	26
8	HYDRORECESSION: A Matlab toolbox for streamflow recession analysis. Computers and Geosciences, 2017, 98, 87-92.	4.2	26
9	Storm-wave trends in Mexican waters of the Gulf of Mexico and Caribbean Sea. Natural Hazards and Earth System Sciences, 2017, 17, 1305-1317.	3.6	26
10	Ocean Circulation in the Western Gulf of Mexico Using Selfâ€Organizing Maps. Journal of Geophysical Research: Oceans, 2019, 124, 4152-4167.	2.6	25
11	On the Use of Parametric Wind Models for Wind Wave Modeling under Tropical Cyclones. Water (Switzerland), 2019, 11, 2044.	2.7	24
12	On the Role of Climate Change on Wind Waves Generated by Tropical Cyclones in the Gulf of Mexico. Coastal Engineering Journal, 2017, 59, 1740001-1-1740001-32.	1.9	23
13	Hurricane-induced waves and storm surge modeling for the Mexican coast. Ocean Dynamics, 2015, 65, 1199-1211.	2.2	19
14	Short-Term Shoreline Trend Detection Patterns Using SPOT-5 Image Fusion in the Northwest of Yucatan, Mexico. Estuaries and Coasts, 2019, 42, 1761-1773.	2.2	18
15	Effects of Roughness Loss on Reef Hydrodynamics and Coastal Protection: Approaches in Latin America. Estuaries and Coasts, 2019, 42, 1742-1760.	2.2	18
16	The role of the reefâ€“dune system in coastal protection in Puerto Morelos (Mexico). Natural Hazards and Earth System Sciences, 2018, 18, 1247-1260.	3.6	13
17	Effect of climate change over landfalling hurricanes at the Yucatan Peninsula. Climatic Change, 2019, 157, 469-482.	3.6	13
18	Impact of port development on the northern Yucatan Peninsula coastline. Regional Studies in Marine Science, 2021, 45, 101835.	0.7	12

#	Article	IF	Citations
19	Assessment of coastal flooding and associated hydrodynamic processes on the south-eastern coast of Mexico, during Central American cold surge events. Natural Hazards and Earth System Sciences, 2018, 18, 1681-1701.	3.6	11
20	Rapid assessment tool for oil spill planning and contingencies. Marine Pollution Bulletin, 2021, 166, 112196.	5.0	11
21	Beaching and Natural Removal Dynamics of Pelagic Sargassum in a Fringingâ€Reef Lagoon. Journal of Geophysical Research: Oceans, 2021, 126, .	2.6	11
22	Spatiotemporal Storm Impact on the Northern Yucatan Coast during Hurricanes and Central American Cold Surge Events. Journal of Marine Science and Engineering, 2020, 8, 2.	2.6	10
23	Oceanic and atmospheric impact of central American cold surges (Nortes) in the Gulf of Mexico. International Journal of Climatology, 2021, 41, E1450.	3.5	10
24	Sea-land breeze diurnal component and its interaction with a cold front on the coast of Sisal, Yucatan: A case study. Atmospheric Research, 2020, 244, 105051.	4.1	9
25	Assessing Different Flood Risk and Damage Approaches: A Case of Study in Progreso, Yucatan, Mexico. Journal of Marine Science and Engineering, 2020, 8, 137.	2.6	9
26	Hurricane Flood Hazard Assessment for the Archipelago of San Andres, Providencia and Santa Catalina, Colombia. Frontiers in Marine Science, 2021, 8, .	2.5	8
27	Unfathomable: The shifting sand of wave base. Journal of Sedimentary Research, 2022, 92, 95-111.	1.6	7
28	CHRONIC BEACH EROSION INDUCED BY COASTAL STRUCTURES IN CHELEM, YUCATÃN. Coastal Engineering Proceedings, 2012, , 125.	0.1	6
29	Hydrodynamic influences on sedimentology and geomorphology of nearshore parts of carbonate ramps: Holocene, NE YucatÃ¡n Shelf, Mexico. Journal of Sedimentary Research, 2021, 91, 1040-1066.	1.6	6
30	On the use of synthetic tropical cyclones and hypothetical events for storm surge assessment under climate change. Natural Hazards, 2021, 105, 431-459.	3.4	6
31	Storm surge at a western Gulf of Mexico site: variations on Tropical Storm Arlene. International Journal of River Basin Management, 2014, 12, 403-410.	2.7	4
32	Numerical Modelling of Morphological Changes due to Shoreface Nourishment. , 2001, , 878.		3
33	Assessing Coastal Vulnerability in Yucatan (Mexico). , 2016, , .		3
34	ALTWAVE: Toolbox for use of satellite L2P altimeter data for wave model validation. Advances in Space Research, 2016, 57, 1426-1439.	2.6	3
35	Operational Hazard Assessment of Waves and Storm Surges from Tropical Cyclones in Mexico. Bulletin of the American Meteorological Society, 2017, 98, 503-515.	3.3	3
36	An Engineering Approach for Modeling Hurricane Extreme Waves Using Analytical and Numerical Tools. , 2012, , .		1

#	Article	IF	Citations
37	The Role of Beach Morphology and Mid-Century Climate Change Effects on Wave Runup and Storm Impact on the Northern Yucatan Coast. Journal of Marine Science and Engineering, 2021, 9, 518.	2.6	1
38	Wave Setup in Inlets: Some Practical Considerations. , 2007, , .		1
39	INTERACTION OF TSUNAMIS AND TROPICAL CYCLONES. , 2015, , .		1
40	EVALUACIÃ“N DE ÃREAS SUSCEPTIBLES A LA INUNDACIÃ“N POR MAREA DE TORMENTA GENERADA POR HURACANES EN EL ARCHIPIÃ‰LAGO DE SAN ANDRÃ‰S, PROVIDENCIA Y SANTA CATALINA, COLOMBIA. BoletÃn CientÃfico CIOH, 2020, 38, .	0.1	1
41	BEACH NOURISHMENT IN CUNIT, SPAIN: SHIFTING FROM HARD TO SOFT PROTECTION. , 2007, , .		0
42	EvaluaciÃ³n de la marea de tormenta en sitios con escasez de datos: rÃo PÃ¡nuco, MÃ©xico. Ribagua, 2015, 2, 61-70.	0.3	0
43	BEACH RE-NOURISHMENT AT PLAYA DE VILLANANITOS, SPAIN. , 2005, , .		0
44	SUPERIMPOSED PROCESSES CREATING A COMPLEX EROSIONAL AREA AT THE SOUTH ATLANTIC COAST OF SPAIN. , 2005, , .		0
45	DeterminaciÃ³n de la vida Ãºtil de una protecciÃ³n costera a travÃ©s de la interacciÃ³n oleaje-estructura. Tecnologia Y Ciencias Del Agua, 2018, 09, 01-24.	0.3	0
46	SEDIMENT TRANSPORT AND CLIMATE CHANGE IN NORTHERN YUCATAN. , 2019, , .		0