

Christian M Appendini

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

685
citations

567281

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610901

24
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54
all docs

54
docs citations

54
times ranked

701
citing authors

#	ARTICLE	IF	CITATIONS
1	Unfathomable: The shifting sand of wave base. <i>Journal of Sedimentary Research</i> , 2022, 92, 95-111.	1.6	7
2	Oceanic and atmospheric impact of central American cold surges (Nortes) in the Gulf of Mexico. <i>International Journal of Climatology</i> , 2021, 41, E1450.	3.5	10
3	Rapid assessment tool for oil spill planning and contingencies. <i>Marine Pollution Bulletin</i> , 2021, 166, 112196.	5.0	11
4	The Role of Beach Morphology and Mid-Century Climate Change Effects on Wave Runup and Storm Impact on the Northern Yucatan Coast. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 518.	2.6	1
5	Impact of port development on the northern Yucatan Peninsula coastline. <i>Regional Studies in Marine Science</i> , 2021, 45, 101835.	0.7	12
6	Hydrodynamic influences on sedimentology and geomorphology of nearshore parts of carbonate ramps: Holocene, NE Yucatán Shelf, Mexico. <i>Journal of Sedimentary Research</i> , 2021, 91, 1040-1066.	1.6	6
7	Beaching and Natural Removal Dynamics of Pelagic Sargassum in a Fringing Reef Lagoon. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, .	2.6	11
8	On the use of synthetic tropical cyclones and hypothetical events for storm surge assessment under climate change. <i>Natural Hazards</i> , 2021, 105, 431-459.	3.4	6
9	Hurricane Flood Hazard Assessment for the Archipelago of San Andres, Providencia and Santa Catalina, Colombia. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	8
10	Sea-land breeze diurnal component and its interaction with a cold front on the coast of Sisal, Yucatan: A case study. <i>Atmospheric Research</i> , 2020, 244, 105051.	4.1	9
11	Assessing Different Flood Risk and Damage Approaches: A Case of Study in Progreso, Yucatan, Mexico. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 137.	2.6	9
12	Spatiotemporal Storm Impact on the Northern Yucatan Coast during Hurricanes and Central American Cold Surge Events. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 2.	2.6	10
13	EVALUACIÓN DE ÁREAS SUSCEPTIBLES A LA INUNDACIÓN POR MAREA DE TORMENTA GENERADA POR HURACANES EN EL ARCHIPIÉLAGO DE SAN ANDRÉS, PROVIDENCIA Y SANTA CATALINA, COLOMBIA. <i>Boletín Científico CIOH</i> , 2020, 38, .	0.1	1
14	Effect of climate change over landfalling hurricanes at the Yucatan Peninsula. <i>Climatic Change</i> , 2019, 157, 469-482.	3.6	13
15	On the Use of Parametric Wind Models for Wind Wave Modeling under Tropical Cyclones. <i>Water (Switzerland)</i> , 2019, 11, 2044.	2.7	24
16	Short-Term Shoreline Trend Detection Patterns Using SPOT-5 Image Fusion in the Northwest of Yucatan, Mexico. <i>Estuaries and Coasts</i> , 2019, 42, 1761-1773.	2.2	18
17	Effects of Roughness Loss on Reef Hydrodynamics and Coastal Protection: Approaches in Latin America. <i>Estuaries and Coasts</i> , 2019, 42, 1742-1760.	2.2	18
18	Ocean Circulation in the Western Gulf of Mexico Using Self-Organizing Maps. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4152-4167.	2.6	25

#	ARTICLE	IF	CITATIONS
19	SEDIMENT TRANSPORT AND CLIMATE CHANGE IN NORTHERN YUCATAN. , 2019, , .		0
20	Effect of climate change on wind waves generated by anticyclonic cold front intrusions in the Gulf of Mexico. <i>Climate Dynamics</i> , 2018, 51, 3747-3763.	3.8	30
21	Assessment of coastal flooding and associated hydrodynamic processes on the south-eastern coast of Mexico, during Central American cold surge events. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 1681-1701.	3.6	11
22	The role of the reefâ€dune system in coastal protection in Puerto Morelos (Mexico). <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 1247-1260.	3.6	13
23	Determinaci3n de la vida 3til de una protecci3n costera a trav3s de la interacci3n oleaje-estructura. <i>Tecnolog3a Y Ciencias Del Agua</i> , 2018, 09, 01-24.	0.3	0
24	Operational Hazard Assessment of Waves and Storm Surges from Tropical Cyclones in Mexico. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 503-515.	3.3	3
25	On the Role of Climate Change on Wind Waves Generated by Tropical Cyclones in the Gulf of Mexico. <i>Coastal Engineering Journal</i> , 2017, 59, 1740001-1-1740001-32.	1.9	23
26	HYDRORECESSION: A Matlab toolbox for streamflow recession analysis. <i>Computers and Geosciences</i> , 2017, 98, 87-92.	4.2	26
27	Storm-wave trends in Mexican waters of the Gulf of Mexico and Caribbean Sea. <i>Natural Hazards and Earth System Sciences</i> , 2017, 17, 1305-1317.	3.6	26
28	Run-up parameterization and beach vulnerability assessment on a barrier island: a downscaling approach. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 167-180.	3.6	26
29	Assessing Coastal Vulnerability in Yucatan (Mexico). , 2016, , .		3
30	ALTWAVE: Toolbox for use of satellite L2P altimeter data for wave model validation. <i>Advances in Space Research</i> , 2016, 57, 1426-1439.	2.6	3
31	Hurricane-induced waves and storm surge modeling for the Mexican coast. <i>Ocean Dynamics</i> , 2015, 65, 1199-1211.	2.2	19
32	Evaluaci3n de la marea de tormenta en sitios con escasez de datos: r3o P3nuco, M3xico. <i>Ribagua</i> , 2015, 2, 61-70.	0.3	0
33	Wave energy potential assessment in the Caribbean Low Level Jet using wave hindcast information. <i>Applied Energy</i> , 2015, 137, 375-384.	10.1	68
34	INTERACTION OF TSUNAMIS AND TROPICAL CYCLONES. , 2015, , .		1
35	Storm surge at a western Gulf of Mexico site: variations on Tropical Storm Arlene. <i>International Journal of River Basin Management</i> , 2014, 12, 403-410.	2.7	4
36	Wave Climate and Trends for the Gulf of Mexico: A 30-Yr Wave Hindcast. <i>Journal of Climate</i> , 2014, 27, 1619-1632.	3.2	81

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37	Wave modeling performance in the Gulf of Mexico and Western Caribbean: Wind reanalyses assessment. Applied Ocean Research, 2013, 39, 20-30.	4.1	54
38	Storm characterization and coastal hazards in the Yucatan Peninsula. Journal of Coastal Research, 2013, 65, 790-795.	0.3	27
39	Longshore Sediment Transport on the Northern Coast of the Yucatan Peninsula. Journal of Coastal Research, 2012, 285, 1404-1417.	0.3	54
40	An Engineering Approach for Modeling Hurricane Extreme Waves Using Analytical and Numerical Tools. , 2012, , .		1
41	CHRONIC BEACH EROSION INDUCED BY COASTAL STRUCTURES IN CHELEM, YUCATÁN. Coastal Engineering Proceedings, 2012, , 125.	0.1	6
42	BEACH NOURISHMENT IN CUNIT, SPAIN: SHIFTING FROM HARD TO SOFT PROTECTION. , 2007, , .		0
43	Wave Setup in Inlets: Some Practical Considerations. , 2007, , .		1
44	BEACH RE-NOURISHMENT AT PLAYA DE VILLANANITOS, SPAIN. , 2005, , .		0
45	SUPERIMPOSED PROCESSES CREATING A COMPLEX EROSIONAL AREA AT THE SOUTH ATLANTIC COAST OF SPAIN. , 2005, , .		0
46	Numerical Modelling of Morphological Changes due to Shoreface Nourishment. , 2001, , 878.		3