Laura Carrillo

List of Publications by Year
in descending order

33 papers	595 citations	623734 14 h-index	610901 24 g-index
34 all docs	34 docs citations	34 times ranked	654 citing authors

#	Article	IF	Citations
1	Marine heatwaves and marine cold-spells on the Yucatan Shelf-break upwelling region. Continental Shelf Research, 2022, 239, 104707.	1.8	2
2	Hyperiid amphipod vertical distribution and community structure in the upper 100 m of the northwestern Caribbean Sea. Bulletin of Marine Science, 2021, , .	0.8	2
3	Spatial and seasonal variations in surface water temperature and salinity in the Mexicoâ€Belize riverine estuary: Possible comfort conditions for manatees?. Marine Mammal Science, 2021, 37, 1454-1474.	1.8	4
4	Metamorphosis of spiny lobsters (Panulirus argus and Panulirus guttatus) in the Yucatan Current as inferred from the distribution of pueruli and final stage phyllosomata. Limnology and Oceanography, 2021, 66, 3421-3438.	3.1	1
5	Assessment of marine energy-biotopes for Cozumel Island's reefs: A resource for tourism and renewable ocean energy. Ocean and Coastal Management, 2021, 210, 105701.	4.4	4
6	Water quality in the eastern karst region of the Yucatan Peninsula: nutrients and stable nitrogen isotopes in turtle grass, Thalassia testudinum. Environmental Science and Pollution Research, 2020, 27, 15967-15983.	5.3	25
7	The Environmental Regime for Climate Change and the Effects of Climatic Variability on Maya Livelihoods in Quintana Roo, Mexico. , 2020, , 159-184.		0
8	Horizontal and vertical distribution of cephalopod paralarvae in the Mesoamerican Barrier Reef System. Journal of the Marine Biological Association of the United Kingdom, 2020, 100, 927-937.	0.8	6
9	Retention and dispersion of virtual fish larvae in the Mesoamerican Reef. Regional Studies in Marine Science, 2020, 37, 101350.	0.7	2
10	Early life ecology of the invasive lionfish (Pterois spp.) in the western Atlantic. PLoS ONE, 2020, 15, e0243138.	2.5	2
11	Gene flow between subpopulations of gray snapper (Lutjanus griseus) from the Caribbean and Gulf of Mexico. PeerJ, 2020, 8, e8485.	2.0	5
12	Genetic structure of Mexican lionfish populations in the southwest Gulf of Mexico and the Caribbean Sea. PLoS ONE, 2019, 14, e0222997.	2.5	6
13	Experimental validation of a cohesive suspended sediment transport model for two Mexican rivers. Environmental Systems Research, 2019, 8, .	3.7	1
14	Energy Yield Assessment from Ocean Currents in the Insular Shelf of Cozumel Island. Journal of Marine Science and Engineering, 2019, 7, 147.	2.6	27
15	Potential connectivity between marine protected areas in the Mesoamerican Reef for two species of virtual fish larvae: Lutjanus analis and Epinephelus striatus. Ecological Indicators, 2019, 102, 10-20.	6.3	17
16	Dam implications on salt-water intrusion and land use within a tropical estuarine environment of the Gulf of Mexico. Science of the Total Environment, 2019, 652, 1102-1112.	8.0	28
17	Temporal changes in the hydrology and nutrient concentrations of a large tropical river: <scp>A</scp>nthropogenic influence in the <scp>L</scp>ower <scp>G</scp>rijalva <scp>R</scp>iver, <scp>M</scp>exico. River Research and Applications, 2018, 34, 649-660.	1.7	13
18	Linking oceanographic processes and marine resources in the western Caribbean Sea Large Marine Ecosystem Subarea. Environmental Development, 2017, 22, 84-96.	4.1	19

#	Article	IF	Citations
19	To be a scientist in Mexicoâ€¦ or not to be?. Lancet, The, 2017, 390, 2434.	13.7	3
20	Pathways and hydrography in the Mesoamerican Barrier Reef System Part 2: Water masses and thermohaline structure. Continental Shelf Research, 2016, 120, 41-58.	1.8	33
21	Distribution and abundance of <I>Panulirus</I> spp. phyllosomas off the Mexican Caribbean coast. Bulletin of Marine Science, 2016, 92, 207-227.	0.8	7
22	Identifying pelagic fish eggs in the southeast Yucatan Peninsula using DNA barcodes. Genome, 2016, 59, 1117-1129.	2.0	22
23	Pathways and Hydrography in the Mesoamerican Barrier Reef System Part 1: Circulation. Continental Shelf Research, 2015, 109, 164-176.	1.8	52
24	Larval fish assemblages and mesoscale oceanographic structure along the <scp>M</scp>esoamerican <scp>B</scp>arrier <scp>R</scp>eef <scp>S</scp>ystem. Fisheries Oceanography, 2013, 22, 409-428.	1.7	29
25	First larval record of Pterois volitans (Pisces: Scorpaenidae) collected from the ichthyoplankton in the Atlantic. Biological Invasions, 2011, 13, 2635-2640.	2.4	15
26	Seasonality and anomalies of sea surface temperature off the coast of Nayarit, Mexico. Ocean Dynamics, 2010, 60, 81-91.	2.2	19
27	Spatial and Seasonal Patterns of Salinity in a Large and Shallow Tropical Estuary of the Western Caribbean. Estuaries and Coasts, 2009, 32, 906-916.	2.2	26
28	Multiscale variability of the Chaetognatha along a Caribbean reef lagoon system. Marine Ecology - Progress Series, 2009, 375, 151-160.	1.9	3
29	Hydrography and circulation in the Northern Gulf of California during winter of 1994â€“1995. Continental Shelf Research, 2006, 26, 82-103.	1.8	4
30	Detiding ADCP Data in a Highly Variable Shelf Sea: The Celtic Sea. Journal of Atmospheric and Oceanic Technology, 2005, 22, 84-97.	1.3	14
31	Observations of the physical structure and seasonal jet-like circulation of the Celtic Sea and St. George's Channel of the Irish Sea. Continental Shelf Research, 2003, 23, 533-561.	1.8	88
32	Seasonal Evolution of the Geostrophic Circulation in the Northern Gulf of California. Estuarine, Coastal and Shelf Science, 2002, 54, 157-173.	2.1	46
33	Lagrangian Observations of the Circulation in the Northern Gulf of California. Journal of Physical Oceanography, 1997, 27, 2298-2305.	1.7	70