

# Laura Carrillo

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Observations of the physical structure and seasonal jet-like circulation of the Celtic Sea and St. George's Channel of the Irish Sea. <i>Continental Shelf Research</i> , 2003, 23, 533-561.	1.8	88
2	Lagrangian Observations of the Circulation in the Northern Gulf of California. <i>Journal of Physical Oceanography</i> , 1997, 27, 2298-2305.	1.7	70
3	Pathways and Hydrography in the Mesoamerican Barrier Reef System Part 1: Circulation. <i>Continental Shelf Research</i> , 2015, 109, 164-176.	1.8	52
4	Seasonal Evolution of the Geostrophic Circulation in the Northern Gulf of California. <i>Estuarine, Coastal and Shelf Science</i> , 2002, 54, 157-173.	2.1	46
5	Pathways and hydrography in the Mesoamerican Barrier Reef System Part 2: Water masses and thermohaline structure. <i>Continental Shelf Research</i> , 2016, 120, 41-58.	1.8	33
6	Larval fish assemblages and mesoscale oceanographic structure along the Mesoamerican Barrier Reef System. <i>Fisheries Oceanography</i> , 2013, 22, 409-428.	1.7	29
7	Dam implications on salt-water intrusion and land use within a tropical estuarine environment of the Gulf of Mexico. <i>Science of the Total Environment</i> , 2019, 652, 1102-1112.	8.0	28
8	Energy Yield Assessment from Ocean Currents in the Insular Shelf of Cozumel Island. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 147.	2.6	27
9	Spatial and Seasonal Patterns of Salinity in a Large and Shallow Tropical Estuary of the Western Caribbean. <i>Estuaries and Coasts</i> , 2009, 32, 906-916.	2.2	26
10	Water quality in the eastern karst region of the Yucatan Peninsula: nutrients and stable nitrogen isotopes in turtle grass, <i>Thalassia testudinum</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 15967-15983.	5.3	25
11	Identifying pelagic fish eggs in the southeast Yucatan Peninsula using DNA barcodes. <i>Genome</i> , 2016, 59, 1117-1129.	2.0	22
12	Seasonality and anomalies of sea surface temperature off the coast of Nayarit, Mexico. <i>Ocean Dynamics</i> , 2010, 60, 81-91.	2.2	19
13	Linking oceanographic processes and marine resources in the western Caribbean Sea Large Marine Ecosystem Subarea. <i>Environmental Development</i> , 2017, 22, 84-96.	4.1	19
14	Potential connectivity between marine protected areas in the Mesoamerican Reef for two species of virtual fish larvae: <i>Lutjanus analis</i> and <i>Epinephelus striatus</i> . <i>Ecological Indicators</i> , 2019, 102, 10-20.	6.3	17
15	First larval record of <i>Pterois volitans</i> (Pisces: Scorpaenidae) collected from the ichthyoplankton in the Atlantic. <i>Biological Invasions</i> , 2011, 13, 2635-2640.	2.4	15
16	Detiding ADCP Data in a Highly Variable Shelf Sea: The Celtic Sea. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005, 22, 84-97.	1.3	14
17	Temporal changes in the hydrology and nutrient concentrations of a large tropical river: Anthropogenic influence in the Lower Grijalva River, Mexico. <i>River Research and Applications</i> , 2018, 34, 649-660.	1.7	13
18	Distribution and abundance of <i>Panulirus</i> spp. phyllosomas off the Mexican Caribbean coast. <i>Bulletin of Marine Science</i> , 2016, 92, 207-227.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Genetic structure of Mexican lionfish populations in the southwest Gulf of Mexico and the Caribbean Sea. PLoS ONE, 2019, 14, e0222997.	2.5	6
20	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
21	Gene flow between subpopulations of gray snapper ( <i>Lutjanus griseus</i> ) from the Caribbean and Gulf of Mexico. PeerJ, 2020, 8, e8485.	2.0	5
22	Hydrography and circulation in the Northern Gulf of California during winter of 1994–1995. Continental Shelf Research, 2006, 26, 82-103.	1.8	4
23	Spatial and seasonal variations in surface water temperature and salinity in the Mexico–Belize riverine estuary: Possible comfort conditions for manatees?. Marine Mammal Science, 2021, 37, 1454-1474.	1.8	4
24	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
25	To be a scientist in Mexico or not to be?. Lancet, The, 2017, 390, 2434.	13.7	3
26	Multiscale variability of the Chaetognatha along a Caribbean reef lagoon system. Marine Ecology - Progress Series, 2009, 375, 151-160.	1.9	3
27	Retention and dispersion of virtual fish larvae in the Mesoamerican Reef. Regional Studies in Marine Science, 2020, 37, 101350.	0.7	2
28	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
29	Early life ecology of the invasive lionfish ( <i>Pterois</i> spp.) in the western Atlantic. PLoS ONE, 2020, 15, e0243138.	2.5	2
30	Marine heatwaves and marine cold-spells on the Yucatan Shelf-break upwelling region. Continental Shelf Research, 2022, 239, 104707.	1.8	2
31	Experimental validation of a cohesive suspended sediment transport model for two Mexican rivers. Environmental Systems Research, 2019, 8, .	3.7	1
32	Metamorphosis of spiny lobsters ( <i>Panulirus argus</i> and <i>Panulirus guttatus</i> ) 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
33	The Environmental Regime for Climate Change and the Effects of Climatic Variability on Maya Livelihoods in Quintana Roo, Mexico. , 2020, , 159-184.		0