

# Julio Candela

## List of Publications by Year in descending order

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74  
papers

3,698  
citations

136740

32  
h-index

138251

58  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2898  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observing meteotsunamis (Marrobbio) on the southwestern coast of Sicily. <i>Natural Hazards</i> , 2021, 106, 1337-1363.	1.6	8
2	Deep-Water Warming in the Gulf of Mexico from 2003 to 2019. <i>Journal of Physical Oceanography</i> , 2021, 51, 1021-1035.	0.7	6
3	In-Stream Tidal Energy Resources in Macrotidal Non-Cohesive Sediment Environments: Effect of Morphodynamic Changes at Two Bays in the Upper Gulf of California. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 411.	1.2	1
4	Diel, lunar and seasonal vertical migration in the deep western Gulf of Mexico evidenced from a long-term data series of acoustic backscatter. <i>Progress in Oceanography</i> , 2021, 195, 102562.	1.5	5
5	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. <i>Limnology and Oceanography</i> , 2021, 66, 3421-3438.	1.6	1
6	Tidal currents at the sills of the Northern Gulf of California. <i>Continental Shelf Research</i> , 2021, 227, 104513.	0.9	2
7	Seasonal Variability of the Transport through the Yucatan Channel from Observations. <i>Journal of Physical Oceanography</i> , 2020, 50, 343-360.	0.7	16
8	Eddy viscosity from bottom Ekman veering profiles. <i>Continental Shelf Research</i> , 2020, 204, 104170.	0.9	3
9	In-Stream Energy by Tidal and Wind-Driven Currents: An Analysis for the Gulf of California. <i>Energies</i> , 2020, 13, 1095.	1.6	4
10	Assessment of Numerical Simulations of Deep Circulation and Variability in the Gulf of Mexico Using Recent Observations. <i>Journal of Physical Oceanography</i> , 2020, 50, 1045-1064.	0.7	20
11	Currents and Mixing in the San Lorenzo Overflow, Northern Gulf of California. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1339-1353.	1.0	3
12	Near-Surface and Deep Circulation Coupling in the Western Gulf of Mexico. <i>Journal of Physical Oceanography</i> , 2018, 48, 145-161.	0.7	31
13	Dominant Circulation Patterns of the Deep Gulf of Mexico. <i>Journal of Physical Oceanography</i> , 2018, 48, 511-529.	0.7	37
14	Nearshore circulation on a sea breeze dominated beach during intense wind events. <i>Continental Shelf Research</i> , 2017, 151, 40-52.	0.9	23
15	Seasonal cycle of near-bottom transport and currents in the northern Gulf of California. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 8621-8634.	1.0	2
16	Trapping of the near-inertial wave wakes of two consecutive hurricanes in the Loop Current. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7431-7454.	1.0	16
17	Structure and variability of the Yucatan and loop currents along the slope and shelf break of the Yucatan channel and Campeche bank. <i>Dynamics of Atmospheres and Oceans</i> , 2016, 76, 217-239.	0.7	39
18	Mooring observations of the near-inertial wave wake of Hurricane Ida (2009). <i>Dynamics of Atmospheres and Oceans</i> , 2016, 76, 325-344.	0.7	11

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19	Loop Current Frontal Eddies: Formation along the Campeche Bank and Impact of Coastally Trapped Waves. <i>Journal of Physical Oceanography</i> , 2016, 46, 3339-3363.	0.7	42
20	Seasonal variability of saltwater intrusion at a point-source submarine groundwater discharge. <i>Limnology and Oceanography</i> , 2016, 61, 1245-1258.	1.6	18
21	Interannual variability in the Yucatan Channel flow. <i>Geophysical Research Letters</i> , 2015, 42, 1496-1503.	1.5	26
22	Effect of coastal-trapped waves and wind on currents and transport in the Gulf of California. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 5123-5139.	1.0	12
23	Direct observations of the upper layer circulation in the southern Gulf of Mexico. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 85, 182-194.	0.6	49
24	Diel and lunar cycles of vertical migration extending to below 1000 m in the ocean and the vertical connectivity of depth-tiered populations. <i>Limnology and Oceanography</i> , 2013, 58, 1207-1214.	1.6	33
25	Impact of Caribbean cyclones on the detachment of Loop Current anticyclones. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
26	Seasonal and Interannual Modulation of the Eddy Kinetic Energy in the Caribbean Sea. <i>Journal of Physical Oceanography</i> , 2012, 42, 2041-2055.	0.7	36
27	Observations of intermittent deep currents and eddies in the Gulf of Mexico. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
28	Wave-induced extreme water levels in the Puerto Morelos fringing reef lagoon. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 3765-3773.	1.5	50
29	Deep Currents in the Bay of Campeche. <i>Journal of Physical Oceanography</i> , 2011, 41, 1902-1920.	0.7	14
30	Circulation over the continental shelf of the western and southwestern Gulf of Mexico. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
31	Yucatan Current variability through the Cozumel and Yucatan channels. <i>Ciencias Marinas</i> , 2011, 37, 471-492.	0.4	26
32	Two overflows in the Northern Gulf of California. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	16
33	Assessment of Genetic Diversity of the Eastern Oyster <i>Crassostrea virginica</i> in Veracruz, Mexico Using Microsatellite Markers. <i>Journal of Shellfish Research</i> , 2008, 27, 721-727.	0.3	11
34	Postlarval settlement of the spiny lobster <i>Panulirus argus</i> along the Caribbean coast of Mexico: Patterns, influence of physical factors, and possible sources of origin. <i>Limnology and Oceanography</i> , 2008, 53, 970-985.	1.6	52
35	Vertical Velocity and Vertical Heat Flux Observed within Loop Current Eddies in the Central Gulf of Mexico. <i>Journal of Physical Oceanography</i> , 2008, 38, 2461-2481.	0.7	15
36	On the circulation in the Puerto Morelos fringing reef lagoon. <i>Coral Reefs</i> , 2007, 26, 149-163.	0.9	109

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37	Tidal currents in the Yucatan Channel. <i>Geofisica International</i> , 2007, 46, 199-209.	0.2	7
38	Circulation along the Mexican Caribbean coast. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	35
39	Why does the Ballenas Channel have the coldest SST in the Gulf of California?. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	37
40	Large warming and salinification of the Mediterranean outflow due to changes in its composition. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 656-666.	0.6	137
41	Fortnightly and monthly variability of the exchange through the Strait of Gibraltar. <i>Progress in Oceanography</i> , 2006, 70, 466-485.	1.5	30
42	Detiding ADCP Data in a Highly Variable Shelf Sea: The Celtic Sea. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005, 22, 84-97.	0.5	14
43	Ageostrophic fluctuations in Cozumel Channel. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	13
44	Near-inertial and tidal currents detected with a vessel-mounted acoustic Doppler current profiler in the western Mediterranean Sea. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	9
45	Subinertial flows and transports in Cozumel Channel. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	26
46	Analysis of flow variability in the Yucatan Channel. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	54
47	Yucatan Channel flow: Observations versus CLIPPER ATL6 and MERCATOR PAM models. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	64
48	Deep flows in the Yucatan Channel and their relation to changes in the Loop Current extension. <i>Journal of Geophysical Research</i> , 2002, 107, 26-1-26-7.	3.3	74
49	The potential vorticity flux through the Yucatan Channel and the Loop Current in the Gulf of Mexico. <i>Geophysical Research Letters</i> , 2002, 29, 16-1-16-4.	1.5	79
50	Flow structure and transport in the Yucatan Channel. <i>Geophysical Research Letters</i> , 2002, 29, 10-1.	1.5	158
51	Transport estimates in the Strait of Gibraltar with a tidal inverse model. <i>Journal of Geophysical Research</i> , 2001, 106, 31033-31044.	3.3	78
52	Chapter 5.7 Mediterranean water and global circulation. <i>International Geophysics</i> , 2001, 77, 419-XLVIII.	0.6	49
53	Geostrophy via potential vorticity inversion in the Yucatan Channel. <i>Journal of Marine Research</i> , 2001, 59, 725-747.	0.3	73
54	Tide at the eastern section of the Strait of Gibraltar. <i>Journal of Geophysical Research</i> , 2000, 105, 14197-14213.	3.3	98

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55	The role of straits and channels in understanding the characteristics of Mediterranean circulation. Progress in Oceanography, 1999, 44, 65-108.	1.5	247
56	The "Mad Sea" Phenomenon in the Strait of Sicily. Journal of Physical Oceanography, 1999, 29, 2210-2231.	0.7	59
57	Annual Cycle and Variability of the North Brazil Current. Journal of Physical Oceanography, 1998, 28, 103-128.	0.7	221
58	Physical oceanography of the Amazon shelf. Continental Shelf Research, 1996, 16, 575-616.	0.9	192
59	The M2 tide on the Amazon Shelf. Journal of Geophysical Research, 1995, 100, 2283.	3.3	124
60	Lagrangian flow observations of the Amazon River discharge into the North Atlantic. Journal of Geophysical Research, 1995, 100, 2401.	3.3	45
61	Exchange through the Strait of Gibraltar. Progress in Oceanography, 1994, 33, 201-248.	1.5	320
62	Barotropic response of the western Mediterranean to observed atmospheric pressure forcing. Coastal and Estuarine Studies, 1994, , 325-359.	0.4	16
63	An Estimate of the Net Heat Transport Through the Strait of Gibraltar. Coastal and Estuarine Studies, 1994, , 13-32.	0.4	39
64	Separation of tidal and subtidal currents in ship-mounted acoustic Doppler current profiler observations. Journal of Geophysical Research, 1992, 97, 769-788.	3.3	132
65	The Gibraltar Strait and its role in the dynamics of the Mediterranean Sea. Dynamics of Atmospheres and Oceans, 1991, 15, 267-299.	0.7	67
66	The Physical Oceanography of the Amazon Outflow. Oceanography, 1991, 4, 8-14.	0.5	69
67	Removing tides from ship-mounted ADCP data, with application to the Yellow Sea. , 1990, , .		12
68	Tides in the Strait of Gibraltar. Journal of Geophysical Research, 1990, 95, 7313-7335.	3.3	112
69	The Barotropic Tide in the Strait of Gibraltar. , 1990, , 457-475.		4
70	Meteorologically forced subinertial flows through the Strait of Gibraltar. Journal of Geophysical Research, 1989, 94, 12667-12679.	3.3	154
71	Structure of the currents measured across a section of Johnstone Strait, Canada. Continental Shelf Research, 1989, 9, 1-17.	0.9	2
72	Tides and currents in Fury and Hecla Strait. Estuarine, Coastal and Shelf Science, 1987, 24, 513-525.	0.9	7

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73	On the feasibility of detecting net transports in and out of Georgia strait with an array of current meters. Atmosphere - Ocean, 1981, 19, 148-157.	0.6	8
74	An analysis and interpretation of the current data collected in the strait of Juan de Fuca in 1973. Marine Geodesy, 1981, 5, 273-302.	0.9	16