CÃ©sar GonzÃ¡lez-Pola

List of Publications by Year
in descending order

49 papers	1,339 citations	361045 20 h-index	360668 35 g-index
52 all docs	52 docs citations	52 times ranked	1962 citing authors

#	Article	IF	Citations
1	Persistent, Depthâ€intensified Mixing During The Western Mediterranean Transition's Initial Stages. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016535.	1.0	0
2	Three decades of continuous ocean observations in North Atlantic Spanish waters: The RADIALES time series project, context, achievements and challenges. Progress in Oceanography, 2021, 198, 102671.	1.5	10
3	On the seasonality of waters below the seasonal thermocline in the Gulf of CÃ¡diz. Continental Shelf Research, 2020, 204, 104190.	0.9	6
4	Thermohaline Evolution of the Western Mediterranean Deep Waters Since 2005: Diffusive Stages and Interannual Renewal Injections. Journal of Geophysical Research: Oceans, 2019, 124, 8747-8766.	1.0	4
5	Morphological features and associated bottom-current dynamics in the Le Danois Bank region (southern Bay of Biscay, NE Atlantic): A model in a topographically constrained small basin. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 149, 103054.	0.6	7
6	The ICES Working Group on Oceanic Hydrography: A Bridge From In-situ Sampling to the Remote Autonomous Observation Era. Frontiers in Marine Science, 2019, 6, .	1.2	4
7	Insights about depth distribution, occurrence and swimming behavior of Hexanchus griseus in the Cantabrian Sea (NE Atlantic). Regional Studies in Marine Science, 2018, 23, 60-72.	0.4	5
8	The warmer the ocean surface, the shallower the mixed layer. <scp>H</scp>ow much of this is true?. Journal of Geophysical Research: Oceans, 2017, 122, 7698-7716.	1.0	70
9	The Mediterranean Overflow in the Gulf of Cadiz: A rugged journey. Science Advances, 2017, 3, eaao0609.	4.7	66
10	IEOOS: the Spanish Institute of Oceanography Observing System. Ocean Science, 2016, 12, 345-353.	1.3	17
11	Midâ€2000s North Atlantic shift: Heat budget and circulation changes. Geophysical Research Letters, 2016, 43, 2059-2068.	1.5	20
12	Migration and diving behavior of Centrophorus squamosus in the NE Atlantic. Combining electronic tagging and Argo hydrography to infer deep ocean trajectories. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 115, 48-62.	0.6	19
13	Oceanographic processes and morphosedimentary products along the Iberian margins: A new multidisciplinary approach. Marine Geology, 2016, 378, 127-156.	0.9	60
14	Particle fluxes and their drivers in the AvilÃ©s submarine canyon and adjacent slope, central Cantabrian margin, Bay of Biscay. Progress in Oceanography, 2016, 144, 39-61.	1.5	14
15	Interannual variability of the northwestern Iberia deep ocean: Response to largeâ€scale North Atlantic forcing. Journal of Geophysical Research: Oceans, 2015, 120, 832-847.	1.0	11
16	Habitat characterization of deep-water coral reefs in La Gaviera Canyon (AvilÃ©s Canyon System,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	59
17	Distribution and biogeographic trends of decapod assemblages from Galicia Bank (NE Atlantic) at depths between 700 and 1800m, with connexions to regional water masses. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 106, 165-178.	0.6	34
18	Seasonal and inter-annual variability in nutrient supply in relation to mixing in the Bay of Biscay. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 106, 68-75.	0.6	15

#	Article	IF	Citations
19	Geomorphology of the AvilÃ©s Canyon System, Cantabrian Sea (Bay of Biscay). Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 106, 99-117.	0.6	35
20	Interannual variability of the early summer circulation around the Balearic Islands: Driving factors and potential effects on the marine ecosystem. Journal of Marine Systems, 2014, 138, 70-81.	0.9	74
21	Key controls on the seasonal and interannual variations of the carbonate system and airâ€sea CO₂ flux in the Northeast Atlantic (Bay of Biscay). Journal of Geophysical Research: Oceans, 2013, 118, 785-800.	1.0	30
22	Temperature and salinity variability in the south-eastern corner of the Bay of Biscay (NE Atlantic). Journal of Marine Systems, 2013, 109-110, S105-S120.	0.9	8
23	Seasonality of intermediate waters hydrography west of the Iberian Peninsula from an 8 yr semiannual time series of an oceanographic section. Ocean Science, 2013, 9, 411-429.	1.3	23
24	Circulation patterns at Le Danois Bank, an elongated shelf-adjacent seamount in the Bay of Biscay. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 60, 7-21.	0.6	21
25	Multi-decadal variability and trends in the temperature of the northwest European continental shelf: A model-data synthesis. Progress in Oceanography, 2012, 106, 96-117.	1.5	60
26	The Spanish Institute of Oceanography (IEO) Santander observing system. , 2011, , .		1
27	Composition and daytime vertical distribution of the ichthyoplankton assemblage in the Central Cantabrian Sea shelf, during summer: An Eulerian study. Continental Shelf Research, 2011, 31, 1462-1473.	0.9	12
28	Environmental control of Northeast Atlantic mackerel (Scomber scombrus) recruitment in the southern Bay of Biscay: case study of failure in the year 2000. Fisheries Oceanography, 2011, 20, 397-414.	0.9	8
29	Mixed layer depth (MLD) variability in the southern Bay of Biscay. Deepening of winter MLDs concurrent with generalized upper water warming trends?. Ocean Dynamics, 2011, 61, 1215-1235.	0.9	28
30	Characterization of the spawning habitat of Atlantic bluefin tuna and related species in the Balearic Sea (western Mediterranean). Progress in Oceanography, 2010, 86, 21-38.	1.5	140
31	The ichthyoplankton assemblage and the environmental variables off the NW and N Iberian Peninsula coasts, in early spring. Continental Shelf Research, 2009, 29, 1145-1156.	0.9	22
32	Large changes in the hydrographic structure of the Bay of Biscay after the extreme mixing of winter 2005. Journal of Geophysical Research, 2009, 114, .	3.3	56
33	Vertical structure of the upper ocean from profiles fitted to physically consistent functional forms. Deep-Sea Research Part I: Oceanographic Research Papers, 2007, 54, 1985-2004.	0.6	29
34	Influence of the oceanographic conditions during spring 2003 on the transport of the Prestige tanker fuel oil to the Galician coast. Marine Pollution Bulletin, 2006, 53, 239-249.	2.3	24
35	Oceanographic conditions in North and Northwest Iberia and their influence on the Prestige oil spill. Marine Pollution Bulletin, 2006, 53, 220-238.	2.3	61
36	Eddy-Induced Variability in a Transatlantic Section: Argo Observing Systemâ€“Gyroscope 0302 Cruise Comparison. Journal of Atmospheric and Oceanic Technology, 2005, 22, 1069-1079.	0.5	0

#	Article	IF	Citations
37	A subtropical water intrusion spring-event in the shelf-slope of the south-western Bay of Biscay after strong wind-forcing pulses. Vital, 2005, 10, 343-359.	0.0	13
38	Intense warming and salinity modification of intermediate water masses in the southeastern corner of the Bay of Biscay for the period 1992â€“2003. Journal of Geophysical Research, 2005, 110, .	3.3	65
39	Observation of an abrupt disruption of the long-term warming trend at the Balearic Sea, western Mediterranean Sea, in summer 2005. Geophysical Research Letters, 2005, 32, .	1.5	116
40	Temperature and salinity increase in the eastern North Atlantic along the 24.5Â°N in the last ten years. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	16
41	Use of a Ferry-Box system to look at shelf sea and ocean margin processes. Elsevier Oceanography Series, 2003, , 297-303.	0.1	10
42	A comparison with the Argo observing systemâ€”Gyroscope 0302 cruise. Elsevier Oceanography Series, 2003, 69, 356-360.	0.1	0
43	A modified semi-implicit method to obtain the evolution of an aerosol by coagulation. Atmospheric Environment, 2000, 34, 4301-4314.	1.9	51
44	The Goodness of the Internally Mixed Aerosol Assumption Under Condensation-Evaporation. Aerosol Science and Technology, 1999, 31, 17-23.	1.5	2
45	Difficulties inherent to the use of analytic solution of the condensationâ€“evaporation equation for multicomponent aerosols. Atmospheric Environment, 1999, 33, 1245-1259.	1.9	7
46	Analytic Solution of the Aerosol Rigorous General Dynamic Equation Without Coagulation in Multidimension. Aerosol Science and Technology, 1999, 31, 3-16.	1.5	3
47	Analytic solution of the generally mixed aerosol dynamic equation without coagulation. Journal of Aerosol Science, 1998, 29, S819-S820.	1.8	0
48	A numerical flux-based method of characteristic to solve the internally mixed multicomponent aerosol evolution without coagulation. Journal of Aerosol Science, 1998, 29, S821-S822.	1.8	1
49	Variabilidad oceÃ¡nica y cambios de nivel del mar alrededor de la penÃnsula ibÃ©rica, Baleares y Canarias. , 0, , 32-38.		0