

César González-Pola

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Characterization of the spawning habitat of Atlantic bluefin tuna and related species in the Balearic Sea (western Mediterranean). <i>Progress in Oceanography</i> , 2010, 86, 21-38. | 1.5 | 140 |
| 2 | Observation of an abrupt disruption of the long-term warming trend at the Balearic Sea, western Mediterranean Sea, in summer 2005. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 116 |
| 3 | Interannual variability of the early summer circulation around the Balearic Islands: Driving factors and potential effects on the marine ecosystem. <i>Journal of Marine Systems</i> , 2014, 138, 70-81. | 0.9 | 74 |
| 4 | The warmer the ocean surface, the shallower the mixed layer. <sc>How much of this is true?. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7698-7716. | 1.0 | 70 |
| 5 | The Mediterranean Overflow in the Gulf of Cadiz: A rugged journey. <i>Science Advances</i> , 2017, 3, eaao0609. | 4.7 | 66 |
| 6 | Intense warming and salinity modification of intermediate water masses in the southeastern corner of the Bay of Biscay for the period 1992â€“2003. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 65 |
| 7 | Oceanographic conditions in North and Northwest Iberia and their influence on the Prestige oil spill. <i>Marine Pollution Bulletin</i> , 2006, 53, 220-238. | 2.3 | 61 |
| 8 | Multi-decadal variability and trends in the temperature of the northwest European continental shelf: A model-data synthesis. <i>Progress in Oceanography</i> , 2012, 106, 96-117. | 1.5 | 60 |
| 9 | Oceanographic processes and morphosedimentary products along the Iberian margins: A new multidisciplinary approach. <i>Marine Geology</i> , 2016, 378, 127-156. | 0.9 | 60 |
| 10 | 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 |
| 11 | Large changes in the hydrographic structure of the Bay of Biscay after the extreme mixing of winter 2005. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 56 |
| 12 | A modified semi-implicit method to obtain the evolution of an aerosol by coagulation. <i>Atmospheric Environment</i> , 2000, 34, 4301-4314. | 1.9 | 51 |
| 13 | Geomorphology of the AvilÃ©s Canyon System, Cantabrian Sea (Bay of Biscay). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 106, 99-117. | 0.6 | 35 |
| 14 | Distribution and biogeographic trends of decapod assemblages from Galicia Bank (NE Atlantic) at depths between 700 and 1800m, with connexions to regional water masses. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 106, 165-178. | 0.6 | 34 |
| 15 | Key controls on the seasonal and interannual variations of the carbonate system and airâ€“sea CO₂ flux in the Northeast Atlantic (Bay of Biscay). <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 785-800. | 1.0 | 30 |
| 16 | Vertical structure of the upper ocean from profiles fitted to physically consistent functional forms. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 1985-2004. | 0.6 | 29 |
| 17 | Mixed layer depth (MLD) variability in the southern Bay of Biscay. Deepening of winter MLDs concurrent with generalized upper water warming trends?. <i>Ocean Dynamics</i> , 2011, 61, 1215-1235. | 0.9 | 28 |
| 18 | Influence of the oceanographic conditions during spring 2003 on the transport of the Prestige tanker fuel oil to the Galician coast. <i>Marine Pollution Bulletin</i> , 2006, 53, 239-249. | 2.3 | 24 |

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|----|---|-----|-----------|
| 19 | Seasonality of intermediate waters hydrography west of the Iberian Peninsula from an 8 yr semiannual time series of an oceanographic section. <i>Ocean Science</i> , 2013, 9, 411-429. | 1.3 | 23 |
| 20 | The ichthyoplankton assemblage and the environmental variables off the NW and N Iberian Peninsula coasts, in early spring. <i>Continental Shelf Research</i> , 2009, 29, 1145-1156. | 0.9 | 22 |
| 21 | Circulation patterns at Le Danois Bank, an elongated shelf-adjacent seamount in the Bay of Biscay. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 60, 7-21. | 0.6 | 21 |
| 22 | Midá€2000s North Atlantic shift: Heat budget and circulation changes. <i>Geophysical Research Letters</i> , 2016, 43, 2059-2068. | 1.5 | 20 |
| 23 | Migration and diving behavior of <i>Centrophorus squamosus</i> in the NE Atlantic. Combining electronic tagging and Argo hydrography to infer deep ocean trajectories. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 115, 48-62. | 0.6 | 19 |
| 24 | IEOS: the Spanish Institute of Oceanography Observing System. <i>Ocean Science</i> , 2016, 12, 345-353. | 1.3 | 17 |
| 25 | Temperature and salinity increase in the eastern North Atlantic along the 24.5°N in the last ten years. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a. | 1.5 | 16 |
| 26 | Seasonal and inter-annual variability in nutrient supply in relation to mixing in the Bay of Biscay. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 106, 68-75. | 0.6 | 15 |
| 27 | Particle fluxes and their drivers in the Avilã©s submarine canyon and adjacent slope, central Cantabrian margin, Bay of Biscay. <i>Progress in Oceanography</i> , 2016, 144, 39-61. | 1.5 | 14 |
| 28 | A subtropical water intrusion spring-event in the shelf-slope of the south-western Bay of Biscay after strong wind-forcing pulses. <i>Vital</i> , 2005, 10, 343-359. | 0.0 | 13 |
| 29 | Composition and daytime vertical distribution of the ichthyoplankton assemblage in the Central Cantabrian Sea shelf, during summer: An Eulerian study. <i>Continental Shelf Research</i> , 2011, 31, 1462-1473. | 0.9 | 12 |
| 30 | Interannual variability of the northwestern Iberia deep ocean: Response to largeá€scale North Atlantic forcing. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 832-847. | 1.0 | 11 |
| 31 | Use of a Ferry-Box system to look at shelf sea and ocean margin processes. <i>Elsevier Oceanography Series</i> , 2003, , 297-303. | 0.1 | 10 |
| 32 | Three decades of continuous ocean observations in North Atlantic Spanish waters: The RADIALES time series project, context, achievements and challenges. <i>Progress in Oceanography</i> , 2021, 198, 102671. | 1.5 | 10 |
| 33 | Environmental control of Northeast Atlantic mackerel (<i>Scomber scombrus</i>) recruitment in the southern Bay of Biscay: case study of failure in the year 2000. <i>Fisheries Oceanography</i> , 2011, 20, 397-414. | 0.9 | 8 |
| 34 | Temperature and salinity variability in the south-eastern corner of the Bay of Biscay (NE Atlantic). <i>Journal of Marine Systems</i> , 2013, 109-110, S105-S120. | 0.9 | 8 |
| 35 | Difficulties inherent to the use of analytic solution of the condensationá€evaporation equation for multicomponent aerosols. <i>Atmospheric Environment</i> , 1999, 33, 1245-1259. | 1.9 | 7 |
| 36 | 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. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 149, 103054. | 0.6 | 7 |

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|----|---|-----|-----------|
| 37 | On the seasonality of waters below the seasonal thermocline in the Gulf of CÃ¡diz. <i>Continental Shelf Research</i> , 2020, 204, 104190. | 0.9 | 6 |
| 38 | Insights about depth distribution, occurrence and swimming behavior of <i>Hexanchus griseus</i> in the Cantabrian Sea (NE Atlantic). <i>Regional Studies in Marine Science</i> , 2018, 23, 60-72. | 0.4 | 5 |
| 39 | Thermohaline Evolution of the Western Mediterranean Deep Waters Since 2005: Diffusive Stages and Interannual Renewal Injections. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 8747-8766. | 1.0 | 4 |
| 40 | The ICES Working Group on Oceanic Hydrography: A Bridge From In-situ Sampling to the Remote Autonomous Observation Era. <i>Frontiers in Marine Science</i> , 2019, 6, . | 1.2 | 4 |
| 41 | Analytic Solution of the Aerosol Rigorous General Dynamic Equation Without Coagulation in Multidimension. <i>Aerosol Science and Technology</i> , 1999, 31, 3-16. | 1.5 | 3 |
| 42 | The Goodness of the Internally Mixed Aerosol Assumption Under Condensation-Evaporation. <i>Aerosol Science and Technology</i> , 1999, 31, 17-23. | 1.5 | 2 |
| 43 | A numerical flux-based method of characteristic to solve the internally mixed multicomponent aerosol evolution without coagulation. <i>Journal of Aerosol Science</i> , 1998, 29, S821-S822. | 1.8 | 1 |
| 44 | The Spanish Institute of Oceanography (IEO) Santander observing system. , 2011, , . | | 1 |
| 45 | Analytic solution of the generally mixed aerosol dynamic equation without coagulation. <i>Journal of Aerosol Science</i> , 1998, 29, S819-S820. | 1.8 | 0 |
| 46 | A comparison with the Argo observing systemâ€™ Gyroscope 0302 cruise. <i>Elsevier Oceanography Series</i> , 2003, 69, 356-360. | 0.1 | 0 |
| 47 | Eddy-Induced Variability in a Transatlantic Section: Argo Observing Systemâ€™ Gyroscope 0302 Cruise Comparison. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005, 22, 1069-1079. | 0.5 | 0 |
| 48 | Persistent, Depthâ€™ Intensified Mixing During The Western Mediterranean Transition's Initial Stages. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016535. | 1.0 | 0 |
| 49 | Variabilidad oceÃ¡nica y cambios de nivel del mar alrededor de la penÃnsula ibÃ©rica, Baleares y Canarias. , 0, , 32-38. | | 0 |