# Aldo Barreiro

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6317712/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 44 papers | 927 citations | 361045 20 h-index | 476904 29 g-index |
| 44 all docs | 44 docs citations | 44 times ranked | 1266 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effects of light intensity, temperature, and salinity in allelopathic interactions between coexisting Synechococcus sp. phenotypes. Marine Environmental Research, 2022, 179, 105671. | 1.1 | 0 |
| 2 | The current state of knowledge on taxonomy, modulating factors, ecological roles, and mode of action of phytoplankton allelochemicals. Science of the Total Environment, 2021, 773, 145681. | 3.9 | 30 |
| 3 | Lipophilic toxins occurrence in non-traditional invertebrate vectors from North Atlantic Waters (Azores, Madeira, and Morocco): Update on geographical tendencies and new challenges for monitoring routines. Marine Pollution Bulletin, 2020, 161, 111725. | 2.3 | 6 |
| 4 | Comfortably numb: Ecotoxicity of the non-steroidal anti-inflammatory drug ibuprofen on Phaeodactylum tricornutum. Marine Environmental Research, 2020, 161, 105109. | 1.1 | 17 |
| 5 | Sea urchin grazing preferences on native and non-native macroalgae. Ecological Indicators, 2020, 111, 106046. | 2.6 | 6 |
| 6 | Genetic records of intertidal sea anemones from Portugal. Regional Studies in Marine Science, 2020, 34, 101067. | 0.4 | 0 |
| 7 | Assessment of the Allelochemical Activity and Biochemical Profile of Different Phenotypes of Picocyanobacteria from the Genus Synechococcus. Marine Drugs, 2020, 18, 179. | 2.2 | 12 |
| 8 | Analysis of the Use of Cylindrospermopsin and/or Microcystin-Contaminated Water in the Growth, Mineral Content, and Contamination of Spinacia oleracea and Lactuca sativa. Toxins, 2019, 11, 624. | 1.5 | 25 |
| 9 | Tetrodotoxins Occurrence in Non-Traditional Vectors of the North Atlantic Waters (Portuguese) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.5 | 22 |
| 10 | Temperature-dependent impacts of allelopathy on growth, pigment, and lipid content between a subpolar strain of Synechocystis sp. CCBA MA-01 and coexisting microalgae. Hydrobiologia, 2019, 835, 117-128. | 1.0 | 13 |
| 11 | Physiological Effects on Coexisting Microalgae of the Allelochemicals Produced by the Bloom-Forming Cyanobacteria Synechococcus sp. and Nodularia Spumigena. Toxins, 2019, 11, 712. | 1.5 | 10 |
| 12 | Amino acid composition reveals functional diversity of zooplankton in tropical lakes related to geography, taxonomy and productivity. Oecologia, 2018, 187, 719-730. | 0.9 | 6 |
| 13 | Light-dependent cytolysis in the allelopathic interaction between picoplanktic and filamentous cyanobacteria. Journal of Plankton Research, 2018, 40, 165-177. | 0.8 | 16 |
| 14 | Allelopathy prevents competitive exclusion and promotes phytoplankton biodiversity. Oikos, 2018, 127, 85-98. | 1.2 | 34 |
| 15 | Paralytic Shellfish Toxins Occurrence in Non-Traditional Invertebrate Vectors from North Atlantic Waters (Azores, Madeira, and Morocco). Toxins, 2018, 10, 362. | 1.5 | 15 |
| 16 | Allelopathic and Bloom-Forming Picocyanobacteria in a Changing World. Toxins, 2018, 10, 48. | 1.5 | 43 |
| 17 | Allelopathic activity of the picocyanobacterium Synechococcus sp. on unicellular eukaryote planktonic microalgae. Marine and Freshwater Research, 2018, 69, 1472. | 0.7 | 19 |
| 18 | Allelopathic activity of picocyanobacterium Synechococcus sp. on filamentous cyanobacteria. Journal of Experimental Marine Biology and Ecology, 2017, 496, 16-21. | 0.7 | 24 |

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|---|---|---|---|
| 19 | Bacterial community characterization and biogeochemistry of sediments from a tropical upwelling system (Cabo Frio, Southeastern Brazil). Continental Shelf Research, 2016, 130, 1-13. | 0.9 | 3 |
| 20 | First Report of Ciguatoxins in Two Starfish Species: Ophidiaster ophidianus and Marthasterias glacialis. Toxins, 2015, 7, 3740-3757. | 1.5 | 51 |
| 21 | New Invertebrate Vectors of Okadaic Acid from the North Atlantic Watersâ€"Portugal (Azores and) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.5 | 8 |
| 22 | Lettuce (Lactuca sativa L.) leaf-proteome profiles after exposure to cylindrospermopsin and a microcystin-LR/cylindrospermopsin mixture: A concentration-dependent response. Phytochemistry, 2015, 110, 91-103. | 1.4 | 20 |
| 23 | Picocyanobacteria From a Clade of MarineCyanobiumRevealed Bioactive Potential Against Microalgae, Bacteria, and Marine Invertebrates. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 432-442. | 1.1 | 26 |
| 24 | Interactions between allelopathic properties and growth kynetics in four freshwater phytoplankton species studied by model simulations. Aquatic Ecology, 2014, 48, 191-205. | 0.7 | 15 |
| 25 | Comparative Responses to Metal Oxide Nanoparticles in Marine Phytoplankton. Archives of Environmental Contamination and Toxicology, 2014, 67, 483-493. | 2.1 | 50 |
| 26 | Exploring Bioactive Properties of Marine Cyanobacteria Isolated from the Portuguese Coast: High Potential as a Source of Anticancer Compounds. Marine Drugs, 2014, 12, 98-114. | 2.2 | 57 |
| 27 | Modelling paralytic shellfish toxins (PSTs) transfer and accumulation in populations of two planktonic grazers. Harmful Algae, 2013, 26, 60-70. | 2.2 | 2 |
| 28 | The influence of resource limitation on the allelopathic effect of Chlamydomonas reinhardtii on other unicellular freshwater planktonic organisms. Journal of Plankton Research, 2013, 35, 1339-1344. | 0.8 | 23 |
| 29 | Indirect bottom-up control of consumer-resource dynamics: Resource-driven algal quality alters grazer numerical response. Limnology and Oceanography, 2013, 58, 827-838. | 1.6 | 12 |
| 30 | New Invertebrate Vectors for PST, Spirolides and Okadaic Acid in the North Atlantic. Marine Drugs, 2013, 11, 1936-1960. | 2.2 | 31 |
| 31 | Mixotrophy and the toxicity of Ochromonas in pelagic food webs. Freshwater Biology, 2012, 57, 2262-2271. | 1.2 | 22 |
| 32 | Diatom induction of reproductive failure in copepods: The effect of PUAs versus non volatile oxylipins. Journal of Experimental Marine Biology and Ecology, 2011, 401, 13-19. | 0.7 | 37 |
| 33 | Generation of monoclonal antibodies for the specific immunodetection of the toxic dinoflagellate Alexandrium minutum Halim from Spanish waters. Harmful Algae, 2010, 9, 272-280. | 2.2 | 14 |
| 34 | Evaluation of the production of paralytic shellfish poisoning toxins by extracellular bacteria isolated from the toxic dinoflagellateAlexandrium minutum. Canadian Journal of Microbiology, 2009, 55, 943-954. | 0.8 | 15 |
| 35 | Factors responsible for the differences in satellite-based chlorophyll a concentration between the major global upwelling areas. Estuarine, Coastal and Shelf Science, 2008, 76, 775-786. | 0.9 | 43 |
| 36 | Testing of the CHEMTAX program in contrasting Neotropical lakes, lagoons, and swamps. Limnology and Oceanography: Methods, 2008, 6, 643-652. | 1.0 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Zooplankton interactions with toxic phytoplankton: Some implications for food web studies and algal defence strategies of feeding selectivity behaviour, toxin dilution and phytoplankton population diversity. Acta Oecologica, 2007, 32, 279-290. | 0.5 | 22 |
| 38 | Release and degradation of amnesic shellfish poison from decaying Pseudo-nitzschia multiseries in presence of bacteria and organic matter. Harmful Algae, 2007, 6, 175-188. | 2.2 | 29 |
| 39 | Feeding strategies of the copepod Acartia clausi on single and mixed diets of toxic and non-toxic strains of the dinoflagellate Alexandrium minutum. Marine Ecology - Progress Series, 2006, 316, 115-125. | 0.9 | 20 |
| 40 | Fate of domoic acid ingested by the copepod Acartia clausi. Marine Biology, 2005, 148, 123-130. | 0.7 | 46 |
| 41 | Relative importance of the different negative effects of the toxic haptophyte Prymnesium parvum on Rhodomonas salina and Brachionus plicatilis. Aquatic Microbial Ecology, 2005, 38, 259-267. | 0.9 | 49 |
| 42 | Estimation of copepod trophic niche in the field using amino acids and marker pigments. Marine Ecology - Progress Series, 2002, 239, 147-156. | 0.9 | 23 |
| 43 | Competitive exclusion of toxic cyanobacterial speciesÂby an allelopathic strain of Phormidium. Aquatic Ecology, 0, , 1. | 0.7 | 2 |
| 44 | Phormidium sp. allelochemicals induce the collapse of large populations ofÂdifferent genotypes of Microcystis aeruginosa. Hydrobiologia, 0, , . | 1.0 | 0 |