

Bernardo Duarte

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

4,909
citations

117453

34
h-index

114278

63
g-index

157
all docs

157
docs citations

157
times ranked

5421
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Thermo-gas dynamics affect the leaf canopy shape and moisture content of aquaponic lettuce in a modified partially diffused microclimatic chamber. <i>Scientia Horticulturae</i> , 2022, 292, 110649. | 1.7 | 8 |
| 2 | Elemental fingerprinting of thornback ray (<i>Raja clavata</i>) muscle tissue as a tracer for provenance and food safety assessment. <i>Food Control</i> , 2022, 133, 108592. | 2.8 | 17 |
| 3 | Fatty acid profiles as natural tracers of provenance and lipid quality indicators in illegally sourced fish and bivalves. <i>Food Control</i> , 2022, 134, 108735. | 2.8 | 17 |
| 4 | Nutritional valuation and food safety of endemic mediterranean halophytes species cultivated in abandoned salt pans under a natural irrigation scheme. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 265, 107733. | 0.9 | 15 |
| 5 | Assessment of Extraction Methods of Trace Metallic Elements in Plants: Approval of a Common Method. <i>Sustainability</i> , 2022, 14, 1428. | 1.6 | 9 |
| 6 | Impacts of dissolved Zn and nanoparticle forms in the fatty acid landscape of <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2022, 817, 152807. | 3.9 | 7 |
| 7 | Elemental Chemometrics as Tools to Depict Stalked Barnacle (<i>Pollicipes pollicipes</i>) Harvest Locations and Food Safety. <i>Molecules</i> , 2022, 27, 1298. | 1.7 | 8 |
| 8 | Salinity Modulates <i>Juncus acutus</i> L. Tolerance to Diesel Fuel Pollution. <i>Plants</i> , 2022, 11, 758. | 1.6 | 4 |
| 9 | Feeding and trophic ecology of Antarctic toothfish <i>Dissostichus mawsoni</i> in the Amundsen and Dumont D'Urville Seas (Antarctica). <i>Hydrobiologia</i> , 2022, 849, 2317-2333. | 1.0 | 7 |
| 10 | Written in ink: Elemental signatures in octopus ink successfully trace geographical origin. <i>Journal of Food Composition and Analysis</i> , 2022, 109, 104479. | 1.9 | 10 |
| 11 | Influence of Gender and Age of Brown Seaweed (<i>Fucus vesiculosus</i>) on Biochemical Activities of Its Aqueous Extracts. <i>Foods</i> , 2022, 11, 39. | 1.9 | 2 |
| 12 | Bioaugmentation Improves Phytoprotection in <i>Halimione portulacoides</i> Exposed to Mild Salt Stress: Perspectives for Salinity Tolerance Improvement. <i>Plants</i> , 2022, 11, 1055. | 1.6 | 6 |
| 13 | LipidTOX: A fatty acid-based index efficient for ecotoxicological studies with marine model diatoms exposed to legacy and emerging contaminants. <i>Ecological Indicators</i> , 2022, 139, 108885. | 2.6 | 3 |
| 14 | Evaluation of Physiological and Biochemical Parameters and Some Bioindicators of Barium Tolerance in <i>Limbarda crithmoides</i> and <i>Helianthus annuus</i> . <i>International Journal of Plant Biology</i> , 2022, 13, 115-131. | 1.1 | 2 |
| 15 | Ocean Acidification Alleviates Dwarf Eelgrass (<i>Zostera noltii</i>) Lipid Landscape Remodeling under Warming Stress. <i>Biology</i> , 2022, 11, 780. | 1.3 | 3 |
| 16 | Fatty acid-based index development in estuarine organisms to pinpoint environmental contamination. <i>Marine Pollution Bulletin</i> , 2022, 180, 113805. | 2.3 | 2 |
| 17 | Elemental fingerprinting of sea urchin (<i>Paracentrotus lividus</i>) gonads to assess food safety and trace its geographic origin. <i>Journal of Food Composition and Analysis</i> , 2022, 114, 104764. | 1.9 | 4 |
| 18 | Development of a toxicophenomic index for trace element ecotoxicity tests using the halophyte <i>Juncus acutus</i> : Juncus-TOX. <i>Ecological Indicators</i> , 2021, 121, 107097. | 2.6 | 16 |

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|----|--|-----|-----------|
| 19 | Screening of Emerging Pollutants (EPs) in Estuarine Water and Phytoremediation Capacity of <i>Tripolium pannonicum</i> under Controlled Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 943. | 1.2 | 6 |
| 20 | Iberian Halophytes as Agroecological Solutions for Degraded Lands and Biosaline Agriculture. <i>Sustainability</i> , 2021, 13, 1005. | 1.6 | 25 |
| 21 | Climate Change Impacts on Salt Marsh Blue Carbon, Nitrogen and Phosphorous Stocks and Ecosystem Services. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1969. | 1.3 | 14 |
| 22 | Pigment and Fatty Acid Production under Different Light Qualities in the Diatom <i>Phaeodactylum tricornutum</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2550. | 1.3 | 26 |
| 23 | A multivariate approach to chlorophyll a fluorescence data for trace element ecotoxicological trials using a model marine diatom. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 250, 107170. | 0.9 | 9 |
| 24 | Evaluation of Multivariate Biomarker Indexes Application in Ecotoxicity Tests with Marine Diatoms Exposed to Emerging Contaminants. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3878. | 1.3 | 8 |
| 25 | Baseline Study of Trace Element Concentrations in Sediments of the Intertidal Zone of Amazonian Oceanic Beaches. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 9 |
| 26 | First screening of biocides, persistent organic pollutants, pharmaceutical and personal care products in Antarctic phytoplankton from Deception Island by FT-ICR-MS. <i>Chemosphere</i> , 2021, 274, 129860. | 4.2 | 34 |
| 27 | Applying Limnological Feature-Based Machine Learning Techniques to Chemical State Classification in Marine Transitional Systems. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 8 |
| 28 | Cephalopod fauna of the Pacific Southern Ocean using Antarctic toothfish (<i>Dissostichus mawsoni</i>) as biological samplers and fisheries bycatch specimens. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 174, 103571. | 0.6 | 9 |
| 29 | Ecoengineering Solutions for the Impairment of Spreading and Growth of Invasive <i>Spartina patens</i> in Mediterranean Salt Marshes. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 0 |
| 30 | Impact of Drying Processes on the Nutritional Composition, Volatile Profile, Phytochemical Content and Bioactivity of <i>Salicornia ramosissima</i> J. Woods. <i>Antioxidants</i> , 2021, 10, 1312. | 2.2 | 23 |
| 31 | Invasion and Extirpation Potential of Native and Invasive <i>Spartina</i> Species Under Climate Change. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 17 |
| 32 | Environmental risk assessment and bioaccumulation of pharmaceuticals in a large urbanized estuary. <i>Science of the Total Environment</i> , 2021, 783, 147021. | 3.9 | 35 |
| 33 | More than Just Wine: The Nutritional Benefits of Grapevine Leaves. <i>Foods</i> , 2021, 10, 2251. | 1.9 | 7 |
| 34 | Artificial Intelligence Meets Marine Ecotoxicology: Applying Deep Learning to Bio-Optical Data from Marine Diatoms Exposed to Legacy and Emerging Contaminants. <i>Biology</i> , 2021, 10, 932. | 1.3 | 10 |
| 35 | Fatty acid profiles of estuarine macroalgae are biomarkers of anthropogenic pressures: Development and application of a multivariate pressure index. <i>Science of the Total Environment</i> , 2021, 788, 147817. | 3.9 | 15 |
| 36 | Dwarf eelgrass (<i>Zostera noltii</i>) fatty acid remodelling induced by climate change. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 261, 107546. | 0.9 | 7 |

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|----|---|-----|-----------|
| 37 | Unlocking Kautsky's dark box: Development of an optical toxicity classification tool (OPTOX index) with marine diatoms exposed to emerging contaminants. <i>Ecological Indicators</i> , 2021, 131, 108238. | 2.6 | 6 |
| 38 | Heavy Metal Pre-Conditioning History Modulates <i>Spartina patens</i> Physiological Tolerance along a Salinity Gradient. <i>Plants</i> , 2021, 10, 2072. | 1.6 | 5 |
| 39 | Membrane remodelling and triacylglycerol accumulation in drought stress resistance: The case study of soybean phospholipases A. <i>Plant Physiology and Biochemistry</i> , 2021, 169, 9-21. | 2.8 | 9 |
| 40 | Adaptation of Temperate Seagrass to Arctic Light Relies on Seasonal Acclimatization of Carbon Capture and Metabolism. <i>Frontiers in Plant Science</i> , 2021, 12, 745855. | 1.7 | 6 |
| 41 | Identification of Philippine Maize Variety Using Convolutional Neural Network with Kernel Morphological Phenetic Characterization. , 2021, , . | | 1 |
| 42 | Characterization of Potassium Chloride Stress on Philippine <i>Vigna radiata</i> Varieties in Temperature-stabilized Hydroponics Using Genetic Programming. , 2021, , . | | 3 |
| 43 | Potential of <i>Asparagopsis armata</i> as a Biopesticide for Weed Control under an Invasive Seaweed Circular-Economy Framework. <i>Biology</i> , 2021, 10, 1321. | 1.3 | 6 |
| 44 | Impacts of phytoplankton blooms on trace metal recycling and bioavailability during dredging events in the Sado estuary (Portugal). <i>Marine Environmental Research</i> , 2020, 153, 104837. | 1.1 | 19 |
| 45 | The effect of heavy metal contamination pre-conditioning in the heat stress tolerance of native and invasive Mediterranean halophytes. <i>Ecological Indicators</i> , 2020, 111, 106045. | 2.6 | 17 |
| 46 | Appendiceal torsion in Ehlers-Danlos syndrome: A case report of a rare phenomenon in a rare disease. <i>International Journal of Surgery Case Reports</i> , 2020, 73, 207-209. | 0.2 | 1 |
| 47 | Lipid landscape remodelling in <i>Sarcocornia fruticosa</i> green and red phenotypes. <i>Plant Physiology and Biochemistry</i> , 2020, 157, 128-137. | 2.8 | 11 |
| 48 | Halophyte bio-optical phenotyping: A multivariate photochemical pressure index (Multi-PPI) to classify salt marsh anthropogenic pressures levels. <i>Ecological Indicators</i> , 2020, 119, 106816. | 2.6 | 20 |
| 49 | Comfortably numb: Ecotoxicity of the non-steroidal anti-inflammatory drug ibuprofen on <i>Phaeodactylum tricornutum</i> . <i>Marine Environmental Research</i> , 2020, 161, 105109. | 1.1 | 17 |
| 50 | Engineered metal nanoparticles in the marine environment: A review of the effects on marine fauna. <i>Marine Environmental Research</i> , 2020, 161, 105110. | 1.1 | 25 |
| 51 | Mediterranean salt marsh sediment metal speciation and bioavailability changes induced by the spreading of non-indigenous <i>Spartina patens</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106921. | 0.9 | 12 |
| 52 | Marine heat waves alter gene expression of key enzymes of membrane and storage lipids metabolism in <i>Phaeodactylum tricornutum</i> . <i>Plant Physiology and Biochemistry</i> , 2020, 156, 357-368. | 2.8 | 11 |
| 53 | Fluoxetine Arrests Growth of the Model Diatom <i>Phaeodactylum tricornutum</i> by Increasing Oxidative Stress and Altering Energetic and Lipid Metabolism. <i>Frontiers in Microbiology</i> , 2020, 11, 1803. | 1.5 | 37 |
| 54 | Toxicity Going Nano: Ionic Versus Engineered Cu Nanoparticles Impacts on the Physiological Fitness of the Model Diatom <i>Phaeodactylum tricornutum</i> . <i>Frontiers in Marine Science</i> , 2020, 7, . | 1.2 | 10 |

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|----|---|-----|-----------|
| 55 | Effects of Propranolol on Growth, Lipids and Energy Metabolism and Oxidative Stress Response of <i>Phaeodactylum tricornutum</i> . <i>Biology</i> , 2020, 9, 478. | 1.3 | 18 |
| 56 | Glyphosate-Based Herbicide Toxicophenomics in Marine Diatoms: Impacts on Primary Production and Physiological Fitness. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7391. | 1.3 | 16 |
| 57 | Roving pharmacies: Modelling the dispersion of pharmaceutical contamination in estuaries. <i>Ecological Indicators</i> , 2020, 115, 106437. | 2.6 | 19 |
| 58 | Photobiological and lipidic responses reveal the drought tolerance of <i>Aster tripolium</i> cultivated under severe and moderate drought: Perspectives for arid agriculture in the mediterranean. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 304-315. | 2.8 | 18 |
| 59 | Baseline Survey on the Accumulation of Microdebris in the Intertidal Sediments of a Reference Estuarine System (Mira Estuary, Portugal). <i>Oceans</i> , 2020, 1, 47-55. | 0.6 | 5 |
| 60 | Travelling Expenses: The Energy Cost of Diel Vertical Migrations of Epipelagic Microphytobenthos. <i>Frontiers in Marine Science</i> , 2020, 7, . | 1.2 | 6 |
| 61 | Biological effects and bioaccumulation of gold in gilthead seabream (<i>Sparus aurata</i>) – Nano versus ionic form. <i>Science of the Total Environment</i> , 2020, 716, 137026. | 3.9 | 3 |
| 62 | Arsenic Accumulation, Compartmentation, and Complexation in <i>Arthrocnemum indicum</i> . , 2020, , 707-716. | | 2 |
| 63 | Marine fouling communities from artificial and natural habitats: comparison of resistance to chemical and physical disturbances. <i>Aquatic Invasions</i> , 2020, 15, 196-216. | 0.6 | 13 |
| 64 | Prospective of Laser-Induced Fluorescence as a Non-Invasive Tool for Ecotoxicological Assessments. , 2020, , . | | 0 |
| 65 | Supporting <i>Spartina</i> : Interdisciplinary perspective shows <i>Spartina</i> as a distinct solid genus. <i>Ecology</i> , 2019, 100, e02863. | 1.5 | 39 |
| 66 | Spatial Variation in Mercury Bioaccumulation and Magnification in a Temperate Estuarine Food Web. <i>Frontiers in Marine Science</i> , 2019, 6, . | 1.2 | 27 |
| 67 | The leaf lipid composition of ectomycorrhizal oak plants shows a drought-tolerance signature. <i>Plant Physiology and Biochemistry</i> , 2019, 144, 157-165. | 2.8 | 29 |
| 68 | Dwarf eelgrass (<i>Zostera noltii</i>) leaf fatty acid profile during a natural restoration process: Physiological and ecological implications. <i>Ecological Indicators</i> , 2019, 106, 105452. | 2.6 | 8 |
| 69 | Metal pollution affects both native and non-indigenous biofouling recruitment in a subtropical island system. <i>Marine Pollution Bulletin</i> , 2019, 141, 373-386. | 2.3 | 21 |
| 70 | Mercury mobility and effects in the salt-marsh plant <i>Halimione portulacoides</i> : Uptake, transport, and toxicity and tolerance mechanisms. <i>Science of the Total Environment</i> , 2019, 650, 111-120. | 3.9 | 44 |
| 71 | Investigating the physiological mechanisms underlying <i>Salicornia ramosissima</i> response to atmospheric CO ₂ enrichment under coexistence of prolonged soil flooding and saline excess. <i>Plant Physiology and Biochemistry</i> , 2019, 135, 149-159. | 2.8 | 21 |
| 72 | Ecotoxicity of the lipid-lowering drug bezafibrate on the bioenergetics and lipid metabolism of the diatom <i>Phaeodactylum tricornutum</i> . <i>Science of the Total Environment</i> , 2019, 650, 2085-2094. | 3.9 | 37 |

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|----|---|-----|-----------|
| 73 | Arsenic tolerance mechanisms in halophytes: the case of <i>Tamarix gallica</i> .. , 2019, , 255-265. | | 4 |
| 74 | Lipids in halophytes: stress physiology relevance and potential future applications.. , 2019, , 359-371. | | 7 |
| 75 | Overview of Phytoplankton Indicators and Biomarkers as Key-Tools for Trace Element Contamination Assessment in Estuaries. , 2019, , 89-127. | | 0 |
| 76 | Investigating the mechanisms underlying phytoprotection by plant growthâ€promoting rhizobacteria in <i>Spartina densiflora</i> under metal stress. <i>Plant Biology</i> , 2018, 20, 497-506. | 1.8 | 44 |
| 77 | Leaf fatty acid remodeling in the salt-excreting halophytic grass <i>Spartina patens</i> along a salinity gradient. <i>Plant Physiology and Biochemistry</i> , 2018, 124, 112-116. | 2.8 | 22 |
| 78 | Halophyte fatty acids as biomarkers of anthropogenic-driven contamination in Mediterranean marshes: Sentinel species survey and development of an integrated biomarker response (IBR) index. <i>Ecological Indicators</i> , 2018, 87, 86-96. | 2.6 | 41 |
| 79 | Photochemical features and trace element substituted chlorophylls as early detection biomarkers of metal exposure in the model diatom <i>Phaeodactylum tricornutum</i> . <i>Ecological Indicators</i> , 2018, 95, 1038-1052. | 2.6 | 37 |
| 80 | Heat wave impacts on the model diatom <i>Phaeodactylum tricornutum</i> : Searching for photochemical and fatty acid biomarkers of thermal stress. <i>Ecological Indicators</i> , 2018, 95, 1026-1037. | 2.6 | 51 |
| 81 | Flow characteristics in tailrace: understanding how hydrodynamics may attract fish to hydropower plant in South America. <i>Marine and Freshwater Research</i> , 2018, 69, 1962. | 0.7 | 3 |
| 82 | Preliminary diversity assessment of an undervalued tropical bean (<i>Lablab purpureus</i> (L.) Sweet) through fatty acid profiling. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 508-514. | 2.8 | 21 |
| 83 | The interplay between membrane lipids and phospholipase A family members in grapevine resistance against <i>Plasmopara viticola</i> . <i>Scientific Reports</i> , 2018, 8, 14538. | 1.6 | 42 |
| 84 | Cordgrass Invasions in Mediterranean Marshes: Past, Present and Future. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2018, , 171-193. | 0.2 | 4 |
| 85 | Climate Change Impacts on Seagrass Meadows and Macroalgal Forests: An Integrative Perspective on Acclimation and Adaptation Potential. <i>Frontiers in Marine Science</i> , 2018, 5, . | 1.2 | 149 |
| 86 | Phytoplankton community-level bio-optical assessment in a naturally mercury contaminated Antarctic ecosystem (Deception Island). <i>Marine Environmental Research</i> , 2018, 140, 412-421. | 1.1 | 19 |
| 87 | Disentangling the effect of atmospheric CO ₂ enrichment on the halophyte <i>Salicornia ramosissima</i> J. Woods physiological performance under optimal and suboptimal saline conditions. <i>Plant Physiology and Biochemistry</i> , 2018, 127, 617-629. | 2.8 | 27 |
| 88 | Screening of human and veterinary pharmaceuticals in estuarine waters: A baseline assessment for the Tejo estuary. <i>Marine Pollution Bulletin</i> , 2018, 135, 1079-1084. | 2.3 | 73 |
| 89 | Functional and ecophysiological traits of <i>Halimione portulacoides</i> and <i>Sarcocornia perennis</i> ecotypes in Mediterranean salt marshes under different tidal exposures. <i>Ecological Research</i> , 2018, 33, 1145-1156. | 0.7 | 7 |
| 90 | Atmospheric CO ₂ enrichment effect on the Cu-tolerance of the C ₄ cordgrass <i>Spartina densiflora</i> . <i>Journal of Plant Physiology</i> , 2018, 220, 155-166. | 1.6 | 9 |

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| 91 | Seagrass ecophysiological performance under ocean warming and acidification. <i>Scientific Reports</i> , 2017, 7, 41443. | 1.6 | 90 |
| 92 | <i>Zostera noltii</i> development probing using chlorophyll a transient analysis (JIP-test) under field conditions: Integrating physiological insights into a photochemical stress index. <i>Ecological Indicators</i> , 2017, 76, 219-229. | 2.6 | 42 |
| 93 | Combined effects of soil salinity and high temperature on photosynthesis and growth of quinoa plants (<i>Chenopodium quinoa</i>). <i>Functional Plant Biology</i> , 2017, 44, 665. | 1.1 | 58 |
| 94 | Revisiting the outwelling hypothesis: Modelling salt marsh detrital metal exports under extreme climatic events. <i>Marine Chemistry</i> , 2017, 191, 24-33. | 0.9 | 19 |
| 95 | Marine angiosperm indices used to assess ecological status within the Water Framework Directive and South African National Water Act: Learning from differences and common issues. <i>Ecological Indicators</i> , 2017, 83, 192-200. | 2.6 | 12 |
| 96 | Disentangling the photochemical salinity tolerance in <i>Aster tripolium</i> L.: connecting biophysical traits with changes in fatty acid composition. <i>Plant Biology</i> , 2017, 19, 239-248. | 1.8 | 52 |
| 97 | DNA Sequencing as a Tool to Monitor Marine Ecological Status. <i>Frontiers in Marine Science</i> , 2017, 4, . | 1.2 | 92 |
| 98 | Carbon Mitigation. , 2016, , 83-110. | | 10 |
| 99 | Biophysical and Biochemical Markers of Metal/Metalloid-Impacts in Salt Marsh Halophytes and Their Implications. <i>Frontiers in Environmental Science</i> , 2016, 4, . | 1.5 | 37 |
| 100 | Tissue Localization and Distribution of As and Al in the Halophyte <i>Tamarix gallica</i> under Controlled Conditions. <i>Frontiers in Marine Science</i> , 2016, 3, . | 1.2 | 16 |
| 101 | Photosynthetic pigment laser-induced fluorescence indicators for the detection of changes associated with trace element stress in the diatom model species <i>Phaeodactylum tricornutum</i> . <i>Environmental Monitoring and Assessment</i> , 2016, 188, 285. | 1.3 | 32 |
| 102 | Ecophysiological response of native and invasive <i>Spartina</i> species to extreme temperature events in Mediterranean marshes. <i>Biological Invasions</i> , 2016, 18, 2189-2205. | 1.2 | 28 |
| 103 | <i>Spartina versicolor</i> Fabre: Another case of <i>Spartina</i> trans-Atlantic introduction?. <i>Biological Invasions</i> , 2016, 18, 2123-2135. | 1.2 | 23 |
| 104 | Microplastics as vector for heavy metal contamination from the marine environment. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 178, 189-195. | 0.9 | 1,040 |
| 105 | Impact of heat and cold events on the energetic metabolism of the C3 halophyte <i>Halimione portulacoides</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 166-177. | 0.9 | 19 |
| 106 | Metal speciation in salt marsh sediments: Influence of halophyte vegetation in salt marshes with different morphology. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 248-255. | 0.9 | 22 |
| 107 | Biochemical and photochemical feedbacks of acute Cd toxicity in <i>Juncus acutus</i> seedlings: The role of non-functional Cd-chlorophylls. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 228-239. | 0.9 | 18 |
| 108 | The ocean sampling day consortium. <i>GigaScience</i> , 2015, 4, 27. | 3.3 | 185 |

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| 109 | Growth, chlorophyll fluorescence and mineral nutrition in the halophyte <i>Tamarix gallica</i> cultivated in combined stress conditions: Arsenic and NaCl. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 149, 204-214. | 1.7 | 49 |
| 110 | A tale of two spartinas : Climatic, photobiological and isotopic insights on the fitness of non-indigenous versus native species. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 178-190. | 0.9 | 16 |
| 111 | Chromium Phyto-transformation in Salt Marshes: The Role of Halophytes. , 2015, , 211-217. | | 7 |
| 112 | Ecophysiological constraints of two invasive plant species under a saline gradient: Halophytes versus glycophytes. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 154-165. | 0.9 | 31 |
| 113 | Metal partitioning and availability in estuarine surface sediments: Changes promoted by feeding activity of <i>Scrobicularia plana</i> and <i>Liza ramada</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 240-247. | 0.9 | 10 |
| 114 | Ecophysiological constraints of <i>Aster tripolium</i> under extreme thermal events impacts: Merging biophysical, biochemical and genetic insights. <i>Plant Physiology and Biochemistry</i> , 2015, 97, 217-228. | 2.8 | 51 |
| 115 | The Lusitanian toadfish as bioindicator of estuarine sediment metal burden: The influence of gender and reproductive metabolism. <i>Ecological Indicators</i> , 2015, 48, 370-379. | 2.6 | 8 |
| 116 | Biophysical and biochemical constraints imposed by salt stress: learning from halophytes. <i>Frontiers in Plant Science</i> , 2014, 5, 746. | 1.7 | 57 |
| 117 | Light-dark O ₂ dynamics in submerged leaves of C ₃ and C ₄ halophytes under increased dissolved CO ₂ : clues for saltmarsh response to climate change. <i>AoB PLANTS</i> , 2014, 6, . | 1.2 | 9 |
| 118 | Biophysical probing of <i>Spartina maritima</i> photo-system II changes during prolonged tidal submersion periods. <i>Plant Physiology and Biochemistry</i> , 2014, 77, 122-132. | 2.8 | 35 |
| 119 | Photochemical and biophysical feedbacks of C ₃ and C ₄ Mediterranean halophytes to atmospheric CO ₂ enrichment confirmed by their stable isotope signatures. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 10-22. | 2.8 | 32 |
| 120 | Biogeochemical drivers of phosphatase activity in salt marsh sediments. <i>Journal of Sea Research</i> , 2014, 93, 57-62. | 0.6 | 12 |
| 121 | Abiotic control modelling of salt marsh sediments respiratory CO ₂ fluxes: application to increasing temperature scenarios. <i>Ecological Indicators</i> , 2014, 46, 110-118. | 2.6 | 7 |
| 122 | Unveiling Zn hyperaccumulation in <i>Juncus acutus</i> : Implications on the electronic energy fluxes and on oxidative stress with emphasis on non-functional Zn-chlorophylls. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 228-239. | 1.7 | 48 |
| 123 | Heavy metal distribution and partitioning in the vicinity of the discharge areas of Lisbon drainage basins (Tagus Estuary, Portugal). <i>Journal of Sea Research</i> , 2014, 93, 101-111. | 0.6 | 40 |
| 124 | Modelling sea level rise (SLR) impacts on salt marsh detrital outwelling C and N exports from an estuarine coastal lagoon to the ocean (Ria de Aveiro, Portugal). <i>Ecological Modelling</i> , 2014, 289, 36-44. | 1.2 | 26 |
| 125 | Salt Marshes and Biodiversity. <i>Tasks for Vegetation Science</i> , 2014, , 283-298. | 0.6 | 9 |
| 126 | Eutrophication Impacts on Salt Marshes Natural Metal Remediation. , 2014, , 131-137. | | 1 |

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|-----|--|-----|-----------|
| 127 | Modelling the effects of global temperature increase on the growth of salt marsh plants. <i>Applied Ecology and Environmental Research</i> , 2014, 12, 753-764. | 0.2 | 17 |
| 128 | Halophyte anti-oxidant feedback seasonality in two salt marshes with different degrees of metal contamination: search for an efficient biomarker. <i>Functional Plant Biology</i> , 2013, 40, 922. | 1.1 | 51 |
| 129 | New multi-metric Salt Marsh Sediment Microbial Index (SSMI) application to salt marsh sediments ecological status assessment. <i>Ecological Indicators</i> , 2013, 29, 390-397. | 2.6 | 6 |
| 130 | Tagus estuary and Ria de Aveiro salt marsh dynamics and the impact of sea level rise. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 138-151. | 0.9 | 40 |
| 131 | Tagus estuary salt marshes feedback to sea level rise over a 40-year period: Insights from the application of geochemical indices. <i>Ecological Indicators</i> , 2013, 34, 268-276. | 2.6 | 28 |
| 132 | Abiotic modulation of <i>Spartina maritima</i> photobiology in different latitudinal populations. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 127-137. | 0.9 | 30 |
| 133 | Halophytes as sources of metals in estuarine systems with low levels of contamination. <i>Functional Plant Biology</i> , 2013, 40, 931. | 1.1 | 18 |
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| 136 | Development of an Angiosperm Quality Assessment Index (AQuA-Index) for ecological quality evaluation of Portuguese water bodies – A multi-metric approach. <i>Ecological Indicators</i> , 2013, 25, 141-148. | 2.6 | 59 |
| 137 | Sea level rise impact in residual circulation in Tagus estuary and Ria de Aveiro lagoon. <i>Journal of Coastal Research</i> , 2013, 165, 1981-1986. | 0.1 | 26 |
| 138 | Hexavalent chromium reduction, uptake and oxidative biomarkers in <i>Halimione portulacoides</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 83, 1-7. | 2.9 | 41 |
| 139 | Particulate metal distribution in Tagus estuary (Portugal) during a flood episode. <i>Marine Pollution Bulletin</i> , 2012, 64, 2109-2116. | 2.3 | 31 |
| 140 | Sediment microbial activities and physico-chemistry as progress indicators of salt marsh restoration processes. <i>Ecological Indicators</i> , 2012, 19, 231-239. | 2.6 | 33 |
| 141 | Macroinvertebrates and fishes as biomonitors of heavy metal concentration in the Seixal Bay (Tagus) Tj ETQq1 1 0.784314 rgBT /Overlo 2.6 70 | 2.6 | 70 |
| 142 | <i>Scirpus maritimus</i> leaf pigment profile and photochemistry during senescence: Implications on carbon sequestration. <i>Plant Physiology and Biochemistry</i> , 2012, 57, 238-244. | 2.8 | 13 |
| 143 | The role of organic acids in assisted phytoremediation processes of salt marsh sediments. <i>Hydrobiologia</i> , 2011, 674, 169-177. | 1.0 | 32 |
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| 145 | <i>Spartina maritima</i> (cordgrass) rhizosediment extracellular enzymatic activity and its role in organic matter decomposition processes and metal speciation. <i>Marine Ecology</i> , 2009, 30, 65-73. | 0.4 | 40 |
| 146 | Stock and losses of trace metals from salt marsh plants. <i>Marine Environmental Research</i> , 2009, 67, 75-82. | 1.1 | 124 |
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| 148 | The role of citric acid in cadmium and nickel uptake and translocation, in <i>Halimione portulacoides</i> . <i>Chemosphere</i> , 2007, 69, 836-840. | 4.2 | 103 |
| 149 | Unlocking the hidden nutritional value of Portuguese edible halophytes cultivated under estuarine water irrigation schemes. <i>Frontiers in Marine Science</i> , 0, 5, . | 1.2 | 0 |
| 150 | Hg-Planktarctic - Unravelling the metabolic adaptations in phytoplankton continuously exposed to volcanic-mercury in Deception Island waters (Antarctica). <i>Frontiers in Marine Science</i> , 0, 5, . | 1.2 | 0 |
| 151 | Bioinvasion by <i>Spartina patens</i> alters sediment biogeochemical functioning of European salt marshes. <i>Biological Invasions</i> , 0, , . | 1.2 | 0 |