

Adriano A Bordalo

List of Publications by Year in descending order

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105
papers

3,593
citations

126708

33
h-index

155451

55
g-index

107
all docs

107
docs citations

107
times ranked

3957
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability of the Portuguese North-Western Fishing Activity in the Face of the Recently Implemented Maritime Spatial Planning. <i>Sustainability</i> , 2022, 14, 1266.	1.6	0
2	Development of a Screening Method for Sulfamethoxazole in Environmental Water by Digital Colorimetry Using a Mobile Device. <i>Chemosensors</i> , 2022, 10, 25.	1.8	3
3	A Robust Flow-Based System for the Spectrophotometric Determination of Cr(VI) in Recreational Waters. <i>Molecules</i> , 2022, 27, 2073.	1.7	2
4	The COVID-19 as a Driver for Alternative Trade Networks in the Small-Scale Fisheries: Portugal as a Case Study. <i>Sustainability</i> , 2022, 14, 6405.	1.6	4
5	Spatial and Seasonal Drinking Water Quality Assessment in a Sub-Saharan Country (Guinea-Bissau). <i>Water (Switzerland)</i> , 2022, 14, 1987.	1.2	3
6	Major Stressors Favoring Cholera Trigger and Dissemination in Guinea-Bissau (West Africa). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11296.	1.2	0
7	Spatial-temporal dynamics of N-cycle functional genes in a temperate Atlantic estuary (Douro, Tj ETQq1 1 0.784314,rgBT /Oyerlock 10 0,95 1	1.2	1
8	Coupling between Hydrodynamics and Chlorophyll a and Bacteria in a Temperate Estuary: A Box Model Approach. <i>Water (Switzerland)</i> , 2019, 11, 588.	1.2	3
9	Screening of fluoroquinolones in environmental waters using disk-based solid-phase extraction combined to microplate fluorimetric determination and LC-MS/MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 258-269.	1.8	6
10	Persistent and emerging pollutants assessment on aquaculture oysters (<i>Crassostrea gigas</i>) from NW Portuguese coast (Ria De Aveiro). <i>Science of the Total Environment</i> , 2019, 666, 731-742.	3.9	59
11	Can non-fortified marine salt cover human needs for iodine?. <i>International Journal of Food Sciences and Nutrition</i> , 2019, 70, 349-354.	1.3	7
12	Endemic goiter and iodine deficiency status among Guinea-Bissau school-age children. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 1576-1582.	1.3	4
13	Screening of sulfonamides in waters based on miniaturized solid phase extraction and microplate spectrophotometric detection. <i>Analytical Methods</i> , 2018, 10, 690-696.	1.3	9
14	Monitoring glucose, calcium, and magnesium levels in saliva as a non-invasive analysis by sequential injection multi-parametric determination. <i>Talanta</i> , 2018, 186, 192-199.	2.9	12
15	River water analysis using a multiparametric approach: Portuguese river as a case study. <i>Journal of Water and Health</i> , 2018, 16, 991-1006.	1.1	4
16	Dynamic habitat use of an estuarine nursery seascape: Ontogenetic shifts in habitat suitability of the European flounder (<i>Platichthys flesus</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 506, 49-60.	0.7	25
17	Urban Estuarine Beaches and Urban Water Cycle Seepage: The Influence of Temporal Scales. <i>Water (Switzerland)</i> , 2018, 10, 173.	1.2	2
18	A greener alternative for inline nitrate reduction in the sequential injection determination of NO _x in natural waters: replacement of cadmium reduction by UV radiation. <i>Analytical Methods</i> , 2017, 9, 1876-1884.	1.3	12

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19	Development of a robust, fast screening method for the potentiometric determination of iodide in urine and salt samples. <i>Talanta</i> , 2017, 167, 688-694.	2.9	20
20	Improvement of the Sandell-Kolthoff reaction method (ammonium persulfate digestion) for the determination of iodine in urine samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, e206-e208.	1.4	11
21	Habitat loss and gain: Influence on habitat attractiveness for estuarine fish communities. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 197, 244-257.	0.9	29
22	Estrogen Metabolism-Associated CYP2D6 and IL6-174G/C Polymorphisms in <i>Schistosoma haematobium</i> Infection. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2560.	1.8	7
23	<i>Schistosoma haematobium</i> in Guinea-Bissau: unacknowledged morbidity due to a particularly neglected parasite in a particularly neglected country. <i>Parasitology Research</i> , 2016, 115, 1567-1572.	0.6	12
24	Response of anaerobic ammonium oxidation to inorganic nitrogen fluctuations in temperate estuarine sediments. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1829-1839.	1.3	21
25	Corrigendum to "Use of solid phase extraction for the sequential injection determination of alkaline phosphatase activity in dynamic water systems" [Talanta 98 (2012) 203-210]. <i>Talanta</i> , 2016, 146, 857.	2.9	0
26	Nutrient variability and its influence on nitrogen processes in a highly turbid tropical estuary (Bangpakong, Gulf of Thailand). <i>Journal of Environmental Sciences</i> , 2016, 45, 131-142.	3.2	3
27	Seasonal monitoring of inland bathing waters using a sequential injection method as a fast and effective tool for nutrient quantification (N&P). <i>Analytical Methods</i> , 2016, 8, 1973-1980.	1.3	6
28	Detection and Quantification of <i>Vibrio cholerae</i> , <i>Vibrio parahaemolyticus</i> , and <i>Vibrio vulnificus</i> in Coastal Waters of Guinea-Bissau (West Africa). <i>EcoHealth</i> , 2016, 13, 339-349.	0.9	25
29	Immigration and early life stages recruitment of the European flounder (<i>Platichthys flesus</i>) to an estuarine nursery: The influence of environmental factors. <i>Journal of Sea Research</i> , 2016, 107, 56-66.	0.6	33
30	Water bags as a potential vehicle for transmitting disease in a West African capital, Bissau. <i>International Health</i> , 2015, 7, 42-48.	0.8	11
31	Salt marsh sediment characteristics as key regulators on the efficiency of hydrocarbons bioremediation by <i>Juncus maritimus</i> rhizospheric bacterial community. <i>Environmental Science and Pollution Research</i> , 2015, 22, 450-462.	2.7	10
32	Iodine speciation in coastal and inland bathing waters and seaweeds extracts using a sequential injection standard addition flow-batch method. <i>Talanta</i> , 2015, 133, 7-14.	2.9	11
33	The contribution of anaerobic ammonium oxidation to nitrogen loss in two temperate eutrophic estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 143, 41-47.	0.9	18
34	Bioremediation potential of microorganisms from a sandy beach affected by a major oil spill. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3634-3645.	2.7	15
35	Potential of phytoremediation for the removal of petroleum hydrocarbons in contaminated salt marsh sediments. <i>Journal of Environmental Management</i> , 2014, 137, 10-15.	3.8	27
36	Relevance of temporal and spatial variability for monitoring the microbiological water quality in an urban bathing area. <i>Ocean and Coastal Management</i> , 2014, 91, 41-49.	2.0	14

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37	Influence of freshwater inflow variability on the Douro estuary primary productivity: A modelling study. <i>Ecological Modelling</i> , 2014, 272, 1-15.	1.2	33
38	Feeding ecology of juvenile flounder <i>Platichthys flesus</i> in an estuarine nursery habitat: Influence of prey-predator interactions. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 458-468.	0.7	9
39	Development of autochthonous microbial consortia for enhanced phytoremediation of salt-marsh sediments contaminated with cadmium. <i>Science of the Total Environment</i> , 2014, 493, 757-765.	3.9	31
40	Analysis of the bacterial community composition in acidic well water used for drinking in Guinea-Bissau, West Africa. <i>Journal of Environmental Sciences</i> , 2014, 26, 1605-1614.	3.2	9
41	Prevalence of antibiotic resistance in bacteria isolated from drinking well water available in Guinea-Bissau (West Africa). <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 188-194.	2.9	44
42	INFLUENCE OF DIFFERENT SALT MARSH PLANTS ON HYDROCARBON DEGRADING MICROORGANISMS ABUNDANCE THROUGHOUT A PHENOLOGICAL CYCLE. <i>International Journal of Phytoremediation</i> , 2013, 15, 715-728.	1.7	13
43	Potential of the microbial community present in an unimpacted beach sediment to remediate petroleum hydrocarbons. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3176-3184.	2.7	32
44	Potential of bioremediation for buried oil removal in beaches after an oil spill. <i>Marine Pollution Bulletin</i> , 2013, 76, 258-265.	2.3	34
45	Biodegradation of petroleum hydrocarbons in estuarine sediments: metal influence. <i>Biodegradation</i> , 2013, 24, 111-123.	1.5	27
46	The role of salinity in shaping dissolved inorganic nitrogen and N ₂ O dynamics in estuarine sediment-water interface. <i>Marine Pollution Bulletin</i> , 2013, 66, 225-229.	2.3	26
47	Sequential injection methodology for carbon speciation in bathing waters. <i>Analytica Chimica Acta</i> , 2013, 778, 38-47.	2.6	10
48	Response of a salt marsh microbial community to metal contamination. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 81-88.	0.9	25
49	Replying to Domingues et al., <i>Ecological Indicators</i> , 24, 245-255, http://dx.doi.org/10.1016/j.ecolind.2012.06.020 . <i>Ecological Indicators</i> , 2013, 27, 123-124.	2.6	0
50	Applicability of ecological assessment tools for management decision-making: A case study from the Lima estuary (NW Portugal). <i>Ocean and Coastal Management</i> , 2013, 72, 54-63.	2.0	17
51	Influence of natural rhizosediments characteristics on hydrocarbons degradation potential of microorganisms associated to <i>Juncus maritimus</i> roots. <i>International Biodeterioration and Biodegradation</i> , 2013, 84, 86-96.	1.9	20
52	Bacterial community response to petroleum contamination and nutrient addition in sediments from a temperate salt marsh. <i>Science of the Total Environment</i> , 2013, 458-460, 568-576.	3.9	63
53	Potential rates and environmental controls of anaerobic ammonium oxidation in estuarine sediments. <i>Aquatic Microbial Ecology</i> , 2012, 66, 23-32.	0.9	38
54	Sequential injection system exploring the standard addition method for phosphate determination in high salinity samples: interstitial, transitional and coastal waters. <i>Analytical Methods</i> , 2012, 4, 1452.	1.3	8

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55	Use of solid phase extraction for the sequential injection determination of alkaline phosphatase activity in dynamic water systems. <i>Talanta</i> , 2012, 98, 203-210.	2.9	6
56	Defining phytoplankton class boundaries in Portuguese transitional waters: An evaluation of the ecological quality status according to the Water Framework Directive. <i>Ecological Indicators</i> , 2012, 19, 5-14.	2.6	43
57	Early life stages of fishes as indicators of estuarine ecosystem health. <i>Ecological Indicators</i> , 2012, 19, 172-183.	2.6	44
58	Microbial communities within saltmarsh sediments: Composition, abundance and pollution constraints. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 99, 145-152.	0.9	13
59	Development of a sequential injection gas diffusion system for the determination of ammonium in transitional and coastal waters. <i>Analytical Methods</i> , 2011, 3, 2049.	1.3	31
60	Impact of copper on the diversity, abundance and transcription of nitrite and nitrous oxide reductase genes in an urban European estuary. <i>FEMS Microbiology Ecology</i> , 2011, 77, 274-284.	1.3	92
61	Evaluation of the ecological status of an impaired watershed by using a multi-index approach. <i>Environmental Monitoring and Assessment</i> , 2011, 174, 493-508.	1.3	27
62	Hydrocarbon degradation potential of salt marsh plantâ€™microorganisms associations. <i>Biodegradation</i> , 2011, 22, 729-739.	1.5	30
63	Development of a flow method for the determination of phosphate in estuarine and freshwatersâ€™Comparison of flow cells in spectrophotometric sequential injection analysis. <i>Analytica Chimica Acta</i> , 2011, 701, 15-22.	2.6	34
64	Salt marsh plantâ€™microorganism interaction in the presence of mixed contamination. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 326-333.	1.9	23
65	LMWOA (low molecular weight organic acid) exudation by salt marsh plants: Natural variation and response to Cu contamination. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 88, 63-70.	0.9	41
66	Potential rates and environmental controls of denitrification and nitrous oxide production in a temperate urbanized estuary. <i>Marine Environmental Research</i> , 2010, 70, 336-342.	1.1	40
67	Recruitment of flatfish species to an estuarine nursery habitat (Lima estuary, NW Iberian Peninsula). <i>Journal of Sea Research</i> , 2010, 64, 473-486.	0.6	48
68	Influence of river discharge patterns on the hydrodynamics and potential contaminant dispersion in the Douro estuary (Portugal). <i>Water Research</i> , 2010, 44, 3133-3146.	5.3	61
69	Temporal and spatial variability of phytoplankton photosynthetic characteristics in a southern European estuary (Douro, Portugal). <i>Marine Ecology - Progress Series</i> , 2010, 412, 29-44.	0.9	7
70	Environmental control on early life stages of flatfishes in the Lima Estuary (NW Portugal). <i>Estuarine, Coastal and Shelf Science</i> , 2009, 83, 252-264.	0.9	21
71	Study of the influence of different organic pollutants on Cu accumulation by <i>Halimione portulacoides</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 627-632.	0.9	20
72	Influence of surfactants on the Cu phytoremediation potential of a salt marsh plant. <i>Chemosphere</i> , 2009, 75, 135-140.	4.2	36

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73	Development of a sequential injection system for the determination of nitrite and nitrate in waters with different salinity: Application to estuaries in NW Portugal. <i>Analytical Methods</i> , 2009, 1, 195.	1.3	27
74	Temporal variability in the abundance of ammonia-oxidizing bacteria vs. archaea in sandy sediments of the Douro River estuary, Portugal. <i>Aquatic Microbial Ecology</i> , 2009, 56, 13-23.	0.9	49
75	New insights into the early life ecology of <i>Sardina pilchardus</i> (Walbaum, 1792) in the northern Iberian Atlantic. <i>Scientia Marina</i> , 2009, 73, 449-459.	0.3	14
76	Understanding spatial and temporal dynamics of key environmental characteristics in a mesotidal Atlantic estuary (Douro, NW Portugal). <i>Estuarine, Coastal and Shelf Science</i> , 2008, 76, 620-633.	0.9	52
77	Salt marsh plants (<i>Juncus maritimus</i> and <i>Scirpus maritimus</i>) as sources of strong complexing ligands. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 104-112.	0.9	34
78	Influence of a salt marsh plant (<i>Halimione portulacoides</i>) on the concentrations and potential mobility of metals in sediments. <i>Science of the Total Environment</i> , 2008, 403, 188-195.	3.9	34
79	Can PAHs influence Cu accumulation by salt marsh plants?. <i>Marine Environmental Research</i> , 2008, 66, 311-318.	1.1	68
80	Dissolved organic carbon and nitrogen dynamics in the Douro River estuary, Portugal. <i>Ciencias Marinas</i> , 2008, 34, .	0.4	13
81	The quest for safe drinking water: An example from Guinea-Bissau (West Africa). <i>Water Research</i> , 2007, 41, 2978-2986.	5.3	68
82	Impact of trace metals on denitrification in estuarine sediments of the Douro River estuary, Portugal. <i>Marine Chemistry</i> , 2007, 107, 332-341.	0.9	71
83	Composition and activity of beta-Proteobacteria ammonia-oxidizing communities associated with intertidal rocky biofilms and sediments of the Douro River estuary, Portugal. <i>Journal of Applied Microbiology</i> , 2007, 103, 1239-1250.	1.4	18
84	A Water Quality Index Applied to an International Shared River Basin: The Case of the Douro River. <i>Environmental Management</i> , 2006, 38, 910-920.	1.2	187
85	Temporal and spatial distributions of larval fish assemblages in the Lima estuary (Portugal). <i>Estuarine, Coastal and Shelf Science</i> , 2006, 66, 303-314.	0.9	90
86	Pelagic metabolism of the Douro estuary (Portugal) – Factors controlling primary production. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 69, 133-146.	0.9	48
87	Environmental forcing and larval fish assemblage dynamics in the Lima River estuary (northwest) $T_j ETQq1 1 0.784314 \text{ rgBT} / Q_{\text{overlock}}$	0.8	46
88	Spatial variability of phytoplankton, bacteria and viruses in the mesotidal salt wedge Douro Estuary (Portugal). <i>Estuarine, Coastal and Shelf Science</i> , 2005, 63, 143-154.	0.9	33
89	Exudation of organic acids by a marsh plant and implications on trace metal availability in the rhizosphere of estuarine sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 191-198.	0.9	84
90	Inorganic nitrogen dynamics in intertidal rocky biofilms and sediments of the Douro River estuary (Portugal). <i>Estuaries and Coasts</i> , 2005, 28, 592-607.	1.7	30

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91	Spatial and seasonal variations of the macrobenthic community and metal contamination in the Douro estuary (Portugal). <i>Marine Environmental Research</i> , 2005, 60, 531-550.	1.1	53
92	Effect of salinity and inorganic nitrogen concentrations on nitrification and denitrification rates in intertidal sediments and rocky biofilms of the Douro River estuary, Portugal. <i>Water Research</i> , 2005, 39, 1783-1794.	5.3	169
93	Vertical distribution of the macrobenthic community and its relationships to trace metals and natural sediment characteristics in the lower Douro estuary, Portugal. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 59, 663-673.	0.9	64
94	Sediment quality in the Douro river estuary based on trace metal contents, macrobenthic community and elutriate sediment toxicity test (ESTT). <i>Journal of Environmental Monitoring</i> , 2004, 6, 585.	2.1	33
95	Comparison of the response of three microalgae species exposed to elutriates of estuarine sediments based on growth and chemical speciation. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 576-585.	2.2	25
96	Microbiological water quality in urban coastal beaches: the influence of water dynamics and optimization of the sampling strategy. <i>Water Research</i> , 2003, 37, 3233-3241.	5.3	30
97	Macrobenthic community in the Douro estuary: relations with trace metals and natural sediment characteristics. <i>Environmental Pollution</i> , 2003, 121, 169-180.	3.7	288
98	Intertidal biofilms on rocky substratum can play a major role in estuarine carbon and nutrient dynamics. <i>Marine Ecology - Progress Series</i> , 2003, 258, 275-281.	0.9	29
99	Temporal and spatial patterns of intertidal sediment-water nutrient and oxygen fluxes in the Douro River estuary, Portugal. <i>Marine Ecology - Progress Series</i> , 2002, 233, 55-71.	0.9	46
100	Survival of faecal indicator bacteria in tropical estuarine waters (Bangpakong River, Thailand). <i>Journal of Applied Microbiology</i> , 2002, 93, 864-871.	1.4	72
101	Water quality and uses of the Bangpakong River (Eastern Thailand). <i>Water Research</i> , 2001, 35, 3635-3642.	5.3	175
102	Crenarchaeota and Euryarchaeota in temperate estuarine sediments. <i>Journal of Applied Microbiology</i> , 2001, 90, 713-718.	1.4	44
103	The Douro estuary (Portugal): a mesotidal salt wedge. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2000, 23, 585-594.	0.7	82
104	Isolation and characterization of two new methanesulfonic acid-degrading bacterial isolates from a Portuguese soil sample. <i>Archives of Microbiology</i> , 2000, 173, 146-153.	1.0	22
105	Faecal coliform recovery in two standard media along an estuarine gradient. <i>Water Research</i> , 1994, 28, 2331-2334.	5.3	9