Catarina Teixeira

List of Publications by Year
in descending order

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30 papers	662 citations	430874 18 h-index	580821 25 g-index
30 all docs	30 docs citations	30 times ranked	1024 citing authors

#	Article	IF	Citations
1	The Mammalian â€œObesogenâ€•Tributyltin Targets Hepatic Triglyceride Accumulation and the Transcriptional Regulation of Lipid Metabolism in the Liver and Brain of Zebrafish. PLoS ONE, 2015, 10, e0143911.	2.5	86
2	Impact of trace metals on denitrification in estuarine sediments of the Douro River estuary, Portugal. Marine Chemistry, 2007, 107, 332-341.	2.3	71
3	Potential of dissimilatory nitrate reduction pathways in polycyclic aromatic hydrocarbon degradation. Chemosphere, 2018, 199, 54-67.	8.2	46
4	Potential rates and environmental controls of denitrification and nitrous oxide production in a temperate urbanized estuary. Marine Environmental Research, 2010, 70, 336-342.	2.5	40
5	Potential rates and environmental controls of anaerobic ammonium oxidation in estuarine sediments. Aquatic Microbial Ecology, 2012, 66, 23-32.	1.8	38
6	Development of a sequential injection gas diffusion system for the determination of ammonium in transitional and coastal waters. Analytical Methods, 2011, 3, 2049.	2.7	31
7	Development of autochthonous microbial consortia for enhanced phytoremediation of salt-marsh sediments contaminated with cadmium. Science of the Total Environment, 2014, 493, 757-765.	8.0	31
8	Development of a sequential injection system for the determination of nitrite and nitrate in waters with different salinity: Application to estuaries in NW Portugal. Analytical Methods, 2009, 1, 195.	2.7	27
9	Biodegradation of petroleum hydrocarbons in estuarine sediments: metal influence. Biodegradation, 2013, 24, 111-123.	3.0	27
10	The role of salinity in shaping dissolved inorganic nitrogen and N2O dynamics in estuarine sedimentâ€“water interface. Marine Pollution Bulletin, 2013, 66, 225-229.	5.0	26
11	Response of a salt marsh microbial community to metal contamination. Estuarine, Coastal and Shelf Science, 2013, 130, 81-88.	2.1	25
12	A strategy to potentiate Cd phytoremediation by saltmarsh plants â€“ Autochthonous bioaugmentation. Journal of Environmental Management, 2014, 134, 136-144.	7.8	25
13	Linking contaminant distribution to hydrodynamic patterns in an urban estuary: The Douro estuary test case. Science of the Total Environment, 2020, 707, 135792.	8.0	22
14	Differential effects of crude oil on denitrification and anammox, and the impact on N2O production. Environmental Pollution, 2016, 216, 391-399.	7.5	21
15	Response of anaerobic ammonium oxidation to inorganic nitrogen fluctuations in temperate estuarine sediments. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 1829-1839.	3.0	21
16	Indigenous microbial communities along the NW Portuguese Coast: Potential for hydrocarbons degradation and relation with sediment contamination. Marine Pollution Bulletin, 2018, 131, 620-632.	5.0	21
17	Influence of natural rhizosediments characteristics on hydrocarbons degradation potential of microorganisms associated to Juncus maritimus roots. International Biodeterioration and Biodegradation, 2013, 84, 86-96.	3.9	20
18	The contribution of anaerobic ammonium oxidation to nitrogen loss in two temperate eutrophic estuaries. Estuarine, Coastal and Shelf Science, 2014, 143, 41-47.	2.1	18

#	Article	IF	Citations
19	PAHs levels in Portuguese estuaries and lagoons: Salt marsh plants as potential agents for the containment of PAHs contamination in sediments. Regional Studies in Marine Science, 2016, 7, 211-221.	0.7	15
20	A novel inhibitory interaction between dimethylsulfoniopropionate (DMSP) and the denitrification pathway. Biogeochemistry, 2012, 107, 393-408.	3.5	13
21	Dissolved organic carbon and nitrogen dynamics in the Douro River estuary, Portugal. Ciencias Marinas, 2008, 34, .	0.4	13
22	Multibiomarker interactions to diagnose and follow-up chronic exposure of a marine crustacean to Hazardous and Noxious Substances (HNS). Environmental Pollution, 2018, 242, 1137-1145.	7.5	8
23	Nutrient variability and its influence on nitrogen processes in a highly turbid tropical estuary (Bangpakong, Gulf of Thailand). Journal of Environmental Sciences, 2016, 45, 131-142.	6.1	3
24	Coupling between Hydrodynamics and Chlorophyll a and Bacteria in a Temperate Estuary: A Box Model Approach. Water (Switzerland), 2019, 11, 588.	2.7	3
25	Data for the analysis of interactive multibiomarker responses of a marine crustacean to long-term exposure to aquatic contaminants. Data in Brief, 2018, 21, 386-394.	1.0	2
26	Urban Estuarine Beaches and Urban Water Cycle Seepage: The Influence of Temporal Scales. Water (Switzerland), 2018, 10, 173.	2.7	2
27	Spatial and seasonal dynamics of elemental composition and mineralogy of intertidal and subtidal sediments in the Lima estuary (NW Portugal). Arabian Journal of Geosciences, 2019, 12, 1.	1.3	2
28	Assessing contamination from maritime trade and transportation on Iberian waters: Impact on Mytilus sp. Ecological Indicators, 2021, 121, 107031.	6.3	2
29	Assessing contamination from maritime trade and transportation on Iberian waters: Impact on Platichthys flesus. Environmental and Sustainability Indicators, 2021, 9, 100098.	3.3	2
30	Microbial community composition, dynamics, and biogeochemistry during the start-up of a partial nitritation-anammox pathway in an upflow reactor. Sustainable Environment Research, 2022, 32, .	4.2	1