Mafalda S Baptista

List of Publications by Year
in descending order

22 papers	537 citations	567281 15 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	846 citing authors

#	Article	IF	Citations
1	Emerging investigator series: prompt response of estuarine denitrifying bacterial communities to copper nanoparticles at relevant environmental concentrations. Environmental Science: Nano, 2021, 8, 913-926.	4.3	0
2	Depth Profile of Nitrifying Archaeal and Bacterial Communities in the Remote Oligotrophic Waters of the North Pacific. Frontiers in Microbiology, 2021, 12, 624071.	3.5	14
3	Understanding the Response of Nitrifying Communities to Disturbance in the McMurdo Dry Valleys, Antarctica. Microorganisms, 2020, 8, 404.	3.6	13
4	Actinobacteria and Cyanobacteria Diversity in Terrestrial Antarctic Microenvironments Evaluated by Culture-Dependent and Independent Methods. Frontiers in Microbiology, 2019, 10, 1018.	3.5	50
5	Screening of BMAA-producing cyanobacteria in cultured isolates and in in situ blooms. Journal of Applied Phycology, 2017, 29, 879-888.	2.8	23
6	Assessment of the non-protein amino acid BMAA in Mediterranean mussel Mytilus galloprovincialis after feeding with estuarine cyanobacteria. Environmental Science and Pollution Research, 2015, 22, 12501-12510.	5.3	19
7	Impacts of Silver Nanoparticles on a Natural Estuarine Plankton Community. Environmental Science & Technology, 2015, 49, 12968-12974.	10.0	36
8	Trace Metal Concentration in a Temperate Freshwater Reservoir Seasonally Subjected to Blooms of Toxin-Producing Cyanobacteria. Microbial Ecology, 2014, 68, 671-678.	2.8	16
9	The non-protein amino acid Î²-N-methylamino-l-alanine in Portuguese cyanobacterial isolates. Amino Acids, 2012, 42, 2473-2479.	2.7	42
10	Reversed-phase HPLC/FD method for the quantitative analysis of the neurotoxin BMAA (Î²-N-methylamino-l-alanine) in cyanobacteria. Toxicon, 2012, 59, 379-384.	1.6	16
11	Determination of the non protein amino acid Î²-N-methylamino-l-alanine in estuarine cyanobacteria by capillary electrophoresis. Toxicon, 2011, 58, 410-414.	1.6	27
12	Effects of minocycline and its degradation products on the growth of Microcystis aeruginosa. Ecotoxicology and Environmental Safety, 2011, 74, 219-224.	6.0	39
13	Fate and effects of octylphenol in a Microcystis aeruginosa culture medium. Aquatic Toxicology, 2009, 92, 59-64.	4.0	30
14	Joint assessment of responses of biomonitors to airborne nickel and vanadium through nuclear and non-nuclear techniques. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 135-141.	1.5	3
15	Application of SPME to the determination of alkylphenols and bisphenol A in cyanobacteria culture media. Analytical and Bioanalytical Chemistry, 2008, 391, 425-432.	3.7	15
16	Copper, nickel and lead in lichen and tree bark transplants over different periods of time. Environmental Pollution, 2008, 151, 408-413.	7.5	32
17	Elemental levels in tree-bark and epiphytic-lichen transplants at a mixed environment in mainland Portugal, and comparisons with an in situ lichen. Environmental Pollution, 2008, 151, 326-333.	7.5	24
18	Instrumental neutron activation analysis and inductively coupled plasma mass spectrometry on atmospheric biomonitors. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 705-711.	1.5	6

#	Article	IF	Citations
19	The ability of biological and organic synthetic materials to accumulate atmospheric particulates containing copper, lead, nickel and strontium. Journal of Environmental Monitoring, 2006, 8, 147-152.	2.1	6
20	Arsenic Speciation in Transplanted Lichens and Tree Bark in the Framework of a Biomonitoring Scenario. Journal of Atmospheric Chemistry, 2006, 53, 237-249.	3.2	18
21	Multianalytical determination of trace elements in atmospheric biomonitors by k0-INAA, ICP-MS and AAS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 564, 733-742.	1.6	25
22	Cyanobacteria Metal Interactions: Requirements, Toxicity, and Ecological Implications. Critical Reviews in Microbiology, 2006, 32, 127-137.	6.1	83