Mafalda S Baptista

List of Publications by Year
in descending order

22	537	567144 15	713332 21
papers	citations	h-index	g-index

23	23	23	846
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cyanobacteria Metal Interactions: Requirements, Toxicity, and Ecological Implications. Critical Reviews in Microbiology, 2006, 32, 127-137.	2.7	83
2	Actinobacteria and Cyanobacteria Diversity in Terrestrial Antarctic Microenvironments Evaluated by Culture-Dependent and Independent Methods. Frontiers in Microbiology, 2019, 10, 1018.	1.5	50
3	The non-protein amino acid Î²-N-methylamino-l-alanine in Portuguese cyanobacterial isolates. Amino Acids, 2012, 42, 2473-2479.	1.2	42
4	Effects of minocycline and its degradation products on the growth of Microcystis aeruginosa. Ecotoxicology and Environmental Safety, 2011, 74, 219-224.	2.9	39
5	Impacts of Silver Nanoparticles on a Natural Estuarine Plankton Community. Environmental Science & Technology, 2015, 49, 12968-12974.	4.6	36
6	Copper, nickel and lead in lichen and tree bark transplants over different periods of time. Environmental Pollution, 2008, 151, 408-413.	3.7	32
7	Fate and effects of octylphenol in a Microcystis aeruginosa culture medium. Aquatic Toxicology, 2009, 92, 59-64.	1.9	30
8	Determination of the non protein amino acid Î²-N-methylamino-l-alanine in estuarine cyanobacteria by capillary electrophoresis. Toxicon, 2011, 58, 410-414.	0.8	27
9	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.	0.7	25
10	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.	3.7	24
11	Screening of BMAA-producing cyanobacteria in cultured isolates and in in situ blooms. Journal of Applied Phycology, 2017, 29, 879-888.	1.5	23
12	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.	2.7	19
13	Arsenic Speciation in Transplanted Lichens and Tree Bark in the Framework of a Biomonitoring Scenario. Journal of Atmospheric Chemistry, 2006, 53, 237-249.	1.4	18
14	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.	0.8	16
15	Trace Metal Concentration in a Temperate Freshwater Reservoir Seasonally Subjected to Blooms of Toxin-Producing Cyanobacteria. Microbial Ecology, 2014, 68, 671-678.	1.4	16
16	Application of SPME to the determination of alkylphenols and bisphenol A in cyanobacteria culture media. Analytical and Bioanalytical Chemistry, 2008, 391, 425-432.	1.9	15
17	Depth Profile of Nitrifying Archaeal and Bacterial Communities in the Remote Oligotrophic Waters of the North Pacific. Frontiers in Microbiology, 2021, 12, 624071.	1.5	14
18	Understanding the Response of Nitrifying Communities to Disturbance in the McMurdo Dry Valleys, Antarctica. Microorganisms, 2020, 8, 404.	1.6	13

#	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	Instrumental neutron activation analysis and inductively coupled plasma mass spectrometry on atmospheric biomonitors. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 705-711.	0.7	6
21	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.	0.7	3
22	Emerging investigator series: prompt response of estuarine denitrifying bacterial communities to copper nanoparticles at relevant environmental concentrations. Environmental Science: Nano, 2021, 8, 913-926.	2.2	0