Joana Azevedo

List of Publications by Citations

52 papers	1,024 citations	19 h-index	29 g-index
53 ext. papers	1,192 ext. citations	4.6 avg, IF	4.19 L-index

#	Paper	IF	Citations
52	Cylindrospermopsin: occurrence, methods of detection and toxicology. *Journal of Applied Microbiology*, **2013**, 114, 605-20	4.7	72
51	New gastropod vectors and tetrodotoxin potential expansion in temperate waters of the Atlantic Ocean. *Marine Drugs*, **2012**, 10, 712-26	6	67
50	Effect of TiO2 photocatalysis on the destruction of Microcystis aeruginosa cells and degradation of cyanotoxins microcystin-LR and cylindrospermopsin. *Chemical Engineering Journal*, **2015**, 268, 144-152	14.7	61
49	Methods to detect cyanobacteria and their toxins in the environment. *Applied Microbiology and Biotechnology*, **2014**, 98, 8073-82	5.7	58
48	Effects of microcystin-LR, cylindrospermopsin and a microcystin-LR/cylindrospermopsin mixture on growth, oxidative stress and mineral content in lettuce plants (Lactuca sativa L.). *Ecotoxicology and Environmental Safety*, **2015**, 116, 59-67	7	55
47	Effects of marine toxins on the reproduction and early stages development of aquatic organisms. *Marine Drugs*, **2010**, 8, 59-79	6	55
46	Exposure of Lycopersicon esculentum to microcystin-LR: effects in the leaf proteome and toxin translocation from water to leaves and fruits. *Toxins*, **2014**, 6, 1837-54	4.9	44
45	First report on the occurrence of microcystins in planktonic cyanobacteria from Central Mexico. *Toxicon*, **2010**, 56, 425-31	2.8	41
44	Absence of negative allelopathic effects of cylindrospermopsin and microcystin-LR on selected marine and freshwater phytoplankton species. *Hydrobiologia*, **2013**, 705, 27-42	2.4	39
43	Effects on growth, antioxidant enzyme activity and levels of extracellular proteins in the green alga Chlorella vulgaris exposed to crude cyanobacterial extracts and pure microcystin and cylindrospermopsin. *Ecotoxicology and Environmental Safety*, **2013**, 94, 45-53	7	36
42	Application of real-time PCR in the assessment of the toxic cyanobacterium Cylindrospermopsis raciborskii abundance and toxicological potential. *Applied Microbiology and Biotechnology*, **2011**, 92, 189-97	5.7	28
41	Oxidation of microcystin-LR and cylindrospermopsin by heterogeneous photocatalysis using a tubular photoreactor packed with different TiO2 coated supports. *Chemical Engineering Journal*, **2015**, 266, 100-111	14.7	26
40	Early physiological and biochemical responses of rice seedlings to low concentration of microcystin-LR. *Ecotoxicology*, **2014**, 23, 107-21	2.9	25
39	Analysis of the use of microcystin-contaminated water in the growth and nutritional quality of the root-vegetable, Daucus carota. *Environmental Science and Pollution Research*, **2017**, 24, 752-764	5.1	24
38	Cyanobacterial Allelochemicals But Not Cyanobacterial Cells Markedly Reduce Microbial Community Diversity. *Frontiers in Microbiology*, **2017**, 8, 1495	5.7	22
37	New invertebrate vectors for PST, spirolides and okadaic acid in the North Atlantic. *Marine Drugs*, **2013**, 11, 1936-60	6	22
36	Genetic variability of the invasive cyanobacteria Cylindrospermopsis raciborskii from Bir M'cherga reservoir (Tunisia). *Archives of Microbiology*, **2011**, 193, 595-604	3	21

35	Biochemical and growth performance of the aquatic macrophyte Azolla filiculoides to sub-chronic exposure to cylindrospermopsin. *Ecotoxicology*, **2015**, 24, 1848-57	2.9	20
34	Lettuce (Lactuca sativa L.) leaf-proteome profiles after exposure to cylindrospermopsin and a microcystin-LR/cylindrospermopsin mixture: a concentration-dependent response. *Phytochemistry*, **2015**, 110, 91-103	4	19
33	Sphaerocyclamide, a prenylated cyanobactin from the cyanobacterium Sphaerospermopsis sp. LEGE 00249. *Scientific Reports*, **2018**, 8, 14537	4.9	18
32	Hepatotoxicity induced by paclitaxel interaction with turmeric in association with a microcystin from a contaminated dietary supplement. *Toxicon*, **2018**, 150, 207-211	2.8	18
31	Cytotoxicity of portoamides in human cancer cells and analysis of the molecular mechanisms of action. *PLoS ONE*, **2017**, 12, e0188817	3.7	17
30	Effects of storage, processing and proteolytic digestion on microcystin-LR concentration in edible clams. *Food and Chemical Toxicology*, **2014**, 66, 217-23	4.7	17
29	The interactive effects of microcystin-LR and cylindrospermopsin on the growth rate of the freshwater algae Chlorella vulgaris. *Ecotoxicology*, **2016**, 25, 745-58	2.9	16
28	Bioaccessibility and changes on cylindrospermopsin concentration in edible mussels with storage and processing time. *Food Control*, **2016**, 59, 567-574	6.2	14
27	Analysis of the Use of Cylindrospermopsin and/or Microcystin-Contaminated Water in the Growth, Mineral Content, and Contamination of and. *Toxins*, **2019**, 11,	4.9	14
26	Glutathione Transferases Responses Induced by Microcystin-LR in the Gills and Hepatopancreas of the Clam Venerupis philippinarum. *Toxins*, **2015**, 7, 2096-120	4.9	14
25	Toxic effects of domoic acid in the seabream Sparus aurata. *Marine Drugs*, **2010**, 8, 2721-32	6	13
24	Dynamics of protein phosphatase gene expression in Corbicula fluminea exposed to microcystin-LR and to toxic Microcystis aeruginosa cells. *International Journal of Molecular Sciences*, **2011**, 12, 9172-88	6.3	12
23	Monitoring of biofouling communities in a Portuguese port using a combined morphological and metabarcoding approach. *Scientific Reports*, **2020**, 10, 13461	4.9	11
22	First occurrence of cylindrospermopsin in Portugal: a contribution to its continuous global dispersal. *Toxicon*, **2017**, 130, 87-90	2.8	10
21	Assessment of uptake and phytotoxicity of cyanobacterial extracts containing microcystins or cylindrospermopsin on parsley (Petroselinum crispum L.) and coriander (Coriandrum sativum L). *Environmental Science and Pollution Research*, **2017**, 24, 1999-2009	5.1	10
20	Insights into the potential of picoplanktonic marine cyanobacteria strains for cancer therapies - Cytotoxic mechanisms against the RKO colon cancer cell line. *Toxicon*, **2016**, 119, 140-51	2.8	10
19	Assessment of Constructed Wetlands Potential for the Removal of Cyanobacteria and Microcystins (MC-LR). *Water (Switzerland)*, **2020**, 12, 10	3	9
18	Effects of two toxic cyanobacterial crude extracts containing microcystin-LR and cylindrospermopsin on the growth and photosynthetic capacity of the microalga Parachlorella kessleri. *Algal Research*, **2018**, 34, 198-208	5	9

17	Effects of Chrysosporum (Aphanizomenon) ovalisporum extracts containing cylindrospermopsin on growth, photosynthetic capacity, and mineral content of carrots (Daucus carota). *Ecotoxicology*, **2017**, 26, 22-31	2.9	9
16	First Detection of Microcystin-LR in the Amazon River at the Drinking Water Treatment Plant of the Municipality of Macap□Brazil. *Toxins*, **2019**, 11,	4.9	9
15	Detection of a Planktothrix agardhii Bloom in Portuguese Marine Coastal Waters. *Toxins*, **2017**, 9,	4.9	8
14	Development and Validation of an SPE-HPLC-FL Method for the Determination of Anatoxin-a in Water and Trout (Oncorhincus mykiss). *Analytical Letters*, **2011**, 44, 1431-1441	2.2	8
13	Effects of the naturally-occurring contaminant microcystins on the Azolla filiculoides-Anabaena azollae symbiosis. *Ecotoxicology and Environmental Safety*, **2015**, 118, 11-20	7	7
12	Transcriptional responses of glutathione transferase genes in Ruditapes philippinarum exposed to microcystin-LR. *International Journal of Molecular Sciences*, **2015**, 16, 8397-414	6.3	7
11	Modulation of hepatic glutathione transferases isoenzymes in three bivalve species exposed to purified microcystin-LR and Microcystis extracts. *Toxicon*, **2017**, 137, 150-157	2.8	5
10	Culture-Independent Study of the Late-Stage of a Bloom of the Toxic Dinoflagellate Ostreopsis cf. ovata: Preliminary Findings Suggest Genetic Differences at the Sub-Species Level and Allow ITS2 Structure Characterization. *Toxins*, **2015**, 7, 2514-33	4.9	5
9	Microcystin-LR´Detected´in´a´Low´Molecular´Weight´ Fraction´from´a´Crude´Extract´of´Zoanthus´sociatus. *Toxins*, **2017**, 9,	4.9	4
8	Decomposition of Microcystis aeruginosa and Microcystin-LR by TiO2 Oxidation Using Artificial UV Light or Natural Sunlight. *Journal of Advanced Oxidation Technologies*, **2012**, 15,		4
7	GST transcriptional changes induced by a toxic Microcystis aeruginosa strain in two bivalve species during exposure and recovery phases. *Ecotoxicology*, **2018**, 27, 1272-1280	2.9	4
6	Physiological and Metabolic Responses of Marine Mussels Exposed to Toxic Cyanobacteria and. *Toxins*, **2020**, 12,	4.9	3
5	Absence of Cyanotoxins in Llayta, Edible Nostocaceae Colonies from the Andes Highlands. *Toxins*, **2020**, 12,	4.9	2
4	Cyanotoxin Screening in BACA Culture Collection: Identification of New Cylindrospermopsin Producing Cyanobacteria. *Toxins*, **2021**, 13,	4.9	2
3	111. State of the Art of Palytoxin and Analogs Analytical Methods for Seafood Monitoring. *Toxicon*, **2012**, 60, 151	2.8	
2	Morphological, molecular, and biochemical study of cyanobacteria from a eutrophic Algerian reservoir (Cheffia).. *Environmental Science and Pollution Research*, **2022**, 29, 27624	5.1	
1	First occurrence of Cylindrospermopsin in the Azores (Lake S□ Br□, S. Miguel Island). *Limnology*, **2021**, 22, 269-275	1.7	