Joana Azevedo

List of Publications by Year in descending order

52 papers	1,347 citations	304368 22 h-index	360668 35 g-index
53 all docs	53 docs citations	53 times ranked	1597 citing authors

#	Article	IF	Citations
1	New Gastropod Vectors and Tetrodotoxin Potential Expansion in Temperate Waters of the Atlantic Ocean. Marine Drugs, 2012, 10, 712-726.	2.2	90
2	Cylindrospermopsin: occurrence, methods of detection and toxicology. Journal of Applied Microbiology, 2013, 114, 605-620.	1.4	87
3	Methods to detect cyanobacteria and their toxins in the environment. Applied Microbiology and Biotechnology, 2014, 98, 8073-8082.	1.7	77
4	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.	6.6	77
5	Effects of Marine Toxins on the Reproduction and Early Stages Development of Aquatic Organisms. Marine Drugs, 2010, 8, 59-79.	2.2	70
6	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.	2.9	67
7	Exposure of Lycopersicon Esculentum to Microcystin-LR: Effects in the Leaf Proteome and Toxin Translocation from Water to Leaves and Fruits. Toxins, 2014, 6, 1837-1854.	1.5	50
8	First report on the occurrence of microcystins in planktonic cyanobacteria from Central Mexico. Toxicon, 2010, 56, 425-431.	0.8	49
9	Absence of negative allelopathic effects of cylindrospermopsin and microcystin-LR on selected marine and freshwater phytoplankton species. Hydrobiologia, 2013, 705, 27-42.	1.0	44
10	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.	2.9	43
11	Application of real-time PCR in the assessment of the toxic cyanobacterium Cylindrospermopsis raciborskii abundance and toxicological potential. Applied Microbiology and Biotechnology, 2011, 92, 189-197.	1.7	36
12	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.	2.7	35
13	New Invertebrate Vectors for PST, Spirolides and Okadaic Acid in the North Atlantic. Marine Drugs, 2013, 11, 1936-1960.	2.2	31
14	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.	6.6	31
15	Cyanobacterial Allelochemicals But Not Cyanobacterial Cells Markedly Reduce Microbial Community Diversity. Frontiers in Microbiology, 2017, 8, 1495.	1.5	31
16	Early physiological and biochemical responses of rice seedlings to low concentration of microcystin-LR. Ecotoxicology, 2014, 23, 107-121.	1.1	29
17	Hepatotoxicity induced by paclitaxel interaction with turmeric in association with a microcystin from a contaminated dietary supplement. Toxicon, 2018, 150, 207-211.	0.8	29
18	Sphaerocyclamide, a prenylated cyanobactin from the cyanobacterium Sphaerospermopsis sp. LEGE 00249. Scientific Reports, 2018, 8, 14537.	1.6	27

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19	Cytotoxicity of portoamides in human cancer cells and analysis of the molecular mechanisms of action. PLoS ONE, 2017, 12, e0188817.	1.1	25
20	Analysis of the Use of Cylindrospermopsin and/or Microcystin-Contaminated Water in the Growth, Mineral Content, and Contamination of Spinacia oleracea and Lactuca sativa. Toxins, 2019, 11, 624.	1.5	25
21	Monitoring of biofouling communities in a Portuguese port using a combined morphological and metabarcoding approach. Scientific Reports, 2020, 10, 13461.	1.6	25
22	Genetic variability of the invasive cyanobacteria Cylindrospermopsis raciborskii from Bir Mâ€™cherga reservoir (Tunisia). Archives of Microbiology, 2011, 193, 595-604.	1.0	24
23	Effects of storage, processing and proteolytic digestion on microcystin-LR concentration in edible clams. Food and Chemical Toxicology, 2014, 66, 217-223.	1.8	23
24	Glutathione Transferases Responses Induced by Microcystin-LR in the Gills and Hepatopancreas of the Clam Venerupis philippinarum. Toxins, 2015, 7, 2096-2120.	1.5	22
25	Biochemical and growth performance of the aquatic macrophyte Azolla filiculoides to sub-chronic exposure to cylindrospermopsin. Ecotoxicology, 2015, 24, 1848-1857.	1.1	21
26	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.	1.4	20
27	Toxic Effects of Domoic Acid in the Seabream Sparus aurata. Marine Drugs, 2010, 8, 2721-2732.	2.2	19
28	Insights into the potential of picoplanktonic marine cyanobacteria strains for cancer therapies â€“ Cytotoxic mechanisms against the RKO colon cancer cell line. Toxicon, 2016, 119, 140-151.	0.8	18
29	The interactive effects of microcystin-LR and cylindrospermopsin on the growth rate of the freshwater algae Chlorella vulgaris. Ecotoxicology, 2016, 25, 745-758.	1.1	18
30	Assessment of Constructed Wetlandsâ€™ Potential for the Removal of Cyanobacteria and Microcystins (MC-LR). Water (Switzerland), 2020, 12, 10.	1.2	18
31	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, 9172-9188.	1.8	15
32	Bioaccessibility and changes on cylindrospermopsin concentration in edible mussels with storage and processing time. Food Control, 2016, 59, 567-574.	2.8	15
33	First Detection of Microcystin-LR in the Amazon River at the Drinking Water Treatment Plant of the Municipality of MacapÃ¡, Brazil. Toxins, 2019, 11, 669.	1.5	15
34	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.	2.7	14
35	Detection of a Planktothrix agardhii Bloom in Portuguese Marine Coastal Waters. Toxins, 2017, 9, 391.	1.5	14
36	First occurrence of cylindrospermopsin in Portugal: a contribution to its continuous global dispersal. Toxicon, 2017, 130, 87-90.	0.8	13

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37	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.	1.0	12
38	Effects of Chrysosporum (Aphanizomenon) ovalisporum extracts containing cylindrospermopsin on growth, photosynthetic capacity, and mineral content of carrots (Daucus carota). Ecotoxicology, 2017, 26, 22-31.	1.1	10
39	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.	2.4	10
40	Cyanotoxin Screening in BACA Culture Collection: Identification of New Cylindrospermopsin Producing Cyanobacteria. Toxins, 2021, 13, 258.	1.5	9
41	Transcriptional Responses of Glutathione Transferase Genes in Ruditapes philippinarum Exposed to Microcystin-LR. International Journal of Molecular Sciences, 2015, 16, 8397-8414.	1.8	8
42	Effects of the naturally-occurring contaminant microcystins on the Azolla filiculoides â€“ Anabaena azollae symbiosis. Ecotoxicology and Environmental Safety, 2015, 118, 11-20.	2.9	8
43	Modulation of hepatic glutathione transferases isoenzymes in three bivalve species exposed to purified microcystin-LR and Microcystis extracts. Toxicon, 2017, 137, 150-157.	0.8	8
44	GST transcriptional changes induced by a toxic Microcystis aeruginosa strain in two bivalve species during exposure and recovery phases. Ecotoxicology, 2018, 27, 1272-1280.	1.1	8
45	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, 2514-2533.	1.5	7
46	MicrocystinâŁRÂDetectedÂinÂaÂLowÂMolecularÂWeightÂ FractionÂfromÂaÂCrudeÂExtractÂofÂZoanthusÂsociatus. Toxins, 2017, 9, 89.	1.5	5
47	Absence of Cyanotoxins in Llayta, Edible Nostocaceae Colonies from the Andes Highlands. Toxins, 2020, 12, 382.	1.5	5
48	Decomposition of Microcystis aeruginosa and Microcystin-LR by TiO2 Oxidation Using Artificial UV Light or Natural Sunlight. Journal of Advanced Oxidation Technologies, 2012, 15, .	0.5	4
49	Physiological and Metabolic Responses of Marine Mussels Exposed to Toxic Cyanobacteria Microcystis aeruginosa and Chrysosporum ovalisporum. Toxins, 2020, 12, 196.	1.5	4
50	First occurrence of Cylindrospermopsin in the Azores (Lake SÃ£o BrÃ¡s, S. Miguel Island). Limnology, 2021, 22, 269-275.	0.8	1
51	Morphological, molecular, and biochemical study of cyanobacteria from a eutrophic Algerian reservoir (Cheffia). Environmental Science and Pollution Research, 2022, 29, 27624.	2.7	1
52	111. State of the Art of Palytoxin and Analogs Analytical Methods for Seafood Monitoring. Toxicon, 2012, 60, 151.	0.8	0