Renato JosÃ© Reis Molica

List of Publications by Year
in descending order

21 papers	1,088 citations	759233 12 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	1129 citing authors

#	Article	IF	Citations
1	Dynamics of a toxic cyanobacterial bloom (Cylindrospermopsis raciborskii) in a shallow reservoir in the semi-arid region of northeast Brazil. Aquatic Microbial Ecology, 1999, 20, 285-297.	1.8	157
2	Genetic Diversity of Cylindrospermopsis Strains (Cyanobacteria) Isolated from Four Continents. Applied and Environmental Microbiology, 2005, 71, 1097-1100.	3.1	151
3	Occurrence of saxitoxins and an anatoxin-a(s)-like anticholinesterase in a Brazilian drinking water supply. Harmful Algae, 2005, 4, 743-753.	4.8	145
4	Toxins in the freshwater cyanobacterium Cylindrospermopsis raciborskii (Cyanophyceae) isolated from Tabocas reservoir in Caruaru, Brazil, including demonstration of a new saxitoxin analogue. Phycologia, 2002, 41, 606-611.	1.4	113
5	Limnological features in TapacurÃ¡ reservoir (northeast Brazil) during a severe drought. Hydrobiologia, 2003, 493, 115-130.	2.0	111
6	First report of microcystin production by picoplanktonic cyanobacteria isolated from a northeast Brazilian drinking water supply. Environmental Toxicology, 1999, 14, 31-35.	4.0	82
7	Cyanotoxin production and phylogeny of benthic cyanobacterial strains isolated from the northeast of Brazil. Harmful Algae, 2015, 43, 46-57.	4.8	73
8	Allelopathic interactions between microcystin-producing and non-microcystin-producing cyanobacteria and green microalgae: implications for microcystins production. Journal of Applied Phycology, 2015, 27, 275-284.	2.8	67
9	Methods for detection of anatoxin-a(s) by liquid chromatography coupled to electrospray ionization-tandem mass spectrometry. Toxicon, 2010, 55, 92-99.	1.6	51
10	Morphological and molecular studies of Sphaerospermopsis torques-reginae (Cyanobacteria,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	39
11	The cyanobacterial saxitoxin exacerbates neural cell death and brain malformations induced by Zika virus. PLoS Neglected Tropical Diseases, 2020, 14, e0008060.	3.0	28
12	Application of bank filtration technology for water quality improvement in a warm climate: a case study at Beberibe River in Brazil. Journal of Water Supply: Research and Technology - AQUA, 2012, 61, 319-330.	1.4	19
13	Changes in pH and dissolved inorganic carbon in water affect the growth, saxitoxins production and toxicity of the cyanobacterium Raphidiopsis raciborskii ITEP-A1. Harmful Algae, 2020, 97, 101870.	4.8	12
14	ECOFISIOLOGIA DE CIANOBACTÃ‰RIAS PRODUTORAS DE CIANOTOXINAS. Oecologia Australis, 2009, 13, 229-246.	0.2	12
15	Cylindrospermopsis raciborskii and Microcystis aeruginosa competing under different conditions of pH and inorganic carbon. Hydrobiologia, 2018, 815, 253-266.	2.0	10
16	A fluorescent-labeled microcystin-LR terbium cryptate. Journal of the Brazilian Chemical Society, 2006, 17, 243-250.	0.6	6
17	Topâ€down regulation of filamentous cyanobacteria varies among a raptorial versus current feeding copepod across multiple prey generations. Freshwater Biology, 2021, 66, 142-156.	2.4	5
18	Exposure of Nile Tilapia (Oreochromis niloticus) Fingerlings to a Saxitoxinâ€Producing Strain of Raphidiopsis (Cylindrospermopsis) raciborskii (Cyanobacterium) Reduces Growth Performance and Increases Mortality Rate. Environmental Toxicology and Chemistry, 2020, 39, 1409-1420.	4.3	2

#	Article	IF	Citations
19	ECOLOGIA, ECOFISIOLOGIA E TOXICOLOGIA DE CIANOBACTÃ‰RIAS. Oecologia Australis, 2009, 13, 225-228.	0.2	2
20	Indicadores de sustentabilidade para sistemas agroflorestais: levantamento de metodologias e indicadores utilizados. Revista De Economia E Sociologia Rural, 2022, 60, .	0.4	2
21	Exposure to toxic Microcystis via intact cell ingestion and cell crude extract differently affects small-bodied cladocerans. Environmental Science and Pollution Research, 2021, , 1.	5.3	1