JoÃ£o Yunes

List of Publications by Year
in descending order

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49	1,667	279798	289244
papers	citations	23 h-index	40 g-index

50	50	50	1833
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effects of <scp>Microcystis aeruginosa</scp> cells lysate containing microcystins on physiological and molecular responses in the nematode <scp>Caenorhabditis elegans</scp>. Environmental Toxicology, 2020, 35, 591-598.	4.0	4
2	Co-inoculation of Anabaena cylindrica with Azospirillum brasilense increases grain yield of maize hybrids. Rhizosphere, 2020, 15, 100224.	3.0	26
3	Toxigenic phytoplankton groups and neurotoxin levels related to two contrasting environmental conditions at the coastal area of Rio de Janeiro (west of South Atlantic). Toxicon, 2020, 184, 215-228.	1.6	0
4	Modulation of nodularin toxicity in shrimp Litopenaeus vannamei (BOONE, 1931) fed with dietary aÃ§ai (Euterpe oleracea) inclusion. Fish and Shellfish Immunology, 2020, 103, 464-471.	3.6	10
5	Domoic acid in the tropical South Atlantic Ocean â€“ An environment case study. Toxicon, 2019, 167, 101-105.	1.6	5
6	Microplankton Community Composition Associated With Toxic Trichodesmium Aggregations in the Southwest Atlantic Ocean. Frontiers in Marine Science, 2019, 6, .	2.5	5
7	Microcystin â€“ LR exposure causes cardiorespiratory impairments and tissue oxidative damage in trahira, Hoplias malabaricus. Ecotoxicology and Environmental Safety, 2019, 173, 436-443.	6.0	28
8	Cytoprotection of lipoic acid against toxicity induced by saxitoxin in hippocampal cell line HT-22 through in silico modeling and in vitro assays. Toxicology, 2018, 393, 171-184.	4.2	11
9	Validation of Housekeeping Genes as Internal Controls for the Study of the Effects of Microcystin-LR in Zebrafish by Real-Time PCR. Zebrafish, 2018, 15, 454-459.	1.1	5
10	Ecophysiological characterization and toxin profile of two strains of Cylindrospermopsis raciborskii isolated from a subtropical lagoon in Southern Brazil. Hydrobiologia, 2017, 802, 97-113.	2.0	11
11	Microcystin-LR leads to oxidative damage and alterations in antioxidant defense system in liver and gills of Brycon amazonicus (SPIX & AGASSIZ, 1829). Toxicon, 2017, 139, 109-116.	1.6	29
12	Interaction of singleâ€walled carbon nanotubes and saxitoxin: Ab initio simulations and biological responses in hippocampal cell line HTâ€22. Environmental Toxicology and Chemistry, 2017, 36, 1728-1737.	4.3	5
13	Distribution of the marine cyanobacteria Trichodesmium and their association with iron-rich particles in the South Atlantic Ocean. Aquatic Microbial Ecology, 2017, 78, 107-119.	1.8	15
14	The effectiveness of conventional water treatment in removing <i>Ceratium furcoides</i> (Levander) Langhans, <i>Microcystis</i> sp. and microcystins. Water S A, 2016, 42, 606.	0.4	11
15	Trichodesmium latitudinal distribution on the shelf break in the southwestern Atlantic Ocean during spring and autumn. Global Biogeochemical Cycles, 2016, 30, 1738-1753.	4.9	19
16	Behavioral alterations induced by repeated saxitoxin exposure in drinking water. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2016, 22, 18.	1.4	10
17	Toxic Trichodesmium bloom occurrence in the southwestern South Atlantic Ocean. Toxicon, 2016, 110, 51-55.	1.6	29
18	Biodegradation of [D-Leu1] microcystin-LR by a bacterium isolated from sediment of Patos Lagoon estuary, Brazil. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 4.	1.4	23

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19	Antimycobacterial and cytotoxicity activity of microcystins. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 9.	1.4	19
20	Oxidative stress in rats induced by consumption of saxitoxin contaminated drink water. Harmful Algae, 2014, 37, 68-74.	4.8	20
21	Evaluation of mysids and sea urchins exposed to saxitoxins. Environmental Toxicology and Pharmacology, 2013, 36, 819-825.	4.0	9
22	Convergent evolution of [D-Leucine1] microcystin-LR in taxonomically disparate cyanobacteria. BMC Evolutionary Biology, 2013, 13, 86.	3.2	29
23	Microcystin-LR acute exposure increases AChE activity via transcriptional ache activation in zebrafish (Danio rerio) brain. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 247-252.	2.6	37
24	Expression and activity of glutathione S-transferases and catalase in the shrimp Litopenaeus vannamei inoculated with a toxic Microcystis aeruginosa strain. Marine Environmental Research, 2012, 75, 54-61.	2.5	49
25	Acute Exposure to Microcystin-Producing CyanobacteriumMicrocystis aeruginosaAlters Adult Zebrafish (Danio rerio) Swimming Performance Parameters. Journal of Toxicology, 2011, 2011, 1-9.	3.0	14
26	Influence of a Toxic Microcystis aeruginosa Strain on Glutathione Synthesis and Glutathione-S-Transferase Activity in Common Carp Cyprinus carpio (Teleostei: Cyprinidae). Archives of Environmental Contamination and Toxicology, 2011, 60, 319-326.	4.1	22
27	Chemoprotection of lipoic acid against microcystin-induced toxicosis in common carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /Overlock 2011, 154, 146-153.	2.6	22
28	Occurrence of anatoxin-a(s) during a bloom of Anabaena crassa in a water-supply reservoir in southern Brazil. Journal of Applied Phycology, 2010, 22, 235-241.	2.8	17
29	A method to measure total antioxidant capacity against peroxyl radicals in aquatic organisms: Application to evaluate microcystins toxicity. Science of the Total Environment, 2009, 407, 2115-2123.	8.0	351
30	RELEASE OF CARBOHYDRATES AND PROTEINS BY A SUBTROPICAL STRAIN OF RAPHIDIOPSIS BROOKII (CYANOBACTERIA) ABLE TO PRODUCE SAXITOXIN AT THREE NITRATE CONCENTRATIONS¹. Journal of Phycology, 2009, 45, 585-591.	2.3	42
31	Microcystin-induced oxidative stress in Laeonereis acuta (Polychaeta, Nereididae). Marine Environmental Research, 2008, 66, 92-94.	2.5	19
32	Biodegradation of microcystins by aquatic Burkholderia sp. from a South Brazilian coastal lagoon. Ecotoxicology and Environmental Safety, 2008, 69, 358-365.	6.0	87
33	Biochemical and physiological responses after exposure to microcystins in the crab Chasmagnathus granulatus (Decapoda, Brachyura). Ecotoxicology and Environmental Safety, 2006, 65, 201-208.	6.0	20
34	Effects of microcystins over short- and long-term memory and oxidative stress generation in hippocampus of rats. Chemico-Biological Interactions, 2006, 159, 223-234.	4.0	64
35	Cyanobacterial blooms in estuarine ecosystems: Characteristics and effects on Laeonereis acuta (Polychaeta, Nereididae). Marine Pollution Bulletin, 2005, 50, 956-964.	5.0	24
36	Antioxidant responses and oxidative stress after microcystin exposure in the hepatopancreas of an estuarine crab species. Ecotoxicology and Environmental Safety, 2005, 61, 353-360.	6.0	108

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37	Antioxidant responses after microcystin exposure in gills of an estuarine crab species pre-treated with vitamin E. Ecotoxicology and Environmental Safety, 2005, 61, 361-365.	6.0	24
38	DETERMINATION OF OPTIMIZED PROTOCOLS FOR THE EXTRACTION OF ANTICHOLINESTERASIC COMPOUNDS IN ENVIRONMENTAL SAMPLES CONTAINING CYANOBACTERIA SPECIES. Environmental Toxicology and Chemistry, 2004, 23, 883.	4.3	8
39	Acute Effects of Microcystis aeruginosa from the Patos Lagoon Estuary, Southern Brazil, on the Microcrustacean Kalliapseudes schubartii (Crustacea: Tanaidacea). Archives of Environmental Contamination and Toxicology, 2004, 46, 463-9.	4.1	33
40	Effect of microcystin on ion regulation and antioxidant system in gills of the estuarine crab Chasmagnathus granulatus (Decapoda, Grapsidae). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2003, 135, 67-75.	2.6	15
41	Toxic effects of microcystins in the hepatopancreas of the estuarine crab Chasmagnathus granulatus (Decapoda, Grapsidae). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2003, 135, 459-468.	2.6	32
42	Cyanobacterial Neurotoxins from Southern Brazilian Freshwaters. Comments on Modern Biology Part B, Comments on Toxicology, 2003, 9, 103-115.	0.2	37
43	Toxicological Effects of Hepatotoxins (Microcystins) on Aquatic Organisms. Comments on Modern Biology Part B, Comments on Toxicology, 2003, 9, 89-101.	0.2	12
44	Effects of Extracts from the CyanobacteriumMicrocystis aeruginosaon Ion Regulation and Gill Na+,K+â€ATPase and K+â€Dependent Phosphatase Activities of the Estuarine CrabChasmagnathus granulata(Decapoda, Grapsidae). Physiological and Biochemical Zoology, 2002, 75, 600-608.	1.5	26
45	Effects of Anabaena spiroides (cyanobacteria) aqueous extracts on the acetylcholinesterase activity of aquatic species. Environmental Toxicology and Chemistry, 2001, 20, 1228-1235.	4.3	52
46	First report of a microcystin-containing bloom of the cyanobacteriumMicrocystis aeruginosa in the La Plata River, South America. Environmental Toxicology, 2001, 16, 110-112.	4.0	51
47	[d-Leu1]Microcystin-LR, from the cyanobacterium Microcystis RST 9501 and from a Microcystis bloom in the Patos Lagoon estuary, Brazil. Phytochemistry, 2000, 55, 383-387.	2.9	82
48	Toxic blooms of cyanobacteria in the Patos Lagoon Estuary, southern Brazil. Journal of Aquatic Ecosystem Health, 1996, 5, 223-229.	0.4	58
49	Co-inoculation of rhizobia, azospirilla and cyanobacteria for increasing common bean production. Semina:Ciencias Agrarias, 0, , 2015-2028.	0.3	12