

João Yunes

List of Publications by Year in descending order

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49
papers

1,667
citations

279798

23
h-index

289244

40
g-index

50
all docs

50
docs citations

50
times ranked

1833
citing authors

#	ARTICLE	IF	CITATIONS
1	A method to measure total antioxidant capacity against peroxy radicals in aquatic organisms: Application to evaluate microcystins toxicity. <i>Science of the Total Environment</i> , 2009, 407, 2115-2123.	8.0	351
2	Antioxidant responses and oxidative stress after microcystin exposure in the hepatopancreas of an estuarine crab species. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 353-360.	6.0	108
3	Biodegradation of microcystins by aquatic Burkholderia sp. from a South Brazilian coastal lagoon. <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 358-365.	6.0	87
4	[d-Leu1]Microcystin-LR, from the cyanobacterium <i>Microcystis</i> RST 9501 and from a <i>Microcystis</i> bloom in the Patos Lagoon estuary, Brazil. <i>Phytochemistry</i> , 2000, 55, 383-387.	2.9	82
5	Effects of microcystins over short- and long-term memory and oxidative stress generation in hippocampus of rats. <i>Chemico-Biological Interactions</i> , 2006, 159, 223-234.	4.0	64
6	Toxic blooms of cyanobacteria in the Patos Lagoon Estuary, southern Brazil. <i>Journal of Aquatic Ecosystem Health</i> , 1996, 5, 223-229.	0.4	58
7	Effects of <i>Anabaena spiroides</i> (cyanobacteria) aqueous extracts on the acetylcholinesterase activity of aquatic species. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1228-1235.	4.3	52
8	First report of a microcystin-containing bloom of the cyanobacterium <i>Microcystis aeruginosa</i> in the La Plata River, South America. <i>Environmental Toxicology</i> , 2001, 16, 110-112.	4.0	51
9	Expression and activity of glutathione S-transferases and catalase in the shrimp <i>Litopenaeus vannamei</i> inoculated with a toxic <i>Microcystis aeruginosa</i> strain. <i>Marine Environmental Research</i> , 2012, 75, 54-61.	2.5	49
10	RELEASE OF CARBOHYDRATES AND PROTEINS BY A SUBTROPICAL STRAIN OF <i>RAPHIDIOPSIS BROOKII</i> (CYANOBACTERIA) ABLE TO PRODUCE SAXITOXIN AT THREE NITRATE CONCENTRATIONS ¹ .	2.3	42
11	Cyanobacterial Neurotoxins from Southern Brazilian Freshwaters. <i>Comments on Modern Biology Part B, Comments on Toxicology</i> , 2003, 9, 103-115.	0.2	37
12	Microcystin-LR acute exposure increases AChE activity via transcriptional ache activation in zebrafish (<i>Danio rerio</i>) brain. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 247-252.	2.6	37
13	Acute Effects of <i>Microcystis aeruginosa</i> from the Patos Lagoon Estuary, Southern Brazil, on the Microcrustacean <i>Kalliapseudes schubartii</i> (Crustacea: Tanaidacea). <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 46, 463-9.	4.1	33
14	Toxic effects of microcystins in the hepatopancreas of the estuarine crab <i>Chasmagnathus granulatus</i> (Decapoda, Grapsidae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003, 135, 459-468.	2.6	32
15	Convergent evolution of [D-Leucine1] microcystin-LR in taxonomically disparate cyanobacteria. <i>BMC Evolutionary Biology</i> , 2013, 13, 86.	3.2	29
16	Toxic <i>Trichodesmium</i> bloom occurrence in the southwestern South Atlantic Ocean. <i>Toxicon</i> , 2016, 110, 51-55.	1.6	29
17	Microcystin-LR leads to oxidative damage and alterations in antioxidant defense system in liver and gills of <i>Brycon amazonicus</i> (SPIX & AGASSIZ, 1829). <i>Toxicon</i> , 2017, 139, 109-116.	1.6	29
18	Microcystin-LR exposure causes cardiorespiratory impairments and tissue oxidative damage in trahira, <i>Hoplias malabaricus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 436-443.	6.0	28

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19	Effects of Extracts from the Cyanobacterium <i>Microcystis aeruginosa</i> on Ion Regulation and Gill Na^+ , K^+ -ATPase and K^+ -Dependent Phosphatase Activities of the Estuarine Crab <i>Chasmagnathus granulata</i> (Decapoda, Grapsidae). <i>Physiological and Biochemical Zoology</i> , 2002, 75, 600-608.	1.5	26
20	Co-inoculation of <i>Anabaena cylindrica</i> with <i>Azospirillum brasilense</i> increases grain yield of maize hybrids. <i>Rhizosphere</i> , 2020, 15, 100224.	3.0	26
21	Cyanobacterial blooms in estuarine ecosystems: Characteristics and effects on <i>Laeonereis acuta</i> (Polychaeta, Nereididae). <i>Marine Pollution Bulletin</i> , 2005, 50, 956-964.	5.0	24
22	Antioxidant responses after microcystin exposure in gills of an estuarine crab species pre-treated with vitamin E. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 361-365.	6.0	24
23	Biodegradation of [D-Leu1] microcystin-LR by a bacterium isolated from sediment of Patos Lagoon estuary, Brazil. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 4.	1.4	23
24	Influence of a Toxic <i>Microcystis aeruginosa</i> Strain on Glutathione Synthesis and Glutathione-S-Transferase Activity in Common Carp <i>Cyprinus carpio</i> (Teleostei: Cyprinidae). <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 60, 319-326.	4.1	22
25	Chemoprotection of lipoic acid against microcystin-induced toxicosis in common carp (<i>Cyprinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2011, 154, 146-153.	2.6	22
26	Biochemical and physiological responses after exposure to microcystins in the crab <i>Chasmagnathus granulatus</i> (Decapoda, Brachyura). <i>Ecotoxicology and Environmental Safety</i> , 2006, 65, 201-208.	6.0	20
27	Oxidative stress in rats induced by consumption of saxitoxin contaminated drink water. <i>Harmful Algae</i> , 2014, 37, 68-74.	4.8	20
28	Microcystin-induced oxidative stress in <i>Laeonereis acuta</i> (Polychaeta, Nereididae). <i>Marine Environmental Research</i> , 2008, 66, 92-94.	2.5	19
29	Antimycobacterial and cytotoxicity activity of microcystins. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 9.	1.4	19
30	<i>Trichodesmium</i> latitudinal distribution on the shelf break in the southwestern Atlantic Ocean during spring and autumn. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1738-1753.	4.9	19
31	Occurrence of anatoxin-a(s) during a bloom of <i>Anabaena crassa</i> in a water-supply reservoir in southern Brazil. <i>Journal of Applied Phycology</i> , 2010, 22, 235-241.	2.8	17
32	Effect of microcystin on ion regulation and antioxidant system in gills of the estuarine crab <i>Chasmagnathus granulatus</i> (Decapoda, Grapsidae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003, 135, 67-75.	2.6	15
33	Distribution of the marine cyanobacteria <i>Trichodesmium</i> and their association with iron-rich particles in the South Atlantic Ocean. <i>Aquatic Microbial Ecology</i> , 2017, 78, 107-119.	1.8	15
34	Acute Exposure to Microcystin-Producing Cyanobacterium <i>Microcystis aeruginosa</i> Alters Adult Zebrafish (<i>Danio rerio</i>) Swimming Performance Parameters. <i>Journal of Toxicology</i> , 2011, 2011, 1-9.	3.0	14
35	Toxicological Effects of Hepatotoxins (Microcystins) on Aquatic Organisms. <i>Comments on Modern Biology Part B, Comments on Toxicology</i> , 2003, 9, 89-101.	0.2	12
36	Co-inoculation of rhizobia, azospirilla and cyanobacteria for increasing common bean production. <i>Semina: Ciências Agrárias</i> , 0, , 2015-2028.	0.3	12

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37	The effectiveness of conventional water treatment in removing <i>Ceratium furcoides</i> (Levander) Langhans, <i>Microcystis</i> sp. and microcystins. <i>Water S A</i> , 2016, 42, 606.	0.4	11
38	Ecophysiological characterization and toxin profile of two strains of <i>Cylindrospermopsis raciborskii</i> isolated from a subtropical lagoon in Southern Brazil. <i>Hydrobiologia</i> , 2017, 802, 97-113.	2.0	11
39	Cytoprotection of lipoic acid against toxicity induced by saxitoxin in hippocampal cell line HT-22 through in silico modeling and in vitro assays. <i>Toxicology</i> , 2018, 393, 171-184.	4.2	11
40	Behavioral alterations induced by repeated saxitoxin exposure in drinking water. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2016, 22, 18.	1.4	10
41	Modulation of nodularin toxicity in shrimp <i>Litopenaeus vannamei</i> (BOONE, 1931) fed with dietary <i>Euterpe oleracea</i> inclusion. <i>Fish and Shellfish Immunology</i> , 2020, 103, 464-471.	3.6	10
42	Evaluation of mysids and sea urchins exposed to saxitoxins. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 819-825.	4.0	9
43	DETERMINATION OF OPTIMIZED PROTOCOLS FOR THE EXTRACTION OF ANTICHOLINESTERIC COMPOUNDS IN ENVIRONMENTAL SAMPLES CONTAINING CYANOBACTERIA SPECIES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 883.	4.3	8
44	Interaction of single-walled carbon nanotubes and saxitoxin: Ab initio simulations and biological responses in hippocampal cell line HT-22. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1728-1737.	4.3	5
45	Validation of Housekeeping Genes as Internal Controls for the Study of the Effects of Microcystin-LR in Zebrafish by Real-Time PCR. <i>Zebrafish</i> , 2018, 15, 454-459.	1.1	5
46	Domoic acid in the tropical South Atlantic Ocean – An environment case study. <i>Toxicon</i> , 2019, 167, 101-105.	1.6	5
47	Microplankton Community Composition Associated With Toxic <i>Trichodesmium</i> Aggregations in the Southwest Atlantic Ocean. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	5
48	The effects of <i>Microcystis aeruginosa</i> cells lysate containing microcystins on physiological and molecular responses in the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology</i> , 2020, 35, 591-598.	4.0	4
49	Toxigenic phytoplankton groups and neurotoxin levels related to two contrasting environmental conditions at the coastal area of Rio de Janeiro (west of South Atlantic). <i>Toxicon</i> , 2020, 184, 215-228.	1.6	0