

Luiz Eduardo Maia Nery

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,300
citations

361413
20
h-index

377865
34
g-index

62
all docs

62
docs citations

62
times ranked

1441
citing authors

#	ARTICLE	IF	CITATIONS
1	Pigment cell signalling for physiological color change. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1997, 118, 1135-1144.	0.6	106
2	Evidence for the Involvement of the Crustacean Hyperglycemic Hormone in the Regulation of Lipid Metabolism. <i>Physiological Zoology</i> , 1997, 70, 415-420.	1.5	92
3	Biomarkers in croakers <i>Micropogonias furnieri</i> (Teleostei: Sciaenidae) from polluted and non-polluted areas from the Patos Lagoon estuary (Southern Brazil): Evidences of genotoxic and immunological effects. <i>Marine Pollution Bulletin</i> , 2006, 52, 199-206.	5.0	89
4	Lipids as energy source during salinity acclimation in the euryhaline crab <i>Chasmagnathus granulata</i> dana, 1851 (crustacea-grapsidae). <i>The Journal of Experimental Zoology</i> , 2003, 295A, 200-205.	1.4	78
5	Biochemical and physiological adaptations in the estuarine crab <i>Neohelice granulata</i> during salinity acclimation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 151, 423-436.	1.8	58
6	Reactive oxygen species generation and expression of DNA repair-related genes after copper exposure in zebrafish (<i>Danio rerio</i>) ZFL cells. <i>Aquatic Toxicology</i> , 2009, 95, 285-291.	4.0	53
7	Uptake, tissue distribution and depuration of triclosan in the guppy <i>Poecilia vivipara</i> acclimated to freshwater. <i>Science of the Total Environment</i> , 2016, 560-561, 218-224.	8.0	52
8	Time-course Expression of DNA Repair-related Genes in Hepatocytes of Zebrafish (<i>Danio rerio</i>) After UV-B Exposure. <i>Photochemistry and Photobiology</i> , 2009, 85, 220-226.	2.5	49
9	Respiratory mechanisms and metabolic adaptations of an intertidal crab, <i>Chasmagnathus granulata</i> (Dana, 1851). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987, 88, 21-25.	0.6	48
10	Daily variations in oxygen consumption, antioxidant defenses, and lipid peroxidation in the gills and hepatopancreas of an estuarine crab. <i>Canadian Journal of Zoology</i> , 2004, 82, 1871-1877.	1.0	44
11	Daily variation of melatonin content in the optic lobes of the crab <i>Neohelice granulata</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 149, 162-166.	1.8	33
12	Synthesis and antioxidant activity of new lipophilic dihydropyridines. <i>Bioorganic Chemistry</i> , 2019, 84, 1-16.	4.1	33
13	Silencing of Gonad-Inhibiting Hormone Transcripts in <i>Litopenaeus vannamei</i> Females by use of the RNA Interference Technology. <i>Marine Biotechnology</i> , 2016, 18, 117-123.	2.4	29
14	Importance of cholinesterase kinetic parameters in environmental monitoring using estuarine fish. <i>Chemosphere</i> , 2006, 65, 560-566.	8.2	27
15	Blood glucose regulation in an estuarine crab, <i>Chasmagnathus Granulata</i> (dana, 1851) exposed to different salinities. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987, 87, 1033-1035.	0.6	26
16	Possible role of non-classical chromatophorotropins on the regulation of the Crustacean Erythrophore. , 1999, 284, 711-716.		26
17	Effects of melatonin in connection with the antioxidant defense system in the gills of the estuarine crab <i>Neohelice granulata</i> . <i>General and Comparative Endocrinology</i> , 2010, 165, 229-236.	1.8	26
18	Antioxidant Defenses and DNA Damage Induced by UV-A and UV-B Radiation in the Crab <i>Chasmagnathus granulata</i> (Decapoda, Brachyura). <i>Photochemistry and Photobiology</i> , 2005, 81, 398.	2.5	26

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19	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
20	Effects of hypoxia and reoxygenation on the energetic metabolism of the crab <i>Neohelice granulata</i> (Decapoda, Varunidae). <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 445, 69-78.	1.5	23
21	Ultraviolet Radiation Induces Dose-Dependent Pigment Dispersion in Crustacean Chromatophores. <i>Pigment Cell & Melanoma Research</i> , 2004, 17, 545-548.	3.6	22
22	Effect of melatonin in the antioxidant defense system in the locomotor muscles of the estuarine crab <i>Neohelice granulata</i> (Decapoda, Brachyura). <i>General and Comparative Endocrinology</i> , 2010, 166, 72-82.	1.8	22
23	Circadian rhythm of pigment migration induced by chromatophorotropins in melanophores of the crab <i>Chasmagnathus granulata</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2004, 138, 313-319.	1.8	20
24	Carbohydrate metabolism during osmoregulation in <i>Chasmagnathus granulata</i> dana, 1851 (crustacea.) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i> 747-753.	0.2	19
25	Air exposure behavior of the semiterrestrial crab <i>Neohelice granulata</i> allows tolerance to severe hypoxia but not prevent oxidative damage due to hypoxiaâ€œreoxygenation cycle. <i>Physiology and Behavior</i> , 2015, 151, 97-101.	2.1	19
26	Effects of the parasite <i>Probopyrus ringueleti</i> (Isopoda) on glucose, glycogen and lipid concentration in starved <i>Palaemonetes argentinus</i> (Decapoda). <i>Diseases of Aquatic Organisms</i> , 2004, 58, 209-213.	1.0	18
27	A vortex-assisted MSPD method for triclosan extraction from fish tissues with determination by LC-MS/MS. <i>Analytical Methods</i> , 2014, 6, 8306-8313.	2.7	17
28	Action of the crustacean hyperglycemic hormone of <i>Chasmagnathus granulata</i> (Dana, 1851) (Decapoda:) <i>Tj ETQq0 0 0 rgBT /Overlock 1</i> 0,6 16	0.6	16
29	Damage caused during hypoxia and reoxygenation in the locomotor muscle of the crab <i>Neohelice granulata</i> (Decapoda: Varunidae). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 172, 1-9.	1.8	16
30	Evaluation of the antioxidant activities of fatty polyhydroquinolines synthesized by Hantzsch multicomponent reactions. <i>RSC Advances</i> , 2019, 9, 24688-24698.	3.6	16
31	UVA and UVB Penetration in the Water Column of a South West Atlantic Warm Temperate Estuary and its Effects on Cells and Fish Larvae. <i>Estuaries and Coasts</i> , 2015, 38, 1147-1162.	2.2	15
32	Cellular signalling of PCH-induced pigment aggregation in the crustacean <i>Macrobrachium potiuna</i> erythrophores. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1997, 167, 570-575.	1.5	12
33	Melatonin as a Signaling Molecule for Metabolism Regulation in Response to Hypoxia in the Crab <i>Neohelice granulata</i> . <i>International Journal of Molecular Sciences</i> , 2014, 15, 22405-22420.	4.1	12
34	Antioxidant activity stimulated by ultraviolet radiation in the nervous system of a crustacean. <i>Aquatic Toxicology</i> , 2015, 160, 151-162.	4.0	12
35	Effects of hypoxia and reoxygenation on the antioxidant defense system of the locomotor muscle of the crab <i>Neohelice granulata</i> (Decapoda, Varunidae). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 569-579.	1.5	10
36	Oxygen sensing in crustaceans: functions and mechanisms. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2021, 207, 1-15.	1.6	10

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37	Participation of nitric oxide in the color change induced by UV radiation in the crab <i>Chasmagnathus granulatus</i> . <i>Pigment Cell and Melanoma Research</i> , 2008, 21, 184-191.	3.3	9
38	Antioxidant defense system rhythms in crustaceans and possible roles for melatonin. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1448-1459.	1.8	9
39	Responses to ROS inducer agents in zebrafish cell line: differences between copper and UV-B radiation. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1817-1825.	2.3	8
40	Nanoencapsulated <i>Melaleuca alternifolia</i> essential oil exerts anesthetic effects in the brachyuran crab using <i>Neohelice granulata</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2855-2864.	0.8	8
41	Role of cyclic nucleotides in pigment translocation within the freshwater shrimp, <i>Macrobrachium potiana</i> , erythrophore. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1998, 168, 624-630.	1.5	7
42	Influence of the dark/light rhythm on the effects of UV radiation in the eyestalk of the crab <i>Neohelice granulata</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 343-350.	2.6	7
43	Protective role of the novel hybrid 3,5-dipalmitoyl-nifedipine in a cardiomyoblast culture subjected to simulated ischemia/reperfusion. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 356-364.	5.6	7
44	Participation of Na ⁺ /K ⁺ -ATPase and aquaporins in the uptake of water during moult processes in the shrimp <i>Palaemon argentinus</i> (Nobili, 1901). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019, 189, 523-535.	1.5	7
45	The effects of UV radiation on the visual system of the crab <i>Neohelice granulata</i> : A protective role of melatonin. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 427-434.	2.6	6
46	Nitric Oxide-dependent Pigment Migration Induced by Ultraviolet Radiation in Retinal Pigment Cells of the Crab <i>Neohelice granulata</i> . <i>Photochemistry and Photobiology</i> , 2010, 86, 1278-1284.	2.5	5
47	High temperature acclimation alters the emersion behavior in the crab <i>Neohelice granulata</i> . <i>Journal of Thermal Biology</i> , 2020, 91, 102617.	2.5	5
48	Emersion behavior of the semi-terrestrial crab <i>Neohelice granulata</i> during hypoxic conditions: Lactate as a trigger. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 252, 110835.	1.8	5
49	New fatty dihydropyridines present cardioprotective potential in H9c2 cardioblasts submitted to simulated ischemia and reperfusion. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1532-1540.	5.6	3
50	Long-chain fatty dihydropyridines: Docking calcium channel studies and antihypertensive activity. <i>Life Sciences</i> , 2020, 259, 118210.	4.3	3
51	Single and repeated low-dose UVB radiation exposures affect the visual system. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 209, 111941.	3.8	3
52	Infrared Radiation Influence on Molt and Regeneration of <i>Neohelice granulata</i> Dana, 1851 (Grapsidae, Sesarinae). <i>Photochemistry and Photobiology</i> , 2009, 85, 1134-1139.	2.5	2
53	Clock genes expression and locomotor activity are altered along the light-dark cycle in transgenic zebrafish overexpressing growth hormone. <i>Transgenic Research</i> , 2017, 26, 739-752.	2.4	2
54	Setogenesis and characterization of the new moult substages in the freshwater shrimp <i>Palaemon argentinus</i> (Nobili, 1901) (Caridea: Palaemonidae). <i>Nauplius</i> , 0, 27, .	0.3	2

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55	ANTIOXIDANT DEFENSES AND DNA DAMAGE INDUCED BY UVA AND UVB RADIATION IN THE CRAB <i>Chasmagnathus granulata</i> (DECAPODA, BRACHYURA). <i>Photochemistry and Photobiology</i> , 2004, 81, 398-403.	2.5	2
56	Melatonin does not affect the black pigment migration in the crab <i>Neohelice granulata</i> . <i>Biologia</i> (Poland), 2009, 64, 187-191.	1.5	1
57	Involvement of reactive oxygen species in the oleylethanolamide effects and its pyrazonilic analogue in melanoma cells. <i>Medicinal Chemistry Research</i> , 2017, 26, 2727-2736.	2.4	1
58	34.P1. Pigmented retinal cells from <i>Chasmagnathus granulatus</i> respond directly to pigment-dispersing hormone I ² -PDH. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, S146-S147.	1.8	0
59	Effects of seasonality and moult cycle on the proliferation of nerve cells and on the labelling of ecdysone receptors in an estuarine crab. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 293-300.	1.6	0
60	Can hypoosmotic shock and calcium influx lead to translocation of aquaporinâ€”1 in shrimp muscle cells?. <i>Cell Biology International</i> , 2022, 46, 976-985.	3.0	0
61	Influence of seasonality and sex on the behavioral thermoregulation of the crab <i>Neohelice granulata</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2022, 550, 151717.	1.5	0