Eduardo Alves de Almeida

List of Publications by Year in Descending Order

105 papers	2,746 citations	28 h-index	48 g-index
114 ext. papers	3,162 ext. citations	4.9 avg, IF	4.9 L-index

#	Paper	IF	Citations
105	Environmentally realistic concentrations of cocaine in seawater disturbed neuroendrocrine parameters and energy status in the marine mussel Perna perna. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2022**, 251, 109198	3.2	1
104	Influence of temperature on biomarker responses and histology of the liver of American bullfrog tadpoles (Lithobates catesbeianus, Shaw, 1802) exposed to the herbicide Tebuthiuron. *Science of the Total Environment*, **2021**, 771, 144971	10.2	1
103	Oxidative stress biomarkers in treatment-responsive and treatment-resistant schizophrenia patients.. *Trends in Psychiatry and Psychotherapy*, **2021**, 43, 278-285	2.3	2
102	Herbicides employed in sugarcane plantations have lethal and sublethal effects to larval Boana pardalis (Amphibia, Hylidae). *Ecotoxicology*, **2020**, 29, 1043-1051	2.9	10
101	Oxidative stress, biotransformation enzymes and histopathological alterations in Nile tilapia (Oreochromis niloticus) exposed to new and used automotive lubricant oil. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 234, 108770	3.2	5
100	Fish biomarker responses to perturbation by drought in streams. *Neotropical Ichthyology*, **2020**, 18,	1.3	2
99	Decreased malondialdehyde levels in fish (Astyanax altiparanae) exposed to diesel: Evidence of metabolism by aldehyde dehydrogenase in the liver and excretion in water. *Ecotoxicology and Environmental Safety*, **2020**, 190, 110107	7	13
98	Short-term spatiotemporal biomarker changes in oysters transplanted to an anthropized estuary in Southern Brazil. *Science of the Total Environment*, **2020**, 709, 136042	10.2	6
97	Metal bioaccumulation, oxidative stress and antioxidant responses in oysters Crassostrea gasar transplanted to an estuary in southern Brazil. *Science of the Total Environment*, **2019**, 685, 332-344	10.2	20
96	Stress responses in Crassostrea gasar exposed to combined effects of acute pH changes and phenanthrene. *Science of the Total Environment*, **2019**, 678, 585-593	10.2	9
95	Effects of methylphenidate on the aggressive behavior, serotonin and dopamine levels, and dopamine-related gene transcription in brain of male Nile tilapia (Oreochromis niloticus). *Fish Physiology and Biochemistry*, **2019**, 45, 1377-1391	2.7	4
94	Research Article Genetic and biochemical biomarkers related to oxidative stress in patients with schizophrenia. *Genetics and Molecular Research*, **2019**, 18,	1.2	2
93	Neurotoxicity in zebrafish exposed to carbon nanotubes: Effects on neurotransmitters levels and antioxidant system. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 218, 30-35	3.2	19
92	Prolonged erythrocyte auto-incubation as an alternative model for oxidant generation system. *Toxicology in Vitro*, **2019**, 56, 62-74	3.6	4
91	Oxidative stress in patients with refractory temporal lobe epilepsy and mesial temporal sclerosis: Possible association with major depressive disorder?. *Epilepsy and Behavior*, **2018**, 80, 191-196	3.2	9
90	A tiered approach to assess effects of diclofenac on the brown mussel Perna perna: A contribution to characterize the hazard. *Water Research*, **2018**, 132, 361-370	12.5	43
89	Isolated and mixed effects of diuron and its metabolites on biotransformation enzymes and oxidative stress response of Nile tilapia (Oreochromis niloticus). *Ecotoxicology and Environmental Safety*, **2018**, 149, 248-256	7	19

88	Diuron metabolites act as endocrine disruptors and alter aggressive behavior in Nile tilapia (Oreochromis niloticus). *Chemosphere*, **2018**, 191, 832-838	8.4	29
87	Biochemical and molecular responses in oysters Crassostrea brasiliana collected from estuarine aquaculture areas in Southern Brazil. *Marine Pollution Bulletin*, **2018**, 135, 110-118	6.7	11
86	Molecular and cellular effects of temperature in oysters Crassostrea brasiliana exposed to phenanthrene. *Chemosphere*, **2018**, 209, 307-318	8.4	10
85	Eye malformation baseline in Scinax fuscovarius larvae populations that inhabit agroecosystem ponds in southern Brazil. *Amphibia - Reptilia*, **2018**, 39, 325-334	1.2	5
84	Estrogenic and anti-androgenic effects of the herbicide tebuthiuron in male Nile tilapia (Oreochromis niloticus). *Aquatic Toxicology*, **2018**, 194, 86-93	5.1	18
83	Evaluation of melatonin and AFMK levels in women with breast cancer. *Endocrine*, **2018**, 62, 242-249	4	17
82	Influence of rearing temperature and feed format in the development of the pendulous crop in broilers. *Poultry Science*, **2018**, 97, 3556-3563	3.9	1
81	Effects of parabens on antioxidant system and oxidative damages in Nile tilapia (Oreochromis niloticus). *Ecotoxicology and Environmental Safety*, **2018**, 162, 85-91	7	27
80	Hypoxia effects on oxidative stress and immunocompetence biomarkers in the mussel Perna perna (Mytilidae, Bivalvia). *Marine Environmental Research*, **2017**, 126, 109-115	3.3	34
79	Impact of genetic polymorphisms in key enzymes of homocysteine metabolism on the pathophysiology of sickle cell anemia. *Free Radical Biology and Medicine*, **2017**, 106, 53-61	7.8	4
78	Influence of temperature on the antioxidant responses and lipid peroxidation of two species of tadpoles (Rhinella schneideri and Physalaemus nattereri) exposed to the herbicide sulfentrazone (Boral 500SC). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 197, 32-44	3.2	6
77	Thermal behavior of alternative materials used as roof and efficiency of the reflective painting on the external face. *Revista Facultad De Ingenier*, **2017**, 68-73	1	1
76	Combined effects of temperature and clomazone (Gamit) on oxidative stress responses and B-esterase activity of Physalaemus nattereri (Leiuperidae) and Rhinella schneideri (Bufonidae) tadpoles. *Chemosphere*, **2017**, 185, 548-562	8.4	19
75	Poultry rearing on perforated plastic floors and the effect on air quality, growth performance, and carcass injuries-Experiment 1: Thermal Comfort. *Poultry Science*, **2017**, 96, 3155-3162	3.9	14
74	Relationship between adenosine deaminase polymorphism (c.22G > A) and oxidative stress in sickle cell anemia. *Meta Gene*, **2017**, 11, 172-177	0.7	
73	Biochemical effects of fipronil and its metabolites on lipid peroxidation and enzymatic antioxidant defense in tadpoles (Eupemphix nattereri: Leiuperidae). *Ecotoxicology and Environmental Safety*, **2017**, 136, 173-179	7	38
72	Effects of alkylphenols on the biotransformation of diuron and enzymes involved in the synthesis and clearance of sex steroids in juvenile male tilapia (Oreochromus mossambica). *Aquatic Toxicology*, **2016**, 180, 345-352	5.1	13
71	Influence of Temperature on the Thyroidogenic Effects of Diuron and Its Metabolite 3,4-DCA in Tadpoles of the American Bullfrog (Lithobates catesbeianus). *Environmental Science & Technology*, **2016**, 50, 13095-13104	10.3	26

70	Gills as a glutathione-dependent metabolic barrier in Pacific oysters Crassostrea gigas: Absorption, metabolism and excretion of a model electrophile. *Aquatic Toxicology*, **2016**, 173, 105-119	5.1	26
69	Effects of ammonia stress in the Amazon river shrimp Macrobrachium amazonicum (Decapoda, Palaemonidae). *Aquatic Toxicology*, **2016**, 170, 13-23	5.1	35
68	Effects of re-stripping on the seminal characteristics of pacu (Piaractus mesopotamicus) during the breeding season. *General and Comparative Endocrinology*, **2016**, 225, 162-173	3	10
67	Evaluation of Diuron Tolerance and Biotransformation by Fungi from a Sugar Cane Plantation Sandy-Loam Soil. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 9268-9275	5.7	8
66	Exposure to phenanthrene and depuration: Changes on gene transcription, enzymatic activity and lipid peroxidation in gill of scallops Nodipecten nodosus. *Aquatic Toxicology*, **2016**, 177, 146-55	5.1	33
65	Estrogenic activities of diuron metabolites in female Nile tilapia (Oreochromis niloticus). *Chemosphere*, **2016**, 146, 497-502	8.4	20
64	Antioxidant Defense System of Tadpoles (Eupemphix nattereri) Exposed to Changes in Temperature and pH. *Zoological Science*, **2016**, 33, 186-94	0.8	10
63	How heat stress (continuous or cyclical) interferes with nutrient digestibility, energy and nitrogen balances and performance in broilers. *Livestock Science*, **2016**, 192, 39-43	1.7	27
62	Anti-androgenic activities of diuron and its metabolites in male Nile tilapia (Oreochromis niloticus). *Aquatic Toxicology*, **2015**, 164, 10-5	5.1	29
61	Prevalence of (δ)-globin gene haplotypes, Ethalassemia (3.7 kb deletion) and redox status in patients with sickle cell anemia in the state of Paran□Brazil. *Genetics and Molecular Biology*, **2015**, 38, 316-23	2	5
60	Effect of Melatonin Intake on Oxidative Stress Biomarkers in Male Reproductive Organs of Rats under Experimental Diabetes. *Oxidative Medicine and Cellular Longevity*, **2015**, 2015, 614579	6.7	19
59	Biochemical responses in mussels Perna perna exposed to diesel B5. *Chemosphere*, **2015**, 134, 210-6	8.4	9
58	E2 potentializes benzo(a)pyrene-induced hepatic cytochrome P450 enzyme activities in Nile tilapia at high concentrations. *Environmental Science and Pollution Research*, **2015**, 22, 17367-74	5.1	6
57	Biochemical responses, morphometric changes, genotoxic effects and CYP1A expression in the armored catfish Pterygoplichthys anisitsi after 15 days of exposure to mineral diesel and biodiesel. *Ecotoxicology and Environmental Safety*, **2015**, 115, 26-32	7	13
56	Potential utility of melatonin as an antioxidant therapy in the management of sickle cell anemia. *Journal of Pineal Research*, **2015**, 58, 178-88	10.4	12
55	Prostate hyperplasia caused by long-term obesity is characterized by high deposition of extracellular matrix and increased content of MMP-9 and VEGF. *International Journal of Experimental Pathology*, **2015**, 96, 21-30	2.8	24
54	Interaction of curcumin with manganese may compromise metal and neurotransmitter homeostasis in the hippocampus of young mice. *Biological Trace Element Research*, **2014**, 158, 399-409	4.5	11
53	Effect of mixture of diazinon and benzo[a]pyrene in Glutathione S-transferase of Nile tilapia. *Mundo Da Saude*, **2014**, 9-15	1.8	

52	Influence of ß allele in the lipid peroxidation and antioxidant capacity parameters. *International Journal of Laboratory Hematology*, **2014**, 36, 205-12	2.5	
51	Genetic and biochemical markers of hydroxyurea therapeutic response in sickle cell anemia. *BMC Medical Genetics*, **2013**, 14, 108	2.1	12
50	Oxidative stress in sickle cell disease: an overview of erythrocyte redox metabolism and current antioxidant therapeutic strategies. *Free Radical Biology and Medicine*, **2013**, 65, 1101-1109	7.8	70
49	Pollution-induced metabolic responses in hypoxia-tolerant freshwater turtles. *Ecotoxicology and Environmental Safety*, **2013**, 97, 1-9	7	8
48	Characterization of esterase patterns in hepatopancreas of three species of Macrobrachium (Palaemonidae). *Biochemical Systematics and Ecology*, **2013**, 47, 132-138	1.4	10
47	Biochemical responses in armored catfish (Pterygoplichthys anisitsi) after short-term exposure to diesel oil, pure biodiesel and biodiesel blends. *Chemosphere*, **2013**, 93, 311-9	8.4	15
46	Biochemical biomarkers in Scinax fuscovarius tadpoles exposed to a commercial formulation of the pesticide fipronil. *Marine Environmental Research*, **2013**, 91, 61-7	3.3	28
45	In vitro and in vivo inhibition of acetylcholinesterase and carboxylesterase by metals in zebrafish (Danio rerio). *Marine Environmental Research*, **2013**, 91, 45-51	3.3	60
44	Thermal comfort in reduced models of broilersÝhouses, under different types of roofing materials. *Engenharia Agricola*, **2013**, 33, 19-27	0.6	9
43	Oxidative stress and antioxidant capacity in sickle cell anaemia patients receiving different treatments and medications for different periods of time. *Annals of Hematology*, **2012**, 91, 479-89	3	20
42	Fullerene and omega-3 and omega-6 fatty acids on fish brain antioxidant status. *Fish Physiology and Biochemistry*, **2012**, 38, 1477-85	2.7	4
41	Evaluation of reflective painting of the roof and artificial ventilation on performance and carcass yield of broilers. *Revista Brasileira De Zootecnia*, **2012**, 41, 1769-1774	1.2	2
40	In vitro exposure to fullerene C(60) influences redox state and lipid peroxidation in brain and gills from Cyprinus carpio (Cyprinidae). *Environmental Toxicology and Chemistry*, **2012**, 31, 961-7	3.8	20
39	Oxidative stress markers and apoptosis in the prostate of diabetic rats and the influence of vitamin C treatment. *Journal of Cellular Biochemistry*, **2012**, 113, 2223-33	4.7	13
38	The influence of hydroxyurea on oxidative stress in sickle cell anemia. *Revista Brasileira De Hematologia E Hemoterapia*, **2012**, 34, 421-5		24
37	Evaluation of Glutathione Status in Aquatic Organisms **2011**, 381-388		5
36	Evaluation of Malondialdehyde Levels **2011**, 440-447		8
35	Evaluation of Oxidative DNA Damage in Aquatic Animals: Comet Assays and 8-Oxo-7,8-Dihidro-2?-Deoxyguanosine Levels **2011**, 465-474		

34	Carotenoid Analysis and Identification in Marine Animals **2011**, 402-411		
33	Evaluation of DNA Adducts Formed by Lipid Peroxidation by-Products **2011**, 475-486		
32	Role of Singlet Molecular Oxygen in the Oxidative Damage to Biomolecules **2011**, 344-358		
31	Relationship between oxidative stress, glutathione S-transferase polymorphisms and hydroxyurea treatment in sickle cell anemia. *Blood Cells, Molecules, and Diseases*, **2011**, 47, 23-8	2.1	36
30	Salinity influences glutathione S-transferase activity and lipid peroxidation responses in the Crassostrea gigas oyster exposed to diesel oil. *Science of the Total Environment*, **2011**, 409, 1976-83	10.2	53
29	Biochemical biomarkers in Nile tilapia (Oreochromis niloticus) after short-term exposure to diesel oil, pure biodiesel and biodiesel blends. *Chemosphere*, **2011**, 85, 97-105	8.4	22
28	Oxidative stress in Nile tilapia (Oreochromis niloticus) and armored catfish (Pterygoplichthys anisitsi) exposed to diesel oil. *Environmental Monitoring and Assessment*, **2011**, 180, 243-55	3.1	37
27	Measurement of melatonin in body fluids: standards, protocols and procedures. *Childs Nervous System*, **2011**, 27, 879-91	1.7	84
26	Biochemical biomarkers in Oreochromis niloticus exposed to mixtures of benzo[a]pyrene and diazinon. *Ecotoxicology and Environmental Safety*, **2010**, 73, 858-63	7	32
25	Biochemical biomarkers and metals in Perna perna mussels from mariculture zones of Santa Catarina, Brazil. *Ecotoxicology and Environmental Safety*, **2010**, 73, 796-804	7	55
24	Serum melatonin level and oxidative stress in sickle cell anemia. *Blood Cells, Molecules, and Diseases* , **2010**, 45, 297-301	2.1	12
23	Esterase inhibition in tadpoles of Scinax fuscovarius (Anura, Hylidae) as a biomarker for exposure to organophosphate pesticides. *Environmental Science and Pollution Research*, **2010**, 17, 1411-21	5.1	17
22	Assessment of Do□na National Park contamination in Procambarus clarkii: integration of conventional biomarkers and proteomic approaches. *Science of the Total Environment*, **2009**, 407, 1784-97	10.2	65
21	Biochemical and proteomic effects in Procambarus clarkii after chlorpyrifos or carbaryl exposure under sublethal conditions. *Biomarkers*, **2009**, 14, 299-310	2.6	21
20	Do□na National Park survey using crayfish (Procambarus clarkii) as bioindicator: esterase inhibition and pollutant levels. *Toxicology Letters*, **2007**, 168, 260-8	4.4	42
19	Oxidative stress in Perna perna and other bivalves as indicators of environmental stress in the Brazilian marine environment: antioxidants, lipid peroxidation and DNA damage. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2007**, 146, 588-600	2.6	178
18	Oxidative DNA damage levels and catalase activity in the clam Ruditapes decussatus as pollution biomarkers of Tunisian marine environment. *Environmental Monitoring and Assessment*, **2007**, 124, 195-200	3.1	49
17	Esterases as pesticide biomarkers in crayfish (Procambarus clarkii, Crustacea): tissue distribution, sensitivity to model compounds and recovery from inactivation. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2007**, 145, 404-12	3.2	20

16	Effects of aerial exposure on antioxidant defenses in the brown mussel Perna perna. *Brazilian Archives of Biology and Technology*, **2006**, 49, 225-229	1.8	36
15	Effects of malathion and cadmium on acetylcholinesterase activity and metallothionein levels in the fish Seriola dumerilli. *Fish Physiology and Biochemistry*, **2006**, 32, 93-8	2.7	71
14	Measurement of melatonin and its metabolites: importance for the evaluation of their biological roles. *Endocrine*, **2005**, 27, 111-8		24
13	Inhibition of 5-aminolevulinic acid-induced DNA damage by melatonin, N1-acetyl-N2-formyl-5-methoxykynuramine, quercetin or resveratrol. *Journal of Pineal Research*, **2005**, 38, 107-15	10.4	73
12	Oxidative stress in digestive gland and gill of the brown mussel (Perna perna) exposed to air and re-submersed. *Journal of Experimental Marine Biology and Ecology*, **2005**, 318, 21-30	2.1	116
11	Protective effect of phospholipid hydroperoxide glutathione peroxidase (PHGPx) against lipid peroxidation in mussels Perna perna exposed to different metals. *Marine Pollution Bulletin*, **2004**, 49, 386-92	6.7	131
10	Synthesis of internal labeled standards of melatonin and its metabolite N1-acetyl-N2-formyl-5-methoxykynuramine for their quantification using an on-line liquid chromatography-electrospray tandem mass spectrometry system. *Journal of Pineal Research*, **2004**, 36, 64-71	10.4	23
9	Effects of captivity and eyestalk ablation on antioxidant status of shrimps (Farfantepenaeus paulensis). *Aquaculture*, **2004**, 238, 523-528	4.4	7
8	DNA and lipid damage in the brown mussel Perna perna from a contaminated site. *Bulletin of Environmental Contamination and Toxicology*, **2003**, 71, 270-5	2.7	15
7	Effects of trace metal and exposure to air on serotonin and dopamine levels in tissues of the mussel Perna perna. *Marine Pollution Bulletin*, **2003**, 46, 1485-90	6.7	21
6	Direct evidence of singlet molecular oxygen [O2(1Δg)] production in the reaction of acetonitrile with hydrogen peroxide in alkaline solutions. *Analytica Chimica Acta*, **2003**, 482, 99-104	6.6	18
5	Oxidation of melatonin by singlet molecular oxygen (O2(1deltag)) produces N1-acetyl-N2-formyl-5-methoxykynurenine. *Journal of Pineal Research*, **2003**, 35, 131-7	10.4	63
4	Oxidative and alkylating damage in DNA. *Mutation Research - Reviews in Mutation Research*, **2003**, 544, 115-27	7	163
3	DNA damage in digestive gland and mantle tissue of the mussel Perna perna. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2003**, 135C, 295-303	3.2	15
2	Oxidative stress in the mussel Mytella guyanensis from polluted mangroves on Santa Catarina Island, Brazil. *Marine Pollution Bulletin*, **2002**, 44, 923-32	6.7	160
1	Biochemical responses in farmed mussel Perna perna transplanted to contaminated sites on Santa Catarina Island, SC, Brazil. *Marine Environmental Research*, **2000**, 50, 411-6	3.3	36