Alcir Luiz DafrÃ©

List of Publications by Year
in descending order

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133	4,489	81900	123424
papers	citations	39 h-index	61 g-index

134	134	134	6006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vitamin E for the management of major depressive disorder: possible role of the anti-inflammatory and antioxidant systems. Nutritional Neuroscience, 2022, 25, 1310-1324.	3.1	31
2	Oxidative damage in Nile tilapia, Oreochromis niloticus, is mainly induced by water temperature variation rather than Aurantiochytrium sp. meal dietary supplementation. Fish Physiology and Biochemistry, 2022, 48, 85-99.	2.3	3
3	Involvement of serotonergic neurotransmission in the antidepressant-like effect elicited by cholecalciferol in the chronic unpredictable stress model in mice. Metabolic Brain Disease, 2022, 37, 1597-1608.	2.9	5
4	Aerobic Exercise Attenuates Kidney Injury, Improves Physical Performance, and Increases Antioxidant Defenses in Lungs of Adenine-Induced Chronic Kidney Disease Mice. Inflammation, 2022, 45, 1895-1910.	3.8	1
5	Methylglyoxal-Mediated Dopamine Depletion, Working Memory Deficit, and Depression-Like Behavior Are Prevented by a Dopamine/Noradrenaline Reuptake Inhibitor. Molecular Neurobiology, 2021, 58, 735-749.	4.0	19
6	Aerobic exercise ameliorates survival, clinical score, lung inflammation, DNA and protein damage in septic mice. Cytokine, 2021, 140, 155401.	3.2	2
7	Dietary supplementation with increasing doses of an organic micromineral complex on juvenile Nile tilapia: Effects on the antioxidant defense system and tissue deposition. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 260, 111039.	1.8	1
8	Rapid and persistent loss of TXNIP in HT22 neuronal cells under carbonyl and hyperosmotic stress. Neurochemistry International, 2020, 132, 104585.	3.8	4
9	Vulnerability of glutathione-depleted Crassostrea gigas oysters to Vibrio species. Marine Environmental Research, 2020, 154, 104870.	2.5	8
10	Repeated Methylglyoxal Treatment Depletes Dopamine in the Prefrontal Cortex, and Causes Memory Impairment and Depressive-Like Behavior in Mice. Neurochemical Research, 2020, 45, 354-370.	3.3	28
11	Multiple cellular targets involved in the antidepressant-like effect of glutathione. Chemico-Biological Interactions, 2020, 328, 109195.	4.0	4
12	The potential of bacterial cultures to degrade the mutagen 2-methyl-1,4-dinitro-pyrrole in a processed meat model. Food Research International, 2020, 136, 109441.	6.2	3
13	Neuroprotective effects of melatonin against neurotoxicity induced by intranasal sodium dimethyldithiocarbamate administration in mice. NeuroToxicology, 2020, 80, 144-154.	3.0	2
14	The effect of voluntary wheel running on the antioxidant status is dependent on sociability conditions. Pharmacology Biochemistry and Behavior, 2020, 198, 173018.	2.9	1
15	Fructose Intake Impairs Cortical Antioxidant Defenses Allied to Hyperlocomotion in Middle-Aged C57BL/6 Female Mice. Neurochemical Research, 2020, 45, 2868-2883.	3.3	4
16	Glutathione in Chlorpyrifos-and Chlorpyrifos-Oxon-Induced Toxicity: a Comparative Study Focused on Non-cholinergic Toxicity in HT22 Cells. Neurotoxicity Research, 2020, 38, 603-610.	2.7	14
17	The role of vitamin C in stress-related disorders. Journal of Nutritional Biochemistry, 2020, 85, 108459.	4.2	60
18	Protective effects against memory impairment induced by methylglyoxal in mice co-treated with FPS-ZM1, an advanced glycation end products receptor antagonist. Acta Neurobiologiae Experimentalis, 2020, 80, 364-374.	0.7	6

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19	Transcriptional effects in the estuarine guppy Poecilia vivipara exposed to sanitary sewage in laboratory and in situ. Ecotoxicology and Environmental Safety, 2019, 182, 109411.	6.0	6
20	Two epizootic Perkinsus spp. events in commercial oyster farms at Santa Catarina, Brazil. Journal of Fish Diseases, 2019, 42, 455-463.	1.9	12
21	Hyperosmotic Stress Initiates AMPK-Independent Autophagy and AMPK- and Autophagy-Independent Depletion of Thioredoxin 1 and Glyoxalase 2 in HT22 Nerve Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10.	4.0	6
22	Peroxiredoxin expression and redox status in neutrophils and HL-60â€˜cells. Free Radical Biology and Medicine, 2019, 135, 227-234.	2.9	8
23	Twenty years of the â€˜Preparation for Oxidative Stressâ€™ (POS) theory: Ecophysiological advantages and molecular strategies. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 234, 36-49.	1.8	88
24	Phaseolin ingestion affects vesicular traffic causing oxidative stress in the midgut of Callosobruchus maculatus larvae. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 228, 34-40.	1.6	4
25	Pulmonary and muscle profile in pneumosepsis: A temporal analysis of inflammatory markers. Cytokine, 2019, 114, 128-134.	3.2	1
26	Diphenyl diselenide protects neuronal cells against oxidative stress and mitochondrial dysfunction: Involvement of the glutathione-dependent antioxidant system. Redox Biology, 2019, 20, 118-129.	9.0	41
27	Intranasal administration of sodium dimethyldithiocarbamate induces motor deficits and dopaminergic dysfunction in mice. NeuroToxicology, 2018, 66, 107-120.	3.0	10
28	Lipopolysaccharide-InducedÂStriatal Nitrosative Stress and Impaired Social Recognition Memory Are Not Magnified by Paraquat Coexposure. Neurochemical Research, 2018, 43, 745-759.	3.3	7
29	First evidence of viral and bacterial oyster pathogens in the Brazilian coast. Journal of Fish Diseases, 2018, 41, 559-563.	1.9	8
30	Luteinizing Hormone and Testosterone Levels during Acute Phase of Severe Traumatic Brain Injury: Prognostic Implications for Adult Male Patients. Frontiers in Endocrinology, 2018, 9, 29.	3.5	10
31	High-Intensity Exercise Prevents Disturbances in Lung Inflammatory Cytokines and Antioxidant Defenses Induced by Lipopolysaccharide. Inflammation, 2018, 41, 2060-2067.	3.8	13
32	Pramipexole, a Dopamine D2/D3 Receptor-Preferring Agonist, Prevents Experimental Autoimmune Encephalomyelitis Development in Mice. Molecular Neurobiology, 2017, 54, 1033-1045.	4.0	48
33	RA Differentiation Enhances Dopaminergic Features, Changes Redox Parameters, and Increases Dopamine Transporter Dependency in 6-Hydroxydopamine-Induced Neurotoxicity in SH-SY5Y Cells. Neurotoxicity Research, 2017, 31, 545-559.	2.7	37
34	Hypoxia effects on oxidative stress and immunocompetence biomarkers in the mussel Perna perna (Mytilidae, Bivalvia). Marine Environmental Research, 2017, 126, 109-115.	2.5	54
35	Upregulating Nrf2-dependent antioxidant defenses in Pacific oysters Crassostrea gigas: Investigating the Nrf2/Keap1 pathway in bivalves. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 195, 16-26.	2.6	20
36	Methylglyoxal-Induced Protection Response and Toxicity: Role of Glutathione Reductase and Thioredoxin Systems. Neurotoxicity Research, 2017, 32, 340-350.	2.7	13

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37	Inhibition of reductase systems by 2-AAPA modulates peroxiredoxin oxidation and mitochondrial function in A172 glioblastoma cells. Toxicology in Vitro, 2017, 42, 273-280.	2.4	9
38	Methylglyoxal-induced AMPK activation leads to autophagic degradation of thioredoxin 1 and glyoxalase 2 in HT22 nerve cells. Free Radical Biology and Medicine, 2017, 108, 270-279.	2.9	31
39	Contrasting effects of a classic Nrf2 activator, tert-butylhydroquinone, on the glutathione-related antioxidant defenses in Pacific oysters, Crassostrea gigas. Marine Environmental Research, 2017, 130, 142-149.	2.5	9
40	Antidepressant-like effect of pramipexole in an inflammatory model of depression. Behavioural Brain Research, 2017, 320, 365-373.	2.2	36
41	Thiol oxidation of hemolymph proteins in oysters Crassostrea brasiliana as markers of oxidative damage induced by urban sewage exposure. Environmental Toxicology and Chemistry, 2017, 36, 1833-1845.	4.3	9
42	Effects of ascorbic acid on anxiety state and affect in a non-clinical sample. Acta Neurobiologiae Experimentalis, 2017, 77, 362-372.	0.7	10
43	Effects of ascorbic acid on anxiety state and affect in a non-clinical sample. Acta Neurobiologiae Experimentalis, 2017, 77, 362-372.	0.7	6
44	Copper at low levels impairs memory of adult zebrafish (Danio rerio) and affects swimming performance of larvae. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 185-186, 122-130.	2.6	34
45	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.	4.0	32
46	Modulation of Brain Glutathione Reductase and Peroxiredoxin 2 by Î±-Tocopheryl Phosphate. Cellular and Molecular Neurobiology, 2016, 36, 1015-1022.	3.3	4
47	Effects of High-Intensity Swimming on Lung Inflammation and Oxidative Stress in a Murine Model of DEP-Induced Injury. PLoS ONE, 2015, 10, e0137273.	2.5	18
48	Biochemical responses in mussels Perna perna exposed to diesel B5. Chemosphere, 2015, 134, 210-216.	8.2	13
49	CYP-dependent induction of glutathione S-transferase in Daphnia similis exposed to a disperse azo dye. Ecotoxicology, 2015, 24, 232-237.	2.4	12
50	Methylglyoxal, the foe and friend of glyoxalase and Trx/TrxR systems in HT22 nerve cells. Free Radical Biology and Medicine, 2015, 89, 8-19.	2.9	34
51	How important are glutathione and thiol reductases to oyster hemocyte function?. Fish and Shellfish Immunology, 2015, 46, 566-572.	3.6	20
52	Effects of Swimming on the Inflammatory and Redox Response in a Model of Allergic Asthma. International Journal of Sports Medicine, 2015, 36, 579-584.	1.7	12
53	Perspectives on Molecular Biomarkers of Oxidative Stress and Antioxidant Strategies in Traumatic Brain Injury. BioMed Research International, 2014, 2014, 1-18.	1.9	74
54	Gills are an initial target of zinc oxide nanoparticles in oysters Crassostrea gigas, leading to mitochondrial disruption and oxidative stress. Aquatic Toxicology, 2014, 153, 27-38.	4.0	84

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55	Zinc causes acute impairment of glutathione metabolism followed by coordinated antioxidant defenses amplification in gills of brown mussels Perna perna. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 159, 22-30.	2.6	49
56	The biological importance of glutathione peroxidase and peroxiredoxin backup systems in bivalves during peroxide exposure. Marine Environmental Research, 2014, 101, 81-90.	2.5	23
57	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.	3.5	12
58	N-acetylcysteine does not protect behavioral and biochemical toxicological effect after acute exposure of diphenyl ditelluride. Toxicology Mechanisms and Methods, 2014, 24, 529-535.	2.7	4
59	A light in the darkness: New biotransformation genes, antioxidant parameters and tissue-specific responses in oysters exposed to phenanthrene. Aquatic Toxicology, 2014, 152, 324-334.	4.0	71
60	Antidepressant-like action of the bark ethanolic extract from Tabebuia avellanedae in the olfactory bulbectomized mice. Journal of Ethnopharmacology, 2013, 145, 737-745.	4.1	26
61	Glutathione and iron at the crossroad of redox metabolism in rats infected by Trypanosoma evansi. Parasitology Research, 2013, 112, 2361-2366.	1.6	5
62	Sub-acute administration of (S)-dimethyl 2-(3-(phenyltellanyl) propanamido) succinate induces toxicity and oxidative stress in mice: unexpected effects of N-acetylcysteine. SpringerPlus, 2013, 2, 182.	1.2	4
63	Protective effects of diphenyl diselenide in a mouse model of brain toxicity. Chemico-Biological Interactions, 2013, 206, 18-26.	4.0	42
64	Confinement during field studies may jeopardize antioxidant and physiological responses of Nile tilapia to contaminants. Marine Environmental Research, 2013, 91, 97-103.	2.5	4
65	Antidepressant-like responses in the forced swimming test elicited by glutathione and redox modulation. Behavioural Brain Research, 2013, 253, 165-172.	2.2	27
66	Fluoxetine modulates hippocampal cell signaling pathways implicated in neuroplasticity in olfactory bulbectomized mice. Behavioural Brain Research, 2013, 237, 176-184.	2.2	56
67	Growth and stress of dourado cultivated in cages at different stocking densities. Pesquisa Agropecuaria Brasileira, 2013, 48, 1145-1149.	0.9	3
68	Biochemical changes in Salminus brasiliensis due to successive captures and stocking densities. Acta Scientiarum - Biological Sciences, 2013, 35, .	0.3	6
69	Diphenyl ditelluride targets brain selenoproteins in vivo: inhibition of cerebral thioredoxin reductase and glutathione peroxidase in mice after acute exposure. Molecular and Cellular Biochemistry, 2012, 370, 173-182.	3.1	18
70	Antioxidant deficit in gills of Pacific oyster (Crassostrea gigas) exposed to chlorodinitrobenzene increases menadione toxicity. Aquatic Toxicology, 2012, 108, 85-93.	4.0	24
71	Cellular and Transcriptional Responses of Crassostrea gigas Hemocytes Exposed in Vitro to Brevetoxin (PbTx-2). Marine Drugs, 2012, 10, 583-597.	4.6	53
72	Selenium in water enhances antioxidant defenses and protects against copper-induced DNA damage in the blue mussel Mytilus edulis. Aquatic Toxicology, 2011, 101, 64-71.	4.0	55

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73	Effects of K074 and pralidoxime on antioxidant and acetylcholinesterase response in malathion-poisoned mice. NeuroToxicology, 2011, 32, 888-895.	3.0	20
74	Protective effects of organoselenium compounds against methylmercury-induced oxidative stress in mouse brain mitochondrial-enriched fractions. Brazilian Journal of Medical and Biological Research, 2011, 44, 1156-1163.	1.5	15
75	A study of the relative importance of the peroxiredoxin-, catalase-, and glutathione-dependent systems in neural peroxide metabolism. Free Radical Biology and Medicine, 2011, 51, 69-77.	2.9	48
76	Protective effects of Polygala paniculata extract against methylmercury-induced neurotoxicity in miceâ€. Journal of Pharmacy and Pharmacology, 2010, 57, 1503-1508.	2.4	81
77	Protective effect of crude extract from Wedelia paludosa (Asteraceae) on the hepatotoxicity induced by paracetamol in mice. Journal of Pharmacy and Pharmacology, 2010, 58, 137-142.	2.4	13
78	Acute exposure of rabbits to diphenyl diselenide: a toxicological evaluation. Journal of Applied Toxicology, 2010, 30, 761-768.	2.8	14
79	In vitro Reactivating Effects of Standard and Newly Developed Oximes on Malaoxonâ€Inhibited Mouse Brain Acetylcholinesterase. Basic and Clinical Pharmacology and Toxicology, 2010, 107, 768-773.	2.5	5
80	Gender Effects of Acute Malathion or Zinc Exposure on the Antioxidant Response of Rat Hippocampus and Cerebral Cortex. Basic and Clinical Pharmacology and Toxicology, 2010, 107, 965-970.	2.5	13
81	Folic acid administration prevents ouabainâ€induced hyperlocomotion and alterations in oxidative stress markers in the rat brain. Bipolar Disorders, 2010, 12, 414-424.	1.9	40
82	Expression of Tyrosine Hydroxylase Increases the Resistance of Human Neuroblastoma Cells to Oxidative Insults. Toxicological Sciences, 2010, 113, 150-157.	3.1	21
83	Biochemical alterations in caged Nile tilapia Oreochromis niloticus. Ecotoxicology and Environmental Safety, 2010, 73, 864-872.	6.0	14
84	Î±-Tocopherol administration produces an antidepressant-like effect in predictive animal models of depression. Behavioural Brain Research, 2010, 209, 249-259.	2.2	56
85	Structureâ€“activity relationship of flavonoids derived from medicinal plants in preventing methylmercury-induced mitochondrial dysfunction. Environmental Toxicology and Pharmacology, 2010, 30, 272-278.	4.0	63
86	Growth, biochemical and physiological responses of Salminus brasiliensis with different stocking densities and handling. Aquaculture, 2010, 301, 22-30.	3.5	83
87	Methylmercury neurotoxicity is associated with inhibition of the antioxidant enzyme glutathione peroxidase. Free Radical Biology and Medicine, 2009, 47, 449-457.	2.9	214
88	Antinociceptive Properties of the Hydroalcoholic Extract and the Flavonoid Rutin Obtained from Polygala paniculata L. in Mice. Basic and Clinical Pharmacology and Toxicology, 2009, 104, 306-315.	2.5	55
89	REDOX MODULATION AT THE PERIPHERAL SITE ALTERS NOCICEPTIVE TRANSMISSION IN VIVO. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 272-277.	1.9	9
90	17Î²-estradiol decreases methylmercury-induced neurotoxicity in male mice. Environmental Toxicology and Pharmacology, 2009, 27, 293-297.	4.0	30

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91	Synergistic neurotoxicity induced by methylmercury and quercetin in mice. Food and Chemical Toxicology, 2009, 47, 645-649.	3.6	28
92	Cellular prion protein modulates age-related behavioral and neurochemical alterations in mice. Neuroscience, 2009, 164, 896-907.	2.3	36
93	Zinc reverses malathion-induced impairment in antioxidant defenses. Toxicology Letters, 2009, 187, 137-143.	0.8	44
94	The exercise redox paradigm in the Downâ€™s syndrome: improvements in motor function and increases in blood oxidative status in young adults. Journal of Neural Transmission, 2008, 115, 1643-1650.	2.8	26
95	Antioxidant and Acetylcholinesterase Response to Repeated Malathion Exposure in Rat Cerebral Cortex and Hippocampus. Basic and Clinical Pharmacology and Toxicology, 2008, 102, 365-369.	2.5	40
96	Antinociceptive Effect of the Polygala sabulosa Hydroalcoholic Extract in Mice: Evidence for the Involvement of Glutamatergic Receptors and Cytokine Pathways. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 43-47.	2.5	37
97	Diphenyl diselenide confers neuroprotection against hydrogen peroxide toxicity in hippocampal slices. Brain Research, 2008, 1199, 138-147.	2.2	38
98	Prenatal methylmercury exposure hampers glutathione antioxidant system ontogenesis and causes long-lasting oxidative stress in the mouse brain. Toxicology and Applied Pharmacology, 2008, 227, 147-154.	2.8	191
99	Biochemical alterations in juvenile carp (Cyprinus carpio) exposed to zinc: Glutathione reductase as a target. Marine Environmental Research, 2008, 66, 88-89.	2.5	19
100	Temporal effects of newly developed oximes (K027, K048) on malathion-induced acetylcholinesterase inhibition and lipid peroxidation in mouse prefrontal cortex. NeuroToxicology, 2008, 29, 184-189.	3.0	25
101	Involvement of glutathione, ERK1/2 phosphorylation and BDNF expression in the antidepressant-like effect of zinc in rats. Behavioural Brain Research, 2008, 188, 316-323.	2.2	50
102	A temporal analysis of the relationships between social stress, humoral immune response and glutathione-related antioxidant defenses. Behavioural Brain Research, 2008, 192, 226-231.	2.2	22
103	Connecting TNF-Î± Signaling Pathways to iNOS Expression in a Mouse Model of Alzheimer's Disease: Relevance for the Behavioral and Synaptic Deficits Induced by Amyloid Î² Protein. Journal of Neuroscience, 2007, 27, 5394-5404.	3.6	265
104	Involvement of vertebrate hemoglobin in antioxidant protection: chicken blood as a model. Canadian Journal of Zoology, 2007, 85, 404-412.	1.0	6
105	Zinc Attenuates Malathion-Induced Depressant-like Behavior and Confers Neuroprotection in the Rat Brain. Toxicological Sciences, 2007, 97, 140-148.	3.1	73
106	Differential susceptibility following Î²-amyloid peptide-(1â€“40) administration in C57BL/6 and Swiss albino mice: Evidence for a dissociation between cognitive deficits and the glutathione system response. Behavioural Brain Research, 2007, 177, 205-213.	2.2	79
107	Distribution, adaptation and physiological meaning of thiols from vertebrate hemoglobins. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 22-53.	2.6	39
108	Antioxidant defenses, longevity and ecophysiology of South American bats. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 214-220.	2.6	55

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109	Antioxidant responses and lipid peroxidation following intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) administration in rats: increased susceptibility of olfactory bulb. Life Sciences, 2007, 80, 1906-1914.	4.3	25
110	Mercurial-Induced Hydrogen Peroxide Generation in Mouse Brain Mitochondria: Protective Effects of Quercetin. Chemical Research in Toxicology, 2007, 20, 1919-1926.	3.3	117
111	Effects of 2,3-dimercapto-1-propanesulfonic acid (DMPS) on methylmercury-induced locomotor deficits and cerebellar toxicity in mice. Toxicology, 2007, 239, 195-203.	4.2	61
112	Cipura paludosa Extract Prevents Methyl Mercury-Induced Neurotoxicity in Mice. Basic and Clinical Pharmacology and Toxicology, 2007, 101, 127-131.	2.5	41
113	Evaluation of glutathione metabolism in NMDA preconditioning against quinolinic acid-induced seizures in mice cerebral cortex and hippocampus. Brain Research, 2007, 1184, 38-45.	2.2	26
114	Lactational exposure to inorganic mercury: Evidence of neurotoxic effects. Neurotoxicology and Teratology, 2007, 29, 360-367.	2.4	38
115	Cerebellar thiol status and motor deficit after lactational exposure to methylmercury. Environmental Research, 2006, 102, 22-28.	7.5	91
116	Hemoglobin S-thiolation during peroxide-induced oxidative stress in chicken blood. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2006, 142, 188-197.	2.6	4
117	Alterations in glutathione levels of brain structures caused by acute restraint stress and by nitric oxide synthase inhibition but not by intraspecific agonistic interaction. Behavioural Brain Research, 2006, 166, 71-77.	2.2	14
118	Acetaldehyde does not inhibit glutathione peroxidase and glutathione reductase from mouse liver in vitro. Chemico-Biological Interactions, 2006, 159, 196-204.	4.0	2
119	Antioxidant status and stress proteins in the gills of the brown mussel Perna perna exposed to zinc. Chemico-Biological Interactions, 2006, 160, 232-240.	4.0	87
120	Antioxidant effect of diphenyl diselenide against sodium nitroprusside (SNP) induced lipid peroxidation in human platelets and erythrocyte membranes: An in vitro evaluation. Chemico-Biological Interactions, 2006, 164, 126-135.	4.0	43
121	Oxygenâ€“glucose deprivation decreases glutathione levels and glutamate uptake in rat hippocampal slices. Brain Research, 2006, 1083, 211-218.	2.2	24
122	Antioxidant defenses and lipid peroxidation in the cerebral cortex and hippocampus following acute exposure to malathion and/or zinc chloride. Toxicology, 2005, 207, 283-291.	4.2	69
123	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.	1.5	147
124	Antioxidant enzymes and thiol/disulfide status in the digestive gland of the brown mussel Perna perna exposed to lead and paraquat. Chemico-Biological Interactions, 2004, 149, 97-105.	4.0	65
125	Perturbations in the thiol homeostasis following neonatal cerebral hypoxia-ischemia in rats. Neuroscience Letters, 2003, 345, 65-68.	2.1	13
126	Protein S-thiolation and redox regulation of membrane-bound glutathione transferase. Chemico-Biological Interactions, 1998, 111-112, 177-185.	4.0	32

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127	Oxidative Stress Causes Intracellular Reversible S-Thiolation of Chicken Hemoglobin under Diamide and Xanthine Oxidase Treatment. Archives of Biochemistry and Biophysics, 1998, 358, 291-296.	3.0	22
128	Asymmetric Hemoglobins, Their Thiol Content, and Blood Glutathione of the Scalloped Hammerhead Shark, Sphyrna lewini. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1997, 116, 323-331.	1.6	13
129	Protein S-Thiolation and Regulation of Microsomal Glutathione Transferase Activity by the Glutathione Redox Couple. Archives of Biochemistry and Biophysics, 1996, 332, 288-294.	3.0	65
130	Comparative hematology in marine fish. Comparative Biochemistry and Physiology A, Comparative Physiology, 1992, 102, 311-321.	0.6	81
131	Glutathione mixed disulfides and heterogeneity of chicken hemoglobins. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1992, 102, 849-853.	0.2	5
132	High hemoglobin mixed disulfide content in hemolysates from stressed shark. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1990, 96, 215-219.	0.2	10
133	Root effect hemoglobins in marine fish. Comparative Biochemistry and Physiology A, Comparative Physiology, 1989, 92, 467-471.	0.6	14