

# Flix Antunes Soares

## List of Publications by Citations

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186  
papers

3,568  
citations

32  
h-index

45  
g-index

200  
ext. papers

4,082  
ext. citations

4.1  
avg, IF

5  
L-index

#	Paper	IF	Citations
186	Protective action of ethanolic extract of <i>Rosmarinus officinalis</i> L. in gastric ulcer prevention induced by ethanol in rats. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 55, 48-55	4.7	92
185	<i>Valeriana officinalis</i> attenuates the rotenone-induced toxicity in <i>Drosophila melanogaster</i> . <i>NeuroToxicology</i> , <b>2013</b> , 37, 118-26	4.4	75
184	Ebselen protects against methylmercury-induced inhibition of glutamate uptake by cortical slices from adult mice. <i>Toxicology Letters</i> , <b>2003</b> , 144, 351-7	4.4	75
183	Extracellular conversion of guanine-based purines to guanosine specifically enhances astrocyte glutamate uptake. <i>Brain Research</i> , <b>2003</b> , 972, 84-9	3.7	71
182	Swimming training prevents pentylenetetrazol-induced inhibition of Na <sup>+</sup> , K <sup>+</sup> -ATPase activity, seizures, and oxidative stress. <i>Epilepsia</i> , <b>2009</b> , 50, 811-23	6.4	61
181	2,3-Dimercaptopropane-1-sulfonic acid and meso-2,3-dimercaptosuccinic acid increase mercury- and cadmium-induced inhibition of delta-aminolevulinate dehydratase. <i>Toxicology</i> , <b>2003</b> , 184, 85-95	4.4	61
180	Profile of nonprotein thiols, lipid peroxidation and delta-aminolevulinate dehydratase activity in mouse kidney and liver in response to acute exposure to mercuric chloride and sodium selenite. <i>Toxicology</i> , <b>2003</b> , 184, 179-87	4.4	60
179	A possible neuroprotective action of a vinylic telluride against Mn-induced neurotoxicity. <i>Toxicological Sciences</i> , <b>2010</b> , 115, 194-201	4.4	57
178	Anticonvulsant effect of GMP depends on its conversion to guanosine. <i>Brain Research</i> , <b>2004</b> , 1005, 182-63.7	3.7	55
177	Organotellurium and organoselenium compounds attenuate Mn-induced toxicity in <i>Caenorhabditis elegans</i> by preventing oxidative stress. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 1903-10	7.8	53
176	Additive pro-oxidative effects of methylmercury and ebselen in liver from suckling rat pups. <i>Toxicology Letters</i> , <b>2004</b> , 146, 227-35	4.4	53
175	Co-exposure of the organic nanomaterial fullerene C <sub>60</sub> with benzo[a]pyrene in <i>Danio rerio</i> (zebrafish) hepatocytes: evidence of toxicological interactions. <i>Aquatic Toxicology</i> , <b>2014</b> , 147, 76-83	5.1	51
174	Swimming training induces liver mitochondrial adaptations to oxidative stress in rats submitted to repeated exhaustive swimming bouts. <i>PLoS ONE</i> , <b>2013</b> , 8, e55668	3.7	51
173	Response of oxidative stress and inflammatory biomarkers to a 12-week aerobic exercise training in women with metabolic syndrome. <i>Sports Medicine - Open</i> , <b>2015</b> , 1, 19	6.1	50
172	Evaluation of in vitro antioxidant effect of new mono and diselenides. <i>Toxicology in Vitro</i> , <b>2013</b> , 27, 1433-36	3.9	50
171	Acute brain damage induced by acetaminophen in mice: effect of diphenyl diselenide on oxidative stress and mitochondrial dysfunction. <i>Neurotoxicity Research</i> , <b>2012</b> , 21, 334-44	4.3	49
170	Antioxidant properties of <i>Taraxacum officinale</i> leaf extract are involved in the protective effect against hepatotoxicity induced by acetaminophen in mice. <i>Journal of Medicinal Food</i> , <b>2012</b> , 15, 549-56	2.8	49

169	The protective effects of guaran[extract (Paullinia cupana) on fibroblast NIH-3T3 cells exposed to sodium nitroprusside. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 53, 119-25	4.7	47
168	In vitro antioxidant activity of Valeriana officinalis against different neurotoxic agents. <i>Neurochemical Research</i> , <b>2009</b> , 34, 1372-9	4.6	46
167	Additive anticonvulsant effects of creatine supplementation and physical exercise against pentylenetetrazol-induced seizures. <i>Neurochemistry International</i> , <b>2009</b> , 55, 333-40	4.4	46
166	Mechanisms of the inhibitory effects of selenium and mercury on the activity of delta-aminolevulinate dehydratase from mouse liver, kidney and brain. <i>Toxicology Letters</i> , <b>2003</b> , 139, 55-66	4.4	46
165	Effects of chronic administered guanosine on behavioral parameters and brain glutamate uptake in rats. <i>Journal of Neuroscience Research</i> , <b>2005</b> , 79, 248-53	4.4	42
164	Probucol modulates oxidative stress and excitotoxicity in Huntington[ disease models in vitro. <i>Brain Research Bulletin</i> , <b>2012</b> , 87, 397-405	3.9	40
163	New therapeutic approach: diphenyl diselenide reduces mitochondrial dysfunction in acetaminophen-induced acute liver failure. <i>PLoS ONE</i> , <b>2013</b> , 8, e81961	3.7	38
162	Therapeutic cold: An effective kind to modulate the oxidative damage resulting of a skeletal muscle contusion. <i>Free Radical Research</i> , <b>2011</b> , 45, 125-38	4	37
161	Treadmill exercise protects against pentylenetetrazol-induced seizures and oxidative stress after traumatic brain injury. <i>Journal of Neurotrauma</i> , <b>2013</b> , 30, 1278-87	5.4	36
160	Could dietary trans fatty acids induce movement disorders? Effects of exercise and its influence on Na+K+-ATPase and catalase activity in rat striatum. <i>Behavioural Brain Research</i> , <b>2012</b> , 226, 504-10	3.4	36
159	An organotellurium compound with antioxidant activity against excitotoxic agents without neurotoxic effects in brain of rats. <i>Brain Research Bulletin</i> , <b>2008</b> , 76, 114-23	3.9	36
158	Age- and manganese-dependent modulation of dopaminergic phenotypes in a C. elegans DJ-1 genetic model of Parkinson[ disease. <i>Metallomics</i> , <b>2015</b> , 7, 289-98	4.5	35
157	Exercise affects memory acquisition, anxiety-like symptoms and activity of membrane-bound enzyme in brain of rats fed with different dietary fats: impairments of trans fat. <i>Neuroscience</i> , <b>2011</b> , 195, 80-8	3.9	35
156	Caffeine supplementation modulates oxidative stress markers in the liver of trained rats. <i>Life Sciences</i> , <b>2014</b> , 96, 40-5	6.8	32
155	Guaran[(Paullinia cupana Kunth) effects on LDL oxidation in elderly people: an in vitro and in vivo study. <i>Lipids in Health and Disease</i> , <b>2013</b> , 12, 12	4.4	32
154	The antioxidant properties of different phthalocyanines. <i>Toxicology in Vitro</i> , <b>2012</b> , 26, 125-32	3.6	32
153	Inflammatory cytokines in vitro production are associated with Ala16Val superoxide dismutase gene polymorphism of peripheral blood mononuclear cells. <i>Cytokine</i> , <b>2012</b> , 60, 30-3	4	32
152	Diethyl 2-phenyl-2 tellurophenyl vinylphosphonate: an organotellurium compound with low toxicity. <i>Toxicology</i> , <b>2006</b> , 224, 100-7	4.4	32

151	The effects of manganese overexposure on brain health. <i>Neurochemistry International</i> , <b>2020</b> , 135, 104688-94	4.4	30
150	Antioxidant Activity and phytochemical composition of the leaves of Solanum guaraniticum A. St.-Hil. <i>Molecules</i> , <b>2012</b> , 17, 12560-74	4.8	30
149	Effects of diphenyl diselenide on methylmercury toxicity in rats. <i>BioMed Research International</i> , <b>2013</b> , 2013, 983821	3	29
148	Interaction between metals and chelating agents affects glutamate binding on brain synaptic membranes. <i>Neurochemical Research</i> , <b>2003</b> , 28, 1859-65	4.6	29
147	Creatine and the Liver: Metabolism and Possible Interactions. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2016</b> , 16, 12-8	3.2	29
146	Lead (Pb) exposure induces dopaminergic neurotoxicity in : Involvement of the dopamine transporter. <i>Toxicology Reports</i> , <b>2019</b> , 6, 833-840	4.8	28
145	The influence of Bauhinia forficata Link subsp. pruinosa tea on lipid peroxidation and non-protein SH groups in human erythrocytes exposed to high glucose concentrations. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 148, 81-7	5	28
144	High Intensity Interval Training Reduces the Levels of Serum Inflammatory Cytokine on Women with Metabolic Syndrome. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2016</b> , 124, 597-601	2.3	28
143	Butane-2,3-dionethiosemicarbazone: an oxime with antioxidant properties. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 177, 153-60	5	27
142	Moderate swimming exercise and caffeine supplementation reduce the levels of inflammatory cytokines without causing oxidative stress in tissues of middle-aged rats. <i>Amino Acids</i> , <b>2014</b> , 46, 1187-95	3.5	26
141	Lifespan Extension Induced by Caffeine in Caenorhabditis elegans is Partially Dependent on Adenosine Signaling. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 220	5.3	26
140	Amnesic effect of GMP depends on its conversion to guanosine. <i>Neurobiology of Learning and Memory</i> , <b>2006</b> , 85, 206-12	3.1	26
139	Platelet-rich plasma reduces the oxidative damage determined by a skeletal muscle contusion in rats. <i>Platelets</i> , <b>2016</b> , 27, 784-790	3.6	25
138	The Impact of Previous Physical Training on Redox Signaling after Traumatic Brain Injury in Rats: A Behavioral and Neurochemical Approach. <i>Journal of Neurotrauma</i> , <b>2016</b> , 33, 1317-30	5.4	25
137	Neuroprotective effect of diphenyl diselenide in a experimental stroke model: maintenance of redox system in mitochondria of brain regions. <i>Neurotoxicity Research</i> , <b>2014</b> , 26, 317-30	4.3	25
136	Diphenyl-diselenide suppresses amyloid- $\beta$ peptide in Caenorhabditis elegans model of Alzheimer's disease. <i>Neuroscience</i> , <b>2014</b> , 278, 40-50	3.9	25
135	Synthesis and antioxidant properties of organosulfur and organoselenium compounds derived from 5-substituted-1,3,4-oxadiazole/thiadiazole-2-thiols. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 87-91	2	25
134	Diphenyl diselenide diet intake improves spatial learning and memory deficits in hypothyroid female rats. <i>International Journal of Developmental Neuroscience</i> , <b>2012</b> , 30, 83-9	2.7	25

133	Guanosine enhances glutamate transport capacity in brain cortical slices. <i>Cellular and Molecular Neurobiology</i> , <b>2005</b> , 25, 913-21	4.6	25
132	Diclofenac pretreatment effects on the toll-like receptor 4/nuclear factor kappa B-mediated inflammatory response to eccentric exercise in rat liver. <i>Life Sciences</i> , <b>2016</b> , 148, 247-53	6.8	24
131	Guanosine Protects Against Traumatic Brain Injury-Induced Functional Impairments and Neuronal Loss by Modulating Excitotoxicity, Mitochondrial Dysfunction, and Inflammation. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 7585-7596	6.2	24
130	Seleno- and telluro-xylofuranosides attenuate Mn-induced toxicity in <i>C. elegans</i> via the DAF-16/FOXO pathway. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 64, 192-9	4.7	24
129	Hematological changes in rats chronically exposed to oral aluminum. <i>Toxicology</i> , <b>2005</b> , 209, 29-37	4.4	24
128	Novel ibuprofenate- and docusate-based ionic liquids: emergence of antimicrobial activity. <i>RSC Advances</i> , <b>2016</b> , 6, 100476-100486	3.7	23
127	Rutin protects Huntington's disease through the insulin/IGF1 (IIS) signaling pathway and autophagy activity: Study in <i>Caenorhabditis elegans</i> model. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 141, 111323	4.7	22
126	Hemolytic effects of sodium selenite and mercuric chloride in human blood. <i>Drug and Chemical Toxicology</i> , <b>2005</b> , 28, 397-407	2.3	22
125	Peumus boldus (Boldo) Aqueous Extract Present Better Protective Effect than Boldine Against Manganese-Induced Toxicity in <i>D. melanogaster</i> . <i>Neurochemical Research</i> , <b>2016</b> , 41, 2699-2707	4.6	22
124	Caffeine intake may modulate inflammation markers in trained rats. <i>Nutrients</i> , <b>2014</b> , 6, 1678-90	6.7	21
123	Protective effects of novel organic selenium compounds against oxidative stress in the nematode. <i>Toxicology Reports</i> , <b>2015</b> , 2, 961-967	4.8	20
122	Diphenyl diselenide supplemented diet reduces depressive-like behavior in hypothyroid female rats. <i>Physiology and Behavior</i> , <b>2014</b> , 124, 116-22	3.5	20
121	HPLC analysis of phenolics compounds and antioxidant capacity of leaves of <i>Vitex megapotamica</i> (Sprengel) Moldenke. <i>Molecules</i> , <b>2013</b> , 18, 8342-57	4.8	20
120	Protective effects of therapeutic cold and heat against the oxidative damage induced by a muscle strain injury in rats. <i>Journal of Sports Sciences</i> , <b>2010</b> , 28, 923-35	3.6	20
119	Clomipramine treatment and repeated restraint stress alter parameters of oxidative stress in brain regions of male rats. <i>Neurochemical Research</i> , <b>2010</b> , 35, 1761-70	4.6	20
118	Involvement of striatal lipid peroxidation and inhibition of calcium influx into brain slices in neurobehavioral alterations in a rat model of short-term oral exposure to manganese. <i>NeuroToxicology</i> , <b>2008</b> , 29, 1062-8	4.4	20
117	A biochemical and toxicological study with diethyl 2-phenyl-2-tellurophenyl vinylphosphonate in a sub-chronic intraperitoneal treatment in mice. <i>Life Sciences</i> , <b>2007</b> , 80, 1865-72	6.8	19
116	Differential genotoxicity of diphenyl diselenide (PhSe) <sub>2</sub> and diphenyl ditelluride (PhTe) <sub>2</sub> . <i>PeerJ</i> , <b>2014</b> , 2, e290	3.1	19

115	Brain infusion of $\beta$ -synuclein oligomers induces motor and non-motor Parkinson's disease-like symptoms in mice. <i>Behavioural Brain Research</i> , <b>2017</b> , 333, 150-160	3.4	18
114	Antioxidant properties of Taraxacum officinale fruit extract are involved in the protective effect against cellular death induced by sodium nitroprusside in brain of rats. <i>Pharmaceutical Biology</i> , <b>2012</b> , 50, 883-91	3.8	18
113	Naturally occurring compounds affect glutamatergic neurotransmission in rat brain. <i>Neurochemical Research</i> , <b>2007</b> , 32, 1950-6	4.6	18
112	Antioxidant properties of oxime 3-(phenylhydrazono) butan-2-one. <i>Archives of Toxicology</i> , <b>2008</b> , 82, 755-63	5.8	18
111	Regulation of Mitochondrial Function and Glutamatergic System Are the Target of Guanosine Effect in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, 1318-1328	5.4	17
110	Guarana ( Mart.) attenuates methylmercury-induced toxicity in. <i>Toxicology Research</i> , <b>2016</b> , 5, 1629-1638	2.6	17
109	Guanosine Attenuates Behavioral Deficits After Traumatic Brain Injury by Modulation of Adenosinergic Receptors. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 3145-3158	6.2	17
108	The combination of organoselenium compounds and guanosine prevents glutamate-induced oxidative stress in different regions of rat brains. <i>Brain Research</i> , <b>2012</b> , 1430, 101-11	3.7	17
107	Hepatoprotective activity of a vinylic telluride against acute exposure to acetaminophen. <i>European Journal of Pharmacology</i> , <b>2011</b> , 661, 92-101	5.3	17
106	Homeostatic effect of p-chloro-diphenyl diselenide on glucose metabolism and mitochondrial function alterations induced by monosodium glutamate administration to rats. <i>Amino Acids</i> , <b>2016</b> , 48, 137-48	3.5	16
105	The antibacterial and anti-biofilm activity of gold-complexed sulfonamides against methicillin-resistant Staphylococcus aureus. <i>Microbial Pathogenesis</i> , <b>2018</b> , 123, 440-448	3.8	16
104	Organic and inorganic forms of selenium inhibited differently fish ( <i>Rhamdia quelen</i> ) and rat ( <i>Rattus norvegicus albinus</i> ) delta-aminolevulinatase. <i>Environmental Research</i> , <b>2005</b> , 98, 46-54	7.9	16
103	Rosmarinus officinalis L. increases <i>Caenorhabditis elegans</i> stress resistance and longevity in a DAF-16, HSF-1 and SKN-1-dependent manner. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2016</b> , 49, e5235	2.8	16
102	An active lifestyle induces positive antioxidant enzyme modulation in peripheral blood mononuclear cells of overweight/obese postmenopausal women. <i>Life Sciences</i> , <b>2015</b> , 121, 152-7	6.8	15
101	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , <b>2020</b> , 77, 105-113	4.4	15
100	Reversible reprotoxic effects of manganese through DAF-16 transcription factor activation and vitellogenin downregulation in <i>Caenorhabditis elegans</i> . <i>Life Sciences</i> , <b>2016</b> , 151, 218-223	6.8	15
99	Investigations into the mechanism of 2,3-dimercaptopropanol neurotoxicity. <i>Neurochemical Research</i> , <b>2000</b> , 25, 1553-8	4.6	15
98	High-intensity interval training improves inflammatory and adipokine profiles in postmenopausal women with metabolic syndrome. <i>Archives of Physiology and Biochemistry</i> , <b>2019</b> , 125, 85-91	2.2	15

97	Fumonisin B1 facilitates seizures induced by pentylenetetrazol in mice. <i>Neurotoxicology and Teratology</i> , <b>2015</b> , 51, 61-7	3.9	14
96	Diphenyl diselenide modulates gene expression of antioxidant enzymes in the cerebral cortex, hippocampus and striatum of female hypothyroid rats. <i>Neuroendocrinology</i> , <b>2014</b> , 100, 45-59	5.6	14
95	Diphenyl diselenide prevents methylmercury-induced mitochondrial dysfunction in rat liver slices. <i>Tetrahedron</i> , <b>2012</b> , 68, 10437-10443	2.4	14
94	Antioxidant effect of organic purple grape juice on exhaustive exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2013</b> , 38, 558-65	3	14
93	Antibacterial and antioxidant effects of L. extract and its fractions. <i>Journal of Traditional and Complementary Medicine</i> , <b>2019</b> , 9, 383-392	4.6	14
92	Role of Astrocytes in Manganese Neurotoxicity Revisited. <i>Neurochemical Research</i> , <b>2019</b> , 44, 2449-2459	4.6	13
91	Metabolic effects of manganese in the nematode <i>Caenorhabditis elegans</i> through DAergic pathway and transcription factors activation. <i>NeuroToxicology</i> , <b>2018</b> , 67, 65-72	4.4	13
90	Caffeine and acetaminophen association: Effects on mitochondrial bioenergetics. <i>Life Sciences</i> , <b>2018</b> , 193, 234-241	6.8	13
89	Extracellular dopamine and alterations on dopamine transporter are related to reserpine toxicity in <i>Caenorhabditis elegans</i> . <i>Archives of Toxicology</i> , <b>2016</b> , 90, 633-45	5.8	13
88	extract provides increased resistance against oxidative stress and protection against Amyloid beta-induced toxicity compared to caffeine in. <i>Nutritional Neuroscience</i> , <b>2021</b> , 24, 697-709	3.6	13
87	A Study on the Quality and Identity of Brazilian Pampa Biome Honey: Evidences for Its Beneficial Effects against Oxidative Stress and Hyperglycemia. <i>International Journal of Food Science</i> , <b>2014</b> , 2014, 470214	3.4	13
86	Potential of two new oximes in reactivate human acetylcholinesterase and butyrylcholinesterase inhibited by organophosphate compounds: an in vitro study. <i>Toxicology in Vitro</i> , <b>2011</b> , 25, 2120-3	3.6	13
85	Oximes as inhibitors of low density lipoprotein oxidation. <i>Life Sciences</i> , <b>2008</b> , 83, 878-85	6.8	13
84	Potentially adverse interactions between haloperidol and valerian. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 2369-75	4.7	13
83	2,3-Dimercaptopropanol, 2,3-dimercaptopropane-1-sulfonic acid, and meso-2,3-dimercaptosuccinic acid inhibit delta-aminolevulinate dehydratase from human erythrocytes in vitro. <i>Environmental Research</i> , <b>2004</b> , 94, 254-61	7.9	13
82	(p-ClPhSe) Reduces Hepatotoxicity Induced by Monosodium Glutamate by Improving Mitochondrial Function in Rats. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 2877-2886	4.7	12
81	Synthesis and electrochemical and antioxidant properties of chalcogenocyanate oxadiazole and 5-heteroarylchalcogenomethyl-1H-tetrazole derivatives. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 5875-5883	3.6	12
80	Comparison of the Toxic Effects of Quinolinic Acid and 3-Nitropropionic Acid in <i>C. elegans</i> : Involvement of the SKN-1 Pathway. <i>Neurotoxicity Research</i> , <b>2018</b> , 33, 259-267	4.3	12



79	Cryotherapy reduces skeletal muscle damage after ischemia/reperfusion in rats. <i>Journal of Anatomy</i> , <b>2013</b> , 222, 223-30	2.9	12
78	Protective Effects of Aqueous Extract of <i>Luehea divaricata</i> against Behavioral and Oxidative Changes Induced by 3-Nitropropionic Acid in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 723431	2.3	12
77	<i>Centella asiatica</i> and Its Fractions Reduces Lipid Peroxidation Induced by Quinolinic Acid and Sodium Nitroprusside in Rat Brain Regions. <i>Neurochemical Research</i> , <b>2015</b> , 40, 1197-210	4.6	12
76	Effects of butane-2,3-dione thiosemicarbazone oxime on testicular damage induced by cadmium in mice. <i>Journal of Toxicological Sciences</i> , <b>2012</b> , 37, 899-910	1.9	12
75	Behavioral and metabolic effects of the atypical antipsychotic ziprasidone on the nematode <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e74780	3.7	12
74	Thiosemicarbazone derivate protects from AAPH and Cu <sup>2+</sup> -induced LDL oxidation. <i>Life Sciences</i> , <b>2011</b> , 89, 20-8	6.8	12
73	In vitro effects of selenite and mercuric chloride on liver thiobarbituric acid-reactive substances and non-protein thiols from rats: influences of dietary cholesterol and polyunsaturated and saturated fatty acids. <i>Nutrition</i> , <b>2003</b> , 19, 531-5	4.8	12
72	Diclofenac pretreatment modulates exercise-induced inflammation in skeletal muscle of rats through the TLR4/NF- $\kappa$ B pathway. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2017</b> , 42, 757-764	3	11
71	Neurodegeneration Induced by Metals in <i>Caenorhabditis elegans</i> . <i>Advances in Neurobiology</i> , <b>2017</b> , 18, 355-383	2.1	11
70	Reduction of acute hepatic damage induced by acetaminophen after treatment with diphenyl diselenide in mice. <i>Toxicologic Pathology</i> , <b>2012</b> , 40, 605-13	2.1	11
69	Molecular docking, and anti-biofilm activity of gold-complexed sulfonamides on <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , <b>2018</b> , 125, 393-400	3.8	11
68	Quinolinic acid and glutamatergic neurodegeneration in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , <b>2018</b> , 67, 94-101	4.4	10
67	Comparing the Effects of Ferulic Acid and Sugarcane Aqueous Extract in In Vitro and In Vivo Neurotoxic Models. <i>Neurotoxicity Research</i> , <b>2018</b> , 34, 640-648	4.3	10
66	$\delta$ Aminolevulinatase activity in lung cancer patients and its relationship with oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , <b>2014</b> , 68, 603-9	7.5	10
65	SOD activity of new copper II complexes with ligands derived from pyridoxal and toxicity in <i>Caenorhabditis elegans</i> . <i>Journal of Inorganic Biochemistry</i> , <b>2020</b> , 204, 110950	4.2	10
64	Mechanisms involved in anti-aging effects of guarana ( <i>Paullinia cupana</i> ) in <i>Caenorhabditis elegans</i> . <i>Brazilian Journal of Medical and Biological Research</i> , <b>2018</b> , 51, e7552	2.8	10
63	<i>Luehea divaricata</i> Mart. anticholinesterase and antioxidant activity in a <i>Caenorhabditis elegans</i> model system. <i>Industrial Crops and Products</i> , <b>2014</b> , 62, 265-271	5.9	9
62	Effect of diselenide administration in thioacetamide-induced acute neurological and hepatic failure in mice. <i>Toxicology Research</i> , <b>2015</b> , 4, 707-717	2.6	9



61	Low concentrations of methamidophos do not alter AChE activity but modulate neurotransmitters uptake in hippocampus and striatum in vitro. <i>Life Sciences</i> , <b>2011</b> , 88, 89-95	6.8	9
60	Chronic treatment with fluphenazine alters parameters of oxidative stress in liver and kidney of rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2009</b> , 105, 51-7	3.1	9
59	Sex-Specific Response of Caenorhabditis elegans to Methylmercury Toxicity. <i>Neurotoxicity Research</i> , <b>2019</b> , 35, 208-216	4.3	9
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45	Purple grape juice as a protector against acute x-irradiation induced alterations on mobility, anxiety, and feeding behaviour in mice. <i>Nutricion Hospitalaria</i> , <b>2014</b> , 29, 812-21	1	7
44	Guanosine protects against Ca-induced mitochondrial dysfunction in rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 111, 1438-1446	7.5	6

43	Oxidation of delta-ALA-D and DTT mediated by ascorbic acid: modulation by buffers depends on free iron. <i>Biological and Pharmaceutical Bulletin</i> , <b>2005</b> , 28, 1485-9	2.3	6
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41	Toxicological evaluation of naringin-loaded nanocapsules in vitro and in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 188, 110754	6	6
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36	Relevance of Mitochondrial Dysfunction in the Reserpine-Induced Experimental Fibromyalgia Model. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 4202-4217	6.2	5
35	Neuroprotective effects of rutin on ASH neurons in model of Huntington's disease. <i>Nutritional Neuroscience</i> , <b>2021</b> , 1-14	3.6	5
34	The insertion of functional groups in organic selenium compounds promote changes in mitochondrial parameters and raise the antibacterial activity. <i>Bioorganic Chemistry</i> , <b>2020</b> , 98, 103727	5.1	4
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29	Changes in Purines Concentration in the Cerebrospinal Fluid of Pregnant Women Experiencing Pain During Active Labor. <i>Neurochemical Research</i> , <b>2015</b> , 40, 2262-9	4.6	4
28	N,N'-bis-(2-mercaptoethyl) isophthalamide induces developmental delay in by promoting DAF-16 nuclear localization. <i>Toxicology Reports</i> , <b>2020</b> , 7, 930-937	4.8	4
27	Guanosine protects against behavioural and mitochondrial bioenergetic alterations after mild traumatic brain injury. <i>Brain Research Bulletin</i> , <b>2020</b> , 163, 31-39	3.9	4
26	Guarana ( Mart.) protects against amyloid- $\beta$ toxicity in through heat shock protein response activation. <i>Nutritional Neuroscience</i> , <b>2020</b> , 23, 444-454	3.6	4

25	Silymarin recovers 6-hydroxydopamine-induced motor deficits in mice. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 549-556	4.7	4
24	MPMT-OX up-regulates GABAergic transmission and protects against seizure-like behavior in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , <b>2019</b> , 74, 272-281	4.4	3
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21	Characterization of imido [8-(3)H] guanosine 5Rtriphosphate binding sites to rat brain membranes. <i>Neurochemical Research</i> , <b>2004</b> , 29, 805-9	4.6	3
20	Physicochemical characterization and evaluation of in vitro and in vivo toxicity of goldenberry extract nanoemulsion. <i>Ciencia Rural</i> , <b>2019</b> , 49,	1.3	3
19	Simvastatin-loaded nanoemulsions: development, characterization, stability study and toxicity assays. <i>Therapeutic Delivery</i> , <b>2020</b> , 497-505	3.8	3
18	Oxidative stress is involved in LLLT mechanism of action on skin healing in rats. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2021</b> , 54, e10293	2.8	3
17	Cryotherapy: biochemical alterations involved in reduction of damage induced by exhaustive exercise. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2018</b> , 51, e7702	2.8	3
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15	The role of mitochondrial bioenergetics and oxidative stress in depressive behavior in recurrent concussion model in mice. <i>Life Sciences</i> , <b>2020</b> , 257, 117991	6.8	2
14	A single muscle contusion promotes an immediate alteration in mitochondrial bioenergetics response in skeletal muscle fibres with different metabolism. <i>Free Radical Research</i> , <b>2020</b> , 54, 137-149	4	2
13	Synthesis, Structure Elucidation, Antioxidant and Antimicrobial Activity of Novel 2-(5-Trifluoromethyl-1H-pyrazol-1-yl)-5-(5-trihalomethyl-1H-pyrazol-1-yl-1-carbonyl)pyridines. <i>Journal of the Brazilian Chemical Society</i> , <b>2015</b> ,	1.5	2
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9	Effects of caffeine on brain antioxidant status and mitochondrial respiration in acetaminophen-intoxicated mice. <i>Toxicology Research</i> , <b>2020</b> , 9, 726-734	2.6	1
8	Antimicrobial and Toxicity Evaluation of Imidazolium-Based Dicationic Ionic Liquids with Dicarboxylate Anions. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1

7	Moderate-intensity functional training improves mitochondrial capability and redox state in peripheral blood mononuclear cells of metabolic syndrome women. <i>Sport Sciences for Health</i> , <b>2021</b> , 17, 91-101	1.3	1
6	Diclofenac Administration after Physical Training Blunts Adaptations of Peripheral Systems and Leads to Losses in Exercise Performance: In Vivo and In Silico Analyses. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
5	Caenorhabditis elegans as a model for studies on quinolinic acid-induced NMDAR-dependent glutamatergic disorders. <i>Brain Research Bulletin</i> , <b>2021</b> , 175, 90-98	3.9	1
4	Caenorhabditis elegans as an animal model in toxicological studies <b>2020</b> , 533-544		
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2	Diphenyl diselenide blunts swimming training on mitochondrial liver redox adaptation mechanisms of aged animals. <i>Sport Sciences for Health</i> , <b>2020</b> , 16, 281-290	1.3	
1	Behavioral effects of traumatic brain injury: Use of guanosine <b>2022</b> , 501-513		