

Nilda V Barbosa

List of Publications by Year in descending order

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Version: 2024-02-01

267
papers

11,892
citations

30070

54
h-index

37204

96
g-index

272
all docs

272
docs citations

272
times ranked

10217
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary inclusions of Solanum vegetables mitigate aluminum-induced redox and inflammation-related neurotoxicity in <i>Drosophila melanogaster</i> model. <i>Nutritional Neuroscience</i> , 2022, 25, 2077-2091.	3.1	16
2	Short exposure to ethyl and methylmercury prompts similar toxic responses in <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 252, 109216.	2.6	1
3	Methylglyoxal disrupts the functionality of rat liver mitochondria. <i>Chemico-Biological Interactions</i> , 2022, 351, 109677.	4.0	2
4	Effect of Solanum vegetables on memory index, redox status, and expressions of critical neural genes in <i>Drosophila melanogaster</i> model of memory impairment. <i>Metabolic Brain Disease</i> , 2022, 37, 729-741.	2.9	4
5	An assessment of the rescue action of resveratrol in parkin loss of function-induced oxidative stress in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2022, 12, 3922.	3.3	15
6	Cytotoxicity of <i>Cymbopogon citratus</i> (DC) Stapf fractions, essential oil, citral, and geraniol in human leukocytes and erythrocytes. <i>Journal of Ethnopharmacology</i> , 2022, 291, 115147.	4.1	5
7	Toxic metals that interact with thiol groups and alteration in insect behavior. <i>Current Opinion in Insect Science</i> , 2022, 52, 100923.	4.4	5
8	Environmentally relevant manganese concentrations evoke anxiety phenotypes in adult zebrafish. <i>Environmental Toxicology and Pharmacology</i> , 2022, 93, 103870.	4.0	3
9	The Thiol-Modifier Effects of Organoselenium Compounds and Their Cytoprotective Actions in Neuronal Cells. <i>Neurochemical Research</i> , 2021, 46, 120-130.	3.3	35
10	Toxicological outcome of exposure to psychoactive drugs carbamazepine and diazepam on non-target insect <i>Nauphoeta cinerea</i> . <i>Chemosphere</i> , 2021, 264, 128449.	8.2	9
11	Methylglyoxal disturbs DNA repair and glyoxalase I system in <i>Saccharomyces cerevisiae</i> . <i>Toxicology Mechanisms and Methods</i> , 2021, 31, 107-115.	2.7	4
12	Streptozotocin induces brain glucose metabolic changes and alters glucose transporter expression in the Lobster cockroach; <i>Nauphoeta cinerea</i> (Blattodea: Blaberidae). <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 1109-1121.	3.1	11
13	Chalcogen-Nitrogen Bond: Insights into a Key Chemical Motif. <i>Catalysts</i> , 2021, 11, 114.	3.5	5
14	A toxicological comparison between two uranium compounds in <i>Artemia salina</i> : Artificial seawater containing CaCO ₃ . <i>Marine Environmental Research</i> , 2021, 163, 105221.	2.5	1
15	(PhSe) ₂ and (p-Cl-PhSe) ₂ organochalcogen compounds inhibit <i>Candida albicans</i> adhesion to human endocervical (HeLa) cells and show anti-biofilm activities. <i>Biofouling</i> , 2021, 37, 235-245.	2.2	3
16	Toxicology and pharmacology of synthetic organoselenium compounds: an update. <i>Archives of Toxicology</i> , 2021, 95, 1179-1226.	4.2	125
17	<i>In silico</i> Studies on the Interaction between Mpro and PLpro From SARS-CoV-2 and Ebselen, its Metabolites and Derivatives. <i>Molecular Informatics</i> , 2021, 40, e2100028.	2.5	33
18	The Role of Human LRRK2 in Acute Methylmercury Toxicity in <i>Caenorhabditis elegans</i> . <i>Neurochemical Research</i> , 2021, 46, 2991-3002.	3.3	5

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19	Human type 2 diabetes mellitus-associated transcriptional disturbances in a high-sugar diet long-term exposed <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 39, 100866.	1.0	4
20	Identification of Main Protease of Coronavirus SARS-CoV-2 (Mpro) Inhibitors from <i>Melissa officinalis</i> . <i>Current Drug Discovery Technologies</i> , 2021, 18, 5-19.	1.2	10
21	<i>Syzygium cumini</i> leaf extract protects macrophages against the oxidized LDL-induced toxicity: A promising atheroprotective effect. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111196.	5.6	3
22	Chronic ciprofloxacin and atrazine co-exposure aggravates locomotor and exploratory deficits in non-target detritivore speckled cockroach (<i>Nauphoeta cinerea</i>). <i>Environmental Science and Pollution Research</i> , 2021, 28, 25680-25691.	5.3	8
23	Selenium Neuroprotection in Neurodegenerative Disorders. , 2021, , 1-35.		2
24	Developmental exposure to methylmercury and ADHD, a literature review of epigenetic studies. <i>Environmental Epigenetics</i> , 2021, 7, dvab014.	1.8	6
25	Methyl and Ethylmercury elicit oxidative stress and unbalance the antioxidant system in <i>Saccharomyces cerevisiae</i> . <i>Chemico-Biological Interactions</i> , 2020, 315, 108867.	4.0	7
26	High level of methylmercury exposure causes persisted toxicity in <i>Nauphoeta cinerea</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 4799-4813.	5.3	17
27	<i>Triplaris gardneriana</i> seeds extract exhibits in vitro anti-inflammatory properties in human neutrophils after oxidative treatment. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112474.	4.1	8
28	Ten years of Arabian Journal of Chemistry: A bibliometric analysis. <i>Arabian Journal of Chemistry</i> , 2020, 13, 7720-7743.	4.9	7
29	Cephalic Neuronal Vesicle Formation is Developmentally Dependent and Modified by Methylmercury and sti-1 in <i>Caenorhabditis elegans</i> . <i>Neurochemical Research</i> , 2020, 45, 2939-2948.	3.3	10
30	The Se/S/N interactions as a possible mechanism of Î-aminolevulinic acid dehydratase enzyme inhibition by organoselenium compounds: A computational study. <i>Computational Toxicology</i> , 2020, 15, 100127.	3.3	5
31	The Role of Human LRRK2 in Methylmercury-Induced Inhibition of Microvesicle Formation of Cephalic Neurons in <i>Caenorhabditis elegans</i> . <i>Neurotoxicity Research</i> , 2020, 38, 751-764.	2.7	5
32	Effects of CATECHIN on reserpine-induced vacuolar chewing movements: behavioral and biochemical analysis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2439-2452.	3.0	6
33	Effects of Gender and Geographical Origin on the Chemical Composition and Antiradical Activity of <i>Baccharis myriocephala</i> and <i>Baccharis trimera</i> . <i>Foods</i> , 2020, 9, 1433.	4.3	5
34	Transcriptomic and Proteomic Tools in the Study of Hg Toxicity: What Is Missing?. <i>Frontiers in Genetics</i> , 2020, 11, 425.	2.3	10
35	Research trends in chemico-biological interactions: The golden jubilee (1969â€“2019). <i>Chemico-Biological Interactions</i> , 2020, 327, 109177.	4.0	8
36	Modulation of redox and insulin signaling underlie the anti-hyperglycemic and antioxidant effects of diphenyl diselenide in zebrafish. <i>Free Radical Biology and Medicine</i> , 2020, 158, 20-31.	2.9	16

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37	Assessing the transcriptional status of selenoproteins in skin cancer-derived cell lines. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 60, 126476.	3.0	7
38	Modified expression of antioxidant genes in lobster cockroach, <i>Nauphoeta cinerea</i> exposed to methylmercury and monosodium glutamate. <i>Chemico-Biological Interactions</i> , 2020, 318, 108969.	4.0	13
39	Therapeutic Efficacy of the N,N-ε ² Bis-(2-Mercaptoethyl) Isophthalamide Chelator for Methylmercury Intoxication in <i>Caenorhabditis elegans</i> . <i>Neurotoxicity Research</i> , 2020, 38, 133-144.	2.7	6
40	Synthesis and biological evaluation of new antioxidant and antiproliferative chalcogenobiotin derivatives for bladder carcinoma treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115423.	3.0	1
41	Taurine Protects from Pentylene-tetrazole-Induced Behavioral and Neurochemical Changes in Zebrafish. <i>Molecular Neurobiology</i> , 2019, 56, 583-594.	4.0	19
42	Pequi enriched diets protect <i>Drosophila melanogaster</i> against paraquat-induced locomotor deficits and oxidative stress. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 664-677.	2.3	10
43	Improvement of mitochondrial function by <i>Tapinanthus globifer</i> (A.Rich.) Tiegh. Against hepatotoxic agent in isolated rat's liver mitochondria. <i>Journal of Ethnopharmacology</i> , 2019, 242, 112026.	4.1	5
44	Assessing the toxicant effect of spontaneously volatilized 4-vinylcyclohexane exposure in nymphs of the lobster cockroach <i>nauphoeta cinerea</i> . <i>Environmental Toxicology and Pharmacology</i> , 2019, 72, 103264.	4.0	8
45	Selenium abates reproductive dysfunction via attenuation of biometal accumulation, oxido-inflammatory stress and caspase-3 activation in male rats exposed to arsenic. <i>Environmental Pollution</i> , 2019, 254, 113079.	7.5	15
46	Methylmercury's chemistry: From the environment to the mammalian brain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 129284.	2.4	78
47	Mercury in Our Food. <i>Chemical Research in Toxicology</i> , 2019, 32, 1459-1461.	3.3	20
48	Tacrine-pyrimidine photoactive molecular hybrids: Synthesis, photophysics, docking and BSA interaction study. <i>Journal of Molecular Liquids</i> , 2019, 287, 110983.	4.9	4
49	Research trends in food chemistry: A bibliometric review of its 40 th years anniversary (1976–2016). <i>Food Chemistry</i> , 2019, 294, 448-457.	8.2	95
50	Simultaneous exposure to vinylcyclohexene and methylmercury in <i>Drosophila melanogaster</i> : biochemical and molecular analyses. <i>BMC Pharmacology & Toxicology</i> , 2019, 20, 83.	2.4	14
51	Biochemical CuSO ₄ Toxicity in <i>Drosophila melanogaster</i> Depends on Sex and Developmental Stage of Exposure. <i>Biological Trace Element Research</i> , 2019, 189, 574-585.	3.5	24
52	Methylglyoxal disturbs the expression of antioxidant, apoptotic and glycation responsive genes and triggers programmed cell death in human leukocytes. <i>Toxicology in Vitro</i> , 2019, 55, 33-42.	2.4	19
53	Thimerosal inhibits <i>Drosophila melanogaster</i> tyrosine hydroxylase (<i>Dm</i> TyrH) leading to changes in dopamine levels and impaired motor behavior: implications for neurotoxicity. <i>Metallomics</i> , 2019, 11, 362-374.	2.4	21
54	Diphenyl diselenide protects neuronal cells against oxidative stress and mitochondrial dysfunction: Involvement of the glutathione-dependent antioxidant system. <i>Redox Biology</i> , 2019, 20, 118-129.	9.0	41

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55	Coffee, caffeine, chlorogenic acid, and the purinergic system. <i>Food and Chemical Toxicology</i> , 2019, 123, 298-313.	3.6	74
56	Productivity of CNPq Researchers from Different Fields in Biomedical Sciences: The Need for Objective Bibliometric Parameters – A Report from Brazil. <i>Science and Engineering Ethics</i> , 2019, 25, 1037-1055.	2.9	14
57	Extending the analysis of zebrafish behavioral endophenotypes for modeling psychiatric disorders: Fear conditioning to conspecific alarm response. <i>Behavioural Processes</i> , 2018, 149, 35-42.	1.1	37
58	Oxidative stress, caspase-3 activation and cleavage of ROCK-1 play an essential role in MeHg-induced cell death in primary astroglial cells. <i>Food and Chemical Toxicology</i> , 2018, 113, 328-336.	3.6	31
59	Angiotensin-converting enzyme inhibition, antioxidant activity, and modulation of cerebral Na ⁺ /K ⁺ ATPase by free phenolics of African locust bean (<i>Parkia biglobosa</i>). <i>Health Science Reports</i> , 2018, 1, e17.	1.5	9
60	Ethyl acetate fraction of <i>Cymbopogon citratus</i> as a potential source of antioxidant compounds. <i>New Journal of Chemistry</i> , 2018, 42, 3642-3652.	2.8	12
61	Gender-based behavioral and biochemical effects of diphenyl diselenide in <i>Drosophila melanogaster</i> . <i>Chemico-Biological Interactions</i> , 2018, 279, 196-202.	4.0	9
62	1,1-Difluoro-3-aryl(heteroaryl)-1H-pyrido[1,2-c][1,3,5,2]oxadiazaborinin-9-ium-1-uides: synthesis; structure; and photophysical, electrochemical, and BSA-binding studies. <i>New Journal of Chemistry</i> , 2018, 42, 1913-1920.	2.8	17
63	Caffeine-supplemented diet modulates oxidative stress markers and improves locomotor behavior in the lobster cockroach <i>Nauphoeta cinerea</i> . <i>Chemico-Biological Interactions</i> , 2018, 282, 77-84.	4.0	15
64	Hyperglycemia elicits anxiety-like behaviors in zebrafish: Protective role of dietary diphenyl diselenide. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 85, 128-135.	4.8	21
65	Diselenoamino acid derivatives as GPx mimics and as substrates of TrxR: in vitro and in silico studies. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3777-3787.	2.8	22
66	The Relationship Between Copper, Iron, and Selenium Levels and Alzheimer Disease. <i>Biological Trace Element Research</i> , 2018, 181, 185-191.	3.5	42
67	<i>Syzygium cumini</i> leaf extract inhibits LDL oxidation, but does not protect the lipoprotein from glycation. <i>Journal of Ethnopharmacology</i> , 2018, 210, 69-79.	4.1	16
68	Protective effect of (±)-bisabolol on rotenone-induced toxicity in <i>Drosophila melanogaster</i> . <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 359-365.	1.4	23
69	<i>Peumus boldus</i> attenuates copper-induced toxicity in <i>Drosophila melanogaster</i> . <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1-8.	5.6	18
70	Diphenyl diselenide abrogates brain oxidative injury and neurobehavioural deficits associated with pesticide chlorpyrifos exposure in rats. <i>Chemico-Biological Interactions</i> , 2018, 296, 105-116.	4.0	45
71	Dietary co-exposure to methylmercury and monosodium glutamate disrupts cellular and behavioral responses in the lobster cockroach, <i>Nauphoeta cinerea</i> model. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 70-77.	4.0	10
72	Lophine and pyrimidine based photoactive molecular hybrids. Synthesis, photophysics, BSA interaction and DFT study. <i>New Journal of Chemistry</i> , 2018, 42, 17126-17137.	2.8	7

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73	De novo transcriptome assembly of the lobster cockroach <i>Nauphoeta cinerea</i> (Blaberidae). <i>Genetics and Molecular Biology</i> , 2018, 41, 713-721.	1.3	8
74	Interaction of metals from group 10 (Ni, Pd, and Pt) and 11 (Cu, Ag, and Au) with human blood $\hat{\Gamma}$ -ALA-D: in vitro and in silico studies. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30557-30566.	5.3	5
75	Molecular Pathways Associated With Methylmercury-Induced Nrf2 Modulation. <i>Frontiers in Genetics</i> , 2018, 9, 373.	2.3	46
76	Honey protects against wings posture error and molecular changes related to mitochondrial pathways induced by hypoxia/reoxygenation in adult <i>Drosophila melanogaster</i> . <i>Chemico-Biological Interactions</i> , 2018, 291, 245-252.	4.0	5
77	Molecular docking analysis of acetylcholinesterase corroborates the protective effect of pralidoxime against chlorpyrifos-induced behavioral and neurochemical impairments in <i>Nauphoeta cinerea</i> . <i>Computational Toxicology</i> , 2018, 8, 25-33.	3.3	9
78	Safety profile of AZT derivatives: Organoselenium moieties confer different cytotoxic responses in fresh human erythrocytes during in vitro exposures. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 240-248.	3.0	6
79	Oxidative Stress in Methylmercury-Induced Cell Toxicity. <i>Toxics</i> , 2018, 6, 47.	3.7	66
80	Selenothymidine protects against biochemical and behavioral alterations induced by ICV-STZ model of dementia in mice. <i>Chemico-Biological Interactions</i> , 2018, 294, 135-143.	4.0	19
81	Evaluation of methylglyoxal toxicity in human erythrocytes, leukocytes and platelets. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 307-317.	2.7	14
82	High-sucrose diet induces diabetic-like phenotypes and oxidative stress in <i>Drosophila melanogaster</i> : Protective role of <i>Syzygium cumini</i> and <i>Bauhinia forficata</i> . <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 605-616.	5.6	61
83	Diphenyl Diselenide Protects against Methylmercury-Induced Toxicity in <i>Saccharomyces cerevisiae</i> via the Yap1 Transcription Factor. <i>Chemical Research in Toxicology</i> , 2017, 30, 1134-1144.	3.3	15
84	Effect of dietary supplementation with olive and sunflower oils on lipid profile and liver histology in rats fed high cholesterol diet. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 539-543.	0.8	11
85	Insights into the differential toxicological and antioxidant effects of 4-phenylchalcogenil-7-chloroquinolines in <i>Caenorhabditis elegans</i> . <i>Free Radical Biology and Medicine</i> , 2017, 110, 133-141.	2.9	39
86	Induction of reactive oxygen species by diphenyl diselenide is preceded by changes in cell morphology and permeability in <i>Saccharomyces cerevisiae</i> . <i>Free Radical Research</i> , 2017, 51, 657-668.	3.3	16
87	Chalcogenozidovudine Derivatives With Antitumor Activity: Comparative Toxicities in Cultured Human Mononuclear Cells. <i>Toxicological Sciences</i> , 2017, 160, 30-46.	3.1	18
88	Resveratrol Protects Against Vacuous Chewing Movements Induced by Chronic Treatment with Fluphenazine. <i>Neurochemical Research</i> , 2017, 42, 3033-3040.	3.3	8
89	Organoselenium compounds as mimics of selenoproteins and thiol modifier agents. <i>Metallomics</i> , 2017, 9, 1703-1734.	2.4	119
90	African locust bean (<i>Parkia biglobosa</i> , Jacq Benth) leaf extract affects mitochondrial redox chemistry and inhibits angiotensin-converting enzyme in vitro. <i>Clinical Phytoscience</i> , 2017, 3, .	1.6	6

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91	Scientific Performance of Brazilian Researchers in Pharmacology with grants from CNPq: A comparative study within the Brazilian categories. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1735-1742.	0.8	15
92	Selenium and mercury levels in rat liver slices co-treated with diphenyl diselenide and methylmercury. <i>BioMetals</i> , 2016, 29, 543-550.	4.1	9
93	Diphenyl diselenide attenuates oxidative stress and inflammatory parameters in ulcerative colitis: A comparison with ebselen. <i>Pathology Research and Practice</i> , 2016, 212, 755-760.	2.3	19
94	Effect of dietary supplementation of Padauk (<i>Pterocarpus soyauxii</i>) leaf on high fat diet/streptozotocin induced diabetes in rats' brain and platelets. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1194-1201.	5.6	18
95	Hepatic and renal toxicological evaluations of an industrial ovotoxic chemical, 4-vinylcyclohexene diepoxide, in both sexes of Wistar rats. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 28-40.	4.0	10
96	Neurobehavioral and biochemical changes in <i>Nauphoeta cinerea</i> following dietary exposure to chlorpyrifos. <i>Pesticide Biochemistry and Physiology</i> , 2016, 130, 22-30.	3.6	29
97	Diphenyl Diselenide Protects Against Mortality, Locomotor Deficits and Oxidative Stress in <i>Drosophila melanogaster</i> Model of Manganese-Induced Neurotoxicity. <i>Neurochemical Research</i> , 2016, 41, 1430-1438.	3.3	73
98	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> , 2016, 148, 247-253.	4.3	30
99	Methylmercury and brain development: A review of recent literature. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 38, 99-107.	3.0	132
100	Neuroprotection of luteolin against methylmercury-induced toxicity in lobster cockroach <i>Nauphoeta cinerea</i> . <i>Environmental Toxicology and Pharmacology</i> , 2016, 42, 243-251.	4.0	25
101	Behavioral and neurochemical effects induced by reserpine in mice. <i>Psychopharmacology</i> , 2016, 233, 457-467.	3.1	44
102	Brazilian Pampa Biome Honey Protects Against Mortality, Locomotor Deficits and Oxidative Stress Induced by Hypoxia/Reperfusion in Adult <i>Drosophila melanogaster</i> . <i>Neurochemical Research</i> , 2016, 41, 116-129.	3.3	8
103	Therapeutic Potential of Plant Extracts and Phytochemicals Against Brain Ischemia-Reperfusion Injury: A Review. <i>Natural Products Journal</i> , 2016, 6, 250-284.	0.3	11
104	Synthesis and Biological Evaluation of 2-Picolylamide-Based Diselenides with Non-Bonded Interactions. <i>Molecules</i> , 2015, 20, 10095-10109.	3.8	39
105	Diphenyl Ditelluride Intoxication Triggers Histological Changes in Liver, Kidney, and Lung of Mice. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-10.	1.4	2
106	Influence of diphenyl diselenide on chlorpyrifos-induced toxicity in <i>Drosophila melanogaster</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 32, 52-59.	3.0	25
107	In vitro evaluation of glutathione peroxidase (GPx)-like activity and antioxidant properties of an organoselenium compound. <i>Toxicology in Vitro</i> , 2015, 29, 947-952.	2.4	38
108	New Organochalcogen Multitarget Drug: Synthesis and Antioxidant and Antitumoral Activities of Chalcogenozidovudine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3329-3339.	6.4	107

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109	Ovotoxicants 4-vinylcyclohexene 1,2-monoepoxide and 4-vinylcyclohexene diepoxide disrupt redox status and modify different electrophile sensitive target enzymes and genes in <i>Drosophila melanogaster</i> . <i>Redox Biology</i> , 2015, 5, 328-339.	9.0	63
110	Diphenyl diselenide (PhSe) ₂ inhibits biofilm formation by <i>Candida albicans</i> , increasing both ROS production and membrane permeability. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 289-295.	3.0	32
111	Effects of diphenyl diselenide on behavioral and biochemical changes induced by amphetamine in mice. <i>Journal of Neural Transmission</i> , 2015, 122, 201-209.	2.8	11
112	Effect of <i>Syzygium cumini</i> and <i>Bauhinia forficata</i> aqueous-leaf extracts on oxidative and mitochondrial parameters in vitro. <i>EXCLI Journal</i> , 2015, 14, 1219-31.	0.7	5
113	Caffeine Intake May Modulate Inflammation Markers in Trained Rats. <i>Nutrients</i> , 2014, 6, 1678-1690.	4.1	24
114	Chromatographic Analysis and Antioxidant Capacity of <i>Tabernaemontana catharinensis</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	8
115	<i>Parkia biglobosa</i> Improves Mitochondrial Functioning and Protects against Neurotoxic Agents in Rat Brain Hippocampal Slices. <i>BioMed Research International</i> , 2014, 2014, 1-15.	1.9	13
116	Diphenyl Diselenide Modulates Gene Expression of Antioxidant Enzymes in the Cerebral Cortex, Hippocampus and Striatum of Female Hypothyroid Rats. <i>Neuroendocrinology</i> , 2014, 100, 45-59.	2.5	16
117	Inflammatory Response in Patients under Coronary Artery Bypass Grafting Surgery and Clinical Implications: A Review of the Relevance of Dexmedetomidine Use. <i>ISRN Anesthesiology</i> , 2014, 2014, 1-28.	0.3	9
118	Brazilian scientific production in areas of biological sciences: a comparative study on the modalities of full doctorate in Brazil or abroad. <i>Scientometrics</i> , 2014, 98, 415-427.	3.0	8
119	Herbicide Clomazone Effects on Î-Aminolevulinic Acid Activity and Metabolic Parameters in <i>Cyprinus carpio</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 393-398.	2.7	8
120	Chemical composition, antioxidant and anticholinesterase activity of <i>Melissa officinalis</i> . <i>Industrial Crops and Products</i> , 2014, 53, 34-45.	5.2	62
121	Antioxidant activity of <i>Peumus boldus</i> extract and alkaloid boldine against damage induced by Fe(II)-citrate in rat liver mitochondria in vitro. <i>Industrial Crops and Products</i> , 2014, 54, 240-247.	5.2	38
122	Diphenyl diselenide supplemented diet reduces depressive-like behavior in hypothyroid female rats. <i>Physiology and Behavior</i> , 2014, 124, 116-122.	2.1	22
123	Synthesis and biological evaluation of new nitrogen-containing diselenides. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 131-139.	5.5	64
124	Diphenyl diselenide administration enhances cortical mitochondrial number and activity by increasing hemoxygenase type 1 content in a methylmercury-induced neurotoxicity mouse model. <i>Molecular and Cellular Biochemistry</i> , 2014, 390, 1-8.	3.1	34
125	1-(2-(2-(2-(1-Aminoethyl)phenyl)diselanyl)phenyl)ethanamine: An amino organoselenium compound with interesting antioxidant profile. <i>Toxicology in Vitro</i> , 2014, 28, 524-530.	2.4	17
126	Diphenyl diselenide protects endothelial cells against oxidized low density lipoprotein-induced injury: Involvement of mitochondrial function. <i>Biochimie</i> , 2014, 105, 172-181.	2.6	25

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127	Caffeine supplementation modulates oxidative stress markers in the liver of trained rats. <i>Life Sciences</i> , 2014, 96, 40-45.	4.3	44
128	Involvement of oxidative stress in 4-vinylcyclohexene-induced toxicity in <i>Drosophila melanogaster</i> . <i>Free Radical Biology and Medicine</i> , 2014, 71, 99-108.	2.9	84
129	Anxiolytic effects of diphenyl diselenide on adult zebrafish in a novelty paradigm. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 54, 187-194.	4.8	37
130	InÂVitro Antioxidant Activity and Effect of <i>Parkia biglobosa</i> Bark Extract on Mitochondrial Redox Status. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2014, 7, 202-210.	0.7	20
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265	Diphenyl diselenide and diphenyl ditelluride affect the rat glutamatergic system in vitro and in vivo. <i>Brain Research</i> , 2001, 906, 157-163.	2.2	108
266	Effect of Organic Forms of Selenium on $\hat{\Gamma}$ -Aminolevulinatase Dehydratase from Liver, Kidney, and Brain of Adult Rats. <i>Toxicology and Applied Pharmacology</i> , 1998, 149, 243-253.	2.8	165
267	Undernutrition During Suckling Changes the Sensitivity to Haloperidol and Chlorpromazine in Two Behavioural Measures in Weaning Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1997, 81, 114-123.	0.0	12