

Cristina W Nogueira

List of Publications by Year in descending order

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156
papers

7,629
citations

71102

41
h-index

60623

81
g-index

158
all docs

158
docs citations

158
times ranked

5528
citing authors

#	ARTICLE	IF	CITATIONS
1	Organoselenium and Organotellurium Compounds: Toxicology and Pharmacology. <i>Chemical Reviews</i> , 2004, 104, 6255-6286.	47.7	1,637
2	Toxicology and pharmacology of selenium: emphasis on synthetic organoselenium compounds. <i>Archives of Toxicology</i> , 2011, 85, 1313-1359.	4.2	416
3	Diphenyl Diselenide and Ascorbic Acid Changes Deposition of Selenium and Ascorbic Acid in Liver and Brain of Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001, 88, 119-125.	0.0	379
4	Krebs Cycle Intermediates Modulate Thiobarbituric Acid Reactive Species (TBARS) Production in Rat Brain In Vitro. <i>Neurochemical Research</i> , 2005, 30, 225-235.	3.3	287
5	Diphenyl diselenide a janus-faced molecule. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 2055-2071.	0.6	194
6	Dihydropyrimidin-(2H)-ones obtained by Ultrasound irradiation: a new class of potential antioxidant agents. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 513-518.	5.5	132
7	Toxicology and pharmacology of synthetic organoselenium compounds: an update. <i>Archives of Toxicology</i> , 2021, 95, 1179-1226.	4.2	125
8	Organoselenium compounds as mimics of selenoproteins and thiol modifier agents. <i>Metallomics</i> , 2017, 9, 1703-1734.	2.4	119
9	Electrophilic Cyclization of 2-Chalcogenealkynylanisoles: Versatile Access to 2-Chalcogen-benzofurans. <i>Journal of Organic Chemistry</i> , 2009, 74, 2153-2162.	3.2	117
10	Antinociceptive properties of diphenyl diselenide: Evidences for the mechanism of action. <i>European Journal of Pharmacology</i> , 2007, 555, 129-138.	3.5	110
11	Diphenyl diselenide reverses cadmium-induced oxidative damage on mice tissues. <i>Chemico-Biological Interactions</i> , 2005, 151, 159-165.	4.0	99
12	Aminolevulinatase (δ -ALA-D) as marker protein of intoxication with metals and other pro-oxidant situations. <i>Toxicology Research</i> , 2012, 1, 85.	2.1	97
13	Quercitrin, a glycoside form of quercetin, prevents lipid peroxidation in vitro. <i>Brain Research</i> , 2006, 1107, 192-198.	2.2	90
14	Oral administration of diphenyl diselenide protects against cadmium-induced liver damage in rats. <i>Chemico-Biological Interactions</i> , 2008, 171, 15-25.	4.0	87
15	Electrophilic Cyclization of <i>Z</i> -Selenoenynes: Synthesis and Reactivity of 3-Iodoselenophenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 6726-6734.	3.2	81
16	Cadmium induced testicular damage and its response to administration of succimer and diphenyl diselenide in mice. <i>Toxicology Letters</i> , 2004, 152, 255-263.	0.8	76
17	Brain and lungs of rats are differently affected by cigarette smoke exposure: Antioxidant effect of an organoselenium compound. <i>Pharmacological Research</i> , 2009, 59, 194-201.	7.1	75
18	Comparative study of quercetin and its two glycoside derivatives quercitrin and rutin against methylmercury (MeHg)-induced ROS production in rat brain slices. <i>Archives of Toxicology</i> , 2010, 84, 89-97.	4.2	75

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19	Antisecretory and antiulcer effects of diphenyl diselenide. <i>Environmental Toxicology and Pharmacology</i> , 2006, 21, 86-92.	4.0	70
20	Monoaminergic agents modulate antidepressant-like effect caused by diphenyl diselenide in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1261-1269.	4.8	69
21	Highly Stereoselective One-Pot Procedure To Prepare Bis- and Tris-chalcogenide Alkenes via Addition of Disulfides and Diselenides to Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2005, 70, 5257-5268.	3.2	66
22	Involvement of oxidative stress in the pre-malignant and malignant states of cervical cancer in women. <i>Clinical Biochemistry</i> , 2005, 38, 1071-1075.	1.9	64
23	Efficacy of diphenyl diselenide against cerebral and pulmonary damage induced by cadmium in mice. <i>Toxicology Letters</i> , 2007, 173, 181-190.	0.8	63
24	Guanosine and synthetic organoselenium compounds modulate methylmercury-induced oxidative stress in rat brain cortical slices: Involvement of oxidative stress and glutamatergic system. <i>Toxicology in Vitro</i> , 2009, 23, 302-307.	2.4	63
25	Anticonvulsant and antioxidant effects of 3-alkynyl selenophene in 21-day-old rats on pilocarpine model of seizures. <i>Brain Research Bulletin</i> , 2009, 79, 281-287.	3.0	60
26	Synthesis of Organochalcogen Propargyl Aryl Ethers and Their Application in the Electrophilic Cyclization Reaction: An Efficient Preparation of 3-Halo-4-Chalcogen-2 <i>H</i> -Benzopyrans. <i>Journal of Organic Chemistry</i> , 2009, 74, 3469-3477.	3.2	59
27	Exposure to ebselen changes glutamate uptake and release by rat brain synaptosomes. <i>Neurochemical Research</i> , 2002, 27, 283-288.	3.3	57
28	Palladium-Catalyzed Suzuki Cross-Coupling of 2-Haloselenophenes: Synthesis of 2-Arylselenophenes, 2,5-Diarylselenophenes, and 2-Arylselenophenyl Ketones. <i>Journal of Organic Chemistry</i> , 2006, 71, 3786-3792.	3.2	57
29	Antidepressant-like effect of a new selenium-containing compound is accompanied by a reduction of neuroinflammation and oxidative stress in lipopolysaccharide-challenged mice. <i>Journal of Psychopharmacology</i> , 2017, 31, 1263-1273.	4.0	57
30	Copper Iodide-Catalyzed Cyclization of (<i>Z</i>)-Chalcogenoenynes. <i>Organic Letters</i> , 2008, 10, 4983-4986.	4.6	55
31	Hepatoprotective effect of 3-alkynyl selenophene on acute liver injury induced by D-galactosamine and lipopolysaccharide. <i>Experimental and Molecular Pathology</i> , 2009, 87, 20-26.	2.1	53
32	Ebselen attenuates reserpine-induced orofacial dyskinesia and oxidative stress in rat striatum. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 135-140.	4.8	50
33	Bis selenide alkene derivatives: A class of potential antioxidant and antinociceptive agents. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 83, 221-229.	2.9	50
34	Antinociceptive and anti-allodynic effects of 3-alkynyl selenophene on different models of nociception in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 419-425.	2.9	49
35	Efficacy of 2,3-dimercapto-1-propanesulfonic acid (DMPS) and diphenyl diselenide on cadmium induced testicular damage in mice. <i>Food and Chemical Toxicology</i> , 2005, 43, 1723-1730.	3.6	48
36	Mitochondrial Dysfunction Induced by Different Organochalcogens Is Mediated by Thiol Oxidation and Is Not Dependent of the Classical Mitochondrial Permeability Transition Pore Opening. <i>Toxicological Sciences</i> , 2010, 117, 133-143.	3.1	48

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37	Bis-vinyl selenides obtained via iron(iii) catalyzed addition of PhSeSePh to alkynes: synthesis and antinociceptive activity. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1199.	2.8	48
38	Comparative Studies on Dicholesteroyl Diselenide and Diphenyl Diselenide as Antioxidant Agents and their Effect on the Activities of Na ⁺ /K ⁺ ATPase and Î ² -Aminolevulinic acid Dehydratase in the Rat Brain. <i>Neurochemical Research</i> , 2008, 33, 167-178.	3.3	45
39	Antiviral Action of Diphenyl Diselenide on Herpes Simplex Virus 2 Infection in Female BALB/c Mice. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1638-1648.	2.6	45
40	On the mechanisms involved in antinociception induced by diphenyl diselenide. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 283-289.	4.0	44
41	Depression-like behavior and mechanical allodynia are reduced by bis selenide treatment in mice with chronic constriction injury: a comparison with fluoxetine, amitriptyline, and bupropion. <i>Psychopharmacology</i> , 2010, 212, 513-522.	3.1	44
42	Protective Effect of Diphenyl Diselenide on Ischemia and Reperfusion-Induced Cerebral Injury: Involvement of Oxidative Stress and Pro-Inflammatory Cytokines. <i>Neurochemical Research</i> , 2012, 37, 2249-2258.	3.3	43
43	Diphenyl diselenide attenuates acute thermal hyperalgesia and persistent inflammatory and neuropathic pain behavior in mice. <i>Brain Research</i> , 2007, 1175, 54-59.	2.2	42
44	Copper-Promoted Carbon-Nitrogen Bond Formation with 2-Iodo-selenophene and Amides. <i>Journal of Organic Chemistry</i> , 2006, 71, 1552-1557.	3.2	39
45	Involvement of oxidative stress in seizures induced by diphenyl diselenide in rat pups. <i>Brain Research</i> , 2007, 1147, 226-232.	2.2	38
46	Diphenyl diselenide regulates Nrf2/Keap-1 signaling pathway and counteracts hepatic oxidative stress induced by bisphenol A in male mice. <i>Environmental Research</i> , 2018, 164, 280-287.	7.5	38
47	Sub-chronic administration of diphenyl diselenide potentiates cadmium-induced testicular damage in mice. <i>Reproductive Toxicology</i> , 2006, 22, 546-550.	2.9	37
48	Iron(III) Chloride/Diorganoyl Diselenides-Promoted Regioselective Cyclization of Alkynyl Aryl Ketones: Synthesis of 3-Organoselenyl Chromenones under Ambient Atmosphere. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2042-2050.	4.3	35
49	Evaluation of antioxidant activity and potential toxicity of 1-buthyltelurenyl-2-methylthioheptene. <i>Life Sciences</i> , 2006, 79, 1546-1552.	4.3	33
50	Antidepressant-like effect of diphenyl diselenide on rats exposed to malathion: Involvement of Na ⁺ /K ⁺ ATPase activity. <i>Neuroscience Letters</i> , 2009, 455, 168-172.	2.1	33
51	Antioxidant properties of diorganoyl diselenides and ditellurides: modulation by organic aryl or naphthyl moiety. <i>Molecular and Cellular Biochemistry</i> , 2012, 371, 97-104.	3.1	33
52	Comparative Excretion and Tissue Distribution of Selenium in Mice and Rats Following Treatment with Diphenyl Diselenide. <i>Biological Trace Element Research</i> , 2012, 150, 272-277.	3.5	33
53	Regio- and stereoselective synthesis of vinyl sulfides via PhSeBr-catalyzed hydrothiolation of alkynes. <i>Tetrahedron Letters</i> , 2007, 48, 4805-4808.	1.4	32
54	Cadmium inhibits Î ² -aminolevulinic acid dehydratase from rat lung in vitro: Interaction with chelating and antioxidant agents. <i>Chemico-Biological Interactions</i> , 2007, 165, 127-137.	4.0	32

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55	Antioxidant effect of diphenyl diselenide on oxidative damage induced by smoke in rats: Involvement of glutathione. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 248-254.	6.0	32
56	The potential antioxidant activity of 2,3-dihydro-selenophene, a prototype drug of 4-aryl-2,3-dihydro-selenophenes. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1418-1425.	3.0	32
57	The peroxisome proliferator-activated receptor α agonist pioglitazone protects against cisplatin-induced renal damage in mice. <i>Journal of Applied Toxicology</i> , 2014, 34, 25-32.	2.8	31
58	Further analysis of the antinociceptive action caused by p-methoxyl-diphenyl diselenide in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 91, 573-580.	2.9	30
59	Protective effect of disubstituted diaryl diselenides on cerebral oxidative damage caused by sodium nitroprusside. <i>Biochemical Engineering Journal</i> , 2009, 45, 94-99.	3.6	30
60	Evidence for the involvement of the serotonergic 5-HT _{2A/C} and 5-HT ₃ receptors in the antidepressant-like effect caused by oral administration of bis selenide in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 294-302.	4.8	30
61	Antioxidant effect of a novel class of telluroacetilene compounds: Studies in vitro and in vivo. <i>Life Sciences</i> , 2009, 84, 351-357.	4.3	28
62	Studies on preventive effects of diphenyl diselenide on acetaminophen-induced hepatotoxicity in rats. <i>Pathophysiology</i> , 2009, 16, 31-37.	2.2	28
63	Bisphenol A impairs the memory function and glutamatergic homeostasis in a sex-dependent manner in mice: Beneficial effects of diphenyl diselenide. <i>Toxicology and Applied Pharmacology</i> , 2017, 329, 75-84.	2.8	28
64	Protective effect of unsymmetrical dichalcogenide, a novel antioxidant agent, in vitro and an in vivo model of brain oxidative damage. <i>Chemico-Biological Interactions</i> , 2008, 176, 129-136.	4.0	27
65	Diphenyl diselenide in its selenol form has dehydroascorbate reductase and glutathione S-transferase-like activity dependent on the glutathione content. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1146-1151.	2.4	27
66	2,2'-Dipyridyl diselenide is a better antioxidant than other disubstituted diaryl diselenides. <i>Molecular and Cellular Biochemistry</i> , 2012, 367, 153-163.	3.1	27
67	2,2'-Dithienyl diselenide pro-oxidant activity accounts for antibacterial and antifungal activities. <i>Microbiological Research</i> , 2013, 168, 563-568.	5.3	27
68	Diphenyl diselenide reduces inflammation in the mouse model of pleurisy induced by carrageenan: reduction of pro-inflammatory markers and reactive species levels. <i>Inflammation Research</i> , 2012, 61, 1117-1124.	4.0	26
69	Diphenyl diselenide prevents oxidative damage induced by cigarette smoke exposure in lung of rat pups. <i>Toxicology</i> , 2007, 230, 189-196.	4.2	25
70	High sucrose consumption potentiates the sub-acute cadmium effect on Na ⁺ /K ⁺ -ATPase but not on γ -aminolevulinic acid dehydratase in mice. <i>Toxicology Letters</i> , 2004, 153, 333-341.	0.8	24
71	Synthesis of polyacetylenic acids isolated from <i>Nanodea muscosa</i> . <i>Tetrahedron Letters</i> , 2005, 46, 8761-8764.	1.4	24
72	Ebselen and diphenyl diselenide do not change the inhibitory effect of lead acetate on delta-aminolevulinic acid dehydratase. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 239-248.	4.0	24

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73	Palladium-catalyzed cross-coupling of 2-haloselenophene with terminal alkynes in the absence of additive. <i>Tetrahedron Letters</i> , 2006, 47, 2179-2182.	1.4	24
74	Highly Stereoselective One-Pot Procedure to Prepare Unsymmetrical Bis- and Tris-chalcogenide Alkenes via Addition of Chalcogens to Alkynes. <i>Organometallics</i> , 2007, 26, 4252-4256.	2.3	24
75	Protective effect of binaphthyl diselenide, a synthetic organoselenium compound, on 2-nitropropane-induced hepatotoxicity in rats. <i>Cell Biochemistry and Function</i> , 2010, 28, 258-265.	2.9	24
76	2,2-dithienyl diselenide, an organoselenium compound, elicits antioxidant action and inhibits monoamine oxidase activity <i>in vitro</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 677-684.	5.2	24
77	Antinociceptive action of diphenyl diselenide in the nociception induced by neonatal administration of monosodium glutamate in rats. <i>European Journal of Pharmacology</i> , 2015, 758, 64-71.	3.5	24
78	Diphenyl diselenide elicits antidepressant-like activity in rats exposed to monosodium glutamate: A contribution of serotonin uptake and Na ⁺ , K ⁺ -ATPase activity. <i>Behavioural Brain Research</i> , 2016, 301, 161-167.	2.2	24
79	Ebselen inhibits the activity of acetylcholinesterase globular isoform G4 <i>in vitro</i> and attenuates scopolamine-induced amnesia in mice. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5598-5608.	2.6	23
80	Exposure of mothers to diphenyl ditelluride during the suckling period changes behavioral tendencies in their offspring. <i>Brain Research Bulletin</i> , 2006, 69, 311-317.	3.0	22
81	Spinal mechanisms of antinociceptive effect caused by oral administration of bis-selenide in mice. <i>Brain Research</i> , 2008, 1231, 25-33.	2.2	22
82	Diphenyl diselenide protects against glycerol-induced renal damage in rats. <i>Journal of Applied Toxicology</i> , 2009, 29, 612-618.	2.8	22
83	<i>In vitro</i> metabolism of diphenyl diselenide in rat liver fractions. Conjugation with GSH and binding to thiol groups. <i>Chemico-Biological Interactions</i> , 2012, 200, 65-72.	4.0	22
84	Ebselen attenuates cadmium-induced testicular damage in mice. <i>Journal of Applied Toxicology</i> , 2008, 28, 322-328.	2.8	21
85	Diphenyl diselenide protects against hematological and immunological alterations induced by mercury in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2008, 22, 311-319.	3.0	21
86	Enhancement of iron-catalyzed lipid peroxidation by acidosis in brain homogenate: Comparative effect of diphenyl diselenide and ebselen. <i>Brain Research</i> , 2009, 1258, 71-77.	2.2	21
87	Organoselenium Bis Selenide Attenuates 3-Nitropropionic Acid-Induced Neurotoxicity in Rats. <i>Neurotoxicity Research</i> , 2013, 23, 214-224.	2.7	21
88	Diphenyl diselenide and 2,3-dimercaptopropanol increase the PTZ-induced chemical seizure and mortality in mice. <i>Brain Research Bulletin</i> , 2006, 68, 414-418.	3.0	20
89	Spinal mechanisms of antinociceptive action caused by diphenyl diselenide. <i>Brain Research</i> , 2007, 1162, 32-37.	2.2	20
90	Diphenyl Diselenide-Induced Seizures in Rat Pups: Possible Interaction with Glutamatergic System. <i>Neurochemical Research</i> , 2008, 33, 996-1004.	3.3	20

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91	Introduction of trifluoromethyl group into diphenyl diselenide molecule alters its toxicity and protective effect against damage induced by 2-nitropropane in rats. <i>Experimental and Toxicologic Pathology</i> , 2009, 61, 197-203.	2.1	20
92	Involvement of l-arginineâ€“nitric oxideâ€“cyclic guanosine monophosphate pathway in the antidepressant-like effect of bis selenide in the mouse tail suspension test. <i>European Journal of Pharmacology</i> , 2010, 635, 135-141.	3.5	20
93	Anticonvulsant effect of (E)-2-benzylidene-4-phenyl-1,3-diselenole in a pilocarpine model in mice. <i>Life Sciences</i> , 2010, 87, 620-627.	4.3	20
94	Teratogenic effects of diphenyl diselenide in Wistar rats. <i>Reproductive Toxicology</i> , 2005, 20, 561-568.	2.9	19
95	3-Iodoselenophene derivatives: a versatile substrate for Negishi cross-coupling reaction. <i>Tetrahedron Letters</i> , 2008, 49, 538-542.	1.4	19
96	Caffeine and a selective adenosine A2B receptor antagonist but not imidazoline receptor antagonists modulate antinociception induced by diphenyl diselenide in mice. <i>Neuroscience Letters</i> , 2008, 436, 120-123.	2.1	19
97	Physicochemical and Biochemical Profiling of Diphenyl Diselenide. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 885-893.	2.9	19
98	Opioid system contribution to the antidepressant-like action of m-trifluoromethyl-diphenyl diselenide in mice: A compound devoid of tolerance and withdrawal syndrome. <i>Journal of Psychopharmacology</i> , 2017, 31, 1250-1262.	4.0	19
99	Screening of potentially toxic chalcogens in erythrocytes. <i>Toxicology in Vitro</i> , 2007, 21, 139-145.	2.4	18
100	Selective blockade of mGlu5 metabotropic glutamate receptors is hepatoprotective against fulminant hepatic failure induced by lipopolysaccharide and galactosamine in mice. <i>Journal of Applied Toxicology</i> , 2009, 29, 323-329.	2.8	18
101	(E)-2-benzylidene-4-phenyl-1,3-diselenole has antioxidant and hepatoprotective properties against oxidative damage induced by 2-nitropropane in rats. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 80-90.	1.9	18
102	p-Chloro-diphenyl diselenide, an organoselenium compound, with antidepressant-like and memory enhancer actions in aging male rats. <i>Biogerontology</i> , 2012, 13, 237-249.	3.9	18
103	Effects of diphenyl and p-chloro-diphenyl diselenides on feeding behavior of rats. <i>Psychopharmacology</i> , 2015, 232, 2239-2249.	3.1	18
104	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> , 2016, 48, 137-148.	2.7	18
105	m-Trifluoromethyl-diphenyl diselenide (m-CF3-PhSe) ₂ modulates the hippocampal neurotoxic adaptations and abolishes a depressive-like phenotype in a short-term morphine withdrawal in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 98, 109803.	4.8	18
106	45Ca ²⁺ Influx in Rat Brain: Effect of Diorganylchalcogenides Compounds. <i>Toxicological Sciences</i> , 2007, 99, 566-571.	3.1	17
107	Bis(phenylimidazoselenazolyl) diselenide elicits antinociceptive effect by modulating myeloperoxidase activity, NOx and NFkB levels in the collagen-induced arthritis mouse model. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1022-1032.	2.4	17
108	Selective inhibition of MAO-A activity results in an antidepressant-like action of 2-benzoyl 4-iodoselenophene in mice. <i>Physiology and Behavior</i> , 2017, 170, 100-105.	2.1	17

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109	m-Trifluoromethyl-diphenyl diselenide attenuates pentylenetetrazole-induced seizures in mice by inhibiting GABA uptake in cerebral cortex slices. <i>Pharmacological Reports</i> , 2009, 61, 1127-1133.	3.3	16
110	p-Chloro-diphenyl diselenide reverses memory impairment-related to stress caused by corticosterone and modulates hippocampal [3H]glutamate uptake in mice. <i>Physiology and Behavior</i> , 2016, 164, 25-33.	2.1	16
111	Diphenyl Diselenide Reduces Oxidative Stress and Toxicity Caused by HSV α 2 Infection in Mice. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1028-1037.	2.6	16
112	Involvement of catalase in the protective effect of binaphthyl diselenide against renal damage induced by glycerol. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 331-335.	2.1	15
113	Diphenyl Diselenide-Loaded Nanocapsules: Preparation and Biological Distribution. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 755-766.	2.9	15
114	Effects of ethanol and diphenyl diselenide exposure on the activity of Γ -aminolevulinatase dehydratase from mouse liver and brain. <i>Food and Chemical Toxicology</i> , 2006, 44, 588-594.	3.6	14
115	DMPS and N-acetylcysteine induced renal toxicity in mice exposed to mercury. <i>BioMetals</i> , 2006, 19, 389-398.	4.1	14
116	1,1,2-Tris-organoselenide alkene derivatives, but not 1,2-bis-organoselenide alkene derivatives, inhibited Γ -aminolevulinatase dehydratase activity from human erythrocytic cells in vitro. <i>Toxicology in Vitro</i> , 2007, 21, 387-391.	2.4	14
117	Toxicological Investigation and Antinociceptive Property of Potassium Thiophene α -Trifluoroborate. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 448-454.	2.5	14
118	Mechanisms involved in the antinociceptive effect caused by diphenyl diselenide in the formalin test. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 1679-1686.	2.4	14
119	p-Methoxyl-diphenyl diselenide protects against cisplatin-induced renal toxicity in mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 1187-1193.	3.6	14
120	Ethanol-Induced Oxidative Stress: The Role of Binaphthyl Diselenide as a Potent Antioxidant. <i>Biological Trace Element Research</i> , 2012, 147, 309-314.	3.5	14
121	Diphenyl diselenide changes behavior in female pups. <i>Neurotoxicology and Teratology</i> , 2006, 28, 607-616.	2.4	13
122	Synthesis of Γ -hydroxy- Γ -alkyl/aryl- Γ -organo-selenium and Γ -organo-tellurium: a new class of organochalcogen compounds with antinociceptive activity. <i>Tetrahedron Letters</i> , 2008, 49, 3252-3256.	1.4	13
123	Effects of acidosis and Fe (II) on lipid peroxidation in phospholipid extract: Comparative effect of diphenyl diselenide and ebselen. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 152-154.	4.0	13
124	Diphenyl diselenide ameliorates cognitive deficits induced by a model of menopause in rats. <i>Behavioural Pharmacology</i> , 2012, 23, 98-104.	1.7	13
125	Plasmatic vitamin C in nontreated hepatitis C patients is negatively associated with aspartate aminotransferase. <i>Liver International</i> , 2008, 28, 54-60.	3.9	12
126	Oral administration of diphenyl diselenide potentiates hepatotoxicity induced by carbon tetrachloride in rats. <i>Journal of Applied Toxicology</i> , 2009, 29, 156-164.	2.8	12

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127	Ebselen reduces hyperglycemia temporarily-induced by diazinon: A compound with insulin-mimetic properties. <i>Chemico-Biological Interactions</i> , 2012, 197, 80-86.	4.0	12
128	(<i>E</i>)-2-Benzylidene-4-phenyl-1,3-diselenole ameliorates signals of renal injury induced by cisplatin in rats. <i>Journal of Applied Toxicology</i> , 2014, 34, 87-94.	2.8	11
129	(<i>p</i> -ClPhSe) ₂ stimulates carbohydrate metabolism and reverses the metabolic alterations induced by high fructose load in rats. <i>Food and Chemical Toxicology</i> , 2017, 107, 122-128.	3.6	11
130	Repeated administration of diphenyl diselenide to pregnant rats induces adverse effects on embryonic/fetal development. <i>Reproductive Toxicology</i> , 2007, 23, 175-181.	2.9	10
131	Evidence of the involvement of K ⁺ channels and PPAR ^γ receptors in the antidepressant-like activity of diphenyl diselenide in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1121-1127.	2.4	10
132	Diphenyl diselenide potentiates nephrotoxicity induced by mercuric chloride in mice. <i>Journal of Applied Toxicology</i> , 2011, 31, 773-782.	2.8	10
133	Ebselen exhibits glycation-inhibiting properties and protects against osmotic fragility of human erythrocytes in vitro. <i>Cell Biology International</i> , 2014, 38, 625-630.	3.0	10
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