

# Cristina W. Nogueira

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

395 papers	11,384 citations	47 h-index	83 g-index
403 ext. papers	12,255 ext. citations	4.4 avg, IF	6.38 L-index

#	Paper	IF	Citations
395	Swimming exercise and diphenyl diselenide-supplemented diet modulate cerebral cortical and striatal GABA uptake in aged rats.. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2022</b> , 94, e20200844	1.4	
394	m-CF-substituted diphenyl diselenide attenuates all phases of morphine-induced behavioral locomotor sensitization in mice. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2022</b> , 69, 126889	4.1	0
393	Beneficial effects of QTC-4-MeOBnE in an LPS-induced mouse model of depression and cognitive impairments: The role of blood-brain barrier permeability, NF- $\kappa$ B signaling, and microglial activation. <i>Brain, Behavior, and Immunity</i> , <b>2022</b> , 99, 177-191	16.6	2
392	Diphenyl diselenide alone and in combination with itraconazole against <i>Sporothrix schenckii</i> s.str. and <i>Sporothrix globosa</i> . <i>Brazilian Journal of Microbiology</i> , <b>2021</b> , 52, 1271-1274	2.2	0
391	Toxicology and pharmacology of synthetic organoselenium compounds: an update. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 1179-1226	5.8	40
390	Synergism of Nikkomycin Z in Combination with Diphenyl Diselenide Against <i>Sporothrix</i> spp. <i>Current Microbiology</i> , <b>2021</b> , 78, 2905-2909	2.4	0
389	Nuclear Factor [Erythroid-derived 2]-like 2 and Mitochondrial Transcription Factor A Contribute to Moderate-intensity Swimming Effectiveness against Memory Impairment in Young Mice Induced by Concomitant Exposure to a High-calorie Diet during the Early Life Period. <i>Neuroscience</i> , <b>2021</b> , 452, 311-325	3.9	1
388	Swimming training mitigates the sex-specific hepatic disruption caused by a high-calorie diet: The putative modulation of Nrf2/Keap-1 pathway in male mice. <i>Cell Biochemistry and Function</i> , <b>2021</b> , 39, 646-657	4.2	0
387	Memory impairment and depressive-like phenotype are accompanied by downregulation of hippocampal insulin and BDNF signaling pathways in prediabetic mice. <i>Physiology and Behavior</i> , <b>2021</b> , 237, 113346	3.5	6
386	CF3-substituted diselenide modulatory effects on oxidative stress, induced by single and repeated morphine administrations, in susceptible tissues of mice. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2021</b> , 99, 761-767	2.4	0
385	4,4RDichloro-diphenyl diselenide modulated oxidative stress that differently affected peripheral tissues in streptozotocin-exposed mice. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2021</b> , 99, 943-951	2.4	1
384	Mucoadhesive gellan gum hydrogel containing diphenyl diselenide-loaded nanocapsules presents improved anti-candida action in a mouse model of vulvovaginal candidiasis. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 167, 106011	5.1	2
383	Opioid System Contributes to the Trifluoromethyl-Substituted Diselenide Effectiveness in a Lifestyle-Induced Depression Mouse Model. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 2231-2241	6.2	1
382	The role of nitric oxide in glutaric acid-induced convulsive behavior in pup rats. <i>European Journal of Neuroscience</i> , <b>2020</b> , 52, 3738-3745	3.5	1
381	Dopaminergic system contribution to the antidepressant-like effect of 3-phenyl-4-(phenylseleno) isoquinoline in mice. <i>Behavioural Brain Research</i> , <b>2020</b> , 386, 112602	3.4	4
380	Ebselen reversed peripheral oxidative stress induced by a mouse model of sporadic Alzheimer's disease. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 2205-2215	2.8	7
379	Diphenyl diselenide is as effective as Ebselen in a juvenile rat model of cisplatin-induced nephrotoxicity. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 60, 126482	4.1	5

378	Strength exercise suppresses STZ-induced spatial memory impairment and modulates BDNF/ERK-CAMKII/CREB signalling pathway in the hippocampus of mice. <i>Cell Biochemistry and Function</i> , <b>2020</b> , 38, 213-221	4.2	2
377	Similar hepatoprotective effectiveness of Diphenyl diselenide and Ebselen against cisplatin-induced disruption of metabolic homeostasis and redox balance in juvenile rats. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 330, 109234	5	1
376	Females are more susceptible than male mice to thermal hypernociceptive behavior induced by early-life bisphenol-A exposure: Effectiveness of diphenyl diselenide. <i>European Journal of Pharmacology</i> , <b>2020</b> , 879, 173156	5.3	2
375	Hesperidin Ameliorates Anxiety-Depressive-Like Behavior in 6-OHDA Model of Parkinson's Disease by Regulating Striatal Cytokine and Neurotrophic Factors Levels and Dopaminergic Innervation Loss in the Striatum of Mice. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 3027-3041	6.2	10
374	m-Trifluoromethyl-diphenyl diselenide (m-CF-PhSe) 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> , <b>2020</b> , 98, 109803	5.5	10
373	Keap1/Nrf2/HO-1 signaling pathway contributes to p-chlorodiphenyl diselenide antidepressant-like action in diabetic mice. <i>Psychopharmacology</i> , <b>2020</b> , 237, 363-374	4.7	7
372	Contribution of cholinergic system and Nrf2/HO-1 signaling to the anti-amnesic action of 7-fluoro-1,3-diphenylisoquinoline-1-amine in mice. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 317, 108959	5	2
371	Design of Pegylated-Nanocapsules to Diphenyl Diselenide Administration: In Vitro Evidence of Hemocompatible and Selective Antiglioma Formulation. <i>AAPS PharmSciTech</i> , <b>2020</b> , 21, 307	3.9	2
370	Heat stress on oocyte or zygote compromises embryo development, impairs interferon tau production and increases reactive oxygen species and oxidative stress in bovine embryos produced in vitro. <i>Molecular Reproduction and Development</i> , <b>2020</b> , 87, 899-909	2.6	4
369	Nanoencapsulation potentiates the cutaneous anti-inflammatory effect of p,p'-methoxyl-diphenyl diselenide: Design, permeation, and in vivo studies of a nanotechnological-based carrageenan gum hydrogel. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 153, 105500	5.1	2
368	Involvement of kynurenine pathway in depressive-like behaviour induced by nandrolone decanoate in mice. <i>Steroids</i> , <b>2020</b> , 164, 108727	2.8	6
367	Ethylcellulose microparticles enhance 3,3'-diindolylmethane anti-hypernociceptive action in an animal model of acute inflammatory pain. <i>Journal of Microencapsulation</i> , <b>2020</b> , 37, 528-541	3.4	
366	Xanthan gum-based hydrogel containing nanocapsules for cutaneous diphenyl diselenide delivery in melanoma therapy. <i>Investigational New Drugs</i> , <b>2020</b> , 38, 662-674	4.3	12
365	Diphenyl diselenide and its interaction with antifungals against <i>Aspergillus</i> spp. <i>Medical Mycology</i> , <b>2020</b> ,	3.9	6
364	4,4'-Dichlorodiphenyl diselenide reverses a depressive-like phenotype, modulates prefrontal cortical oxidative stress and dysregulated glutamatergic neurotransmission induced by subchronic dexamethasone exposure to mice. <i>Journal of Psychiatric Research</i> , <b>2019</b> , 116, 61-68	5.2	9
363	(p-ClPhSe) modulates hippocampal BDNF/TrkB signaling and reverses memory impairment induced by diabetes in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 94, 109660	5.5	7
362	3,3'-Diindolylmethane nanoencapsulation improves its antinociceptive action: Physicochemical and behavioral studies. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 181, 295-304	6	1
361	Resistance training restores metabolic alterations induced by monosodium glutamate in a sex-dependent manner in male and female rats. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 13426-13440	4.7	7

360	Zebrafish exposure to diphenyl diselenide-loaded polymeric nanocapsules caused no behavioral impairments and brain oxidative stress. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2019</b> , 53, 62-68	4.1	6
359	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
358	Pro-apoptotic cell signaling in the prefrontal cortex contributes to depressive-/anxiogenic-like behavioral phenotype of mice subchronically exposed to dexamethasone. <i>Journal of Chemical Neuroanatomy</i> , <b>2019</b> , 100, 101663	3.2	1
357	Antitumor action of diphenyl diselenide nanocapsules: In vitro assessments and preclinical evidence in an animal model of glioblastoma multiforme. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2019</b> , 55, 180-189	4.1	10
356	Lipopolysaccharide-induced depressive-like, anxiogenic-like and hyperalgesic behavior is attenuated by acute administration of $\alpha$ -(phenylselanyl) acetophenone in mice. <i>Neuropharmacology</i> , <b>2019</b> , 146, 128-137	5.5	16
355	The selenium-containing compound 3-((4-chlorophenyl)selanyl)-1-methyl-1H-indole reverses depressive-like behavior induced by acute restraint stress in mice: modulation of oxido-nitrosative stress and inflammatory pathway. <i>Psychopharmacology</i> , <b>2019</b> , 236, 2867-2880	4.7	31
354	A multifunctional compound ebselen reverses memory impairment, apoptosis and oxidative stress in a mouse model of sporadic Alzheimer's disease. <i>Journal of Psychiatric Research</i> , <b>2019</b> , 109, 107-117	5.2	42
353	m-Trifluoromethyl-diphenyl Diselenide Regulates Prefrontal Cortical MOR and KOR Protein Levels and Abolishes the Phenotype Induced by Repeated Forced Swim Stress in Mice. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 8991-9000	6.2	11
352	Ebselen inhibits the activity of acetylcholinesterase globular isoform G4 in vitro and attenuates scopolamine-induced amnesia in mice. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 5598-5608	4.7	18
351	Diphenyl diselenide regulates Nrf2/Keap-1 signaling pathway and counteracts hepatic oxidative stress induced by bisphenol A in male mice. <i>Environmental Research</i> , <b>2018</b> , 164, 280-287	7.9	22
350	Anti-inflammatory and antinociceptive effects of 2,2'-dipyridyl diselenide through reduction of inducible nitric oxide synthase, nuclear factor-kappa B and c-Jun N-terminal kinase phosphorylation levels in the mouse spinal cord. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 48, 38-45	4.1	7
349	Nanocapsules improve indole-3-carbinol photostability and prolong its antinociceptive action in acute pain animal models. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 111, 133-141	5.1	18
348	p,p'-Methoxyl-diphenyl diselenide-loaded polymeric nanocapsules as a novel approach to inflammatory pain treatment: Behavioral, biochemistry and molecular evidence. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 111, 38-45	5.1	5
347	Diphenyl diselenide loaded poly( $\epsilon$ -caprolactone) nanocapsules with selective antimelanoma activity: Development and cytotoxic evaluation. <i>Materials Science and Engineering C</i> , <b>2018</b> , 91, 1-9	8.3	18
346	Pattern differences between newborn and adult rats in cisplatin-induced hepatorenal toxicity. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 294, 65-73	5	3
345	Neuroprotective Benefits of Aerobic Exercise and Organoselenium Dietary Supplementation in Hippocampus of Old Rats. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 3832-3840	6.2	10
344	m-Trifluoromethyl-diphenyl diselenide promotes resilience to social avoidance induced by social defeat stress in mice: Contribution of opioid receptors and MAPKs. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 82, 123-135	5.5	16
343	7-Fluoro-1,3-diphenylisoquinoline reverses motor and non-motor symptoms induced by MPTP in mice: Role of striatal neuroinflammation. <i>European Journal of Pharmacology</i> , <b>2018</b> , 819, 129-135	5.3	9

342	Enhanced pharmacological actions of p,pRmethoxyl-diphenyl diselenide-loaded polymeric nanocapsules in a mouse model of neuropathic pain: Behavioral and molecular insights. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 46, 17-25	4.1	13
341	(p-ClPhSe) stabilizes metabolic function in a rat model of neuroendocrine obesity induced by monosodium glutamate. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 168-180	4.7	16
340	Monosodium glutamate induced nociception and oxidative stress dependent on time of administration, age of rats and susceptibility of spinal cord and brain regions. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 351, 64-73	4.6	11
339	Anthocyanins control neuroinflammation and consequent memory dysfunction in mice exposed to lipopolysaccharide. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 3350-3367	6.2	45
338	7-Fluoro-1,3-diphenylisoquinoline-1-amine reverses the reduction in self-care behavior induced by maternal separation stress in rats by modulating glutamatergic/GABAergic systems. <i>Journal of Psychiatric Research</i> , <b>2017</b> , 89, 28-37	5.2	7
337	(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
336	p,pRmethoxyl-diphenyl diselenide elicits an antidepressant-like effect in mice without discontinuation anxiety phenotype. <i>Pharmacology Biochemistry and Behavior</i> , <b>2017</b> , 154, 31-38	3.9	13
335	Bis(phenylimidazoselenazoly) 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> , <b>2017</b> , 69, 1022-1032	4.8	14
334	Resistance exercise reduces memory impairment induced by monosodium glutamate in male and female rats. <i>Experimental Physiology</i> , <b>2017</b> , 102, 845-853	2.4	10
333	Involvement of BDNF/TrkB signaling in the effect of diphenyl diselenide on motor function in a Parkinson's disease rat model. <i>European Journal of Pharmacology</i> , <b>2017</b> , 795, 28-35	5.3	22
332	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> , <b>2017</b> , 329, 75-84	4.6	21
331	p,pRmethoxyl-diphenyl diselenide-loaded polymeric nanocapsules are chemically stable and do not induce toxicity in mice. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 117, 39-48	5.7	15
330	Selective inhibition of MAO-A activity results in an antidepressant-like action of 2-benzoyl 4-iodoselenophene in mice. <i>Physiology and Behavior</i> , <b>2017</b> , 170, 100-105	3.5	12
329	Combined Therapy With Swimming Exercise and a Diet Supplemented With Diphenyl Diselenide Is Effective Against Age-Related Changes in the Hepatic Metabolism of Rats. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 1574-1582	4.7	8
328	Enhanced photostability, radical scavenging and antitumor activity of indole-3-carbinol-loaded rose hip oil nanocapsules. <i>Materials Science and Engineering C</i> , <b>2017</b> , 74, 279-286	8.3	33
327	Hypothalamic pathways regulate the anorectic action of p-chloro-diphenyl diselenide in rats. <i>European Journal of Pharmacology</i> , <b>2017</b> , 815, 241-250	5.3	8
326	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> , <b>2017</b> , 31, 1250-1262	4.6	16
325	Organoselenium compounds as mimics of selenoproteins and thiol modifier agents. <i>Metallomics</i> , <b>2017</b> , 9, 1703-1734	4.5	83



324	p,pMethoxyl-diphenyl diselenide incorporation into polymeric nanocapsules improves its antinociceptive action: Physicochemical and behavioral studies. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 157, 464-472	6	14
323	Brain-derived neurotrophic factor signaling plays a role in resilience to stress promoted by isoquinoline in defeated mice. <i>Journal of Psychiatric Research</i> , <b>2017</b> , 94, 78-87	5.2	8
322	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> , <b>2017</b> , 31, 1263-1273	4.6	48
321	(p-ClPhSe) stimulates carbohydrate metabolism and reverses the metabolic alterations induced by high fructose load in rats. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 107, 122-128	4.7	10
320	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
319	Diphenyl Diselenide Reduces Oxidative Stress and Toxicity Caused by HSV-2 Infection in Mice. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 1028-1037	4.7	11
318	ΔAminolevulinate Dehydratase Activity is Stimulated in a MPTP Mouse Model of Parkinson's Disease: Correlation with Myeloperoxidase Activity. <i>Cellular and Molecular Neurobiology</i> , <b>2017</b> , 37, 911-917	4.6	5
317	Sulfhydryl-Based Inhibition of ΔALA-D and Na <sup>+</sup> , K <sup>+</sup> -ATPase Activities Depends on the Organoselenium Group Bonded to the Isoquinoline. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 1144-1150	4.7	2
316	Effectiveness of bis(phenylimidazoselenazoly) diselenide on a mouse model of inflammatory nociception. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 96, 56-63	7.5	3
315	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
314	A diphenyl diselenide-supplemented diet and swimming exercise promote neuroprotection, reduced cell apoptosis and glial cell activation in the hypothalamus of old rats. <i>Experimental Gerontology</i> , <b>2016</b> , 82, 1-7	4.5	20
313	Pain-depression dyad induced by reserpine is relieved by p,pMethoxyl-diphenyl diselenide in rats. <i>European Journal of Pharmacology</i> , <b>2016</b> , 791, 794-802	5.3	13
312	Biochemical and histological evaluations of anti-inflammatory and antioxidant p-chloro-selenosteroid actions in acute murine models of inflammation. <i>European Journal of Pharmacology</i> , <b>2016</b> , 781, 25-35	5.3	16
311	Antiviral Action of Diphenyl Diselenide on Herpes Simplex Virus 2 Infection in Female BALB/c Mice. <i>Journal of Cellular Biochemistry</i> , <b>2016</b> , 117, 1638-48	4.7	35
310	Diphenyl diselenide ameliorates monosodium glutamate induced anxiety-like behavior in rats by modulating hippocampal BDNF-Akt pathway and uptake of GABA and serotonin neurotransmitters. <i>Physiology and Behavior</i> , <b>2016</b> , 155, 1-8	3.5	35
309	Diphenyl diselenide elicits antidepressant-like activity in rats exposed to monosodium glutamate: A contribution of serotonin uptake and Na <sup>+</sup> , K <sup>+</sup> -ATPase activity. <i>Behavioural Brain Research</i> , <b>2016</b> , 301, 161-7	3.4	23
308	m-Trifluoromethyl-diphenyldiselenide as a pharmacological tool to treat preference symptoms related to AMPH-induced dependence in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2016</b> , 66, 1-7	5.5	14
307	Increased xanthine oxidase-related ROS production and TRPV1 synthesis preceding DOMS post-eccentric exercise in rats. <i>Life Sciences</i> , <b>2016</b> , 152, 52-9	6.8	11

306	p-Chloro-diphenyl diselenide reverses memory impairment-related to stress caused by corticosterone and modulates hippocampal [(3)H]glutamate uptake in mice. <i>Physiology and Behavior</i> , <b>2016</b> , 164, 25-33	3.5	12
305	The hypolipidemic action of a diet supplemented with p,pRmethoxyl-diphenyl diselenide is not directly related to its antioxidant property. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2016</b> , 94, 662-8	2.4	5
304	4-Organoseleno-Isoquinolines Selectively and Reversibly Inhibit the Cerebral Monoamine Oxidase B Activity. <i>Journal of Molecular Neuroscience</i> , <b>2016</b> , 59, 135-45	3.3	11
303	A novel isoquinoline compound abolishes chronic unpredictable mild stress-induced depressive-like behavior in mice. <i>Behavioural Brain Research</i> , <b>2016</b> , 307, 73-83	3.4	25
302	Pomegranate seed oil nanoemulsions improve the photostability and in vivo antinociceptive effect of a non-steroidal anti-inflammatory drug. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 144, 214-221	6	30
301	Contribution of NMDA, GABAA and GABAB receptors and l-arginine-NO-cGMP, MEK1/2 and CaMK-II pathways in the antidepressant-like effect of 7-fluoro-1,3-diphenylisoquinoline-1-amine in mice. <i>European Journal of Pharmacology</i> , <b>2016</b> , 782, 6-13	5.3	12
300	Effects of diphenyl and p-chloro-diphenyl diselenides on feeding behavior of rats. <i>Psychopharmacology</i> , <b>2015</b> , 232, 2239-49	4.7	16
299	m-Trifluoromethyl-diphenyl diselenide, a multi-target selenium compound, prevented mechanical allodynia and depressive-like behavior in a mouse comorbid pain and depression model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 63, 35-46	5.5	40
298	7-Fluoro-1,3-diphenylisoquinoline-1-amine abolishes depressive-like behavior and prefrontal cortical oxidative damage induced by acute restraint stress in mice. <i>Physiology and Behavior</i> , <b>2015</b> , 149, 294-302	3.5	17
297	Bis(phenylimidazoselenazoly) diselenide as an antioxidant compound: An in vitro and in vivo study. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 233, 14-24	5	11
296	Antinociceptive action of diphenyl diselenide in the nociception induced by neonatal administration of monosodium glutamate in rats. <i>European Journal of Pharmacology</i> , <b>2015</b> , 758, 64-71	5.3	19
295	Evidence for the contribution of multiple mechanisms in the feeding pattern of rats exposed to p-chloro-diphenyl diselenide-supplemented diets. <i>Physiology and Behavior</i> , <b>2015</b> , 151, 298-307	3.5	7
294	Involvement of the serotonergic system in the anxiolytic-like effect of 2-phenylethynyl butyltellurium in mice. <i>Behavioural Brain Research</i> , <b>2015</b> , 277, 221-7	3.4	8
293	Swimming exercise and diphenyl diselenide-supplemented diet affect the serum levels of pro- and anti-inflammatory cytokines differently depending on the age of rats. <i>Cytokine</i> , <b>2015</b> , 71, 119-23	4	29
292	Ketoprofen-loaded pomegranate seed oil nanoemulsion stabilized by pullulan: Selective antiglioma formulation for intravenous administration. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 130, 272-7	6	32
291	Depressive-like behavior induced by tumor necrosis factor- $\alpha$ s attenuated by m-trifluoromethyl-diphenyl diselenide in mice. <i>Journal of Psychiatric Research</i> , <b>2015</b> , 66-67, 75-83	5.2	36
290	Inhibitory effect of ebselen on cerebral acetylcholinesterase activity in vitro: kinetics and reversibility of inhibition. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 920-4	3.3	23
289	Organoselenium Compounds as Potential Neuroprotective Therapeutic Agents. <i>Current Organic Chemistry</i> , <b>2015</b> , 20, 218-231	1.7	17

288	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
287	An organoselenium compound improves behavioral, endocrinal and neurochemical changes induced by corticosterone in mice. <i>Psychopharmacology</i> , <b>2014</b> , 231, 2119-30	4.7	19
286	Diphenyl diselenide-loaded nanocapsules: preparation and biological distribution. <i>Applied Biochemistry and Biotechnology</i> , <b>2014</b> , 172, 755-66	3.2	12
285	Diphenyl ditelluride induces anxiogenic-like behavior in rats by reducing glutamate uptake. <i>Biological Trace Element Research</i> , <b>2014</b> , 158, 392-8	4.5	6
284	ERK1/2 phosphorylation is involved in the antidepressant-like action of 2,5-diphenyl-3-(4-fluorophenylseleno)-selenophene in mice. <i>European Journal of Pharmacology</i> , <b>2014</b> , 736, 44-54	5.3	8
283	Evaluation of the pharmacological properties of salicylic acid-derivative organoselenium: 2-hydroxy-5-selenocyanatobenzoic acid as an anti-inflammatory and antinociceptive compound. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 118, 87-95	3.9	20
282	Contribution of dopaminergic and adenosinergic systems in the antinociceptive effect of p-chloro-selenosteroid. <i>European Journal of Pharmacology</i> , <b>2014</b> , 725, 79-86	5.3	19
281	Addition of butoxycarbonyl group to phenylalanine derived chalcogenide increases the toxic potential: importance of non-bonding nitrogen interaction. <i>Chemico-Biological Interactions</i> , <b>2014</b> , 207, 24-5	5	2
280	Synthesis of pharmacologically active 1-amino-isoquinolines prepared via silver triflate-catalyzed cyclization of o-alkynylbenzaloximes with isocyanates. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 51, 196-203	5.1	17
279	The antidepressant-like effect of 7-fluoro-1,3-diphenylisoquinoline-1-amine in the mouse forced swimming test is mediated by serotonergic and dopaminergic systems. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2014</b> , 54, 179-86	5.5	34
278	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
277	Ebselen exhibits glycation-inhibiting properties and protects against osmotic fragility of human erythrocytes in vitro. <i>Cell Biology International</i> , <b>2014</b> , 38, 625-30	4.5	8
276	Serotonergic systems are implicated in antinociceptive effect of m-trifluoromethyl diphenyl diselenide in the mouse glutamate test. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 125, 15-20	3.9	23
275	(E)-2-benzylidene-4-phenyl-1,3-diselenole ameliorates signals of renal injury induced by cisplatin in rats. <i>Journal of Applied Toxicology</i> , <b>2014</b> , 34, 87-94	4.1	8
274	The protective effect of melatonin against brain oxidative stress and hyperlocomotion in a rat model of mania induced by ouabain. <i>Behavioural Brain Research</i> , <b>2014</b> , 271, 316-24	3.4	24
273	Involvement of mGlu5 receptor in 3-nitropropionic acid-induced oxidative stress in rat striatum. <i>Neurological Research</i> , <b>2014</b> , 36, 833-40	2.7	6
272	Diphenyl diselenide protects against metabolic disorders induced by acephate acute exposure in rats. <i>Environmental Toxicology</i> , <b>2014</b> , 29, 665-71	4.2	5
271	The peroxisome proliferator-activated receptor- $\beta$ agonist pioglitazone protects against cisplatin-induced renal damage in mice. <i>Journal of Applied Toxicology</i> , <b>2014</b> , 34, 25-32	4.1	23



270	Depression-related behavior and mechanical allodynia are blocked by 3-(4-fluorophenylselenenyl)-2,5-diphenylselenophene in a mouse model of neuropathic pain induced by partial sciatic nerve ligation. <i>Neuropharmacology</i> , <b>2014</b> , 79, 580-9	5.5	34
269	Monosodium glutamate, a food additive, induces depressive-like and anxiogenic-like behaviors in young rats. <i>Life Sciences</i> , <b>2014</b> , 107, 27-31	6.8	47
268	Evaluation of special grains bean lines for grain yield, cooking time and mineral concentrations. <i>Crop Breeding and Applied Biotechnology</i> , <b>2014</b> , 14, 15-22	1.1	16
267	High doses of 2,2Rdithienyl diselenide cause systemic toxicity in rats: an in vitro and in vivo study. <i>Journal of Applied Toxicology</i> , <b>2013</b> , 33, 480-7	4.1	6
266	Chronic administration of methylmalonate on young rats alters neuroinflammatory markers and spatial memory. <i>Immunobiology</i> , <b>2013</b> , 218, 1175-83	3.4	19
265	Antifungal activities of diphenyl diselenide alone and in combination with fluconazole or amphotericin B against <i>Candida glabrata</i> . <i>Mycopathologia</i> , <b>2013</b> , 176, 165-9	2.9	16
264	Organoselenium bis selenide attenuates 3-nitropropionic acid-induced neurotoxicity in rats. <i>Neurotoxicity Research</i> , <b>2013</b> , 23, 214-24	4.3	18
263	Physicochemical and biochemical profiling of diphenyl diselenide. <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 169, 885-93	3.2	16
262	Diphenyl diselenide reduces mechanical and thermal nociceptive behavioral responses after unilateral intrastriatal administration of 6-hydroxydopamine in rats. <i>Biological Trace Element Research</i> , <b>2013</b> , 154, 372-8	4.5	16
261	An in vivo insight to the toxicological profile of various organotellurides. <i>Environmental Toxicology and Pharmacology</i> , <b>2013</b> , 36, 813-8	5.8	2
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259	Effects of diphenyl diselenide and diphenyl ditellurite on chicken embryo development. <i>Toxicology Mechanisms and Methods</i> , <b>2013</b> , 23, 660-4	3.6	4
258	Bis-vinyl selenides obtained via iron(III) catalyzed addition of PhSeSePh to alkynes: synthesis and antinociceptive activity. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 1199-208	3.9	33
257	p,PRMethoxyl-diphenyl diselenide protects against amyloid- $\beta$ -induced cytotoxicity in vitro and improves memory deficits in vivo. <i>Behavioural Brain Research</i> , <b>2013</b> , 247, 241-7	3.4	22
256	Acute treatment with bis selenide, an organic compound containing the trace element selenium, prevents memory deficits induced by reserpine in rats. <i>Biological Trace Element Research</i> , <b>2013</b> , 151, 92-9	4.5	10
255	p,PRMethoxyl-diphenyl diselenide prevents neurodegeneration and glial cell activation induced by streptozotocin in rats. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 33, 133-44	4.3	9
254	Acute creatine administration improves mitochondrial membrane potential and protects against pentylene-tetrazol-induced seizures. <i>Amino Acids</i> , <b>2013</b> , 44, 857-68	3.5	17
253	2-Phenylethynyl-butyltellurium attenuates amyloid- $\beta$ -peptide(25-35)-induced learning and memory impairments in mice. <i>Journal of Neuroscience Research</i> , <b>2013</b> , 91, 848-53	4.4	11

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251	Cognitive effects of diphenyl diselenide and estradiol treatments in ovariectomized mice. <i>Neurobiology of Learning and Memory</i> , <b>2013</b> , 99, 17-24	3.1	7
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247	2-Phenylethynyl-butyltellurium enhances learning and memory impaired by scopolamine in mice. <i>Behavioural Pharmacology</i> , <b>2013</b> , 24, 249-54	2.4	23
246	Trypanosoma evansi infection impairs memory, increases anxiety behaviour and alters neurochemical parameters in rats. <i>Parasitology</i> , <b>2013</b> , 140, 1432-41	2.7	10
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238	Diphenyl diselenide attenuates hepatic and hematologic toxicity induced by chlorpyrifos acute exposure in rats. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 3481-90	5.1	11
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230	p-Methoxyl-diphenyl diselenide protects against cisplatin-induced renal toxicity in mice. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 1187-93	4.7	12
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152	Human erythrocyte hemolysis induced by selenium and tellurium compounds increased by GSH or glucose: a possible involvement of reactive oxygen species. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 177, 28-33	5	34
151	Influence of pH on the reactivity of diphenyl ditelluride with thiols and anti-oxidant potential in rat brain. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 180, 47-53	5	12
150	Involvement of different types of potassium channels in the antidepressant-like effect of tramadol in the mouse forced swimming test. <i>European Journal of Pharmacology</i> , <b>2009</b> , 613, 74-8	5.3	15
149	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> , <b>2009</b> , 61, 197-203		17
148	Antioxidant effect of diphenyl diselenide on oxidative stress caused by acute physical exercise in skeletal muscle and lungs of mice. <i>Cell Biochemistry and Function</i> , <b>2009</b> , 27, 216-22	4.2	31
147	Oral administration of diphenyl diselenide potentiates hepatotoxicity induced by carbon tetrachloride in rats. <i>Journal of Applied Toxicology</i> , <b>2009</b> , 29, 156-64	4.1	12
146	Selective blockade of mGlu5 metabotropic glutamate receptors is hepatoprotective against fulminant hepatic failure induced by lipopolysaccharide and D-galactosamine in mice. <i>Journal of Applied Toxicology</i> , <b>2009</b> , 29, 323-9	4.1	16
145	Diphenyl diselenide protects against glycerol-induced renal damage in rats. <i>Journal of Applied Toxicology</i> , <b>2009</b> , 29, 612-8	4.1	21

144	Protective effect of disubstituted diaryl diselenides on cerebral oxidative damage caused by sodium nitroprusside. <i>Biochemical Engineering Journal</i> , <b>2009</b> , 45, 94-99	4.2	28
143	Disubstituted diaryl diselenides inhibit delta-ALA-D and Na <sup>+</sup> , K <sup>+</sup> -ATPase activities in rat brain homogenates in vitro. <i>Molecular and Cellular Biochemistry</i> , <b>2009</b> , 332, 17-24	4.2	11
142	Disubstituted diaryl diselenides inhibit [3H]-serotonin uptake in rats. <i>Neurotoxicity Research</i> , <b>2009</b> , 15, 57-61	4.3	9
141	Exposure to diphenyl ditelluride, via maternal milk, causes oxidative stress in cerebral cortex, hippocampus and striatum of young rats. <i>Archives of Toxicology</i> , <b>2009</b> , 83, 485-91	5.8	15
140	Toxicological investigation and antinociceptive property of potassium thiophene-3-trifluoroborate. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2009</b> , 104, 448-54	3.1	14
139	Diphenyl diselenide decreases serum levels of total cholesterol and tissue oxidative stress in cholesterol-fed rabbits. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2009</b> , 105, 17-23	3.1	41
138	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
137	Csp3-tellurium copper cross-coupling: synthesis of alkynyl tellurides a novel class of antidepressive-like compounds. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 909-915	2	15
136	Synthesis of 3-aryl-4-chalcogen-2H-benzopyrans from 3-iodo-4-chalcogen-2H-benzopyrans using a Suzuki cross-coupling. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 5326-5328	2	4
135	Involvement of non-enzymatic antioxidant defenses in the protective effect of diphenyl diselenide on testicular damage induced by cadmium in mice. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2009</b> , 23, 324-33	4.1	11
134	Synthesis of organochalcogen propargyl aryl ethers and their application in the electrophilic cyclization reaction: an efficient preparation of 3-halo-4-chalcogen-2H-benzopyrans. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 3469-77	4.2	54
133	Antioxidant effect of diphenyl diselenide on oxidative damage induced by smoke in rats: involvement of glutathione. <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 248-254	7	28
132	Diphenyl diselenide, a simple organoselenium compound, decreases methylmercury-induced cerebral, hepatic and renal oxidative stress and mercury deposition in adult mice. <i>Brain Research Bulletin</i> , <b>2009</b> , 79, 77-84	3.9	108
131	Anticonvulsant and antioxidant effects of 3-alkynyl selenophene in 21-day-old rats on pilocarpine model of seizures. <i>Brain Research Bulletin</i> , <b>2009</b> , 79, 281-7	3.9	56
130	Structural modifications into diphenyl diselenide molecule do not cause toxicity in mice. <i>Environmental Toxicology and Pharmacology</i> , <b>2009</b> , 27, 271-6	5.8	25
129	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> , <b>2009</b> , 28, 152-4	5.8	12
128	Antioxidant effect of alkynylselenoalcohol compounds on liver and brain of rats in vitro. <i>Environmental Toxicology and Pharmacology</i> , <b>2009</b> , 28, 280-7	5.8	49
127	Concomitant administration of sodium 2,3-dimercapto-1-propanesulphonate (DMPS) and diphenyl diselenide reduces effectiveness of DMPS in restoring damage induced by mercuric chloride in mice. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 1771-8	4.7	14

126	Involvement of the serotonergic system in the anxiolytic-like effect caused by m-trifluoromethyl-diphenyl diselenide in mice. <i>Behavioural Brain Research</i> , <b>2009</b> , 205, 511-7	3.4	31
125	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> , <b>2009</b> , 23, 302-7	3.6	55
124	Antioxidant effect of a novel class of telluroacetilene compounds: studies in vitro and in vivo. <i>Life Sciences</i> , <b>2009</b> , 84, 351-7	6.8	26
123	Antidepressant-like effect of diphenyl diselenide on rats exposed to malathion: involvement of Na <sup>+</sup> /K <sup>+</sup> ATPase activity. <i>Neuroscience Letters</i> , <b>2009</b> , 455, 168-72	3.3	31
122	Studies on preventive effects of diphenyl diselenide on acetaminophen-induced hepatotoxicity in rats. <i>Pathophysiology</i> , <b>2009</b> , 16, 31-7	1.8	27
121	Brain and lungs of rats are differently affected by cigarette smoke exposure: antioxidant effect of an organoselenium compound. <i>Pharmacological Research</i> , <b>2009</b> , 59, 194-201	10.2	66
120	Synthesis of natural polyacetylenes bearing furan rings. <i>Journal of Natural Products</i> , <b>2009</b> , 72, 857-60	4.9	32
119	Electrophilic cyclization of 2-chalcogenealkynylanisoles: versatile access to 2-chalcogen-benzo[b]furans. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 2153-62	4.2	106
118	m-Trifluoromethyl-diphenyl diselenide attenuates pentylentetrazole-induced seizures in mice by inhibiting GABA uptake in cerebral cortex slices. <i>Pharmacological Reports</i> , <b>2009</b> , 61, 1127-33	3.9	16
117	Hypolipidaemic activity of orally administered diphenyl diselenide in Triton WR-1339-induced hyperlipidaemia in mice. <i>Journal of Pharmacy and Pharmacology</i> , <b>2009</b> , 61, 1673-9	4.8	16
116	Mechanisms involved in the antinociceptive and anti-inflammatory effects of bis selenide in mice. <i>Journal of Pharmacy and Pharmacology</i> , <b>2009</b> , 61, 623-30	4.8	3
115	Neuroprotective effect caused by MPEP, an antagonist of metabotropic glutamate receptor mGluR5, on seizures induced by pilocarpine in 21-day-old rats. <i>Brain Research</i> , <b>2008</b> , 1198, 197-203	3.7	19
114	Sub-chronical exposure to diphenyl diselenide enhances acquisition and retention of spatial memory in rats. <i>Brain Research</i> , <b>2008</b> , 1201, 106-13	3.7	35
113	Spinal mechanisms of antinociceptive effect caused by oral administration of bis-selenide in mice. <i>Brain Research</i> , <b>2008</b> , 1231, 25-33	3.7	21
112	Oral administration of diphenyl diselenide protects against cadmium-induced liver damage in rats. <i>Chemico-Biological Interactions</i> , <b>2008</b> , 171, 15-25	5	78
111	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> , <b>2008</b> , 176, 129-36	5	26
110	Sun-drying diminishes the antioxidative potentials of leaves of <i>Eugenia uniflora</i> against formation of thiobarbituric acid reactive substances induced in homogenates of rat brain and liver. <i>Experimental and Toxicologic Pathology</i> , <b>2008</b> , 60, 365-71		13
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106	Copper iodide-catalyzed cyclization of (Z)-chalcogenoenynes. <i>Organic Letters</i> , <b>2008</b> , 10, 4983-6	6.2	48
105	Caffeine and a selective adenosine A(2B) receptor antagonist but not imidazoline receptor antagonists modulate antinociception induced by diphenyl diselenide in mice. <i>Neuroscience Letters</i> , <b>2008</b> , 436, 120-3	3.3	16
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103	Effects of undernutrition on glutamatergic parameters in the cerebral cortex of young rats. <i>Physiology and Behavior</i> , <b>2008</b> , 94, 580-5	3.5	12
102	Involvement of L-arginine-nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of tramadol in the rat forced swimming test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2008</b> , 32, 1838-43	5.5	66
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100	Diphenyl diselenide, a simple glutathione peroxidase mimetic, inhibits human LDL oxidation in vitro. <i>Atherosclerosis</i> , <b>2008</b> , 201, 92-100	3.1	48
99	Acute diphenyl diselenide treatment reduces hyperglycemia but does not change delta-aminolevulinate dehydratase activity in alloxan-induced diabetes in rats. <i>Biological and Pharmaceutical Bulletin</i> , <b>2008</b> , 31, 2200-4	2.3	15
98	Plasmatic vitamin C in nontreated hepatitis C patients is negatively associated with aspartate aminotransferase. <i>Liver International</i> , <b>2008</b> , 28, 54-60	7.9	11
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95	Diphenyl diselenide supplementation delays the development of N-nitroso-N-methylurea-induced mammary tumors. <i>Archives of Toxicology</i> , <b>2008</b> , 82, 655-63	5.8	26
94	Ebselen attenuates cadmium-induced testicular damage in mice. <i>Journal of Applied Toxicology</i> , <b>2008</b> , 28, 322-8	4.1	17
93	Toxicological evaluation of subchronic exposure to diphenyl diselenide in rats. <i>Journal of Applied Toxicology</i> , <b>2008</b> , 28, 638-44	4.1	14
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87	Electrophilic cyclization of (Z)-selenoenynes: synthesis and reactivity of 3-iodoselenophenes. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 6726-34	4.2	73
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85	Efficacy of diphenyl diselenide against cerebral and pulmonary damage induced by cadmium in mice. <i>Toxicology Letters</i> , <b>2007</b> , 173, 181-90	4.4	60
84	Palladium-Catalyzed Carbonylation of 2-Haloselenophenes: Synthesis of Selenophene-2-carboxamides, Selenophene-2,5-dicarboxamides and N,N'-Bridged Selenophene-2-carboxamides. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 5422-5428	3.2	8
83	Regio- and stereoselective synthesis of vinyl sulfides via PhSeBr-catalyzed hydrothiolation of alkynes. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 4805-4808	2	28
82	Diphenyl diselenide prevents oxidative damage induced by cigarette smoke exposure in lung of rat pups. <i>Toxicology</i> , <b>2007</b> , 230, 189-96	4.4	24
81	Diphenyl ditelluride effect on embryo/fetal development in mice: interspecies differences. <i>Toxicology</i> , <b>2007</b> , 231, 243-9	4.4	4
80	Effects of 2,3-dimercapto-1-propanesulfonic acid (DMPS) on methylmercury-induced locomotor deficits and cerebellar toxicity in mice. <i>Toxicology</i> , <b>2007</b> , 239, 195-203	4.4	58
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78	Involvement of oxidative stress in seizures induced by diphenyl diselenide in rat pups. <i>Brain Research</i> , <b>2007</b> , 1147, 226-32	3.7	37
77	Spinal mechanisms of antinociceptive action caused by diphenyl diselenide. <i>Brain Research</i> , <b>2007</b> , 1162, 32-7	3.7	19
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71	Repeated administration of diphenyl diselenide to pregnant rats induces adverse effects on embryonic/fetal development. <i>Reproductive Toxicology</i> , <b>2007</b> , 23, 175-81	3-4	8
70	Delta-aminolevulinate dehydratase (delta-ALA-D) activity in diabetes and hypothyroidism. <i>Clinical Biochemistry</i> , <b>2007</b> , 40, 321-5	3-5	16
69	(45)Ca(2+) influx in rat brain: effect of diorganylchalcogenides compounds. <i>Toxicological Sciences</i> , <b>2007</b> , 99, 566-71	4-4	17
68	Screening of potentially toxic chalcogens in erythrocytes. <i>Toxicology in Vitro</i> , <b>2007</b> , 21, 139-45	3-6	17
67	1,1,2-Tris-organoselenide alkene derivatives, but not 1,2-bis-organoselenide alkene derivatives, inhibited delta-aminolevulinate dehydratase activity from human erythrocytic cells in vitro. <i>Toxicology in Vitro</i> , <b>2007</b> , 21, 387-91	3-6	12
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60	Changes in biochemical parameters in rabbits blood after oral exposure to diphenyl diselenide for long periods. <i>Chemico-Biological Interactions</i> , <b>2006</b> , 162, 1-10	5	30
59	Antioxidant effect of diphenyl diselenide against sodium nitroprusside (SNP) induced lipid peroxidation in human platelets and erythrocyte membranes: an in vitro evaluation. <i>Chemico-Biological Interactions</i> , <b>2006</b> , 164, 126-35	5	40
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57	Quercitrin, a glycoside form of quercetin, prevents lipid peroxidation in vitro. <i>Brain Research</i> , <b>2006</b> , 1107, 192-8	3-7	77
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45	Changes in [(3)H]-glutamate uptake into platelets from patients with bipolar I disorder. <i>Psychiatry Research</i> , <b>2006</b> , 141, 343-7	9.9	12
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27	Teratogenic effects of diphenyl diselenide in Wistar rats. <i>Reproductive Toxicology</i> , <b>2005</b> , 20, 561-8	3.4	19
26	Protective effect of diphenyl diselenide on acute liver damage induced by 2-nitropropane in rats. <i>Toxicology</i> , <b>2005</b> , 210, 1-8	4.4	65
25	Krebs cycle intermediates modulate thiobarbituric acid reactive species (TBARS) production in rat brain in vitro. <i>Neurochemical Research</i> , <b>2005</b> , 30, 225-35	4.6	235
24	N-methyl-D-aspartate receptors are involved in the quinolinic acid, but not in the malonate pro-oxidative activity in vitro. <i>Neurochemical Research</i> , <b>2005</b> , 30, 417-24	4.6	15
23	Methyl phenyl selenide causes heme biosynthesis impairment and its toxicity is not modified by dimethyl sulphoxide in vivo. <i>Drug and Chemical Toxicology</i> , <b>2004</b> , 27, 331-40	2.3	6
22	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
21	Stereoselective sp <sup>2</sup> sp <sup>2</sup> bond formation via Negishi cross-coupling of vinylic tellurides and 2-heteroarylzinc chlorides. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 4823-4826	2	40
20	Stereoselective preparation of conjugated E-enynes from E-vinylic tellurides and terminal alkynes via Sonogashira cross-coupling. <i>Organic and Biomolecular Chemistry</i> , <b>2004</b> , 2, 803-5	3.9	23
19	Hydroselenation of alkynes by lithium butylselenolate: an approach in the synthesis of vinylic selenides. <i>Organic Letters</i> , <b>2004</b> , 6, 1135-8	6.2	62

18	Cadmium induced testicular damage and its response to administration of succimer and diphenyl diselenide in mice. <i>Toxicology Letters</i> , <b>2004</b> , 152, 255-63	4.4	68
17	High sucrose consumption potentiates the sub-acute cadmium effect on Na <sup>+</sup> /K <sup>+</sup> -ATPase but not on delta-aminolevulinate dehydratase in mice. <i>Toxicology Letters</i> , <b>2004</b> , 153, 333-41	4.4	22
16	Organoselenium and organotellurium compounds: toxicology and pharmacology. <i>Chemical Reviews</i> , <b>2004</b> , 104, 6255-85	68.1	1405
15	Effects of undernutrition on glutamatergic parameters in rat brain. <i>Neurochemical Research</i> , <b>2003</b> , 28, 1181-6	4.6	38
14	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
13	2,5-Bis-(butyltelluro) thiophene as a convenient precursor for the synthesis of 2,5-bis-(acetylenic) thiophenes. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 685-688	2	13
12	Palladium(II) chloride catalyzes the cross-coupling reaction of 2,5-bis-(butyltelluro)-furan and 1-alkynes. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 1387-1390	2	14
11	Thiophenes and furans derivatives: a new class of potential pharmacological agents. <i>Environmental Toxicology and Pharmacology</i> , <b>2003</b> , 15, 37-44	5.8	75
10	Ebselen attenuates reserpine-induced orofacial dyskinesia and oxidative stress in rat striatum. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2003</b> , 27, 135-40	5.5	44
9	Delta-aminolevulinate dehydratase inhibition by phenyl selenoacetylene: effect of reaction with hydrogen peroxide. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2002</b> , 90, 214-9		22
8	Exposure to ebselen changes glutamate uptake and release by rat brain synaptosomes. <i>Neurochemical Research</i> , <b>2002</b> , 27, 283-8	4.6	55
7	Ontogenetic study of the effects of energetic nutrients on amino acid metabolism of rat cerebral cortex. <i>Neurochemical Research</i> , <b>2002</b> , 27, 513-8	4.6	4
6	Effect of undernutrition on GMP-PNP binding and adenylate cyclase activity from rat brain. <i>Cellular and Molecular Neurobiology</i> , <b>2002</b> , 22, 365-72	4.6	5
5	Synthesis and anti-inflammatory activity of acetylenic thiophenes. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 7921-7923		50
4	New acetylenic furan derivatives: synthesis and anti-inflammatory activity. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 8927-8930	2	49
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> , <b>2001</b> , 88, 119-25		344
2	Diphenyl diselenide and diphenyl ditelluride affect the rat glutamatergic system in vitro and in vivo. <i>Brain Research</i> , <b>2001</b> , 906, 157-63	3.7	105
1	BAL modulates glutamate transport in synaptosomes and synaptic vesicles from rat brain. <i>NeuroReport</i> , <b>2001</b> , 12, 511-4	1.7	12



