

# Marcelo Farina

## 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.

194 papers	7,535 citations	49 h-index	76 g-index
205 ext. papers	8,348 ext. citations	4.3 avg, IF	5.83 L-index

#	Paper	IF	Citations
194	A Novel Diselenide-Probucol-Analogue Protects Against Methylmercury-Induced Toxicity in HT22 Cells by Upregulating Peroxide Detoxification Systems: a Comparison with Diphenyl Diselenide.. <i>Neurotoxicity Research</i> , <b>2022</b> , 40, 127-139	4.3	
193	The Modulatory Role of sti-1 in Methylmercury-Induced Toxicity in <i>Caenorhabditis elegans</i> .. <i>Neurotoxicity Research</i> , <b>2022</b> , 40, 837	4.3	0
192	Iron overload and neurodegenerative diseases: What can we learn from <i>Caenorhabditis elegans</i> ?. <i>Toxicology Research and Application</i> , <b>2022</b> , 6, 239784732210918	0.8	0
191	The Thiol-Modifier Effects of Organoselenium Compounds and Their Cytoprotective Actions in Neuronal Cells. <i>Neurochemical Research</i> , <b>2021</b> , 46, 120-130	4.6	18
190	Chronic exposure to methylmercury enhances the anorexigenic effects of leptin in C57BL/6J male mice. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 147, 111924	4.7	3
189	The Nrf2 Pathway in Ischemic Stroke: A Review. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
188	New Probucol Analogues Inhibit Ferroptosis, Improve Mitochondrial Parameters, and Induce Glutathione Peroxidase in HT22 Cells. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 3273-3290	6.2	5
187	Probucol Protects Neuronal Cells Against Peroxide-Induced Damage and Directly Activates Glutathione Peroxidase-1. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 3245-3257	6.2	2
186	Glutathione in Chlorpyrifos-and Chlorpyrifos-Oxon-Induced Toxicity: a Comparative Study Focused on Non-cholinergic Toxicity in HT22 Cells. <i>Neurotoxicity Research</i> , <b>2020</b> , 38, 603-610	4.3	5
185	Therapeutic Efficacy of the N,NSBis-(2-Mercaptoethyl) Isophthalamide Chelator for Methylmercury Intoxication in <i>Caenorhabditis elegans</i> . <i>Neurotoxicity Research</i> , <b>2020</b> , 38, 133-144	4.3	4
184	Manganese-induced neurotoxicity in cerebellar granule neurons due to perturbation of cell network pathways with potential implications for neurodegenerative disorders. <i>Metallomics</i> , <b>2020</b> , 12, 1656-1678	4.5	3
183	High Cholesterol Diet Exacerbates Blood-Brain Barrier Disruption in LDLr <sup>-/-</sup> Mice: Impact on Cognitive Function. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 78, 97-115	4.3	13
182	Early Postnatal Exposure to Paraquat and Maneb in Mice Increases Nigrostriatal Dopaminergic Susceptibility to a Re-challenge with the Same Pesticides at Adulthood: Implications for Parkinson's Disease. <i>Neurotoxicity Research</i> , <b>2020</b> , 37, 210-226	4.3	12
181	Methylmercury's chemistry: From the environment to the mammalian brain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2019</b> , 1863, 129284	4	40
180	Glutathione antioxidant system and methylmercury-induced neurotoxicity: An intriguing interplay. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2019</b> , 1863, 129285	4	52
179	Mercury in Our Food. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 1459-1461	4	15
178	Neuroprotective effect of jußra ( <i>Euterpe edulis</i> Martius) fruits extracts against glutamate-induced oxytosis in HT22 hippocampal cells. <i>Food Research International</i> , <b>2019</b> , 120, 114-123	7	11

177	Post-translational modifications in MeHg-induced neurotoxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 2068-2081	6.9	19
176	Sodium selenite protects from 3-nitropropionic acid-induced oxidative stress in cultured primary cortical neurons. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 751-762	2.8	8
175	Diphenyl diselenide protects neuronal cells against oxidative stress and mitochondrial dysfunction: Involvement of the glutathione-dependent antioxidant system. <i>Redox Biology</i> , <b>2019</b> , 20, 118-129	11.3	28
174	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> , <b>2018</b> , 113, 328-336	4.7	28
173	Design, Synthesis, and In Vitro Evaluation of a Novel Probucol Derivative: Protective Activity in Neuronal Cells Through GPx Upregulation. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 7619-7634	6.2	6
172	Brain-Derived Neurotrophic Factor Prevents Depressive-Like Behaviors in Early-Symptomatic YAC128 Huntington's Disease Mice. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 7201-7215	6.2	8
171	Lipopolysaccharide-Induced Striatal Nitrosative Stress and Impaired Social Recognition Memory Are Not Magnified by Paraquat Coexposure. <i>Neurochemical Research</i> , <b>2018</b> , 43, 745-759	4.6	6
170	Clarified AB[?] Juice as an Anticonvulsant Agent Mechanistic Study of GABAergic Targets. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 2678089	6.7	14
169	Assessing mercury intoxication in isolated/remote populations: Increased S100B mRNA in blood in exposed riverine inhabitants of the Amazon. <i>NeuroToxicology</i> , <b>2018</b> , 68, 151-158	4.4	20
168	Oxidative Stress in Methylmercury-Induced Cell Toxicity. <i>Toxics</i> , <b>2018</b> , 6,	4.7	49
167	Effects of perinatal exposure to n-3 polyunsaturated fatty acids and methylmercury on cerebellar and behavioral parameters in mice. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 120, 603-615	4.7	5
166	Antidepressant Effects of Probucol on Early-Symptomatic YAC128 Transgenic Mice for Huntington's Disease. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 4056383	3.3	6
165	Molecular Pathways Associated With Methylmercury-Induced Nrf2 Modulation. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 373	4.5	38
164	Paraquat and Maneb Exposure Alters Rat Neural Stem Cell Proliferation by Inducing Oxidative Stress: New Insights on Pesticide-Induced Neurodevelopmental Toxicity. <i>Neurotoxicity Research</i> , <b>2018</b> , 34, 820-833	4.3	33
163	Agmatine attenuates depressive-like behavior and hippocampal oxidative stress following amyloid [A[4]-40] administration in mice. <i>Behavioural Brain Research</i> , <b>2018</b> , 353, 51-56	3.4	18
162	Succinobucol, a Non-Statin Hypocholesterolemic Drug, Prevents Premotor Symptoms and Nigrostriatal Neurodegeneration in an Experimental Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 1513-1530	6.2	7
161	Inhibition of reductase systems by 2-AAPA modulates peroxiredoxin oxidation and mitochondrial function in A172 glioblastoma cells. <i>Toxicology in Vitro</i> , <b>2017</b> , 42, 273-280	3.6	5
160	Biomarkers of mercury toxicity: Past, present, and future trends. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2017</b> , 20, 119-154	8.6	106

159	Involvement of superoxide in malaoxon-induced toxicity in primary cultures of cortical neurons. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 1106-1115	3.2	5
158	Methylmercury exposure for 14 days (short-term) produces behavioral and biochemical changes in mouse cerebellum, liver, and serum. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 1145-1155	3.2	14
157	Methylmercury-Induced Neurotoxicity: Focus on Pro-oxidative Events and Related Consequences. <i>Advances in Neurobiology</i> , <b>2017</b> , 18, 267-286	2.1	36
156	The catecholaminergic neurotransmitter system in methylmercury-induced neurotoxicity. <i>Advances in Neurotoxicology</i> , <b>2017</b> , 1, 47-81	1.6	7
155	MPP-Lesioned Mice: an Experimental Model of Motor, Emotional, Memory/Learning, and Striatal Neurochemical Dysfunctions. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 6356-6377	6.2	23
154	Methylmercury-induced developmental toxicity is associated with oxidative stress and cofilin phosphorylation. Cellular and human studies. <i>NeuroToxicology</i> , <b>2017</b> , 59, 197-209	4.4	20
153	Superoxide anion generation and oxidative stress in methylmercury-induced endothelial toxicity in vitro. <i>Toxicology in Vitro</i> , <b>2017</b> , 38, 19-26	3.6	12
152	Sex- and structure-specific differences in antioxidant responses to methylmercury during early development. <i>NeuroToxicology</i> , <b>2016</b> , 56, 118-126	4.4	23
151	Agmatine attenuates reserpine-induced oral dyskinesia in mice: Role of oxidative stress, nitric oxide and glutamate NMDA receptors. <i>Behavioural Brain Research</i> , <b>2016</b> , 312, 64-76	3.4	18
150	Succinobucol, a Lipid-Lowering Drug, Protects Against 3-Nitropropionic Acid-Induced Mitochondrial Dysfunction and Oxidative Stress in SH-SY5Y Cells via Upregulation of Glutathione Levels and Glutamate Cysteine Ligase Activity. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 1280-1295	6.2	20
149	Long-term and low-dose malathion exposure causes cognitive impairment in adult mice: evidence of hippocampal mitochondrial dysfunction, astrogliosis and apoptotic events. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 647-60	5.8	37
148	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. <i>Epilepsy and Behavior</i> , <b>2016</b> , 55, 92-100	3.2	34
147	Decreased forelimb ability in mice intracerebroventricularly injected with low dose 6-hydroxidopamine: A model on the dissociation of bradykinesia from hypokinesia. <i>Behavioural Brain Research</i> , <b>2016</b> , 305, 30-6	3.4	5
146	Methylmercury and brain development: A review of recent literature. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2016</b> , 38, 99-107	4.1	92
145	Modulation of Brain Glutathione Reductase and Peroxiredoxin 2 by Tocopheryl Phosphate. <i>Cellular and Molecular Neurobiology</i> , <b>2016</b> , 36, 1015-1022	4.6	3
144	Ethnic Kawasaki Disease Risk Associated with Blood Mercury and Cadmium in U.S. Children. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	12
143	Is there an association between hypercholesterolemia and depression? Behavioral evidence from the LDLr(-/-) mouse experimental model. <i>Behavioural Brain Research</i> , <b>2016</b> , 311, 31-38	3.4	14
142	Tyrosine hydroxylase regulation in adult rat striatum following short-term neonatal exposure to manganese. <i>Metallomics</i> , <b>2016</b> , 8, 597-604	4.5	9

141	Developmental exposure to manganese induces lasting motor and cognitive impairment in rats. <i>NeuroToxicology</i> , <b>2015</b> , 50, 28-37	4.4	32
140	Atorvastatin Prevents Cognitive Deficits Induced by Intracerebroventricular Amyloid- $\beta$ -40 Administration in Mice: Involvement of Glutamatergic and Antioxidant Systems. <i>Neurotoxicity Research</i> , <b>2015</b> , 28, 32-42	4.3	24
139	Improved neuroprotective effects of resveratrol-loaded polysorbate 80-coated poly(lactide) nanoparticles in MPTP-induced Parkinsonism. <i>Nanomedicine</i> , <b>2015</b> , 10, 1127-38	5.6	73
138	Probucol mitigates streptozotocin-induced cognitive and biochemical changes in mice. <i>Neuroscience</i> , <b>2015</b> , 284, 590-600	3.9	22
137	Cholesterol Levels and Cognitive Impairments <b>2015</b> , 743-751		2
136	Riboflavin acetate induces apoptosis in squamous carcinoma cells after photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2015</b> , 153, 445-54	6.7	5
135	Anxiolytic-like, stimulant and neuroprotective effects of <i>Ilex paraguariensis</i> extracts in mice. <i>Neuroscience</i> , <b>2015</b> , 292, 13-21	3.9	22
134	Hypercholesterolemia induces short-term spatial memory impairments in mice: up-regulation of acetylcholinesterase activity as an early and causal event?. <i>Journal of Neural Transmission</i> , <b>2014</b> , 121, 415-26	4.3	23
133	Agmatine abolishes restraint stress-induced depressive-like behavior and hippocampal antioxidant imbalance in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2014</b> , 50, 143-50	5.5	73
132	Behavioral effects of developmental methylmercury drinking water exposure in rodents. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2014</b> , 28, 117-124	4.1	36
131	An unsolved puzzle: the complex interplay between methylmercury and fish oil-derived fatty acids within the cardiovascular system. <i>Toxicology Research</i> , <b>2014</b> , 3, 300	2.6	6
130	Guanosine prevents behavioral alterations in the forced swimming test and hippocampal oxidative damage induced by acute restraint stress. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 127, 7-14	3.9	43
129	Methionine stimulates motor impairment and cerebellar mercury deposition in methylmercury-exposed mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 46-56	3.2	16
128	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> , <b>2014</b> , 390, 1-8	4.2	31
127	Increased susceptibility to amyloid- $\beta$ -induced neurotoxicity in mice lacking the low-density lipoprotein receptor. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 41, 43-60	4.3	38
126	Interaction of curcumin with manganese may compromise metal and neurotransmitter homeostasis in the hippocampus of young mice. <i>Biological Trace Element Research</i> , <b>2014</b> , 158, 399-409	4.5	11
125	N-Acetylcysteine does not protect behavioral and biochemical toxicological effect after acute exposure of diphenyl ditelluride. <i>Toxicology Mechanisms and Methods</i> , <b>2014</b> , 24, 529-35	3.6	4
124	Both creatine and its product phosphocreatine reduce oxidative stress and afford neuroprotection in an in vitro Parkinson's model. <i>ASN Neuro</i> , <b>2014</b> , 6,	5.3	26

123	Chapter 8:Manganese and Oxidative Stress. <i>Issues in Toxicology</i> , <b>2014</b> , 199-220	0.3	
122	Manganese-exposed developing rats display motor deficits and striatal oxidative stress that are reversed by Trolox. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 1231-44	5.8	62
121	Diphenyl diselenide prevents cortico-cerebral mitochondrial dysfunction and oxidative stress induced by hypercholesterolemia in LDL receptor knockout mice. <i>Neurochemical Research</i> , <b>2013</b> , 38, 2028-36	4.6	27
120	Probucol affords neuroprotection in a 6-OHDA mouse model of Parkinson's disease. <i>Neurochemical Research</i> , <b>2013</b> , 38, 660-8	4.6	29
119	Sub-acute administration of (S)-dimethyl 2-(3-(phenyltellanyl) propanamido) succinate induces toxicity and oxidative stress in mice: unexpected effects of N-acetylcysteine. <i>SpringerPlus</i> , <b>2013</b> , 2, 182		3
118	Diphenyl diselenide modulates oxLDL-induced cytotoxicity in macrophage by improving the redox signaling. <i>Biochimie</i> , <b>2013</b> , 95, 1544-51	4.6	28
117	Protective effects of diphenyl diselenide in a mouse model of brain toxicity. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 206, 18-26	5	34
116	Comparative study on methyl- and ethylmercury-induced toxicity in C6 glioma cells and the potential role of LAT-1 in mediating mercurial-thiol complexes uptake. <i>NeuroToxicology</i> , <b>2013</b> , 38, 1-8	4.4	47
115	GABA-A receptor modulators alter emotionality and hippocampal theta rhythm in an animal model of long-lasting anxiety. <i>Brain Research</i> , <b>2013</b> , 1532, 21-31	3.7	13
114	Propylthiouracil-induced hypothyroidism during lactation alters leucine and mannose metabolism in rat cerebellar slices. <i>Experimental Biology and Medicine</i> , <b>2013</b> , 238, 31-6	3.7	7
113	Effects of lifestyle modifications on cognitive impairments in a mouse model of hypercholesterolemia. <i>Neuroscience Letters</i> , <b>2013</b> , 541, 193-8	3.3	13
112	Confinement during field studies may jeopardize antioxidant and physiological responses of Nile tilapia to contaminants. <i>Marine Environmental Research</i> , <b>2013</b> , 91, 97-103	3.3	4
111	Succinobucol versus probucol: higher efficiency of succinobucol in mitigating 3-NP-induced brain mitochondrial dysfunction and oxidative stress in vitro. <i>Mitochondrion</i> , <b>2013</b> , 13, 125-33	4.9	20
110	Neuropeptide Y (NPY) prevents depressive-like behavior, spatial memory deficits and oxidative stress following amyloid- $\beta$ (1-40) administration in mice. <i>Behavioural Brain Research</i> , <b>2013</b> , 244, 107-15	3.4	62
109	Protective effects of ascorbic acid on behavior and oxidative status of restraint-stressed mice. <i>Journal of Molecular Neuroscience</i> , <b>2013</b> , 49, 68-79	3.3	66
108	Estrogen attenuates manganese-induced glutamate transporter impairment in rat primary astrocytes. <i>Neurotoxicity Research</i> , <b>2013</b> , 23, 124-30	4.3	24
107	Metals, oxidative stress and neurodegeneration: a focus on iron, manganese and mercury. <i>Neurochemistry International</i> , <b>2013</b> , 62, 575-94	4.4	347
106	Platelet oxygen consumption as a peripheral blood marker of brain energetics in a mouse model of severe neurotoxicity. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2013</b> , 45, 449-57	3.7	10



105	Folic acid prevents depressive-like behavior and hippocampal antioxidant imbalance induced by restraint stress in mice. <i>Experimental Neurology</i> , <b>2013</b> , 240, 112-21	5.7	65
104	Toxicity of ethylmercury (and Thimerosal): a comparison with methylmercury. <i>Journal of Applied Toxicology</i> , <b>2013</b> , 33, 700-11	4.1	84
103	In vitro manganese exposure disrupts MAPK signaling pathways in striatal and hippocampal slices from immature rats. <i>BioMed Research International</i> , <b>2013</b> , 2013, 769295	3	12
102	Probucol increases striatal glutathione peroxidase activity and protects against 3-nitropropionic acid-induced pro-oxidative damage in rats. <i>PLoS ONE</i> , <b>2013</b> , 8, e67658	3.7	45
101	Ascorbic acid treatment, similarly to fluoxetine, reverses depressive-like behavior and brain oxidative damage induced by chronic unpredictable stress. <i>Journal of Psychiatric Research</i> , <b>2012</b> , 46, 331-40	5.2	160
100	Diphenyl ditelluride targets brain selenoproteins in vivo: inhibition of cerebral thioredoxin reductase and glutathione peroxidase in mice after acute exposure. <i>Molecular and Cellular Biochemistry</i> , <b>2012</b> , 370, 173-82	4.2	15
99	Protective effect of a novel peptide against methylmercury-induced toxicity in rat primary astrocytes. <i>NeuroToxicology</i> , <b>2012</b> , 33, 763-8	4.4	8
98	Probucol modulates oxidative stress and excitotoxicity in Huntington's disease models in vitro. <i>Brain Research Bulletin</i> , <b>2012</b> , 87, 397-405	3.9	40
97	Glia and methylmercury neurotoxicity. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2012</b> , 75, 1091-101	3.2	53
96	Probucol, a lipid-lowering drug, prevents cognitive and hippocampal synaptic impairments induced by amyloid $\beta$ peptide in mice. <i>Experimental Neurology</i> , <b>2012</b> , 233, 767-75	5.7	53
95	Does methylmercury-induced hypercholesterolemia play a causal role in its neurotoxicity and cardiovascular disease?. <i>Toxicological Sciences</i> , <b>2012</b> , 130, 373-82	4.4	34
94	Age-related cognitive decline in hypercholesterolemic LDL receptor knockout mice (LDLR <sup>-/-</sup> ): evidence of antioxidant imbalance and increased acetylcholinesterase activity in the prefrontal cortex. <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 32, 495-511	4.3	45
93	Methylmercury and Glia Cells <b>2012</b> , 271-285		
92	Redox State in Mediating Methylmercury Neurotoxicity <b>2012</b> , 101-125		2
91	Epigallocatechin-3-gallate protects rat brain mitochondria against cadmium-induced damage. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 2618-23	4.7	46
90	Glutamylcysteine ameliorates oxidative injury in neurons and astrocytes in vitro and increases brain glutathione in vivo. <i>NeuroToxicology</i> , <b>2011</b> , 32, 518-25	4.4	19
89	Methylmercury-induced alterations in astrocyte functions are attenuated by ebselen. <i>NeuroToxicology</i> , <b>2011</b> , 32, 291-9	4.4	69
88	Effects of K074 and pralidoxime on antioxidant and acetylcholinesterase response in malathion-poisoned mice. <i>NeuroToxicology</i> , <b>2011</b> , 32, 888-95	4.4	19

87	Mechanisms of methylmercury-induced neurotoxicity: evidence from experimental studies. <i>Life Sciences</i> , <b>2011</b> , 89, 555-63	6.8	290
86	Positive correlation between elevated plasma cholesterol levels and cognitive impairments in LDL receptor knockout mice: relevance of cortico-cerebral mitochondrial dysfunction and oxidative stress. <i>Neuroscience</i> , <b>2011</b> , 197, 99-106	3.9	71
85	The intranasal administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP): a new rodent model to test palliative and neuroprotective agents for Parkinson's disease. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 489-507	3.3	61
84	Protective effects of organoselenium compounds against methylmercury-induced oxidative stress in mouse brain mitochondrial-enriched fractions. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2011</b> , 44, 1156-63	2.8	15
83	Modulation of methylmercury uptake by methionine: prevention of mitochondrial dysfunction in rat liver slices by a mimicry mechanism. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 252, 28-35	4.6	35
82	Oxidative stress in MeHg-induced neurotoxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 256, 405-17	4.6	240
81	A study of the relative importance of the peroxiredoxin-, catalase-, and glutathione-dependent systems in neural peroxide metabolism. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 69-77	7.8	46
80	Comparative study on the response of rat primary astrocytes and microglia to methylmercury toxicity. <i>Glia</i> , <b>2011</b> , 59, 810-20	9	82
79	Mechanisms of manganese-induced neurotoxicity in primary neuronal cultures: the role of manganese speciation and cell type. <i>Toxicological Sciences</i> , <b>2011</b> , 124, 414-23	4.4	54
78	Introducing cloned genes into cultured neurons providing novel models for neuropathology and neurotoxicity studies. <i>Neuromethods</i> , <b>2011</b> , 56, 185-222	0.4	1
77	In vitro reactivating effects of standard and newly developed oximes on malaoxon-inhibited mouse brain acetylcholinesterase. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2010</b> , 107, 768-73	3.1	5
76	Complex methylmercury-cysteine alters mercury accumulation in different tissues of mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2010</b> , 107, 789-92	3.1	47
75	Gender effects of acute malathion or zinc exposure on the antioxidant response of rat hippocampus and cerebral cortex. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2010</b> , 107, 965-70	3.1	10
74	Expression of tyrosine hydroxylase increases the resistance of human neuroblastoma cells to oxidative insults. <i>Toxicological Sciences</i> , <b>2010</b> , 113, 150-7	4.4	16
73	Oxidative stress-mediated inhibition of brain creatine kinase activity by methylmercury. <i>NeuroToxicology</i> , <b>2010</b> , 31, 454-60	4.4	52
72	Effects of inorganic selenium administration in methylmercury-induced neurotoxicity in mouse cerebral cortex. <i>International Journal of Developmental Neuroscience</i> , <b>2010</b> , 28, 631-7	2.7	71
71	Structure-activity relationship of flavonoids derived from medicinal plants in preventing methylmercury-induced mitochondrial dysfunction. <i>Environmental Toxicology and Pharmacology</i> , <b>2010</b> , 30, 272-278	5.8	53
70	Effects of traumatic brain injury of different severities on emotional, cognitive, and oxidative stress-related parameters in mice. <i>Journal of Neurotrauma</i> , <b>2010</b> , 27, 1883-93	5.4	79



69	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> , <b>2010</b> , 84, 89-97	5.8	68
68	Effects of glyoxal or methylglyoxal on the metabolism of amino acids, lactate, glucose and acetate in the cerebral cortex of young and adult rats. <i>Brain Research</i> , <b>2010</b> , 1315, 19-24	3.7	7
67	Acute exposure of rabbits to diphenyl diselenide: a toxicological evaluation. <i>Journal of Applied Toxicology</i> , <b>2010</b> , 30, 761-8	4.1	14
66	Importance of the lipid peroxidation biomarkers and methodological aspects FOR malondialdehyde quantification. <i>Quimica Nova</i> , <b>2009</b> , 32, 169-174	1.6	181
65	High fat and highly thermolyzed fat diets promote insulin resistance and increase DNA damage in rats. <i>Experimental Biology and Medicine</i> , <b>2009</b> , 234, 1296-304	3.7	26
64	Probucol increases glutathione peroxidase-1 activity and displays long-lasting protection against methylmercury toxicity in cerebellar granule cells. <i>Toxicological Sciences</i> , <b>2009</b> , 112, 416-26	4.4	113
63	Methylmercury neurotoxicity is associated with inhibition of the antioxidant enzyme glutathione peroxidase. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 47, 449-57	7.8	179
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59	17 $\beta$ -Estradiol decreases methylmercury-induced neurotoxicity in male mice. <i>Environmental Toxicology and Pharmacology</i> , <b>2009</b> , 27, 293-7	5.8	28
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