Abel SantamarÃ-a

List of Publications by Year
in descending order

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164 papers	4,811 citations	101543 36 h-index	128289 60 g-index
173 all docs	173 docs citations	173 times ranked	5395 citing authors

#	Article	IF	Citations
1	An Update on the Critical Role of Î±-Synuclein in Parkinsonâ€™s Disease and Other Synucleinopathies: from Tissue to Cellular and Molecular Levels. Molecular Neurobiology, 2022, 59, 620-642.	4.0	21
2	Ghrelin attenuates methylmercury-induced oxidative stress in neuronal cells. Molecular Neurobiology, 2022, 59, 2098-2115.	4.0	2
3	Alpha-Mangostin Alleviates the Short-term 6-Hydroxydopamine-Induced Neurotoxicity and Oxidative Damage in Rat Cortical Slices and in Caenorhabditis elegans. Neurotoxicity Research, 2022, 40, 573-584.	2.7	5
4	Lactose and Casein Cause Changes on Biomarkers of Oxidative Damage and Dysbiosis in an Experimental Model of Multiple Sclerosis. CNS and Neurological Disorders - Drug Targets, 2022, 21, 680-692.	1.4	5
5	Mercury and cancer: Where are we now after two decades of research?. Food and Chemical Toxicology, 2022, 164, 113001.	3.6	17
6	The Modulatory Role of sti-1 in Methylmercury-Induced Toxicity in Caenorhabditis elegans. Neurotoxicity Research, 2022, 40, 837-846.	2.7	2
7	Iron overload and neurodegenerative diseases: What can we learn from Caenorhabditis elegans?. Toxicology Research and Application, 2022, 6, 239784732210918.	0.6	2
8	Thallium Induces Antiproliferative and Cytotoxic Activity in Glioblastoma C6 and U373 Cell Cultures via Apoptosis and Changes in Cell Cycle. Neurotoxicity Research, 2022, 40, 814-824.	2.7	5
9	Melatonin and multiple sclerosis: antioxidant, anti-inflammatory and immunomodulator mechanism of action. Inflammopharmacology, 2022, 30, 1569-1596.	3.9	22
10	Ferroptosis as a mechanism of non-ferrous metal toxicity. Archives of Toxicology, 2022, 96, 2391-2417.	4.2	28
11	Combatting Nitrosative Stress and Inflammation with Novel Substituted Triazinoindole Inhibitors of Aldose Reductase in PC12 Cells Exposed to 6-Hydroxydopamine Plus High Glucose. Neurotoxicity Research, 2021, 39, 210-226.	2.7	9
12	Chronic exposure to methylmercury disrupts ghrelin actions in C57BL/6J mice. Food and Chemical Toxicology, 2021, 147, 111918.	3.6	4
13	Chronic exposure to methylmercury enhances the anorexigenic effects of leptin in C57BL/6J male mice. Food and Chemical Toxicology, 2021, 147, 111924.	3.6	6
14	Isolevuglandins (isoLGs) as toxic lipid peroxidation byproducts and their pathogenetic role in human diseases. Free Radical Biology and Medicine, 2021, 162, 266-273.	2.9	14
15	URB597 Prevents the Short-Term Excitotoxic Cell Damage in Rat Cortical Slices: Role of Cannabinoid 1 Receptors. Neurotoxicity Research, 2021, 39, 146-155.	2.7	5
16	Neurotoxicity of thallium: Old issues and new developments. Advances in Neurotoxicology, 2021, , 285-297.	1.9	0
17	Review of the mechanism underlying mefloquine-induced neurotoxicity. Critical Reviews in Toxicology, 2021, 51, 209-216.	3.9	10
18	Evaluating the risk of manganese-induced neurotoxicity of parenteral nutrition: review of the current literature. Expert Opinion on Drug Metabolism and Toxicology, 2021, 17, 581-593.	3.3	9

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19	Protective Effects of Novel Substituted Triazinoindole Inhibitors of Aldose Reductase and Epalrestat in Neuron-like PC12 Cells and BV2 Rodent Microglial Cells Exposed to Toxic Models of Oxidative Stress: Comparison with the Pyridoindole Antioxidant Stobadine. Neurotoxicity Research, 2021, 39, 588-597.	2.7	8
20	Adipotropic effects of heavy metals and their potential role in obesity. Faculty Reviews, 2021, 10, 32.	3.9	28
21	Molecular Targets of Manganese-Induced Neurotoxicity: A Five-Year Update. International Journal of Molecular Sciences, 2021, 22, 4646.	4.1	68
22	Sirtuins as molecular targets, mediators, and protective agents in metal-induced toxicity. Archives of Toxicology, 2021, 95, 2263-2278.	4.2	23
23	Redox-active phytoconstituents ameliorate cell damage and inflammation in rat hippocampal neurons exposed to hyperglycemia+AÎ²1-42 peptide. Neurochemistry International, 2021, 145, 104993.	3.8	4
24	The Role of Human LRRK2 in Acute Methylmercury Toxicity in Caenorhabditis elegans. Neurochemical Research, 2021, 46, 2991-3002.	3.3	5
25	Platinum nanoparticles Protect Against Lipopolysaccharide-Induced Inflammation in Microglial BV-2 Cells via Decreased Oxidative Damage and Increased Phagocytosis. Neurochemical Research, 2021, 46, 3325-3341.	3.3	5
26	The antioxidant role of STAT3 in methylmercury-induced toxicity in mouse hypothalamic neuronal GT1-7Âcell line. Free Radical Biology and Medicine, 2021, 171, 245-259.	2.9	7
27	Gut Microbiota as a Potential Player in Mn-Induced Neurotoxicity. Biomolecules, 2021, 11, 1292.	4.0	21
28	Entrapment of chlorophyll from Chlorella vulgaris and Chlorella protothecoides into microporous silica synthesized by a sol-gel method. Journal of Physics Communications, 2021, 5, 105004.	1.2	0
29	The Endocannabinoid System in the Central Nervous System: Emphasis on the Role of the Mitochondrial Cannabinoid Receptor 1 (mtCB1R). , 2021, , 1-23.		1
30	Thallium Neurotoxicity. , 2021, , 1-27.		0
31	S-allylcysteine induces cytotoxic effects in two human lung cancer cell lines via induction of oxidative damage, downregulation of Nrf2 and NF-Î°B, and apoptosis. Anti-Cancer Drugs, 2021, 32, 117-126.	1.4	4
32	On the Biomedical Properties of Endocannabinoid Degradation and Reuptake Inhibitors: Pre-clinical and Clinical Evidence. Neurotoxicity Research, 2021, 39, 2072-2097.	2.7	4
33	The Endocannabinoid System in Caenorhabditis elegans. Reviews of Physiology, Biochemistry and Pharmacology, 2021, , 1-31.	1.6	5
34	Developmental exposure to methylmercury and ADHD, a literature review of epigenetic studies. Environmental Epigenetics, 2021, 7, dvab014.	1.8	6
35	A Cannabinoid Receptor-Mediated Mechanism Participates in the Neuroprotective Effects of Oleamide Against Excitotoxic Damage in Rat Brain Synaptosomes and Cortical Slices. Neurotoxicity Research, 2020, 37, 126-135.	2.7	21
36	Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and Caenorhabditis elegans: Involvement of Nrf2 and SKN-1 Signaling Pathways. Neurotoxicity Research, 2020, 37, 326-337.	2.7	18

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37	N,Nâ€™ bis-(2-mercaptoethyl) isophthalamide induces developmental delay in Caenorhabditis elegans by promoting DAF-16 nuclear localization. Toxicology Reports, 2020, 7, 930-937.	3.3	9
38	Cephalic Neuronal Vesicle Formation is Developmentally Dependent and Modified by Methylmercury and sti-1 in Caenorhabditis elegans. Neurochemical Research, 2020, 45, 2939-2948.	3.3	10
39	Antioxidant Mechanisms in the Neuroprotective Action of Cemtirestat: Studies in Chemical Models, Liposomes and Rat Brain Cortical Slices. Neuroscience, 2020, 443, 206-217.	2.3	9
40	Cannabinoid-profiled agents improve cell survival via reduction of oxidative stress and inflammation, and Nrf2 activation in a toxic model combining hyperglycemia+AÎ²1-42 peptide in rat hippocampal neurons. Neurochemistry International, 2020, 140, 104817.	3.8	23
41	The Role of Human LRRK2 in Methylmercury-Induced Inhibition of Microvesicle Formation of Cephalic Neurons in Caenorhabditis elegans. Neurotoxicity Research, 2020, 38, 751-764.	2.7	5
42	Oleamide Induces Cell Death in Glioblastoma RG2 Cells by a Cannabinoid Receptorâ€“Independent Mechanism. Neurotoxicity Research, 2020, 38, 941-956.	2.7	6
43	S-Allylcysteine Protects Against Excitotoxic Damage in Rat Cortical Slices Via Reduction of Oxidative Damage, Activation of Nrf2/ARE Binding, and BDNF Preservation. Neurotoxicity Research, 2020, 38, 929-940.	2.7	9
44	Manganese-induced neurodegenerative diseases and possible therapeutic approaches. Expert Review of Neurotherapeutics, 2020, 20, 1109-1121.	2.8	35
45	Generating Bacterial Foods in Toxicology Studies with Caenorhabditis elegans. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2020, 84, e94.	1.1	1
46	Thallium Toxicity in Caenorhabditis elegans: Involvement of the SKN-1 Pathway and Protection by S-Allylcysteine. Neurotoxicity Research, 2020, 38, 287-298.	2.7	10
47	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in Caenorhabditis elegans. NeuroToxicology, 2020, 77, 105-113.	3.0	25
48	Therapeutic Efficacy of the N,Nâ€² Bis-(2-Mercaptoethyl) Isophthalamide Chelator for Methylmercury Intoxication in Caenorhabditis elegans. Neurotoxicity Research, 2020, 38, 133-144.	2.7	6
49	The impact of manganese on neurotransmitter systems. Journal of Trace Elements in Medicine and Biology, 2020, 61, 126554.	3.0	35
50	Early Expression of Neuronal Dopaminergic Markers in a Parkinsonâ€™s Disease Model in Rats Implanted with Enteric Stem Cells (ENSCs). CNS and Neurological Disorders - Drug Targets, 2020, 19, 148-162.	1.4	2
51	Electrochemical Detection of Neurotransmitters in the Brain and Other Molecules with Biological Activity in the Nervous System: Dopamine Analysis. Current Organic Chemistry, 2020, 24, 2498-2507.	1.6	1
52	The Pharmacological Inhibition of Fatty Acid Amide Hydrolase Prevents Excitotoxic Damage in the Rat Striatum: Possible Involvement of CB1 Receptors Regulation. Molecular Neurobiology, 2019, 56, 844-856.	4.0	24
53	Extra-Virgin Olive Oil Modifies the Changes Induced in Non-Nervous Organs and Tissues by Experimental Autoimmune Encephalomyelitis Models. Nutrients, 2019, 11, 2448.	4.1	16
54	Anandamide Reduces the Toxic Synergism Exerted by Quinolinic Acid and Glutaric Acid in Rat Brain Neuronal Cells. Neuroscience, 2019, 401, 84-95.	2.3	11

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55	Rat Brain Slices: An Optimum Biological Preparation for Acute Neurotoxicological Studies. Neuromethods, 2019, , 195-207.	0.3	0
56	A Novel Phospholipase A2 Isolated from Palythoa caribaeorum Possesses Neurotoxic Activity. Toxins, 2019, 11, 89.	3.4	2
57	Identification of specific pre-analytical quality control markers in plasma and serum samples. Analytical Methods, 2019, 11, 2259-2271.	2.7	8
58	Iron and manganese-related CNS toxicity: mechanisms, diagnosis and treatment. Expert Review of Neurotherapeutics, 2019, 19, 243-260.	2.8	37
59	Comparing the Effects of Chlorogenic Acid and Ilex paraguariensis Extracts on Different Markers of Brain Alterations in Rats Subjected to Chronic Restraint Stress. Neurotoxicity Research, 2019, 35, 373-386.	2.7	12
60	Implications of Vitamin D in Multiple Sclerosis and Other Neurodegenerative Processes: Bibliometric Analysis and Systematic Review. CNS and Neurological Disorders - Drug Targets, 2019, 18, 478-490.	1.4	10
61	Co-localization of the Receptor for Advanced Glycation End Products (RAGE) with S100 Calcium-Binding Protein B (S100B) in Human Umbilical Vein Endothelial. Journal of the Mexican Chemical Society, 2019, 63, .	0.6	0
62	Ilex paraguariensis extracts reduce blood glucose, peripheral neuropathy and oxidative damage in male mice exposed to streptozotocin. Journal of Functional Foods, 2018, 44, 9-16.	3.4	8
63	Induction of Neuroinflammatory Response and Histopathological Alterations Caused by Quinolinic Acid Administration in the Striatum of Glutaryl-CoA Dehydrogenase Deficient Mice. Neurotoxicity Research, 2018, 33, 593-606.	2.7	6
64	Thallium-Induced Toxicity in Rat Brain Crude Synaptosomal/Mitochondrial Fractions is Sensitive to Anti-excitatory and Antioxidant Agents. Neurotoxicity Research, 2018, 33, 634-640.	2.7	29
65	Quinolinic acid and glutamatergic neurodegeneration in Caenorhabditis elegans. NeuroToxicology, 2018, 67, 94-101.	3.0	18
66	Redox Signaling, Neuroinflammation, and Neurodegeneration. Antioxidants and Redox Signaling, 2018, 28, 1626-1651.	5.4	62
67	Toxic Synergism Between Quinolinic Acid and Glutaric Acid in Neuronal Cells Is Mediated by Oxidative Stress: Insights to a New Toxic Model. Molecular Neurobiology, 2018, 55, 5362-5376.	4.0	11
68	Comparison of the Toxic Effects of Quinolinic Acid and 3-Nitropropionic Acid in C. elegans: Involvement of the SKN-1 Pathway. Neurotoxicity Research, 2018, 33, 259-267.	2.7	14
69	The Antiepileptic Drug Levetiracetam Protects Against Quinolinic Acid-Induced Toxicity in the Rat Striatum. Neurotoxicity Research, 2018, 33, 837-845.	2.7	5
70	Bioactive Isomers of Conjugated Linoleic Acid Inhibit the Survival of Malignant Glioblastoma Cells But Not Primary Astrocytes. European Journal of Lipid Science and Technology, 2018, 120, 1700454.	1.5	4
71	Comparing the Effects of Ferulic Acid and Sugarcane Aqueous Extract in In Vitro and In Vivo Neurotoxic Models. Neurotoxicity Research, 2018, 34, 640-648.	2.7	11
72	Role of Epigenetics and Oxidative Stress in Gliomagenesis. CNS and Neurological Disorders - Drug Targets, 2018, 16, 1090-1098.	1.4	23

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73	URB597 and the Cannabinoid WIN55,212-2 Reduce Behavioral and Neurochemical Deficits Induced by MPTP in Mice: Possible Role of Redox Modulation and NMDA Receptors. Neurotoxicity Research, 2017, 31, 532-544.	2.7	14
74	URB597 reduces biochemical, behavioral and morphological alterations in two neurotoxic models in rats. Biomedicine and Pharmacotherapy, 2017, 88, 745-753.	5.6	13
75	Tert-buthylhydroquinone pre-conditioning exerts dual effects in old female rats exposed to 3-nitropropionic acid. Redox Biology, 2017, 12, 610-624.	9.0	23
76	Protective effects of S-allyl cysteine on behavioral, morphological and biochemical alterations in rats subjected to chronic restraint stress: Antioxidant and anxiolytic effects. Journal of Functional Foods, 2017, 35, 105-114.	3.4	9
77	Protective effect of Yerba mate (Ilex paraguariensis St. Hill.) against oxidative damage in vitro in rat brain synaptosomal/mitochondrial P2 fractions. Journal of Functional Foods, 2017, 34, 447-452.	3.4	8
78	Thallium Toxicity: General Issues, Neurological Symptoms, and Neurotoxic Mechanisms. Advances in Neurobiology, 2017, 18, 345-353.	1.8	80
79	Compounds from Ilex paraguariensis extracts have antioxidant effects in the brains of rats subjected to chronic immobilization stress. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1172-1178.	1.9	17
80	Garlic, Gastrointestinal Protection and Oxidative Stress. , 2017, , 275-288.		7
81	Potential Therapeutic Targets of the Endocannabinoid System in Common Neurodegenerative Disorders and Organic Acidemias. FIRE Forum for International Research in Education, 2017, 5, 232640981772366.	0.7	1
82	Neuroprotective effect of WIN55,212-2 against 3-nitropropionic acid-induced toxicity in the rat brain: involvement of CB1 and NMDA receptors. American Journal of Translational Research (discontinued), 2017, 9, 261-274.	0.0	12
83	Early expression of the receptor for advanced glycation end products in a toxic model produced by 6-hydroxydopamine in the rat striatum. Chemico-Biological Interactions, 2016, 249, 10-18.	4.0	8
84	Cannabinoids: Glutamatergic Transmission and Kynurenines. Advances in Neurobiology, 2016, 12, 173-198.	1.8	14
85	Comparing the effects of endogenous and synthetic cannabinoid receptor agonists on survival of gastric cancer cells. Life Sciences, 2016, 165, 56-62.	4.3	28
86	Experimental Evidence that 3-Methylglutaric Acid Disturbs Mitochondrial Function and Induced Oxidative Stress in Rat Brain Synaptosomes: New Converging Mechanisms. Neurochemical Research, 2016, 41, 2619-2626.	3.3	15
87	Oxidative Stress, Disrupted Energy Metabolism, and Altered Signaling Pathways in Glutaryl-CoA Dehydrogenase Knockout Mice: Potential Implications of Quinolinic Acid Toxicity in the Neuropathology of Glutaric Acidemia Type I. Molecular Neurobiology, 2016, 53, 6459-6475.	4.0	35
88	Induction of a Proinflammatory Response in Cortical Astrocytes by the Major Metabolites Accumulating in HMG-CoA Lyase Deficiency: the Role of ERK Signaling Pathway in Cytokine Release. Molecular Neurobiology, 2016, 53, 3586-3595.	4.0	15
89	The N-Methyl-<scp>d</scp>-Aspartate Receptor Antagonist MK-801 Prevents Thallium-Induced Behavioral and Biochemical Alterations in the Rat Brain. International Journal of Toxicology, 2015, 34, 505-513.	1.2	22
90	Ultrastructural characterization of craniopharyngioma at the tumor boundary: A structural comparison with an experimental toxic model using â€œoil machineryâ€•fluid, with emphasis on Rosenthal fibers. Acta Histochemica, 2015, 117, 696-704.	1.8	2

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91	Acute restraint stress reduces hippocampal oxidative damage and behavior in rats: Effect of S-allyl cysteine. Life Sciences, 2015, 135, 165-172.	4.3	14
92	On the antioxidant, neuroprotective and anti-inflammatory properties of S-allyl cysteine: An update. Neurochemistry International, 2015, 89, 83-91.	3.8	72
93	Olive Oil and Huntingtonâ€™s Disease. , 2015, , 719-731.		1
94	On the effects of CP 55-940 and other cannabinoid receptor agonists in C6 and U373 cell lines. Toxicology in Vitro, 2015, 29, 1941-1951.	2.4	14
95	Toxic synergism between quinolinic acid and organic acids accumulating in glutaric acidemia type I and in disorders of propionate metabolism in rat brain synaptosomes: Relevance for metabolic acidemias. Neuroscience, 2015, 308, 64-74.	2.3	23
96	The effect of WIN 55,212-2 suggests a cannabinoid-sensitive component in the early toxicity induced by organic acids accumulating in glutaric acidemia type I and in related disorders of propionate metabolism in rat brain synaptosomes. Neuroscience, 2015, 310, 578-588.	2.3	14
97	Comparative effects on rat primary astrocytes and C6 rat glioma cells cultures after 24-h exposure to silver nanoparticles (AgNPs). Journal of Nanoparticle Research, 2015, 17, 1.	1.9	13
98	Cannabinoid receptor agonists reduce the short-term mitochondrial dysfunction and oxidative stress linked to excitotoxicity in the rat brain. Neuroscience, 2015, 285, 97-106.	2.3	48
99	Altered levels of brain neurotransmitter from new born rabbits with intrauterine restriction. Neuroscience Letters, 2015, 584, 60-65.	2.1	15
100	Modeling the Interaction between Quinolinate and the Receptor for Advanced Glycation End Products (RAGE): Relevance for Early Neuropathological Processes. PLoS ONE, 2015, 10, e0120221.	2.5	17
101	On the Relationship Between the Light/Dark Cycle, Melatonin and Oxidative Stress. Current Pharmaceutical Design, 2015, 21, 3477-3488.	1.9	17
102	Protective Effects of Caffeic Acid on Quinolinic Acid-Induced Behavioral and Oxidative Alterations in Rats. Journal of Drug and Alcohol Research, 2015, 4, 1-5.	0.9	3
103	Comparing the effects of two neurotoxins in cortical astrocytes obtained from rats of different ages: involvement of oxidative damage. Journal of Applied Toxicology, 2014, 34, 127-138.	2.8	9
104	Early modulation of the transcription factor Nrf2 in rodent striatal slices by quinolinic acid, a toxic metabolite of the kynurenine pathway. Neuroscience, 2014, 260, 130-139.	2.3	29
105	The Janus faces of 3-hydroxykynurenine: Dual redox modulatory activity and lack of neurotoxicity in the rat striatum. Brain Research, 2014, 1589, 1-14.	2.2	28
106	S-allyl cysteine protects against MPTP-induced striatal and nigral oxidative neurotoxicity in mice: Participation of Nrf2. Free Radical Research, 2014, 48, 159-167.	3.3	38
107	Primary cultured astrocytes from old rats are capable to activate the Nrf2 response against MPP+ toxicity after tBHQ pretreatment. Neurobiology of Aging, 2014, 35, 1901-1912.	3.1	35
108	Intracerebral injection of oil cyst content of human craniopharyngioma (oil machinery fluid) as a toxic model in the rat brain. Acta Histochemica, 2014, 116, 448-456.	1.8	15

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109	3-Hydroxykynurenine: An intriguing molecule exerting dual actions in the Central Nervous System. NeuroToxicology, 2013, 34, 189-204.	3.0	92
110	Probenecid: An Emerging Tool for Neuroprotection. CNS and Neurological Disorders - Drug Targets, 2013, 12, 1050-1065.	1.4	11
111	Alpha-mangostin induces changes in glutathione levels associated with glutathione peroxidase activity in rat brain synaptosomes. Nutritional Neuroscience, 2012, 15, 13-19.	3.1	25
112	Quinolinic Acid, an Endogenous Molecule Combining Excitotoxicity, Oxidative Stress and Other Toxic Mechanisms. International Journal of Tryptophan Research, 2012, 5, IJTR.S8158.	2.3	119
113	Hepatic megalocytosis due to vanadium inhalation: participation of oxidative stress. Toxicology and Industrial Health, 2012, 28, 353-360.	1.4	26
114	Selenium-induced antioxidant protection recruits modulation of thioredoxin reductase during excitotoxic/pro-oxidant events in the rat striatum. Neurochemistry International, 2012, 61, 195-206.	3.8	16
115	The Antioxidant Mechanisms Underlying the Aged Garlic Extract- and S-Allylcysteine-Induced Protection. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-16.	4.0	219
116	Early Changes in Oxidative Stress Markers in a Rat Model of Acute Stress: Effect of l-carnitine on the Striatum. Basic and Clinical Pharmacology and Toxicology, 2011, 109, 123-129.	2.5	20
117	Diazepam Blocks Striatal Lipid Peroxidation and Improves Stereotyped Activity in a Rat Model of Acute Stress. Basic and Clinical Pharmacology and Toxicology, 2011, 109, 350-356.	2.5	19
118	Protective effect of l-kynurenine and probenecid on 6-hydroxydopamine-induced striatal toxicity in rats: Implications of modulating kynurenate as a protective strategy. Neurotoxicology and Teratology, 2011, 33, 303-312.	2.4	59
119	On the in vivo early toxic properties of AÎ²25â€“35 peptide in the rat hippocampus: Involvement of the Receptor-for-Advanced Glycation-End-Products and changes in gene expression. Neurotoxicology and Teratology, 2011, 33, 288-296.	2.4	20
120	3-Nitropropionic Acid as a Tool to Study the Mechanisms Involved in Huntingtonâ€™s Disease: Past, Present and Future. Molecules, 2010, 15, 878-916.	3.8	163
121	Antioxidant strategy to rescue synaptosomes from oxidative damage and energy failure in neurotoxic models in rats: protective role of S-allylcysteine. Journal of Neural Transmission, 2010, 117, 35-44.	2.8	24
122	Huntingtonâ€™s disease and mitochondrial alterations: emphasis on experimental models. Journal of Bioenergetics and Biomembranes, 2010, 42, 207-215.	2.3	5
123	S-allylcysteine reduces the MPTP-induced striatal cell damage via inhibition of pro-inflammatory cytokine tumor necrosis factor-Î± and inducible nitric oxide synthase expressions in mice. Phytomedicine, 2010, 18, 65-73.	5.3	21
124	Protective Effect of Tert-Butylhydroquinone on the Quinolinic-Acid-Induced Toxicity in Rat Striatal Slices: Role of the Nrf2-Antioxidant Response Element Pathway. NeuroSignals, 2010, 18, 24-31.	0.9	37
125	Biomarkers of Cell Damage Induced by Oxidative Stress in Parkinsons Disease and Related Models. Central Nervous System Agents in Medicinal Chemistry, 2010, 10, 278-286.	1.1	15
126	Time-course correlation of early toxic events in three models of striatal damage: Modulation by proteases inhibition. Neurochemistry International, 2010, 56, 834-842.	3.8	26

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127	On the early toxic effect of quinolinic acid: Involvement of RAGE. Neuroscience Letters, 2010, 474, 74-78.	2.1	7
128	Early toxic effect of 6-hydroxydopamine on extracellular concentrations of neurotransmitters in the rat striatum: An in vivo microdialysis study. NeuroToxicology, 2010, 31, 715-723.	3.0	9
129	Protective effect of systemic l-kynurenine and probenecid administration on behavioural and morphological alterations induced by toxic soluble amyloid beta (25â€“35) in rat hippocampus. Behavioural Brain Research, 2010, 210, 240-250.	2.2	46
130	Neurochemical and behavioral effects elicited by bupropion and diethylpropion in rats. Behavioural Brain Research, 2010, 211, 132-139.	2.2	40
131	The natural xanthone Î±-mangostin reduces oxidative damage in rat brain tissue. Nutritional Neuroscience, 2009, 12, 35-42.	3.1	55
132	Early nerve ending rescue from oxidative damage and energy failure by l-carnitine as post-treatment in two neurotoxic models in rat: recovery of antioxidant and reductive capacities. Experimental Brain Research, 2009, 197, 287-296.	1.5	15
133	Pharmacological and Neurotoxicological Actions Mediated By Bupropion and Diethylpropion. International Review of Neurobiology, 2009, 88, 223-255.	2.0	30
134	Targeting oxidative/nitrergic stress ameliorates motor impairment, and attenuates synaptic mitochondrial dysfunction and lipid peroxidation in two models of Huntington's disease. Behavioural Brain Research, 2009, 199, 210-217.	2.2	37
135	Excitotoxic damage, disrupted energy metabolism, and oxidative stress in the rat brain: antioxidant and neuroprotective effects of <scp>l</scp>â€carnitine. Journal of Neurochemistry, 2008, 105, 677-689.	3.9	108
136	Cytoplasmic calcium mediates oxidative damage in an excitotoxic /energetic deficit synergic model in rats. European Journal of Neuroscience, 2008, 27, 1075-1085.	2.6	31
137	Iron porphyrinate Fe(TPPS) reduces brain cell damage in rats intrastriatally lesioned by quinolinate. Neurotoxicology and Teratology, 2008, 30, 510-519.	2.4	7
138	Lipid peroxidation, mitochondrial dysfunction and neurochemical and behavioural deficits in different neurotoxic models: Protective role of S-allylcysteine. Free Radical Research, 2008, 42, 892-902.	3.3	52
139	Kynurenine Pathway and Disease: An Overview. CNS and Neurological Disorders - Drug Targets, 2007, 6, 398-410.	1.4	49
140	The crude venom from the sea anemone Stichodactyla helianthus induces haemolysis and slight peroxidative damage in rat and human erythrocytes. Toxicology in Vitro, 2007, 21, 398-402.	2.4	19
141	Poly(ADP-ribose) polymerase-1 is involved in the neuronal death induced by quinolinic acid in rats. Neuroscience Letters, 2007, 425, 28-33.	2.1	11
142	Time-related changes in constitutive and inducible nitric oxide synthases in the rat striatum in a model of Huntington's disease. NeuroToxicology, 2007, 28, 1200-1207.	3.0	38
143	Evaluation of oxidative stress in d-serine induced nephrotoxicity. Toxicology, 2007, 229, 123-135.	4.2	47
144	Protective effect of S-allylcysteine on 3-nitropropionic acid-induced lipid peroxidation and mitochondrial dysfunction in rat brain synaptosomes. Brain Research Bulletin, 2006, 68, 379-383.	3.0	68

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145	S-Allylcysteine prevents the rat from 3-nitropropionic acid-induced hyperactivity, early markers of oxidative stress and mitochondrial dysfunction. Neuroscience Research, 2006, 56, 39-44.	1.9	66
146	Selenium reduces the proapoptotic signaling associated to NF-Î²B pathway and stimulates glutathione peroxidase activity during excitotoxic damage produced by quinolinate in rat corpus striatum. Synapse, 2005, 58, 258-266.	1.2	28
147	Delayed effects of thallium in the rat brain: Regional changes in lipid peroxidation and behavioral markers, but moderate alterations in antioxidants, after a single administration. Food and Chemical Toxicology, 2005, 43, 1037-1045.	3.6	52
148	S-Allylcysteine prevents amyloid-Î² peptide-induced oxidative stress in rat hippocampus and ameliorates learning deficits. European Journal of Pharmacology, 2004, 489, 197-202.	3.5	73
149	Increased Formation of Reactive Oxygen Species, but No Changes in Glutathione Peroxidase Activity, in Striata of Mice Transgenic for the Huntington's Disease Mutation. Neurochemical Research, 2004, 29, 729-733.	3.3	140
150	Peroxynitrite decomposition catalyst, iron metalloporphyrin, reduces quinolinate-induced neurotoxicity in rats. Synapse, 2004, 54, 233-238.	1.2	17
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