

# MercÃ“ PallÃ s

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8662758/publications.pdf>

Version: 2024-02-01

289  
papers

10,963  
citations

30551

56  
h-index

64407

83  
g-index

302  
all docs

302  
docs citations

302  
times ranked

14637  
citing authors

#	ARTICLE	IF	CITATIONS
1	The serum metabolome mediates the concert of diet, exercise, and neurogenesis, determining the risk for cognitive decline and dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 654-675.	0.4	12
2	Apolipoprotein E and sex modulate fatty acid metabolism in a prospective observational study of cognitive decline. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 1.	3.0	31
3	Discovery and In Vivo Proof of Concept of a Highly Potent Dual Inhibitor of Soluble Epoxide Hydrolase and Acetylcholinesterase for the Treatment of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4909-4925.	2.9	22
4	AAV-mediated expression of secreted and transmembrane Klotho isoforms rescues relevant aging hallmarks in senescent SAMP8 mice. <i>Aging Cell</i> , 2022, 21, e13581.	3.0	10
5	Design, synthesis, and in vitro and in vivo characterization of new memantine analogs for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2022, 236, 114354.	2.6	10
6	Structure-Based Virtual Screening and <i>in vitro</i> and <i>in vivo</i> Analyses Revealed Potent Methyltransferase G9a Inhibitors as Prospective Anti-Alzheimer's Agents. <i>ChemMedChem</i> , 2022, 17, .	1.6	5
7	Insights into the Pharmacokinetics and In Vitro Cell-Based Studies of the Imidazoline I2 Receptor Ligand B06. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5408.	1.8	3
8	An Imidazoline 2 Receptor Ligand Relaxes Mouse Aorta via Off-Target Mechanisms Resistant to Aging. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	3
9	The Neuroprotective Effects of Spray-Dried Porcine Plasma Supplementation Involve the Microbiota-Gut-Brain Axis. <i>Nutrients</i> , 2022, 14, 2211.	1.7	7
10	NMDA receptor antagonists reduce amyloid- $\beta$ deposition by modulating calpain-1 signaling and autophagy, rescuing cognitive impairment in 5XFAD mice. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	13
11	Neuroprotective Effects of Resveratrol by Modifying Cholesterol Metabolism and $A\beta$ Processing in SAMP8 Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7580.	1.8	6
12	Resveratrol confers neuroprotection against high-fat diet in a mouse model of Alzheimer's disease via modulation of proteolytic mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2021, 89, 108569.	1.9	28
13	I2 imidazoline receptor modulation protects aged SAMP8 mice against cognitive decline by suppressing the calcineurin pathway. <i>GeroScience</i> , 2021, 43, 965-983.	2.1	11
14	Resveratrol Supplementation Attenuates Cognitive and Molecular Alterations under Maternal High-Fat Diet Intake: Epigenetic Inheritance over Generations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1453.	1.8	23
15	Inhibition of Soluble Epoxide Hydrolase Ameliorates Phenotype and Cognitive Abilities in a Murine Model of Niemann Pick Type C Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3409.	1.8	1
16	The pleiotropic neuroprotective effects of resveratrol in cognitive decline and Alzheimer's disease pathology: From antioxidant to epigenetic therapy. <i>Ageing Research Reviews</i> , 2021, 67, 101271.	5.0	115
17	A bicyclic aminophosphonate improves cognitive decline in 5xFAD murine model of neurodegeneration. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
18	From the Design to the <i>In Vivo</i> Evaluation of Benzohomoadamantane-Derived Soluble Epoxide Hydrolase Inhibitors for the Treatment of Acute Pancreatitis. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5429-5446.	2.9	12

#	ARTICLE	IF	CITATIONS
19	Disease-modifying treatment with imidazoline receptor ligand LSL60101 in an Alzheimer's disease mouse model: a comparative study with donepezil. <i>British Journal of Pharmacology</i> , 2021, 178, 3017-3033.	2.7	16
20	The Contribution of Epigenetic Inheritance Processes on Age-Related Cognitive Decline and Alzheimer's Disease. <i>Epigenomes</i> , 2021, 5, 15.	0.8	12
21	Dietary Spray-Dried Porcine Plasma Reduces Neuropathological Alzheimer's Disease Hallmarks in SAMP8 Mice. <i>Nutrients</i> , 2021, 13, 2369.	1.7	9
22	Synergistic Neuroprotective Effects of a Natural Product Mixture against AD Hallmarks and Cognitive Decline in <i>Caenorhabditis elegans</i> and an SAMP8 Mice Model. <i>Nutrients</i> , 2021, 13, 2411.	1.7	9
23	Microarray Analysis Revealed Inflammatory Transcriptomic Changes after LSL60101 Treatment in 5XFAD Mice Model. <i>Genes</i> , 2021, 12, 1315.	1.0	1
24	High-Fat and Resveratrol Supplemented Diets Modulate Adenosine Receptors in the Cerebral Cortex of C57BL/6J and SAMP8 Mice. <i>Nutrients</i> , 2021, 13, 3040.	1.7	1
25	Chronic liquid fructose supplementation does not cause liver tumorigenesis but elicits clear sex differences in the metabolic response in Sprague-Dawley rats. <i>Food and Nutrition Research</i> , 2021, 65, .	1.2	1
26	Benzofuranyl-2-imidazoles as imidazoline I2 receptor ligands for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113540.	2.6	15
27	From virtual screening hits targeting a cryptic pocket in BACE-1 to a nontoxic brain permeable multitarget anti-Alzheimer lead with disease-modifying and cognition-enhancing effects. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113779.	2.6	7
28	Food and Microbiota Metabolites Associate with Cognitive Decline in Older Subjects: A 12-Year Prospective Study. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100606.	1.5	17
29	Inhibition of 11 $\beta$ -HSD1 Ameliorates Cognition and Molecular Detrimental Changes after Chronic Mild Stress in SAMP8 Mice. <i>Pharmaceuticals</i> , 2021, 14, 1040.	1.7	2
30	Reply to Nifli, A.-P. Comment on Rosell-Cardona et al. Dietary Spray-Dried Porcine Plasma Reduces Neuropathological Alzheimer's Disease Hallmarks in SAMP8 Mice. <i>Nutrients</i> 2021, 13, 2369; <i>Nutrients</i> , 2021, 13, 4065.	1.7	2
31	Dietary Spray-Dried Porcine Plasma Prevents Cognitive Decline in Senescent Mice and Reduces Neuroinflammation and Oxidative Stress. <i>Journal of Nutrition</i> , 2020, 150, 303-311.	1.3	15
32	11 $\beta$ -HSD1 Inhibition Rescues SAMP8 Cognitive Impairment Induced by Metabolic Stress. <i>Molecular Neurobiology</i> , 2020, 57, 551-565.	1.9	12
33	Adenosine Metabolism in the Cerebral Cortex from Several Mice Models during Aging. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7300.	1.8	14
34	Adenosine and Metabotropic Glutamate Receptors Are Present in Blood Serum and Exosomes from SAMP8 Mice: Modulation by Aging and Resveratrol. <i>Cells</i> , 2020, 9, 1628.	1.8	7
35	Dietary antioxidants, epigenetics, and brain aging: A focus on resveratrol. , 2020, , 343-357.		2
36	Centrally Active Multitarget Anti-Alzheimer Agents Derived from the Antioxidant Lead CR-6. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9360-9390.	2.9	25

#	ARTICLE	IF	CITATIONS
37	Soluble Epoxide Hydrolase Inhibition to Face Neuroinflammation in Parkinson's Disease: A New Therapeutic Strategy. <i>Biomolecules</i> , 2020, 10, 703.	1.8	21
38	Pharmacological Inhibition of Soluble Epoxide Hydrolase as a New Therapy for Alzheimer's Disease. <i>Neurotherapeutics</i> , 2020, 17, 1825-1835.	2.1	45
39	Amelioration of BPSD-Like Phenotype and Cognitive Decline in SAMP8 Mice Model Accompanied by Molecular Changes after Treatment with I2-Imidazoline Receptor Ligand MCR5. <i>Pharmaceutics</i> , 2020, 12, 475.	2.0	11
40	Resveratrol Differently Modulates Group I Metabotropic Glutamate Receptors Depending on Age in SAMP8 Mice. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1770-1780.	1.7	10
41	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. <i>PLoS ONE</i> , 2020, 15, e0233468.	1.1	29
42	Bicyclic $\beta$ -Iminophosphonates as High Affinity Imidazoline $I_2$ Receptor Ligands for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3610-3633.	2.9	17
43	Chronic Mild Stress Modified Epigenetic Mechanisms Leading to Accelerated Senescence and Impaired Cognitive Performance in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1154.	1.8	10
44	A Novel NMDA Receptor Antagonist Protects against Cognitive Decline Presented by Senescent Mice. <i>Pharmaceutics</i> , 2020, 12, 284.	2.0	41
45	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
46	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
47	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
48	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
49	Resveratrol Induces Brain Resilience Against Alzheimer Neurodegeneration Through Proteostasis Enhancement. <i>Molecular Neurobiology</i> , 2019, 56, 1502-1516.	1.9	104
50	Resveratrol Modulates and Reverses the Age-Related Effect on Adenosine-Mediated Signalling in SAMP8 Mice. <i>Molecular Neurobiology</i> , 2019, 56, 2881-2895.	1.9	18
51	Role of Resveratrol and Selenium on Oxidative Stress and Expression of Antioxidant and Anti-Aging Genes in Immortalized Lymphocytes from Alzheimer's Disease Patients. <i>Nutrients</i> , 2019, 11, 1764.	1.7	69
52	(2-Imidazolin-4-yl)phosphonates: Green Chemistry and Biology Walk Together. <i>Proceedings (mdpi)</i> , 2019, 22, 97.	0.2	0
53	Long-term exercise training improves memory in middle-aged men and modulates peripheral levels of BDNF and Cathepsin B. <i>Scientific Reports</i> , 2019, 9, 3337.	1.6	79
54	Editorial: Epigenetic Mechanisms Regulating Neural Plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 118.	1.8	8

#	ARTICLE	IF	CITATIONS
55	Maternal Resveratrol Supplementation Prevents Cognitive Decline in Senescent Mice Offspring. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1134.	1.8	29
56	Neuroprotective Effects of the Amylin Analog, Pramlintide, on Alzheimer's Disease Are Associated with Oxidative Stress Regulation Mechanisms. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 157-168.	1.2	15
57	Behavioral and Cognitive Improvement Induced by Novel Imidazoline I2 Receptor Ligands in Female SAMP8 Mice. <i>Neurotherapeutics</i> , 2019, 16, 416-431.	2.1	22
58	Early Manifestations of Brain Aging in Mice Due to Low Dietary Folate and Mild MTHFR Deficiency. <i>Molecular Neurobiology</i> , 2019, 56, 4175-4191.	1.9	15
59	Pharmacological inhibition of G9a/GLP restores cognition and reduces oxidative stress, neuroinflammation and $\beta$ -Amyloid plaques in an early-onset Alzheimer's disease mouse model. <i>Aging</i> , 2019, 11, 11591-11608.	1.4	49
60	Peripheral Maintenance of the Axis SIRT1-SIRT3 at Youth Level May Contribute to Brain Resilience in Middle-Aged Amateur Rugby Players. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 352.	1.7	10
61	A New Family of Imidazoline I2 Receptor Ligands Improves Behavior and Cognition in SAMP8 Mice. <i>FASEB Journal</i> , 2019, 33, 806.19.	0.2	0
62	11 $\beta$ -HSD1 Inhibition by RL-118 Promotes Autophagy and Correlates with Reduced Oxidative Stress and Inflammation, Enhancing Cognitive Performance in SAMP8 Mouse Model. <i>Molecular Neurobiology</i> , 2018, 55, 8904-8915.	1.9	25
63	Impairment of Novel Object Recognition Memory and Brain Insulin Signaling in Fructose- but Not Glucose-Drinking Female Rats. <i>Molecular Neurobiology</i> , 2018, 55, 6984-6999.	1.9	37
64	Early Preclinical Changes in Hippocampal CREB-Binding Protein Expression in a Mouse Model of Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 4885-4895.	1.9	21
65	Resveratrol modulates response against acute inflammatory stimuli in aged mouse brain. <i>Experimental Gerontology</i> , 2018, 102, 3-11.	1.2	23
66	Temporal Integrative Analysis of mRNA and microRNAs Expression Profiles and Epigenetic Alterations in Female SAMP8, a Model of Age-Related Cognitive Decline. <i>Frontiers in Genetics</i> , 2018, 9, 596.	1.1	18
67	Understanding Epigenetics in the Neurodegeneration of Alzheimer's Disease: SAMP8 Mouse Model. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 943-963.	1.2	67
68	Environmental Enrichment Improves Cognitive Deficits, AD Hallmarks and Epigenetic Alterations Presented in 5xFAD Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 224.	1.8	70
69	Melatonin induces mechanisms of brain resilience against neurodegeneration. <i>Journal of Pineal Research</i> , 2018, 65, e12515.	3.4	59
70	Experimental Models for Aging and their Potential for Novel Drug Discovery. <i>Current Neuropharmacology</i> , 2018, 16, 1466-1483.	1.4	35
71	Novel Imidazoline I <sub>2</sub> Receptor Ligands for Alzheimer's Disease. <i>FASEB Journal</i> , 2018, 32, 552.1.	0.2	0
72	Resveratrol Protects SAMP8 Brain Under Metabolic Stress: Focus on Mitochondrial Function and Wnt Pathway. <i>Molecular Neurobiology</i> , 2017, 54, 1661-1676.	1.9	55

#	ARTICLE	IF	CITATIONS
73	High dietary folate in pregnant mice leads to pseudo-MTHFR deficiency and altered methyl metabolism, with embryonic growth delay and short-term memory impairment in offspring. <i>Human Molecular Genetics</i> , 2017, 26, ddx004.	1.4	61
74	SAMP8 mice as a neuropathological model of accelerated brain aging and dementia: Toshio Takeda's legacy and future directions. <i>Neuropathology</i> , 2017, 37, 293-305.	0.7	127
75	Dexibuprofen prevents neurodegeneration and cognitive decline in APP <sup>swe</sup> /PS1 <sup>dE9</sup> through multiple signaling pathways. <i>Redox Biology</i> , 2017, 13, 345-352.	3.9	36
76	Metabolic Stress Induces Cognitive Disturbances and Inflammation in Aged Mice: Protective Role of Resveratrol. <i>Rejuvenation Research</i> , 2017, 20, 202-217.	0.9	44
77	Design, synthesis and in vivo study of novel pyrrolidine-based 11 $\beta$ -HSD1 inhibitors for age-related cognitive dysfunction. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 412-428.	2.6	12
78	Long-term exposition to a high fat diet favors the appearance of $\beta$ -amyloid depositions in the brain of C57BL/6J mice. A potential model of sporadic Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , 2017, 162, 38-45.	2.2	79
79	SIRT1 Overexpression in Mouse Hippocampus Induces Cognitive Enhancement Through Proteostatic and Neurotrophic Mechanisms. <i>Molecular Neurobiology</i> , 2017, 54, 5604-5619.	1.9	89
80	Plasma miR-34a-5p and miR-545-3p as Early Biomarkers of Alzheimer's Disease: Potential and Limitations. <i>Molecular Neurobiology</i> , 2017, 54, 5550-5562.	1.9	119
81	Environmental Enrichment Modified Epigenetic Mechanisms in SAMP8 Mouse Hippocampus by Reducing Oxidative Stress and Inflammation and Achieving Neuroprotection. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 241.	1.7	68
82	Evaluation of Neuropathological Effects of a High-Fat Diet in a Presymptomatic Alzheimer's Disease Stage in APP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 233-251.	1.2	46
83	Behaviour and cognitive changes correlated with hippocampal neuroinflammation and neuronal markers in female SAMP8, a model of accelerated senescence. <i>Experimental Gerontology</i> , 2016, 80, 57-69.	1.2	57
84	The absence of pleiotrophin modulates gene expression in the hippocampus in vivo and in cerebellar granule cells in vitro. <i>Molecular and Cellular Neurosciences</i> , 2016, 75, 113-121.	1.0	7
85	The therapeutic potential of metabolic hormones in the treatment of age-related cognitive decline and Alzheimer's disease. <i>Nutrition Research</i> , 2016, 36, 1305-1315.	1.3	17
86	Environmental Enrichment Improves Behavior, Cognition, and Brain Functional Markers in Young Senescence-Accelerated Prone Mice (SAMP8). <i>Molecular Neurobiology</i> , 2016, 53, 2435-2450.	1.9	63
87	Evaluation of the Role of JNK1 in the Hippocampus in an Experimental Model of Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016, 53, 6183-6193.	1.9	19
88	Epigenetic mechanisms underlying cognitive impairment and Alzheimer disease hallmarks in 5XFAD mice. <i>Aging</i> , 2016, 8, 664-684.	1.4	94
89	Neo-epitopes emerging in the degenerative hippocampal granules of aged mice can be recognized by natural IgM auto-antibodies. <i>Immunity and Ageing</i> , 2015, 12, 23.	1.8	12
90	High-fat diet-induced deregulation of hippocampal insulin signaling and mitochondrial homeostasis deficiencies contribute to Alzheimer disease pathology in rodents. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1687-1699.	1.8	134

#	ARTICLE	IF	CITATIONS
91	Regulation of the p19 Arf /p53 pathway by histone acetylation underlies neural stem cell behavior in senescence-prone SAMP8 mice. <i>Aging Cell</i> , 2015, 14, 453-462.	3.0	22
92	Amyloid and tau pathology of familial Alzheimer's disease APP/PS1 mouse model in a senescence phenotype background (SAMP8). <i>Age</i> , 2015, 37, 9747.	3.0	36
93	Mice Lacking Functional Fas Death Receptors Are Protected from Kainic Acid-Induced Apoptosis in the Hippocampus. <i>Molecular Neurobiology</i> , 2015, 52, 120-129.	1.9	9
94	Hypercholesterolemia and neurodegeneration. Comparison of hippocampal phenotypes in LDLr knockout and APP <sup>sw</sup> /PS1 <sup>dE9</sup> mice. <i>Experimental Gerontology</i> , 2015, 65, 69-78.	1.2	19
95	Adipokine pathways are altered in hippocampus of an experimental mouse model of Alzheimer's disease. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 403-412.	1.5	19
96	In vitro caloric restriction induces protective genes and functional rejuvenation in senescent SAMP 8 astrocytes. <i>Aging Cell</i> , 2015, 14, 334-344.	3.0	16
97	Downregulation of canonical Wnt signaling in hippocampus of SAMP8 mice. <i>Neurobiology of Aging</i> , 2015, 36, 720-729.	1.5	58
98	Voluntary Exercise Promotes Beneficial Anti-aging Mechanisms in SAMP8 Female Brain. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 525-532.	1.1	28
99	Oxidative Stress in Aging: Advances in Proteomic Approaches. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-18.	1.9	46
100	Epigenetic alterations in hippocampus of SAMP8 senescent mice and modulation by voluntary physical exercise. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 51.	1.7	65
101	Resveratrol in epilepsy: preventive or treatment opportunities?. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1057.	3.0	26
102	Effects Of A Post-Weaning Cafeteria Diet In Young Rats: Metabolic Syndrome, Reduced Activity And Low Anxiety-Like Behaviour. <i>PLoS ONE</i> , 2014, 9, e85049.	1.1	76
103	Melatonin suppresses nitric oxide production in glial cultures by pro-inflammatory cytokines through p38 MAPK inhibition. <i>Free Radical Research</i> , 2014, 48, 119-128.	1.5	24
104	Neuroprotective Role of Trans-Resveratrol in a Murine Model of Familial Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1209-1220.	1.2	141
105	Rcor2 underexpression in senescent mice: a target for inflammaging?. <i>Journal of Neuroinflammation</i> , 2014, 11, 126.	3.1	17
106	Presence of a neo-epitope and absence of amyloid beta and tau protein in degenerative hippocampal granules of aged mice. <i>Age</i> , 2014, 36, 151-165.	3.0	21
107	Resveratrol Improves Motoneuron Function and Extends Survival in SOD1G93A ALS Mice. <i>Neurotherapeutics</i> , 2014, 11, 419-432.	2.1	146
108	MDMA enhances hippocampal-dependent learning and memory under restrictive conditions, and modifies hippocampal spine density. <i>Psychopharmacology</i> , 2014, 231, 863-874.	1.5	19

#	ARTICLE	IF	CITATIONS
109	3,4-Methylenedioxymethamphetamine enhances kainic acid convulsive susceptibility. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 54, 231-242.	2.5	9
110	Mavoglurant as a treatment for Parkinson's disease. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 1165-1179.	1.9	31
111	Long-term wheel running changes on sensorimotor activity and skeletal muscle in male and female mice of accelerated senescence. <i>Age</i> , 2014, 36, 9697.	3.0	8
112	Clustered granules present in the hippocampus of aged mice result from a degenerative process affecting astrocytes and their surrounding neuropil. <i>Age</i> , 2014, 36, 9690.	3.0	10
113	Lack of synergistic effect of resveratrol and sigma-1 receptor agonist (PRE-084) in SOD1G93A ALS mice: overlapping effects or limited therapeutic opportunity?. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 78.	1.2	22
114	Wnt pathway regulation by long-term moderate exercise in rat hippocampus. <i>Brain Research</i> , 2014, 1543, 38-48.	1.1	52
115	Early alterations in energy metabolism in the hippocampus of APP <sup>swe</sup> /PS1 <sup>dE9</sup> mouse model of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1556-1566.	1.8	161
116	Pleiotrophin as a central nervous system neuromodulator, evidences from the hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 443.	1.8	54
117	Resveratrol induces nuclear factor- $\kappa$ B activity in human cardiac cells. <i>International Journal of Cardiology</i> , 2013, 167, 2507-2516.	0.8	28
118	Tau hyperphosphorylation and increased BACE1 and RAGE levels in the cortex of PPAR $\alpha$ / $\beta$ -null mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1241-1248.	1.8	37
119	Depression-like behavior is dependent on age in male SAMP8 mice. <i>Biogerontology</i> , 2013, 14, 165-176.	2.0	14
120	Study of the transcytosis of an anti-transferrin receptor antibody with a Fab $\alpha$ 2 cargo across the blood-brain barrier in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 556-564.	1.9	35
121	Evaluation of hypoxia inducible factor expression in inflammatory and neurodegenerative brain models. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1377-1388.	1.2	40
122	Dietary resveratrol prevents Alzheimer's markers and increases life span in SAMP8. <i>Age</i> , 2013, 35, 1851-1865.	3.0	224
123	PI3 k/akt inhibition induces apoptosis through p38 activation in neurons. <i>Pharmacological Research</i> , 2013, 70, 116-125.	3.1	29
124	Long-Term Exercise Modulates Hippocampal Gene Expression in Senescent Female Mice. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 1177-1190.	1.2	42
125	Resveratrol: New Avenues for a Natural Compound in Neuroprotection. <i>Current Pharmaceutical Design</i> , 2013, 19, 6726-6731.	0.9	72
126	The Role of JNK Pathway in the Process of Excitotoxicity Induced by Epilepsy and Neurodegeneration. , 2013, , 99-113.		0



#	ARTICLE	IF	CITATIONS
127	Senescence-Accelerated Mice P8: A Tool to Study Brain Aging and Alzheimer's Disease in a Mouse Model. , 2012, 2012, 1-12.		49
128	Neuronal Cell Cycle Re-Entry Markers are Altered in the Senescence Accelerated Mouse P8 (SAMP8). Journal of Alzheimer's Disease, 2012, 30, 573-583.	1.2	27
129	Aging biology: a new frontier for drug discovery. Expert Opinion on Drug Discovery, 2012, 7, 217-229.	2.5	20
130	Physiological and behavioural consequences of long-term moderate treadmill exercise. Psychoneuroendocrinology, 2012, 37, 1745-1754.	1.3	30
131	Low-dose pterostilbene, but not resveratrol, is a potent neuromodulator in aging and Alzheimer's disease. Neurobiology of Aging, 2012, 33, 2062-2071.	1.5	195
132	GSK3 $\beta$ inhibition is involved in the neuroprotective effects of cyclin-dependent kinase inhibitors in neurons. Pharmacological Research, 2012, 65, 66-73.	3.1	15
133	Neuroprotective and anti-ageing role of leptin. Journal of Molecular Endocrinology, 2012, 49, R149-R156.	1.1	49
134	Long-term physical exercise induces changes in sirtuin 1 pathway and oxidative parameters in adult rat tissues. Experimental Gerontology, 2012, 47, 925-935.	1.2	58
135	Role of Cell Cycle Re-Entry in Neurons: A Common Apoptotic Mechanism of Neuronal Cell Death. Neurotoxicity Research, 2012, 22, 195-207.	1.3	117
136	Dendritic Spine Abnormalities in Hippocampal CA1 Pyramidal Neurons Underlying Memory Deficits in the SAMP8 Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 32, 233-240.	1.2	47
137	Expression pattern of ataxia telangiectasia mutated (ATM), p53, Akt, and glycogen synthase kinase $\beta$ in the striatum of rats treated with 3 $\beta$ -nitropropionic acid. Journal of Neuroscience Research, 2012, 90, 1803-1813.	1.3	5
138	Neurons from senescence $\beta$ -accelerated SAMP8 mice are protected against frailty by the sirtuin 1 promoting agents melatonin and resveratrol. Journal of Pineal Research, 2012, 52, 271-281.	3.4	83
139	Lack of Jun $\beta$ -terminal kinase 3 (JNK3) does not protect against neurodegeneration induced by 3 $\beta$ -nitropropionic acid. Neuropathology and Applied Neurobiology, 2012, 38, 311-321.	1.8	9
140	Microarray analysis of rat hippocampus exposed to excitotoxicity: Reversal Na <sup>+</sup> /Ca <sup>2+</sup> exchanger NCX3 is overexpressed in glial cells. Hippocampus, 2012, 22, 128-140.	0.9	24
141	Cell Cycle Control by Ataxia Telangiectasia Mutated Protein Through Regulating Retinoblastoma Protein Phosphorylation. , 2012, , 103-115.		0
142	Characterization of Amyloid- $\beta$ Granules in the Hippocampus of SAMP8 Mice. Journal of Alzheimer's Disease, 2011, 25, 535-546.	1.2	48
143	Neurophysiological and epigenetic effects of physical exercise on the aging process. Ageing Research Reviews, 2011, 10, 475-486.	5.0	98
144	Study of the pathways involved in apoptosis induced by PI3K inhibition in cerebellar granule neurons. Neurochemistry International, 2011, 59, 159-167.	1.9	12

#	ARTICLE	IF	CITATIONS
145	Neuronal apoptosis in the striatum of rats treated with 3-nitropropionic acid is not triggered by cell-cycle re-entry. <i>NeuroToxicology</i> , 2011, 32, 734-741.	1.4	6
146	Role of matrix metalloproteinase-9 (MMP-9) in striatal blood-brain barrier disruption in a 3-nitropropionic acid model of Huntington's disease. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 525-537.	1.8	41
147	Gene expression profile in JNK3 null mice: a novel specific activation of the PI3K/AKT pathway. <i>Journal of Neurochemistry</i> , 2011, 117, 244-252.	2.1	14
148	HIF-1 $\alpha$ expression in the hippocampus and peripheral macrophages after glutamate-induced excitotoxicity. <i>Journal of Neuroimmunology</i> , 2011, 238, 12-18.	1.1	20
149	The sirtuin pathway in ageing and Alzheimer disease: mechanistic and therapeutic considerations. <i>Lancet Neurology</i> , The, 2011, 10, 275-279.	4.9	197
150	Resveratrol Inhibits Proliferation and Promotes Apoptosis of Neuroblastoma Cells: Role of Sirtuin 1. <i>Neurochemical Research</i> , 2011, 36, 187-194.	1.6	36
151	Antiapoptotic effects of roscovitine on camptothecin-induced DNA damage in neuroblastoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 536-550.	2.2	11
152	Decrease of calbindin-28k, calretinin, and parvalbumin by taurine treatment does not induce a major susceptibility to kainic acid. <i>Journal of Neuroscience Research</i> , 2011, 89, 1043-1051.	1.3	3
153	Content and traffic of taurine in hippocampal reactive astrocytes. <i>Hippocampus</i> , 2011, 21, 185-197.	0.9	23
154	Long-term treadmill exercise induces neuroprotective molecular changes in rat brain. <i>Journal of Applied Physiology</i> , 2011, 111, 1380-1390.	1.2	83
155	Peripheral benzodiazepines potentiate the effect of adenosine in rat vas deferens. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 43, 49-50.	1.2	13
156	Retinol-Binding Protein 4 and Peroxisome Proliferator-Activated Receptor- $\gamma$ in Steatotic Liver Transplantation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 143-153.	1.3	24
157	Cerebral Amyloid Angiopathy, Blood-Brain Barrier Disruption and Amyloid Accumulation in SAMP8 Mice. <i>Neurodegenerative Diseases</i> , 2011, 8, 421-429.	0.8	41
158	Antiapoptotic Drugs: A Therapeutic Strategy for the Prevention of Neurodegenerative Diseases. <i>Current Pharmaceutical Design</i> , 2011, 17, 230-245.	0.9	48
159	Regulation of GSK-3 $\beta$ by calpain in the 3-nitropropionic acid model. <i>Hippocampus</i> , 2010, 20, 962-970.	0.9	10
160	Assessment of the Adrenergic Effects of Orphenadrine in Rat Vas Deferens. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 51, 307-312.	1.2	5
161	Activation of ataxia telangiectasia muted under experimental models and human Parkinson's disease. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3865-3882.	2.4	21
162	Neuroprotective role of intermittent fasting in senescence-accelerated mice P8 (SAMP8). <i>Experimental Gerontology</i> , 2010, 45, 702-710.	1.2	42

#	ARTICLE	IF	CITATIONS
163	Novel Huprine Derivatives with Inhibitory Activity toward $\beta$ -Amyloid Aggregation and Formation as Disease-Modifying Anti-Alzheimer Drug Candidates. <i>ChemMedChem</i> , 2010, 5, 1855-1870.	1.6	56
164	ATM is involved in cell-cycle control through the regulation of retinoblastoma protein phosphorylation. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 210-218.	1.2	10
165	Taurine treatment inhibits CaMKII activity and modulates the presence of calbindin D28k, calretinin, and parvalbumin in the brain. <i>Journal of Neuroscience Research</i> , 2010, 88, 136-142.	1.3	17
166	Tau hyperphosphorylation and axonal damage induced by N,N-diethylthiocarbamate (DEDTC) treatment along late postnatal development is followed by a rescue during adulthood. <i>Journal of Neuroscience Research</i> , 2010, 88, 1083-1093.	1.3	2
167	Differences in activation of ERK1/2 and p38 kinase in <i>Jnk3</i> null mice following KA treatment. <i>Journal of Neurochemistry</i> , 2010, 114, 1315-1322.	2.1	28
168	Kainate-induced toxicity in the hippocampus: potential role of lithium. <i>Bipolar Disorders</i> , 2010, 12, 425-436.	1.1	12
169	Early Amyloid Accumulation in the Hippocampus of SAMP8 Mice. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1303-1315.	1.2	119
170	Aging control with resveratrol. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2010, 7, 51-56.	0.5	3
171	Effects of MPP+ on the molecular pathways involved in cell cycle control in B65 neuroblastoma cells. <i>Pharmacological Research</i> , 2010, 61, 391-399.	3.1	10
172	An overview of investigational antiapoptotic drugs with potential application for the treatment of neurodegenerative disorders. <i>Expert Opinion on Investigational Drugs</i> , 2010, 19, 587-604.	1.9	21
173	Systemic administration of 3-nitropropionic acid points out a different role for active caspase-3 in neurons and astrocytes. <i>Neurochemistry International</i> , 2010, 56, 443-450.	1.9	18
174	Prosurvival role of JAK/STAT and Akt signaling pathways in MPP+-induced apoptosis in neurons. <i>Neurochemistry International</i> , 2010, 57, 774-782.	1.9	14
175	Sirtuin activators: Designing molecules to extend life span. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 740-749.	0.9	67
176	Evaluation of transcriptional activity of caspase-3 gene as a marker of acute neurotoxicity in rat cerebellar granular cells. <i>Toxicology in Vitro</i> , 2010, 24, 465-471.	1.1	15
177	Resveratrol: An Antiaging Drug with Potential Therapeutic Applications in Treating Diseases. <i>Pharmaceuticals</i> , 2009, 2, 194-205.	1.7	24
178	Oxidative stress-induced DNA damage and cell cycle regulation in B65 dopaminergic cell line. <i>Free Radical Research</i> , 2009, 43, 985-994.	1.5	41
179	Resveratrol and Neurodegenerative Diseases: Activation of SIRT1 as the Potential Pathway towards Neuroprotection. <i>Current Neurovascular Research</i> , 2009, 6, 70-81.	0.4	151
180	Activation of Akt by lithium: Pro-survival pathways in aging. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 253-261.	2.2	43

#	ARTICLE	IF	CITATIONS
181	A molecular study of pathways involved in the inhibition of cell proliferation in neuroblastoma B65 cells by the GSK-3 inhibitors lithium and SB415286. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3906-3917.	1.6	21
182	The effect of mGluR2 activation on signal transduction pathways and neuronal cell survival. <i>Brain Research</i> , 2009, 1249, 244-250.	1.1	37
183	Age-related expression of adenosine receptors in brain from the senescence-accelerated mouse. <i>Experimental Gerontology</i> , 2009, 44, 453-461.	1.2	36
184	Prevention of epilepsy by taurine treatments in mice experimental model. <i>Journal of Neuroscience Research</i> , 2009, 87, 1500-1508.	1.3	48
185	Melatonin alters cell death processes in response to age-related oxidative stress in the brain of senescence-accelerated mice. <i>Journal of Pineal Research</i> , 2009, 46, 106-114.	3.4	52
186	Anti-aging properties of melatonin in an in vitro murine senescence model: involvement of the sirtuin 1 pathway. <i>Journal of Pineal Research</i> , 2009, 47, 228-237.	3.4	92
187	Neuronal in vitro models for the estimation of acute systemic toxicity. <i>Toxicology in Vitro</i> , 2009, 23, 1564-1569.	1.1	42
188	Evidence of calpain/cdk5 pathway inhibition by lithium in 3-nitropropionic acid toxicity in vivo and in vitro. <i>Neuropharmacology</i> , 2009, 56, 422-428.	2.0	36
189	Neuroprotection by c-Jun NH2-terminal kinase inhibitor SP600125 against potassium deprivation-induced apoptosis involves the Akt pathway and inhibition of cell cycle reentry. <i>Neuroscience</i> , 2009, 159, 1135-1147.	1.1	30
190	Time-course of blood-brain barrier disruption in senescence-accelerated mouse prone 8 (SAMP8) mice. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 47-52.	0.7	38
191	The p38MAPK signaling pathway regulates neuronal apoptosis through the phosphorylation of the retinoblastoma protein. <i>Neurochemistry International</i> , 2009, 54, 99-105.	1.9	15
192	Synthesis, uptake and release of taurine in astrocytes treated with 8-Br-cAMP. <i>Neuroscience Letters</i> , 2009, 467, 199-202.	1.0	7
193	Blood-brain barrier disruption in the striatum of rats treated with 3-nitropropionic acid. <i>NeuroToxicology</i> , 2009, 30, 136-143.	1.4	22
194	Evaluation of pathways involved in pentachlorophenol-induced apoptosis in rat neurons. <i>NeuroToxicology</i> , 2009, 30, 451-458.	1.4	21
195	Potential Mechanisms Involved in the Prevention of Neurodegenerative Diseases by Lithium. <i>CNS Neuroscience and Therapeutics</i> , 2009, 15, 333-344.	1.9	56
196	Calpains as a Target for Therapy of Neurodegenerative Diseases: Putative Role of Lithium. <i>Current Drug Metabolism</i> , 2009, 10, 433-447.	0.7	32
197	Role of cdk5 on ATM phosphorylation in neuronal death induced by DNA damage. <i>Future Neurology</i> , 2009, 4, 283-285.	0.9	1
198	A new method for determining blood-brain barrier integrity based on intracardiac perfusion of an Evans Blue-Hoechst cocktail. <i>Journal of Neuroscience Methods</i> , 2008, 174, 42-49.	1.3	43

#	ARTICLE	IF	CITATIONS
199	Synthesis and pharmacological evaluation of several ring-contracted amantadine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9925-9936.	1.4	33
200	The antiproliferative activity of melatonin in B65 rat dopaminergic neuroblastoma cells is related to the downregulation of cell cycle-related genes. <i>Journal of Pineal Research</i> , 2008, 45, 8-16.	3.4	52
201	Favorable effects of a prolonged treatment with melatonin on the level of oxidative damage and neurodegeneration in senescence-accelerated mice. <i>Journal of Pineal Research</i> , 2008, 45, 302-311.	3.4	90
202	Evaluation of potential pro-survival pathways regulated by melatonin in a murine senescence model. <i>Journal of Pineal Research</i> , 2008, 45, 497-505.	3.4	94
203	Dysfunction of astrocytes in senescence-accelerated mice SAMP8 reduces their neuroprotective capacity. <i>Aging Cell</i> , 2008, 7, 630-640.	3.0	50
204	GSK-3 $\beta$ inhibition and prevention of mitochondrial apoptosis inducing factor release are not involved in the antioxidant properties of SB-415286. <i>European Journal of Pharmacology</i> , 2008, 588, 239-243.	1.7	12
205	Neuroprotective effects of SB-415286 on hydrogen peroxide-induced cell death in B65 rat neuroblastoma cells and neurons. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 269-276.	0.7	19
206	Cell cycle activation in striatal neurons from Huntington's disease patients and rats treated with 3-nitropropionic acid. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 665-671.	0.7	68
207	DNA low-density array analysis of colchicine neurotoxicity in rat cerebellar granular neurons. <i>NeuroToxicology</i> , 2008, 29, 309-317.	1.4	11
208	Modulation of SIRT1 expression in different neurodegenerative models and human pathologies. <i>Neuroscience</i> , 2008, 154, 1388-1397.	1.1	106
209	Activation of the calpain/cdk5/p25 pathway in the girus cinguli in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2008, 14, 309-313.	1.1	53
210	Novel Donepezil-Based Inhibitors of Acetyl- and Butyrylcholinesterase and Acetylcholinesterase-Induced $\beta$ -Amyloid Aggregation. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3588-3598.	2.9	186
211	Lithium Treatment Decreases Activities of Tau Kinases in a Murine Model of Senescence. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008, 67, 612-623.	0.9	49
212	From Aging to Alzheimer's Disease: Unveiling "The Switch" with the Senescence-Accelerated Mouse Model (SAMP8). <i>Journal of Alzheimer's Disease</i> , 2008, 15, 615-624.	1.2	177
213	Modulation of Sirtuins: New Targets for Antiageing. <i>Recent Patents on CNS Drug Discovery</i> , 2008, 3, 61-69.	0.9	81
214	Apoptotic mechanisms involved in neurodegenerative diseases: Experimental and therapeutic approaches. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2008, 30, 43.	0.8	83
215	Retinoblastoma protein phosphorylation at multiple sites is associated with neurofibrillary pathology in Alzheimer disease. <i>International Journal of Clinical and Experimental Pathology</i> , 2008, 1, 134-46.	0.5	24
216	Inhibition of Ataxia Telangiectasia-p53-E2F-1 Pathway in Neurons as a Target for the Prevention of Neuronal Apoptosis. <i>Current Drug Metabolism</i> , 2007, 8, 709-715.	0.7	23

#	ARTICLE	IF	CITATIONS
217	Hypertriglyceridemia and Hepatic Steatosis in Senescence-Accelerated Mouse Associate to Changes in Lipid-Related Gene Expression. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 1219-1227.	1.7	11
218	Glycogen synthase kinase-3 is involved in the regulation of the cell cycle in cerebellar granule cells. <i>Neuropharmacology</i> , 2007, 53, 295-307.	2.0	32
219	Inhibition of cyclin-dependent kinases is neuroprotective in 1-methyl-4-phenylpyridinium-induced apoptosis in neurons. <i>Neuroscience</i> , 2007, 146, 350-365.	1.1	44
220	Comparative analysis of the effects of resveratrol in two apoptotic models: Inhibition of complex I and potassium deprivation in cerebellar neurons. <i>Neuroscience</i> , 2007, 147, 746-756.	1.1	96
221	Implication of the transcription factor E2F-1 in the modulation of neuronal apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2007, 61, 390-399.	2.5	40
222	Kainate induces AKT, ERK and cdk5/GSK3 $\beta$ pathway deregulation, phosphorylates tau protein in mouse hippocampus. <i>Neurochemistry International</i> , 2007, 50, 435-442.	1.9	70
223	3-Nitropropionic acid activates calpain/cdk5 pathway in rat striatum. <i>Neuroscience Letters</i> , 2007, 421, 77-81.	1.0	22
224	Neuroprotective effects of caffeine against complex I inhibition-induced apoptosis are mediated by inhibition of the Atm/p53/E2F $\beta$ path in cerebellar granule neurons. <i>Journal of Neuroscience Research</i> , 2007, 85, 3079-3088.	1.3	33
225	Chronic administration of melatonin reduces cerebral injury biomarkers in SAMP8. <i>Journal of Pineal Research</i> , 2007, 42, 394-402.	3.4	58
226	Increased permeability of blood-brain barrier on the hippocampus of a murine model of senescence. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 522-528.	2.2	82
227	Evaluation of acute antiapoptotic effects of Li <sup>+</sup> in neuronal cell cultures. <i>Journal of Neural Transmission</i> , 2007, 114, 405-416.	1.4	12
228	Different capacities of various NMDA receptor antagonists to prevent ischemia-induced neurodegeneration in human cultured NT2 neurons. <i>Neurochemistry International</i> , 2006, 49, 466-474.	1.9	15
229	Involvement of Calpain Activation in Neurodegenerative Processes. <i>CNS Neuroscience &amp; Therapeutics</i> , 2006, 12, 135-148.	4.0	117
230	Inhibition of the cdk5/p25 fragment formation may explain the antiapoptotic effects of melatonin in an experimental model of Parkinson's disease. <i>Journal of Pineal Research</i> , 2006, 40, 251-258.	3.4	68
231	Neuroprotection associated with alternative splicing of NMDA receptors in rat cortical neurons. <i>British Journal of Pharmacology</i> , 2006, 147, 622-633.	2.7	12
232	Elevated Oxidative Stress in the Brain of Senescence-accelerated Mice at 5 Months of Age. <i>Biogerontology</i> , 2006, 7, 43-52.	2.0	73
233	Carbonyl stress and NMDA receptor activation contribute to methylglyoxal neurotoxicity. <i>Free Radical Biology and Medicine</i> , 2006, 40, 779-790.	1.3	53
234	Changes in oxidative stress parameters and neurodegeneration markers in the brain of the senescence-accelerated mice SAMP-8. <i>Experimental Gerontology</i> , 2006, 41, 360-367.	1.2	75

#	ARTICLE	IF	CITATIONS
235	Molecular and Biochemical Features in Alzheimers Disease. Current Pharmaceutical Design, 2006, 12, 4389-4408.	0.9	65
236	The role of CDK5/P25 formation/inhibition in neurodegeneration. Drug News and Perspectives, 2006, 19, 453.	1.9	115
237	Inhibition of Multiple Pathways Accounts for the Antiapoptotic Effects of Flavopiridol on Potassium Withdrawal-Induced Apoptosis in Neurons. Journal of Molecular Neuroscience, 2005, 26, 071-084.	1.1	11
238	Inhibition of the cdk5/MEF2 pathway is involved in the antiapoptotic properties of calpain inhibitors in cerebellar neurons. British Journal of Pharmacology, 2005, 145, 1103-1111.	2.7	25
239	Evaluation of the neuronal apoptotic pathways involved in cytoskeletal disruption-induced apoptosis. Biochemical Pharmacology, 2005, 70, 470-480.	2.0	17
240	Hyperphosphorylation of microtubule-associated protein tau in senescence-accelerated mouse (SAM). Mechanisms of Ageing and Development, 2005, 126, 1300-1304.	2.2	127
241	Free radical production induced by methamphetamine in rat striatal synaptosomes. Toxicology and Applied Pharmacology, 2005, 204, 57-68.	1.3	75
242	Evidence in favour of a role for peripheral-type benzodiazepine receptor ligands in amplification of neuronal apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 91-104.	2.2	52
243	( $\Delta\pm$ )-huprine Y, (-)-huperzine A and tacrine do not show neuroprotective properties in an apoptotic model of neuronal cytoskeletal alteration. Journal of Alzheimer's Disease, 2005, 6, 577-583.	1.2	10
244	Inhibitors of Cyclin-Dependent Kinases: Potential Drugs for the Treatment of Neurodegenerative Disorders?. Current Medicinal Chemistry - Central Nervous System Agents, 2005, 5, 101-109.	0.6	3
245	Endogenous brain-derived neurotrophic factor protects dopaminergic nigral neurons against transneuronal degeneration induced by striatal excitotoxic injury. Molecular Brain Research, 2005, 134, 147-154.	2.5	31
246	Flavopiridol: an antitumor drug with potential application in the treatment of neurodegenerative diseases. Medical Hypotheses, 2005, 64, 120-123.	0.8	17
247	Implication of cyclin-dependent kinase 5 in the neuroprotective properties of lithium. Neuroscience, 2005, 134, 1001-1011.	1.1	37
248	Inhibition of Cell Cycle Pathway by Flavopiridol Promotes Survival of Cerebellar Granule Cells after an Excitotoxic Treatment. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 609-616.	1.3	45
249	Cyclosporin A enhances colchicine-induced apoptosis in rat cerebellar granule neurons. British Journal of Pharmacology, 2004, 141, 661-669.	2.7	7
250	Neurotoxicity of amphetamine derivatives is mediated by caspase pathway activation in rat cerebellar granule cells. Toxicology and Applied Pharmacology, 2004, 196, 223-234.	1.3	93
251	p21WAF1/Cip1 is not involved in kainic acid-induced apoptosis in murine cerebellar granule cells. Brain Research, 2004, 1030, 297-302.	1.1	2
252	Lithium prevents colchicine-induced apoptosis in rat cerebellar granule neurons. Bipolar Disorders, 2004, 6, 144-149.	1.1	24

#	ARTICLE	IF	CITATIONS
253	Antiapoptotic effects of roscovitine in cerebellar granule cells deprived of serum and potassium: a cell cycle-related mechanism. <i>Neurochemistry International</i> , 2004, 44, 251-261.	1.9	33
254	Inhibition of CDKs: A Strategy for Preventing Kainic Acid-Induced Apoptosis in Neurons. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 671-674.	1.8	10
255	Different glial response to methamphetamine- and methylenedioxymethamphetamine-induced neurotoxicity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 490-499.	1.4	123
256	Neuroprotective effects of ( $\hat{A}$ $\pm$ )-huprine Y on in vitro and in vivo models of excitotoxicity damage. <i>Experimental Neurology</i> , 2003, 180, 123-130.	2.0	23
257	Neuroprotective action of flavopiridol, a cyclin-dependent kinase inhibitor, in colchicine-induced apoptosis. <i>Neuropharmacology</i> , 2003, 45, 672-683.	2.0	39
258	3-amino thioacridone, a selective cyclin-dependent kinase 4 inhibitor, attenuates kainic acid-induced apoptosis in neurons. <i>Neuroscience</i> , 2003, 120, 599-603.	1.1	19
259	[6] Flow cytometric determination of cytoplasmic oxidants and mitochondrial membrane potential in neuronal cells. <i>Methods in Enzymology</i> , 2002, 352, 71-79.	0.4	5
260	Activation of ERK and Akt Signaling in Focal Cerebral Ischemia: Modulation by TGF- $\hat{I}$ $\pm$ and Involvement of NMDA Receptor. <i>Neurobiology of Disease</i> , 2002, 11, 443-456.	2.1	40
261	Evaluation of neuronal cell death by laser scanning cytometry. <i>Brain Research Protocols</i> , 2002, 9, 41-48.	1.7	8
262	Carnosine prevents methamphetamine-induced gliosis but not dopamine terminal loss in rats. <i>European Journal of Pharmacology</i> , 2002, 448, 165-168.	1.7	32
263	Kainic acid-induced neuronal cell death in cerebellar granule cells is not prevented by caspase inhibitors. <i>British Journal of Pharmacology</i> , 2002, 135, 1297-1307.	2.7	43
264	Focal cerebral ischemia causes two temporal waves of Akt activation. <i>NeuroReport</i> , 2001, 12, 3381-3384.	0.6	34
265	C-Phycocyanin protects cerebellar granule cells from low potassium/serum deprivation-induced apoptosis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001, 364, 96-104.	1.4	50
266	Orphenadrine prevents 3-nitropropionic acid-induced neurotoxicity in vitro and in vivo. <i>British Journal of Pharmacology</i> , 2001, 132, 693-702.	2.7	40
267	Inhibitors of NO-synthase and donors of NO modulate kainic acid-induced damage in the rat hippocampus. , 2000, 59, 797-805.		12
268	Further characterization of an adenosine transport system in the mitochondrial fraction of rat testis. <i>European Journal of Pharmacology</i> , 2000, 398, 31-39.	1.7	16
269	MPP+ Injection into Rat Substantia Nigra Causes Secondary Glial Activation but Not Cell Death in the Ipsilateral Striatum. <i>Neurobiology of Disease</i> , 2000, 7, 343-361.	2.1	16
270	Effects of U-83836E on Glutamate-Induced Neurotoxicity in Dissociated Rat Cerebellar Granule Cells. <i>Toxicology and Applied Pharmacology</i> , 1999, 156, 1-5.	1.3	5



#	ARTICLE	IF	CITATIONS
271	Degeneration and gliosis in rat retina and central nervous system following 3,3-aminodipropionitrile exposure. <i>Brain Research</i> , 1999, 833, 258-271.	1.1	35
272	Evaluation of free radical production, mitochondrial membrane potential and cytoplasmic calcium in mammalian neurons by flow cytometry. <i>Brain Research Protocols</i> , 1999, 4, 280-287.	1.7	25
273	Protective effects of C-phycoerythrin against kainic acid-induced neuronal damage in rat hippocampus. <i>Neuroscience Letters</i> , 1999, 276, 75-78.	1.0	111
274	In vitro and in vivo protective effect of orphenadrine on glutamate neurotoxicity. <i>Neuropharmacology</i> , 1999, 38, 671-677.	2.0	13
275	Microgliosis and down-regulation of adenosine transporter induced by methamphetamine in rats. <i>Brain Research</i> , 1998, 814, 120-126.	1.1	69
276	Reactive Oxygen Production by Glutamate Agonists in Dissociated Cerebellar Cells: A Flow Cytometric Study. <i>General Pharmacology</i> , 1998, 30, 507-511.	0.7	7
277	Flow cytometric study of mitochondrial dysfunction after AMPA receptor activation. , 1998, 52, 684-690.		7
278	U-83836E prevents kainic acid-induced neuronal damage. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1998, 357, 413-418.	1.4	12
279	Effect of PCP and sigma ligands on both noradrenaline- and electrically-induced contractions and on [3H]-noradrenaline uptake in rat vas deferens. <i>Autonomic and Autacoid Pharmacology</i> , 1998, 18, 239-244.	0.7	6
280	Characterization of [3H]nisoxetine binding in rat vas deferens membranes: Modulation by sigma and PCP ligands. <i>Life Sciences</i> , 1998, 62, 763-773.	2.0	11
281	Determination of nitric oxide generation in mammalian neurons using dichlorofluorescein diacetate and flow cytometry. <i>Journal of Pharmacological and Toxicological Methods</i> , 1997, 38, 93-98.	0.3	40
282	Modulation of neuronal mitochondrial membrane potential by the NMDA receptor: role of arachidonic acid. <i>Brain Research</i> , 1997, 777, 69-74.	1.1	20
283	Effect of 1-methyl-4-phenylpyridinium (MPP+) on mitochondrial membrane potential in cerebellar neurons: Interaction with the NMDA receptor. <i>Journal of Neural Transmission</i> , 1997, 104, 569-577.	1.4	17
284	Synthesis and Calcium Channel Blocking Activity of 4-Indolyl-1,4-dihydropyridines. <i>Bioorganic Chemistry</i> , 1997, 25, 169-178.	2.0	8
285	Characterization of nitrobenzylthioinosine binding sites in the mitochondrial fraction of rat testis. <i>Life Sciences</i> , 1996, 58, 753-759.	2.0	9
286	MK-801 enhances noradrenergic neurotransmission in rat vas deferens. <i>European Journal of Pharmacology</i> , 1996, 303, 171-175.	1.7	5
287	The role of cyclic nucleotides in the action of peripheral-type benzodiazepine receptor ligands in rat aorta. <i>General Pharmacology</i> , 1994, 25, 1553-1561.	0.7	7
288	Stimulation of endogenous ADP-ribosylation by brefeldin A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 1114-1118.	3.3	77

#	ARTICLE	IF	CITATIONS
289	Effects of Ro 5-4864 and PK 11195 in rat duodenum and vas deferens. European Journal of Pharmacology, 1992, 225, 15-20.	2.7	7