

Antoni Camins

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.

279
papers

9,550
citations

54
h-index

80
g-index

297
ext. papers

10,981
ext. citations

5.2
avg, IF

5.94
L-index

#	Paper	IF	Citations
279	Targeting Brain Renin-Angiotensin System for the prevention and treatment of Alzheimer's disease: past, present and future.. <i>Ageing Research Reviews</i> , 2022 , 101612	12	3
278	JNK1 and JNK3: divergent functions in hippocampal metabolic-cognitive function.. <i>Molecular Medicine</i> , 2022 , 28, 48	6.2	1
277	Pharmacological Strategies to Improve Dendritic Spines in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, S91-S107	4.3	2
276	Development and optimization of Riluzole-loaded biodegradable nanoparticles incorporated in a mucoadhesive in situ gel for the posterior eye segment.. <i>International Journal of Pharmaceutics</i> , 2021 , 612, 121379	6.5	2
275	GSPE pre-treatment protects against long-term cafeteria diet-induced mitochondrial and inflammatory affectations in the hippocampus of rats. <i>Nutritional Neuroscience</i> , 2021 , 1-11	3.6	
274	Effects of Nutrition on Cognitive Function in Adults with or without Cognitive Impairment: A Systematic Review of Randomized Controlled Clinical Trials. <i>Nutrients</i> , 2021 , 13,	6.7	3
273	Discovery of a Potent Dual Inhibitor of Acetylcholinesterase and Butyrylcholinesterase with Antioxidant Activity that Alleviates Alzheimer-like Pathology in Old APP/PS1 Mice. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 812-839	8.3	16
272	c-Jun N-Terminal Kinases in Alzheimer's Disease: A Possible Target for the Modulation of the Earliest Alterations. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, S127-S139	4.3	3
271	Nanomedicine-based technologies and novel biomarkers for the diagnosis and treatment of Alzheimer's disease: from current to future challenges. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 122	9.4	12
270	Surface Functionalization of PLGA Nanoparticles to Increase Transport across the BBB for Alzheimer's Disease. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4305	2.6	5
269	Epigallocatechin-3-gallate PEGylated poly(lactic-co-glycolic) acid nanoparticles mitigate striatal pathology and motor deficits in 3-nitropropionic acid intoxicated mice. <i>Nanomedicine</i> , 2021 , 16, 19-35	5.6	7
268	Dexibuprofen ameliorates peripheral and central risk factors associated with Alzheimer's disease in metabolically stressed APP ^{swe} /PS1 ^{dE9} mice. <i>Cell and Bioscience</i> , 2021 , 11, 141	9.8	2
267	Masitinib for the treatment of Alzheimer's disease. <i>Neurodegenerative Disease Management</i> , 2021 , 11, 263-276	2.8	2
266	State of the Art on Toxicological Mechanisms of Metal and Metal Oxide Nanoparticles and Strategies to Reduce Toxicological Risks. <i>Toxics</i> , 2021 , 9,	4.7	2
265	Metformin a Potential Pharmacological Strategy in Late Onset Alzheimer's Disease Treatment. <i>Pharmaceutics</i> , 2021 , 14,	5.2	3
264	Nanoparticle Products for the Eye: Preformulation, Formulation, and Manufacturing Considerations. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2021 , 409-447	0.5	
263	Lipid Nanoparticles for the Posterior Eye Segment.. <i>Pharmaceutics</i> , 2021 , 14,	6.4	10

262	State-of-the-art polymeric nanoparticles as promising therapeutic tools against human bacterial infections. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 156	9.4	17
261	Current advances in the development of novel polymeric nanoparticles for the treatment of neurodegenerative diseases. <i>Nanomedicine</i> , 2020 , 15, 1239-1261	5.6	35
260	The preclinical discovery and development of opicapone for the treatment of Parkinson's disease. <i>Expert Opinion on Drug Discovery</i> , 2020 , 15, 993-1004	6.2	2
259	Metal-Based Nanoparticles as Antimicrobial Agents: An Overview. <i>Nanomaterials</i> , 2020 , 10,	5.4	355
258	Endothelial-specific deficiency of megalin in the brain protects mice against high-fat diet challenge. <i>Journal of Neuroinflammation</i> , 2020 , 17, 22	10.1	6
257	Dexibuprofen Biodegradable Nanoparticles: One Step Closer towards a Better Ocular Interaction Study. <i>Nanomaterials</i> , 2020 , 10,	5.4	22
256	A Chronological Review of Potential Disease-Modifying Therapeutic Strategies for Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2020 , 26, 1286-1299	3.3	6
255	Epigallocatechin-3-Gallate (EGCG) Improves Cognitive Deficits Aggravated by an Obesogenic Diet Through Modulation of Unfolded Protein Response in APPswe/PS1dE9 Mice. <i>Molecular Neurobiology</i> , 2020 , 57, 1814-1827	6.2	28
254	Involvement of JNK1 in Neuronal Polarization During Brain Development. <i>Cells</i> , 2020 , 9,	7.9	3
253	The Involvement of Peripheral and Brain Insulin Resistance in Late Onset Alzheimer's Dementia. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 236	5.3	25
252	Advanced Formulation Approaches for Ocular Drug Delivery: State-Of-The-Art and Recent Patents. <i>Pharmaceutics</i> , 2019 , 11,	6.4	68
251	JNK Isoforms Are Involved in the Control of Adult Hippocampal Neurogenesis in Mice, Both in Physiological Conditions and in an Experimental Model of Temporal Lobe Epilepsy. <i>Molecular Neurobiology</i> , 2019 , 56, 5856-5865	6.2	13
250	Effects of MDMA on neuroplasticity, amyloid burden and phospho-tau expression in APPswe/PS1dE9 mice. <i>Journal of Psychopharmacology</i> , 2019 , 33, 1170-1182	4.6	3
249	Current Applications of Nanoemulsions in Cancer Therapeutics. <i>Nanomaterials</i> , 2019 , 9,	5.4	72
248	A metabolic perspective of late onset Alzheimer's disease. <i>Pharmacological Research</i> , 2019 , 145, 104255	10.2	12
247	ADAM10 in Alzheimer's disease: Pharmacological modulation by natural compounds and its role as a peripheral marker. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 113, 108661	7.5	38
246	Dual-drug loaded nanoparticles of Epigallocatechin-3-gallate (EGCG)/Ascorbic acid enhance therapeutic efficacy of EGCG in a APPswe/PS1dE9 Alzheimer's disease mice model. <i>Journal of Controlled Release</i> , 2019 , 301, 62-75	11.7	122
245	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	4.3	7

244	Role of brain c-Jun N-terminal kinase 2 in the control of the insulin receptor and its relationship with cognitive performance in a high-fat diet pre-clinical model. <i>Journal of Neurochemistry</i> , 2019 , 149, 255-268	6	6
243	Benzodiazepines and Related Drugs as a Risk Factor in Alzheimer's Disease Dementia. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 344	5.3	14
242	Potential preventive disease-modifying pharmacological strategies to delay late onset Alzheimer's disease. <i>Neural Regeneration Research</i> , 2019 , 14, 1721-1725	4.5	2
241	Role of c-Jun N-Terminal Kinases (JNKs) in Epilepsy and Metabolic Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	11
240	c-Jun N-terminal Kinase 1 ablation protects against metabolic-induced hippocampal cognitive impairments. <i>Journal of Molecular Medicine</i> , 2019 , 97, 1723-1733	5.5	7
239	Neuroprotective Effects of the Absence of JNK1 or JNK3 Isoforms on Kainic Acid-Induced Temporal Lobe Epilepsy-Like Symptoms. <i>Molecular Neurobiology</i> , 2018 , 55, 4437-4452	6.2	17
238	Review of the advances in treatment for Alzheimer disease: Strategies for combating β amyloid protein. <i>Neurología</i> , 2018 , 33, 47-58	1.4	55
237	Epigallocatechin-3-gallate loaded PEGylated-PLGA nanoparticles: A new anti-seizure strategy for temporal lobe epilepsy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 1073-1085	6	37
236	Excitotoxicity in the pathogenesis of neurological and psychiatric disorders: Therapeutic implications. <i>Journal of Psychopharmacology</i> , 2018 , 32, 265-275	4.6	85
235	Peripheral and Central Effects of Memantine in a Mixed Preclinical Mice Model of Obesity and Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018 , 55, 7327-7339	6.2	18
234	Memantine for the Treatment of Dementia: A Review on its Current and Future Applications. <i>Journal of Alzheimer's Disease</i> , 2018 , 62, 1223-1240	4.3	95
233	Memantine loaded PLGA PEGylated nanoparticles for Alzheimer's disease: in vitro and in vivo characterization. <i>Journal of Nanobiotechnology</i> , 2018 , 16, 32	9.4	97
232	Review of the advances in treatment for Alzheimer disease: strategies for combating β amyloid protein. <i>Neurología (English Edition)</i> , 2018 , 33, 47-58	0.4	12
231	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	6.2	16
230	The Implication of the Brain Insulin Receptor in Late Onset Alzheimer's Disease Dementia. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	32
229	Experimental Models for Aging and their Potential for Novel Drug Discovery. <i>Current Neuropharmacology</i> , 2018 , 16, 1466-1483	7.6	19
228	Understanding the Role of Hypoxia Inducible Factor During Neurodegeneration for New Therapeutics Opportunities. <i>Current Neuropharmacology</i> , 2018 , 16, 1484-1498	7.6	45
227	Peripheral and central effects of dexibuprofen on APP/PS1 mice fed with an obesogenic diet. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO4-1-16	0	

226	EPIGALLOGATECHIN-3-GALLATE IMPROVES COGNITIVE DECLINE AND METABOLIC ALTERATIONS IN APP/PS1 FAMILIAL MODEL OF ALZHEIMER'S DISEASE FED WITH HIGH FAT DIET. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO1-1-32	0	
225	Resveratrol modulates response against acute inflammatory stimuli in aged mouse brain. <i>Experimental Gerontology</i> , 2018 , 102, 3-11	4.5	19
224	JNK1 inhibition by Licochalcone A leads to neuronal protection against excitotoxic insults derived of kainic acid. <i>Neuropharmacology</i> , 2018 , 131, 440-452	5.5	16
223	Memantine-Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. <i>Small</i> , 2018 , 14, 1701808	11	58
222	The Ethyl Acetate Extract of Leaves of <i>Ugni molinae</i> Turcz. Improves Neuropathological Hallmarks of Alzheimer's Disease in Female APPswe/PS1dE9 Mice Fed with a High Fat Diet. <i>Journal of Alzheimer's Disease</i> , 2018 , 66, 1175-1191	4.3	7
221	Alpha-Secretase ADAM10 Regulation: Insights into Alzheimer's Disease Treatment. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	40
220	Resveratrol Protects SAMP8 Brain Under Metabolic Stress: Focus on Mitochondrial Function and Wnt Pathway. <i>Molecular Neurobiology</i> , 2017 , 54, 1661-1676	6.2	45
219	Obesity and neuroinflammatory phenotype in mice lacking endothelial megalin. <i>Journal of Neuroinflammation</i> , 2017 , 14, 26	10.1	17
218	Dexibuprofen prevents neurodegeneration and cognitive decline in APPswe/PS1dE9 through multiple signaling pathways. <i>Redox Biology</i> , 2017 , 13, 345-352	11.3	24
217	Metabolic Stress Induces Cognitive Disturbances and Inflammation in Aged Mice: Protective Role of Resveratrol. <i>Rejuvenation Research</i> , 2017 , 20, 202-217	2.6	35
216	Anti-inflammatory role of Leptin in glial cells through p38 MAPK pathway inhibition. <i>Pharmacological Reports</i> , 2017 , 69, 409-418	3.9	12
215	New potential strategies for Alzheimer's disease prevention: pegylated biodegradable dexibuprofen nanospheres administration to APPswe/PS1dE9. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1171-1182	6	45
214	Role of JNK isoforms in the kainic acid experimental model of epilepsy and neurodegeneration. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 795-814	2.8	15
213	Dexibuprofen loaded PEGylated nanospheres for Alzheimer's disease treatment. <i>Journal of Controlled Release</i> , 2017 , 259, e29-e30	11.7	
212	KB-R7943 reduces 4-aminopyridine-induced epileptiform activity in adult rats after neuronal damage induced by neonatal monosodium glutamate treatment. <i>Journal of Biomedical Science</i> , 2017 , 24, 27	13.3	6
211	Long-term exposition to a high fat diet favors the appearance of 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	5.6	61
210	Neuroprotective Effects of Caryophyllene against Dopaminergic Neuron Injury in a Murine Model of Parkinson's Disease Induced by MPTP. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	39
209	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	4	13

208	Environmental Enrichment Improves Behavior, Cognition, and Brain Functional Markers in Young Senescence-Accelerated Prone Mice (SAMP8). <i>Molecular Neurobiology</i> , 2016 , 53, 2435-50	6.2	33
207	Adaptive Plasticity in the Hippocampus of Young Mice Intermittently Exposed to MDMA Could Be the Origin of Memory Deficits. <i>Molecular Neurobiology</i> , 2016 , 53, 7271-7283	6.2	13
206	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	6.2	16
205	Epigenetic mechanisms underlying cognitive impairment and Alzheimer disease hallmarks in 5XFAD mice. <i>Aging</i> , 2016 , 8, 664-84	5.6	63
204	Current Research Therapeutic Strategies for Alzheimer's Disease Treatment. <i>Neural Plasticity</i> , 2016 , 2016, 8501693	3.3	153
203	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	5.3	44
202	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, 233-51	4.3	32
201	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	4.5	42
200	PEGylated PLGA nanospheres optimized by design of experiments for ocular administration of dexibuprofen-in vitro, ex vivo and in vivo characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 241-250	6	82
199	Adolescent exposure to MDMA induces dopaminergic toxicity in substantia nigra and potentiates the amyloid plaque deposition in the striatum of APPswe/PS1dE9 mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1815-26	6.9	5
198	Pirfenidone Attenuates Microglial Reactivity and Reduces Inducible Nitric Oxide Synthase mRNA Expression After Kainic Acid-Mediated Excitotoxicity in Pubescent Rat Hippocampus. <i>Journal of Molecular Neuroscience</i> , 2015 , 56, 245-54	3.3	8
197	Mice Lacking Functional Fas Death Receptors Are Protected from Kainic Acid-Induced Apoptosis in the Hippocampus. <i>Molecular Neurobiology</i> , 2015 , 52, 120-9	6.2	5
196	Vulnerability of calbindin, calretinin and parvalbumin in a transgenic/knock-in APPswe/PS1dE9 mouse model of Alzheimer disease together with disruption of hippocampal neurogenesis. <i>Experimental Gerontology</i> , 2015 , 69, 176-88	4.5	24
195	The role of leptin in the sporadic form of Alzheimer's disease. Interactions with the adipokines amylin, ghrelin and the pituitary hormone prolactin. <i>Life Sciences</i> , 2015 , 140, 19-28	6.8	24
194	Hypercholesterolemia and neurodegeneration. Comparison of hippocampal phenotypes in LDLr knockout and APPswe/PS1dE9 mice. <i>Experimental Gerontology</i> , 2015 , 65, 69-78	4.5	15
193	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, 403-12	5.2	14
192	Masitinib for the treatment of mild to moderate Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2015 , 15, 587-96	4.3	42
191	Trafficking of Gold Nanoparticles Coated with the 8D3 Anti-Transferrin Receptor Antibody at the Mouse Blood-Brain Barrier. <i>Molecular Pharmaceutics</i> , 2015 , 12, 4137-45	5.6	55

190	Downregulation of canonical Wnt signaling in hippocampus of SAMP8 mice. <i>Neurobiology of Aging</i> , 2015 , 36, 720-9	5.6	44
189	P38 MAPK inhibition protects against glutamate neurotoxicity and modifies NMDA and AMPA receptor subunit expression. <i>Journal of Molecular Neuroscience</i> , 2015 , 55, 596-608	3.3	24
188	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, 1687-99	6.9	105
187	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		30
186	Glutamate excitotoxicity activates the MAPK/ERK signaling pathway and induces the survival of rat hippocampal neurons in vivo. <i>Journal of Molecular Neuroscience</i> , 2014 , 52, 366-77	3.3	30
185	MDMA enhances hippocampal-dependent learning and memory under restrictive conditions, and modifies hippocampal spine density. <i>Psychopharmacology</i> , 2014 , 231, 863-74	4.7	14
184	3,4-Methylenedioxymethamphetamine enhances kainic acid convulsive susceptibility. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 54, 231-42	5.5	8
183	Mavoglurant as a treatment for Parkinson's disease. <i>Expert Opinion on Investigational Drugs</i> , 2014 , 23, 1165-79	5.9	26
182	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		8
181	A single dose of pirfenidone attenuates neuronal loss and reduces lipid peroxidation after kainic acid-induced excitotoxicity in the pubescent rat hippocampus. <i>Journal of Molecular Neuroscience</i> , 2014 , 52, 193-201	3.3	9
180	Wnt pathway regulation by long-term moderate exercise in rat hippocampus. <i>Brain Research</i> , 2014 , 1543, 38-48	3.7	39
179	Early alterations in energy metabolism in the hippocampus of APP ^{swe} /PS1 ^{dE9} mouse model of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1556-66	6.9	135
178	Melatonin suppresses nitric oxide production in glial cultures by pro-inflammatory cytokines through p38 MAPK inhibition. <i>Free Radical Research</i> , 2014 , 48, 119-28	4	22
177	Neuroprotective role of trans-resveratrol in a murine model of familial Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2014 , 42, 1209-20	4.3	112
176	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, 151-65		21
175	Resveratrol induces nuclear factor- κ B activity in human cardiac cells. <i>International Journal of Cardiology</i> , 2013 , 167, 2507-16	3.2	24
174	Tau hyperphosphorylation and increased BACE1 and RAGE levels in the cortex of PPAR α null mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 1241-8	6.9	29
173	Depression-like behavior is dependent on age in male SAMP8 mice. <i>Biogerontology</i> , 2013 , 14, 165-76	4.5	12

172	Study of the transcytosis of an anti-transferrin receptor antibody with a Fab' cargo across the blood-brain barrier in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 49, 556-64	5.1	27
171	Evaluation of hypoxia inducible factor expression in inflammatory and neurodegenerative brain models. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 1377-88	5.6	30
170	Dietary resveratrol prevents Alzheimer's markers and increases life span in SAMP8. <i>Age</i> , 2013 , 35, 1851-65		171
169	PI3 k/akt inhibition induces apoptosis through p38 activation in neurons. <i>Pharmacological Research</i> , 2013 , 70, 116-25	10.2	27
168	Long-term exercise modulates hippocampal gene expression in senescent female mice. <i>Journal of Alzheimer's Disease</i> , 2013 , 33, 1177-90	4.3	35
167	Receptor to glutamate NMDA-type: the functional diversity of the nr1 isoforms and pharmacological properties. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6709-19	3.3	7
166	Metabolic basis of sporadic Alzheimer's disease. role of hormones related to energy metabolism. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6739-48	3.3	13
165	Lack of Jun-N-terminal kinase 3 (JNK3) does not protect against neurodegeneration induced by 3-nitropropionic acid. <i>Neuropathology and Applied Neurobiology</i> , 2012 , 38, 311-21	5.2	5
164	Microarray analysis of rat hippocampus exposed to excitotoxicity: reversal Na(+)/Ca(2+) exchanger NCX3 is overexpressed in glial cells. <i>Hippocampus</i> , 2012 , 22, 128-40	3.5	14
163	Aging biology: a new frontier for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2012 , 7, 217-29	6.2	18
162	Physiological and behavioural consequences of long-term moderate treadmill exercise. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1745-54	5	24
161	Low-dose pterostilbene, but not resveratrol, is a potent neuromodulator in aging and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012 , 33, 2062-71	5.6	154
160	GSK3 β inhibition is involved in the neuroprotective effects of cyclin-dependent kinase inhibitors in neurons. <i>Pharmacological Research</i> , 2012 , 65, 66-73	10.2	14
159	Neuroprotective and anti-ageing role of leptin. <i>Journal of Molecular Endocrinology</i> , 2012 , 49, R149-56	4.5	44
158	Long-term physical exercise induces changes in sirtuin 1 pathway and oxidative parameters in adult rat tissues. <i>Experimental Gerontology</i> , 2012 , 47, 925-35	4.5	49
157	Role of cell cycle re-entry in neurons: a common apoptotic mechanism of neuronal cell death. <i>Neurotoxicity Research</i> , 2012 , 22, 195-207	4.3	99
156	Dendritic spine abnormalities in hippocampal CA1 pyramidal neurons underlying memory deficits in the SAMP8 mouse model of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2012 , 32, 233-40	4.3	42
155	Expression pattern of ataxia telangiectasia mutated (ATM), p53, Akt, and glycogen synthase kinase-3 β in the striatum of rats treated with 3-nitropropionic acid. <i>Journal of Neuroscience Research</i> , 2012 , 90, 1803-13	4.4	4

154	Neurons from senescence-accelerated SAMP8 mice are protected against frailty by the sirtuin 1 promoting agents melatonin and resveratrol. <i>Journal of Pineal Research</i> , 2012 , 52, 271-81	10.4	62
153	Neuronal cell cycle re-entry markers are altered in the senescence accelerated mouse P8 (SAMP8). <i>Journal of Alzheimer's Disease</i> , 2012 , 30, 573-83	4.3	17
152	Cell Cycle Control by Ataxia Telangiectasia Mutated Protein Through Regulating Retinoblastoma Protein Phosphorylation 2012 , 103-115		
151	Characterization of amyloid- β granules in the hippocampus of SAMP8 mice. <i>Journal of Alzheimer's Disease</i> , 2011 , 25, 535-46	4.3	39
150	Neurophysiological and epigenetic effects of physical exercise on the aging process. <i>Ageing Research Reviews</i> , 2011 , 10, 475-86	12	83
149	Study of the pathways involved in apoptosis induced by PI3K inhibition in cerebellar granule neurons. <i>Neurochemistry International</i> , 2011 , 59, 159-67	4.4	12
148	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, 734-41	4.4	6
147	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, 525-37	5.2	34
146	Gene expression profile in JNK3 null mice: a novel specific activation of the PI3K/AKT pathway. <i>Journal of Neurochemistry</i> , 2011 , 117, 244-52	6	12
145	HIF-1 β expression in the hippocampus and peripheral macrophages after glutamate-induced excitotoxicity. <i>Journal of Neuroimmunology</i> , 2011 , 238, 12-8	3.5	17
144	The sirtuin pathway in ageing and Alzheimer disease: mechanistic and therapeutic considerations. <i>Lancet Neurology</i> , 2011 , 10, 275-9	24.1	158
143	Resveratrol inhibits proliferation and promotes apoptosis of neuroblastoma cells: role of sirtuin 1. <i>Neurochemical Research</i> , 2011 , 36, 187-94	4.6	29
142	Antiapoptotic effects of roscovitine on camptothecin-induced DNA damage in neuroblastoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011 , 16, 536-50	5.4	11
141	Decrease of calbindin-d28k, calretinin, and parvalbumin by taurine treatment does not induce a major susceptibility to kainic acid. <i>Journal of Neuroscience Research</i> , 2011 , 89, 1043-51	4.4	3
140	Content and traffic of taurine in hippocampal reactive astrocytes. <i>Hippocampus</i> , 2011 , 21, 185-97	3.5	19
139	Long-term treadmill exercise induces neuroprotective molecular changes in rat brain. <i>Journal of Applied Physiology</i> , 2011 , 111, 1380-90	3.7	65
138	Cerebral amyloid angiopathy, blood-brain barrier disruption and amyloid accumulation in SAMP8 mice. <i>Neurodegenerative Diseases</i> , 2011 , 8, 421-9	2.3	35
137	Antiapoptotic drugs: a therapeutic strategy for the prevention of neurodegenerative diseases. <i>Current Pharmaceutical Design</i> , 2011 , 17, 230-45	3.3	37

136	Differences in activation of ERK1/2 and p38 kinase in Jnk3 null mice following KA treatment. <i>Journal of Neurochemistry</i> , 2010 , 114, 1315-22	6	21
135	Kainate-induced toxicity in the hippocampus: potential role of lithium. <i>Bipolar Disorders</i> , 2010 , 12, 425-36,8		9
134	Early amyloid accumulation in the hippocampus of SAMP8 mice. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 1303-15	4.3	104
133	Aging control with resveratrol. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2010 , 7, 51-56		2
132	Effects of MPP+ on the molecular pathways involved in cell cycle control in B65 neuroblastoma cells. <i>Pharmacological Research</i> , 2010 , 61, 391-9	10.2	9
131	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	5.9	18
130	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, 443-50	4.4	18
129	Prosurvival role of JAK/STAT and Akt signaling pathways in MPP+-induced apoptosis in neurons. <i>Neurochemistry International</i> , 2010 , 57, 774-82	4.4	12
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