

Antoni Camins

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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	Metal-Based Nanoparticles as Antimicrobial Agents: An Overview. <i>Nanomaterials</i> , 2020 , 10,	5.4	355
278	Dietary resveratrol prevents Alzheimer's markers and increases life span in SAMP8. <i>Age</i> , 2013 , 35, 1851-65		171
277	Novel donepezil-based inhibitors of acetyl- and butyrylcholinesterase and acetylcholinesterase-induced beta-amyloid aggregation. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 3588-98 ³	8.3	163
276	The sirtuin pathway in ageing and Alzheimer disease: mechanistic and therapeutic considerations. <i>Lancet Neurology</i> , 2011 , 10, 275-9	24.1	158
275	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
274	Current Research Therapeutic Strategies for Alzheimer's Disease Treatment. <i>Neural Plasticity</i> , 2016 , 2016, 8501693	3.3	153
273	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, 615-24	4.3	149
272	Early alterations in energy metabolism in the hippocampus of APPswe/PS1dE9 mouse model of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1556-66	6.9	135
271	Resveratrol and neurodegenerative diseases: activation of SIRT1 as the potential pathway towards neuroprotection. <i>Current Neurovascular Research</i> , 2009 , 6, 70-81	1.8	123
270	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
269	Hyperphosphorylation of microtubule-associated protein tau in senescence-accelerated mouse (SAM). <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 1300-4	5.6	116
268	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
267	Activation of nuclear factor-kappaB in the rat brain after transient focal ischemia. <i>Molecular Brain Research</i> , 1999 , 65, 61-9		109
266	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
265	Early amyloid accumulation in the hippocampus of SAMP8 mice. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 1303-15	4.3	104
264	Different glial response to methamphetamine- and methylenedioxymethamphetamine-induced neurotoxicity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003 , 367, 490-9	3.4	104
263	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

262	The role of CDK5/P25 formation/inhibition in neurodegeneration. <i>Drug News and Perspectives</i> , 2006 , 19, 453-60		99
261	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
260	Involvement of calpain activation in neurodegenerative processes. <i>CNS Neuroscience & Therapeutics</i> , 2006 , 12, 135-48		97
259	Modulation of SIRT1 expression in different neurodegenerative models and human pathologies. <i>Neuroscience</i> , 2008 , 154, 1388-97	3.9	96
258	Protective effects of C-phycoyanin against kainic acid-induced neuronal damage in rat hippocampus. <i>Neuroscience Letters</i> , 1999 , 276, 75-8	3.3	96
257	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
256	Neurotoxicity of amphetamine derivatives is mediated by caspase pathway activation in rat cerebellar granule cells. <i>Toxicology and Applied Pharmacology</i> , 2004 , 196, 223-34	4.6	86
255	Excitotoxicity in the pathogenesis of neurological and psychiatric disorders: Therapeutic implications. <i>Journal of Psychopharmacology</i> , 2018 , 32, 265-275	4.6	85
254	Neurophysiological and epigenetic effects of physical exercise on the aging process. <i>Ageing Research Reviews</i> , 2011 , 10, 475-86	12	83
253	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, 302-11	10.4	82
252	Kainic acid-induced apoptosis in cerebellar granule neurons: an attempt at cell cycle re-entry. <i>NeuroReport</i> , 2002 , 13, 413-6	1.7	82
251	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
250	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, 746-56	3.9	79
249	Evaluation of potential pro-survival pathways regulated by melatonin in a murine senescence model. <i>Journal of Pineal Research</i> , 2008 , 45, 497-505	10.4	78
248	Apoptotic mechanisms involved in neurodegenerative diseases: experimental and therapeutic approaches. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2008 , 30, 43-65		77
247	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, 228-37	10.4	76
246	Current Applications of Nanoemulsions in Cancer Therapeutics. <i>Nanomaterials</i> , 2019 , 9,	5.4	72
245	Elevated oxidative stress in the brain of senescence-accelerated mice at 5 months of age. <i>Biogerontology</i> , 2006 , 7, 43-52	4.5	69

244	Advanced Formulation Approaches for Ocular Drug Delivery: State-Of-The-Art and Recent Patents. <i>Pharmaceutics</i> , 2019 , 11,	6.4	68
243	Changes in oxidative stress parameters and neurodegeneration markers in the brain of the senescence-accelerated mice SAMP-8. <i>Experimental Gerontology</i> , 2006 , 41, 360-7	4.5	68
242	Free radical production induced by methamphetamine in rat striatal synaptosomes. <i>Toxicology and Applied Pharmacology</i> , 2005 , 204, 57-68	4.6	68
241	Microgliosis and down-regulation of adenosine transporter induced by methamphetamine in rats. <i>Brain Research</i> , 1998 , 814, 120-6	3.7	67
240	Long-term treadmill exercise induces neuroprotective molecular changes in rat brain. <i>Journal of Applied Physiology</i> , 2011 , 111, 1380-90	3.7	65
239	Modulation of sirtuins: new targets for antiageing. <i>Recent Patents on CNS Drug Discovery</i> , 2008 , 3, 61-9		65
238	Mitochondrial membrane potential measurement in rat cerebellar neurons by flow cytometry. <i>Cytometry</i> , 1997 , 28, 74-80		64
237	Increased permeability of blood-brain barrier on the hippocampus of a murine model of senescence. <i>Mechanisms of Ageing and Development</i> , 2007 , 128, 522-8	5.6	63
236	Epigenetic mechanisms underlying cognitive impairment and Alzheimer disease hallmarks in 5XFAD mice. <i>Aging</i> , 2016 , 8, 664-84	5.6	63
235	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
234	Molecular and biochemical features in Alzheimer's disease. <i>Current Pharmaceutical Design</i> , 2006 , 12, 4389-408	3.3	62
233	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
232	Sirtuin activators: designing molecules to extend life span. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010 , 1799, 740-9	6	61
231	Kainate induces AKT, ERK and cdk5/GSK3beta pathway deregulation, phosphorylates tau protein in mouse hippocampus. <i>Neurochemistry International</i> , 2007 , 50, 435-42	4.4	61
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, 251-8	10.4	60
229	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, 665-71	2.7	58
228	Memantine-Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. <i>Small</i> , 2018 , 14, 1701808	11	58
227	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

226	Review of the advances in treatment for Alzheimer disease: Strategies for combating β amyloid protein. <i>Neurologia</i> , 2018 , 33, 47-58	1.4	55
225	Chronic administration of melatonin reduces cerebral injury biomarkers in SAMP8. <i>Journal of Pineal Research</i> , 2007 , 42, 394-402	10.4	53
224	Evidence in favour of a role for peripheral-type benzodiazepine receptor ligands in amplification of neuronal apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005 , 10, 91-104	5.4	51
223	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
222	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	10.4	49
221	Carbonyl stress and NMDA receptor activation contribute to methylglyoxal neurotoxicity. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 779-90	7.8	47
220	Novel huprine derivatives with inhibitory activity toward β amyloid aggregation and formation as disease-modifying anti-Alzheimer drug candidates. <i>ChemMedChem</i> , 2010 , 5, 1855-70	3.7	46
219	Dysfunction of astrocytes in senescence-accelerated mice SAMP8 reduces their neuroprotective capacity. <i>Aging Cell</i> , 2008 , 7, 630-40	9.9	46
218	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
217	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
216	Potential mechanisms involved in the prevention of neurodegenerative diseases by lithium. <i>CNS Neuroscience and Therapeutics</i> , 2009 , 15, 333-44	6.8	45
215	Activation of the calpain/cdk5/p25 pathway in the girus cinguli in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2008 , 14, 309-13	3.6	45
214	Understanding the Role of Hypoxia Inducible Factor During Neurodegeneration for New Therapeutics Opportunities. <i>Current Neuropharmacology</i> , 2018 , 16, 1484-1498	7.6	45
213	Downregulation of canonical Wnt signaling in hippocampus of SAMP8 mice. <i>Neurobiology of Aging</i> , 2015 , 36, 720-9	5.6	44
212	Neuroprotective and anti-ageing role of leptin. <i>Journal of Molecular Endocrinology</i> , 2012 , 49, R149-56	4.5	44
211	Environmental Enrichment Modified Epigenetic Mechanisms in SAMP8 Mouse Hippocampus by Reducing Oxidative Stress and Inflammaging and Achieving Neuroprotection. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 241	5.3	44
210	Inhibition of cell cycle pathway by flavopiridol promotes survival of cerebellar granule cells after an excitotoxic treatment. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 609-16	4.7	43
209	Masitinib for the treatment of mild to moderate Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2015 , 15, 587-96	4.3	42

208	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
207	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, 106-14	10.4	42
206	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
205	Lithium treatment decreases activities of tau kinases in a murine model of senescence. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008 , 67, 612-23	3.1	41
204	Neuronal in vitro models for the estimation of acute systemic toxicity. <i>Toxicology in Vitro</i> , 2009 , 23, 1564-9	3.6	40
203	Inhibition of cyclin-dependent kinases is neuroprotective in 1-methyl-4-phenylpyridinium-induced apoptosis in neurons. <i>Neuroscience</i> , 2007 , 146, 350-65	3.9	40
202	Alpha-Secretase ADAM10 Regulation: Insights into Alzheimer's Disease Treatment. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	40
201	Wnt pathway regulation by long-term moderate exercise in rat hippocampus. <i>Brain Research</i> , 2014 , 1543, 38-48	3.7	39
200	Neuroprotective Effects of Eucaryophyllene against Dopaminergic Neuron Injury in a Murine Model of Parkinson's Disease Induced by MPTP. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	39
199	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
198	Prevention of epilepsy by taurine treatments in mice experimental model. <i>Journal of Neuroscience Research</i> , 2009 , 87, 1500-8	4.4	39
197	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, 42-9	3	39
196	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
195	Neuroprotective action of flavopiridol, a cyclin-dependent kinase inhibitor, in colchicine-induced apoptosis. <i>Neuropharmacology</i> , 2003 , 45, 672-83	5.5	38
194	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
193	Antiapoptotic drugs: a therapeutic strategy for the prevention of neurodegenerative diseases. <i>Current Pharmaceutical Design</i> , 2011 , 17, 230-45	3.3	37
192	Implication of cyclin-dependent kinase 5 in the neuroprotective properties of lithium. <i>Neuroscience</i> , 2005 , 134, 1001-11	3.9	37
191	Activation of Akt by lithium: pro-survival pathways in aging. <i>Mechanisms of Ageing and Development</i> , 2009 , 130, 253-61	5.6	36

190	C-phycoyanin protects cerebellar granule cells from low potassium/serum deprivation-induced apoptosis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001 , 364, 96-104	3.4	36
189	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
188	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
187	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
186	Cerebral amyloid angiopathy, blood-brain barrier disruption and amyloid accumulation in SAMP8 mice. <i>Neurodegenerative Diseases</i> , 2011 , 8, 421-9	2.3	35
185	Determination of nitric oxide generation in mammalian neurons using dichlorofluorescein diacetate and flow cytometry. <i>Journal of Pharmacological and Toxicological Methods</i> , 1997 , 38, 93-8	1.7	35
184	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
183	Oxidative stress-induced DNA damage and cell cycle regulation in B65 dopaminergic cell line. <i>Free Radical Research</i> , 2009 , 43, 985-94	4	34
182	An evaluation of the neuroprotective effects of melatonin in an in vitro experimental model of age-induced neuronal apoptosis. <i>Journal of Pineal Research</i> , 2009 , 46, 262-7	10.4	34
181	Kainic acid-induced neuronal cell death in cerebellar granule cells is not prevented by caspase inhibitors. <i>British Journal of Pharmacology</i> , 2002 , 135, 1297-307	8.6	34
180	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
179	Implication of the transcription factor E2F-1 in the modulation of neuronal apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2007 , 61, 390-9	7.5	33
178	The Implication of the Brain Insulin Receptor in Late Onset Alzheimer's Disease Dementia. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	32
177	The effect of mGluR2 activation on signal transduction pathways and neuronal cell survival. <i>Brain Research</i> , 2009 , 1249, 244-50	3.7	32
176	Evidence of calpain/cdk5 pathway inhibition by lithium in 3-nitropropionic acid toxicity in vivo and in vitro. <i>Neuropharmacology</i> , 2009 , 56, 422-8	5.5	32
175	Neuroprotective role of intermittent fasting in senescence-accelerated mice P8 (SAMP8). <i>Experimental Gerontology</i> , 2010 , 45, 702-10	4.5	32
174	Antiapoptotic effects of roscovitine in cerebellar granule cells deprived of serum and potassium: a cell cycle-related mechanism. <i>Neurochemistry International</i> , 2004 , 44, 251-61	4.4	32
173	A flow cytometric study of N-methyl-D-aspartate effects on dissociated cerebellar cells. <i>Brain Research</i> , 1996 , 723, 110-4	3.7	32

172	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
171	Synthesis and pharmacological evaluation of several ring-contracted amantadine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9925-36	3.4	31
170	Orphenadrine prevents 3-nitropropionic acid-induced neurotoxicity in vitro and in vivo. <i>British Journal of Pharmacology</i> , 2001 , 132, 693-702	8.6	31
169	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
168	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
167	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
166	Calpains as a target for therapy of neurodegenerative diseases: putative role of lithium. <i>Current Drug Metabolism</i> , 2009 , 10, 433-47	3.5	30
165	Glycogen synthase kinase-3 is involved in the regulation of the cell cycle in cerebellar granule cells. <i>Neuropharmacology</i> , 2007 , 53, 295-307	5.5	30
164	Carnosine prevents methamphetamine-induced gliosis but not dopamine terminal loss in rats. <i>European Journal of Pharmacology</i> , 2002 , 448, 165-8	5.3	30
163	Tau hyperphosphorylation and increased BACE1 and RAGE levels in the cortex of PPAR γ null mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 1241-8	6.9	29
162	Resveratrol inhibits proliferation and promotes apoptosis of neuroblastoma cells: role of sirtuin 1. <i>Neurochemical Research</i> , 2011 , 36, 187-94	4.6	29
161	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, 1135-47	3.9	29
160	Neuroprotective effects of caffeine against complex I inhibition-induced apoptosis are mediated by inhibition of the Atm/p53/E2F-1 path in cerebellar granule neurons. <i>Journal of Neuroscience Research</i> , 2007 , 85, 3079-88	4.4	29
159	Epigallocatechin-3-Gallate (EGCG) Improves Cognitive Deficits Aggravated by an Obesogenic Diet Through Modulation of Unfolded Protein Response in APP ^{swe} /PS1 ^{dE9} Mice. <i>Molecular Neurobiology</i> , 2020 , 57, 1814-1827	6.2	28
158	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
157	PI3 k/akt inhibition induces apoptosis through p38 activation in neurons. <i>Pharmacological Research</i> , 2013 , 70, 116-25	10.2	27
156	Mavoglurant as a treatment for Parkinson's disease. <i>Expert Opinion on Investigational Drugs</i> , 2014 , 23, 1165-79	5.9	26
155	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	2.7	26

154	PGC-1beta down-regulation is associated with reduced ERRalpha activity and MCAD expression in skeletal muscle of senescence-accelerated mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006 , 61, 773-80	6.4	26
153	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
152	Age-related expression of adenosine receptors in brain from the senescence-accelerated mouse. <i>Experimental Gerontology</i> , 2009 , 44, 453-61	4.5	25
151	A new aspect of the antiproliferative action of peripheral-type benzodiazepine receptor ligands. <i>European Journal of Pharmacology</i> , 1995 , 272, 289-92	5.3	25
150	Dexibuprofen prevents neurodegeneration and cognitive decline in APPswe/PS1dE9 through multiple signaling pathways. <i>Redox Biology</i> , 2017 , 13, 345-352	11.3	24
149	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
148	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
147	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
146	Resveratrol induces nuclear factor- κ B activity in human cardiac cells. <i>International Journal of Cardiology</i> , 2013 , 167, 2507-16	3.2	24
145	Physiological and behavioural consequences of long-term moderate treadmill exercise. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1745-54	5	24
144	Inhibition of the cdk5/MEF2 pathway is involved in the antiapoptotic properties of calpain inhibitors in cerebellar neurons. <i>British Journal of Pharmacology</i> , 2005 , 145, 1103-11	8.6	24
143	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	1.4	24
142	Lithium prevents colchicine-induced apoptosis in rat cerebellar granule neurons. <i>Bipolar Disorders</i> , 2004 , 6, 144-9	3.8	23
141	Dexibuprofen Biodegradable Nanoparticles: One Step Closer towards a Better Ocular Interaction Study. <i>Nanomaterials</i> , 2020 , 10,	5.4	22
140	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
139	Evaluation of free radical production, mitochondrial membrane potential and cytoplasmic calcium in mammalian neurons by flow cytometry. <i>Brain Research Protocols</i> , 1999 , 4, 280-7		22
138	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
137	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

136	Peroxisome proliferator-activated receptor alpha down-regulation is associated with enhanced ceramide levels in age-associated cardiac hypertrophy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007 , 62, 1326-36	6.4	21
135	Neuroprotective effects of (+/-)-huprine Y on in vitro and in vivo models of excitotoxicity damage. <i>Experimental Neurology</i> , 2003 , 180, 123-30	5.7	21
134	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, 709-15	3.5	20
133	Content and traffic of taurine in hippocampal reactive astrocytes. <i>Hippocampus</i> , 2011 , 21, 185-97	3.5	19
132	Resveratrol: An Antiaging Drug with Potential Therapeutic Applications in Treating Diseases. <i>Pharmaceuticals</i> , 2009 , 2, 194-205	5.2	19
131	Blood-brain barrier disruption in the striatum of rats treated with 3-nitropropionic acid. <i>NeuroToxicology</i> , 2009 , 30, 136-43	4.4	19
130	Evaluation of pathways involved in pentachlorophenol-induced apoptosis in rat neurons. <i>NeuroToxicology</i> , 2009 , 30, 451-8	4.4	19
129	Activation of ataxia telangiectasia muted under experimental models and human Parkinson's disease. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 3865-82	10.3	19
128	Experimental Models for Aging and their Potential for Novel Drug Discovery. <i>Current Neuropharmacology</i> , 2018 , 16, 1466-1483	7.6	19
127	Resveratrol modulates response against acute inflammatory stimuli in aged mouse brain. <i>Experimental Gerontology</i> , 2018 , 102, 3-11	4.5	19
126	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
125	Aging biology: a new frontier for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2012 , 7, 217-29	6.2	18
124	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
123	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
122	A molecular study of pathways involved in the inhibition of cell proliferation in neuroblastoma B65 cells by the GSK-3 inhibitors lithium and SB-415286. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 3906-17	5.6	18
121	3-Nitropropionic acid activates calpain/cdk5 pathway in rat striatum. <i>Neuroscience Letters</i> , 2007 , 421, 77-81	3.3	18
120	Obesity and neuroinflammatory phenotype in mice lacking endothelial megalin. <i>Journal of Neuroinflammation</i> , 2017 , 14, 26	10.1	17
119	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

118	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
117	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
116	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
115	New oxapolycyclic cage amines with NMDA receptor antagonist and trypanocidal activities. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 46-57	3.4	17
114	Modulation of neuronal mitochondrial membrane potential by the NMDA receptor: role of arachidonic acid. <i>Brain Research</i> , 1997 , 777, 69-74	3.7	17
113	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, 269-76 ²⁻⁷	2.7	17
112	Cell surface expression of heat shock proteins in dog neutrophils induced by mitochondrial benzodiazepine receptor ligands. <i>Immunopharmacology</i> , 1995 , 29, 159-66		17
111	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
110	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
109	3-Amino thioacridone, a selective cyclin-dependent kinase 4 inhibitor, attenuates kainic acid-induced apoptosis in neurons. <i>Neuroscience</i> , 2003 , 120, 599-603	3.9	16
108	Further characterization of an adenosine transport system in the mitochondrial fraction of rat testis. <i>European Journal of Pharmacology</i> , 2000 , 398, 31-9	5.3	16
107	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
106	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
105	Hypercholesterolemia and neurodegeneration. Comparison of hippocampal phenotypes in LDLr knockout and APP ^{swE} /PS1 ^{dE9} mice. <i>Experimental Gerontology</i> , 2015 , 65, 69-78	4.5	15
104	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
103	The p38(MAPK) signaling pathway regulates neuronal apoptosis through the phosphorylation of the retinoblastoma protein. <i>Neurochemistry International</i> , 2009 , 54, 99-105	4.4	15
102	Flavopiridol: an antitumor drug with potential application in the treatment of neurodegenerative diseases. <i>Medical Hypotheses</i> , 2005 , 64, 120-3	3.8	15
101	Different capacities of various NMDA receptor antagonists to prevent ischemia-induced neurodegeneration in human cultured NT2 neurons. <i>Neurochemistry International</i> , 2006 , 49, 466-74	4.4	15

100	Evaluation of the neuronal apoptotic pathways involved in cytoskeletal disruption-induced apoptosis. <i>Biochemical Pharmacology</i> , 2005 , 70, 470-80	6	15
99	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, 343-61	7.5	15
98	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
97	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
96	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
95	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
94	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
93	Effect of glutamate receptor ligands on mitochondrial membrane potential in rat dissociated cerebellar cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996 , 354, 420-3	3.4	14
92	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
91	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
90	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
89	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, 465-71	3.6	13
88	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, 136-42	4.4	13
87	In vitro and in vivo protective effect of orphenadrine on glutamate neurotoxicity. <i>Neuropharmacology</i> , 1999 , 38, 671-7	5.5	13
86	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
85	Anti-inflammatory role of Leptin in glial cells through p38 MAPK pathway inhibition. <i>Pharmacological Reports</i> , 2017 , 69, 409-418	3.9	12
84	A metabolic perspective of late onset Alzheimer's disease. <i>Pharmacological Research</i> , 2019 , 145, 104255	10.2	12
83	Review of the advances in treatment for Alzheimer disease: strategies for combating β amyloid protein. <i>Neurologia (English Edition)</i> , 2018 , 33, 47-58	0.4	12

82	Depression-like behavior is dependent on age in male SAMP8 mice. <i>Biogerontology</i> , 2013 , 14, 165-76	4.5	12
81	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
80	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
79	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
78	U-83836E prevents kainic acid-induced neuronal damage. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1998 , 357, 413-8	3.4	12
77	Neuroprotection associated with alternative splicing of NMDA receptors in rat cortical neurons. <i>British Journal of Pharmacology</i> , 2006 , 147, 622-33	8.6	12
76	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
75	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
74	Evaluation of acute antiapoptotic effects of Li ⁺ in neuronal cell cultures. <i>Journal of Neural Transmission</i> , 2007 , 114, 405-16	4.3	11
73	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
72	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, 239-43	5.3	10
71	DNA low-density array analysis of colchicine neurotoxicity in rat cerebellar granular neurons. <i>NeuroToxicology</i> , 2008 , 29, 309-17	4.4	10
70	Inhibition of multiple pathways accounts for the antiapoptotic effects of flavopiridol on potassium withdrawal-induced apoptosis in neurons. <i>Journal of Molecular Neuroscience</i> , 2005 , 26, 71-84	3.3	10
69	Specific binding sites for [³ H]Ro 5-4864 in rat prostate and seminal vesicle. <i>General Pharmacology</i> , 1992 , 23, 381-4		10
68	Characterization of [³ H]Ro 5-4864 binding sites in rat vas deferens. <i>Journal of Neurochemistry</i> , 1992 , 58, 39-45	6	10
67	Lipid Nanoparticles for the Posterior Eye Segment.. <i>Pharmaceutics</i> , 2021 , 14,	6.4	10
66	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
65	Kainate-induced toxicity in the hippocampus: potential role of lithium. <i>Bipolar Disorders</i> , 2010 , 12, 425-36.8		9

64	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
63	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, 1219-27	6.4	9
62	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, 671-4	6.5	9
61	Characterization of nitrobenzylthioinosine binding sites in the mitochondrial fraction of rat testis. <i>Life Sciences</i> , 1996 , 58, 753-9	6.8	9
60	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
59	3,4-Methylenedioxyamphetamine enhances kainic acid convulsive susceptibility. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 54, 231-42	5.5	8
58	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
57	ATM is involved in cell-cycle control through the regulation of retinoblastoma protein phosphorylation. <i>Journal of Cellular Biochemistry</i> , 2010 , 110, 210-8	4.7	8
56	Characterization of [³ H]nisoxetine binding in rat vas deferens membranes: modulation by sigma and PCP ligands. <i>Life Sciences</i> , 1998 , 62, 763-73	6.8	8
55	Evaluation of neuronal cell death by laser scanning cytometry. <i>Brain Research Protocols</i> , 2002 , 9, 41-8		8
54	Cell-surface Expression of Heat Shock proteins in Dog Neutrophils after Oxidative Stress. <i>Toxicology in Vitro</i> , 1999 , 13, 437-43	3.6	8
53	Characterization and differentiation of peripheral-type benzodiazepine receptors in rat and human prostate. <i>Life Sciences</i> , 1994 , 54, 759-67	6.8	8
52	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
51	Regulation of GSK-3beta by calpain in the 3-nitropropionic acid model. <i>Hippocampus</i> , 2010 , 20, 962-70	3.5	7
50	Reactive oxygen production by glutamate agonists in dissociated cerebellar cells: a flow cytometric study. <i>General Pharmacology</i> , 1998 , 30, 507-11		7
49	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
48	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
47	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

46	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
45	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
44	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
43	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
42	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
41	Synthesis, uptake and release of taurine in astrocytes treated with 8-Br-cAMP. <i>Neuroscience Letters</i> , 2009 , 467, 199-202	3.3	6
40	Synthesis and Calcium Channel Blocking Activity of 4-Indolyl-1,4-dihydropyridines. <i>Bioorganic Chemistry</i> , 1997 , 25, 169-178	5.1	6
39	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
38	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
37	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
36	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, 239-44		5
35	Flow cytometric determination of cytoplasmic oxidants and mitochondrial membrane potential in neuronal cells. <i>Methods in Enzymology</i> , 2002 , 352, 71-9	1.7	5
34	Effects of U-83836E on glutamate-induced neurotoxicity in dissociated rat cerebellar granule cells. <i>Toxicology and Applied Pharmacology</i> , 1999 , 156, 1-5	4.6	5
33	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
32	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
31	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
30	Cyclosporin A enhances colchicine-induced apoptosis in rat cerebellar granule neurons. <i>British Journal of Pharmacology</i> , 2004 , 141, 661-9	8.6	4
29	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

28	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
27	Assessment of the adrenergic effects of orphenadrine in rat vas deferens. <i>Journal of Pharmacy and Pharmacology</i> , 1999 , 51, 307-12	4.8	3
26	Hepatic gene expression changes in an experimental model of accelerated senescence: the SAM-P8 mouse. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008 , 63, 1043-52	6.4	3
25	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
24	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
23	Involvement of JNK1 in Neuronal Polarization During Brain Development. <i>Cells</i> , 2020 , 9,	7.9	3
22	Metformin a Potential Pharmacological Strategy in Late Onset Alzheimer's Disease Treatment. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
21	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
20	Pharmacological Strategies to Improve Dendritic Spines in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, S91-S107	4.3	2
19	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
18	Aging control with resveratrol. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2010 , 7, 51-56		2
17	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, 1083-93	4.4	2
16	p21(WAF1/Cip1) is not involved in kainic acid-induced apoptosis in murine cerebellar granule cells. <i>Brain Research</i> , 2004 , 1030, 297-302	3.7	2
15	Inhibitors of Cyclin-Dependent Kinases: Potential Drugs for the Treatment of Neurodegenerative Disorders?. <i>Current Medicinal Chemistry - Central Nervous System Agents</i> , 2005 , 5, 101-109		2
14	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
13	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
12	Dexibuprofen ameliorates peripheral and central risk factors associated with Alzheimer's disease in metabolically stressed APPswe/PS1dE9 mice. <i>Cell and Bioscience</i> , 2021 , 11, 141	9.8	2
11	Masitinib for the treatment of Alzheimer's disease. <i>Neurodegenerative Disease Management</i> , 2021 , 11, 263-276	2.8	2

10	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
9	Role of cdk5 on ATM phosphorylation in neuronal death induced by DNA damage. <i>Future Neurology</i> , 2009 , 4, 283-285	1.5	1
8	Resveratrol: A Therapeutic Approach to Neurodegenerative Diseases and Aging. <i>Mini-Reviews in Organic Chemistry</i> , 2010 , 7, 267-271	1.7	1
7	JNK1 and JNK3: divergent functions in hippocampal metabolic-cognitive function.. <i>Molecular Medicine</i> , 2022 , 28, 48	6.2	1
6	Dexibuprofen loaded PEGylated nanospheres for Alzheimer's disease treatment. <i>Journal of Controlled Release</i> , 2017 , 259, e29-e30	11.7	
5	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	
4	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	
3	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	
2	Cell Cycle Control by Ataxia Telangiectasia Mutated Protein Through Regulating Retinoblastoma Protein Phosphorylation 2012 , 103-115		
1	Nanoparticle Products for the Eye: Preformulation, Formulation, and Manufacturing Considerations. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2021 , 409-447	0.5	