

Frdric Calon

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4408140/frederic-calon-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

9,588
citations

57
h-index

94
g-index

176
ext. papers

10,734
ext. citations

6.1
avg, IF

5.92
L-index

#	Paper	IF	Citations
160	Sauna-like conditions or menthol treatment reduce tau phosphorylation through mild hyperthermia.. <i>Neurobiology of Aging</i> , 2022 , 113, 118-130	5.6	1
159	Role of Retinoid X Receptors (RXRs) and dietary vitamin A in Alzheimer's disease: Evidence from clinicopathological and preclinical studies. <i>Neurobiology of Disease</i> , 2021 , 161, 105542	7.5	2
158	Can Natural Products Exert Neuroprotection without Crossing the Blood-Brain Barrier?. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
157	Targeting TDP-43 Pathology Alleviates Cognitive and Motor Deficits Caused by Chronic Cerebral Hypoperfusion. <i>Neurotherapeutics</i> , 2021 , 18, 1095-1112	6.4	2
156	Tetrahydrobiopterin (BH4) Pathway: From Metabolism to Neuropsychiatry. <i>Current Neuropharmacology</i> , 2021 , 19, 591-609	7.6	7
155	Repurposing beta-3 adrenergic receptor agonists for Alzheimer's disease: beneficial effects in a mouse model. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 103	9	3
154	Metabolic determinants of Alzheimer's disease: A focus on thermoregulation. <i>Ageing Research Reviews</i> , 2021 , 72, 101462	12	5
153	Diet enriched in omega-3 fatty acids alleviates olfactory system deficits in APOE4 transgenic mice. <i>European Journal of Neuroscience</i> , 2021 , 54, 7092-7108	3.5	
152	Strategies in the design and development of (TAR) DNA-binding protein 43 (TDP-43) binding ligands. <i>European Journal of Medicinal Chemistry</i> , 2021 , 225, 113753	6.8	1
151	Tetrahydrobiopterin Improves Recognition Memory in the Triple-Transgenic Mouse Model of Alzheimer's Disease, Without Altering Amyloid- β and Tau Pathologies. <i>Journal of Alzheimer's Disease</i> , 2021 , 79, 709-727	4.3	2
150	High-Fat Diet Modulates Hepatic Amyloid β and Cerebrosterol Metabolism in the Triple Transgenic Mouse Model of Alzheimer's Disease. <i>Hepatology Communications</i> , 2021 , 5, 446-460	6	1
149	Neurologin-1 is altered in the hippocampus of Alzheimer's disease patients and mouse models, and modulates the toxicity of amyloid-beta oligomers. <i>Scientific Reports</i> , 2020 , 10, 6956	4.9	12
148	Brain mural cell loss in the parietal cortex in Alzheimer's disease correlates with cognitive decline and TDP-43 pathology. <i>Neuropathology and Applied Neurobiology</i> , 2020 , 46, 458-477	5.2	15
147	Tetrahydrobiopterin administration facilitates amphetamine-induced dopamine release and motivation in mice. <i>Behavioural Brain Research</i> , 2020 , 379, 112348	3.4	5
146	Dickkopf-related protein-1 inhibition attenuates amyloid-beta pathology associated to Alzheimer's disease. <i>Neurochemistry International</i> , 2020 , 141, 104881	4.4	9
145	Sex-dependent alterations in the physiology of entorhinal cortex neurons in old heterozygous 3xTg-AD mice. <i>Biology of Sex Differences</i> , 2020 , 11, 63	9.3	3
144	Beta-amyloid pathology in human brain microvessel extracts from the parietal cortex: relation with cerebral amyloid angiopathy and Alzheimer's disease. <i>Acta Neuropathologica</i> , 2019 , 137, 801-823	14.3	35

143	Repeated cold exposures protect a mouse model of Alzheimer's disease against cold-induced tau phosphorylation. <i>Molecular Metabolism</i> , 2019 , 22, 110-120	8.8	16
142	and Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019 , 10, 758	4.1	20
141	The Consortium for the early identification of Alzheimer's disease-Quebec (CIMA-Q). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 787-796	5.2	8
140	Transferrin Receptor-Mediated Uptake at the Blood-Brain Barrier Is Not Impaired by Alzheimer's Disease Neuropathology. <i>Molecular Pharmaceutics</i> , 2019 , 16, 583-594	5.6	35
139	Peripheral adaptive immunity of the triple transgenic mouse model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2019 , 16, 3	10.1	21
138	Characterization of a 3xTg-AD mouse model of Alzheimer's disease with the senescence accelerated mouse prone 8 (SAMP8) background. <i>Synapse</i> , 2018 , 72, e22025	2.4	9
137	Impact of DHA intake in a mouse model of synucleinopathy. <i>Experimental Neurology</i> , 2018 , 301, 39-49	5.7	13
136	Polyphenol-rich extract from grape and blueberry attenuates cognitive decline and improves neuronal function in aged mice. <i>Journal of Nutritional Science</i> , 2018 , 7, e19	2.7	40
135	A Novel MicroRNA-124/PTPN1 Signal Pathway Mediates Synaptic and Memory Deficits in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2018 , 83, 395-405	7.9	94
134	Age-related deregulation of TDP-43 after stroke enhances NF- κ B-mediated inflammation and neuronal damage. <i>Journal of Neuroinflammation</i> , 2018 , 15, 312	10.1	22
133	Dietary intake of branched-chain amino acids in a mouse model of Alzheimer's disease: Effects on survival, behavior, and neuropathology. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018 , 4, 677-687	6	24
132	Identification of steroidal derivatives inhibiting the transformations of allopregnanolone and estradiol by 17 β -hydroxysteroid dehydrogenase type 10. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 3554-3559	2.9	4
131	Altered cerebral insulin response in transgenic mice expressing the epsilon-4 allele of the human apolipoprotein E gene. <i>Psychoneuroendocrinology</i> , 2017 , 77, 203-210	5	7
130	Docosahexaenoic acid prevents cognitive deficits in human apolipoprotein E epsilon 4-targeted replacement mice. <i>Neurobiology of Aging</i> , 2017 , 57, 28-35	5.6	10
129	Omega-3 polyunsaturated fatty acids and brain health: Preclinical evidence for the prevention of neurodegenerative diseases. <i>Trends in Food Science and Technology</i> , 2017 , 69, 203-213	15.3	25
128	Transgenic autoinhibition of p21-activated kinase exacerbates synaptic impairments and fronto-dependent behavioral deficits in an animal model of Alzheimer's disease. <i>Aging</i> , 2017 , 9, 1386-1403	5.6	12
127	Antibody-conjugated mesoporous silica nanoparticles for brain microvessel endothelial cell targeting. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7721-7735	7.3	31
126	Deficient striatal adaptation in aminergic and glutamatergic neurotransmission is associated with tardive dyskinesia in non-human primates exposed to antipsychotic drugs. <i>Neuroscience</i> , 2017 , 361, 43-57	3.9	12

125	[P4B62]: EFFECTS OF SPECIFIC NUTRIENTS ON COGNITION AND ALZHEIMER'S DISEASE NEUROPATHOLOGY: THE CASE OF BRANCHED-CHAIN AMINO ACIDS (BCAA) 2017 , 13, P1428-P1429		
124	Association of Neuropathological Markers in the Parietal Cortex With Antemortem Cognitive Function in Persons With Mild Cognitive Impairment and Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017 , 76, 70-88	3.1	19
123	Old age potentiates cold-induced tau phosphorylation: linking thermoregulatory deficit with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017 , 50, 25-29	5.6	22
122	eEF2K inhibition blocks A β 2 neurotoxicity by promoting an NRF2 antioxidant response. <i>Acta Neuropathologica</i> , 2017 , 133, 101-119	14.3	30
121	Tau hyperphosphorylation in the brain of ob/ob mice is due to hypothermia: Importance of thermoregulation in linking diabetes and Alzheimer's disease. <i>Neurobiology of Disease</i> , 2017 , 98, 1-8	7.5	29
120	Cognitive-Enhancing Effects of a Polyphenols-Rich Extract from Fruits without Changes in Neuropathology in an Animal Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 55, 115-135	4.3	33
119	High-fat, high-sugar, and high-cholesterol consumption does not impact tau pathogenesis in a mouse model of Alzheimer's disease-like tau pathology. <i>Neurobiology of Aging</i> , 2016 , 47, 71-73	5.6	18
118	Potential of the bioavailability of blueberry phenolic compounds by co-ingested grape phenolic compounds in mice, revealed by targeted metabolomic profiling in plasma and feces. <i>Food and Function</i> , 2016 , 7, 3421-30	6.1	16
117	O1-04-03: Identification of a Novel Lipid-Related Drug Target to Reactivate Adult Neural Stem Cells in Alzheimer's Disease 2016 , 12, P180-P181		
116	microRNA-132/212 deficiency enhances A β production and senile plaque deposition in Alzheimer's disease triple transgenic mice. <i>Scientific Reports</i> , 2016 , 6, 30953	4.9	66
115	Hypothermia mediates age-dependent increase of tau phosphorylation in db/db mice. <i>Neurobiology of Disease</i> , 2016 , 88, 55-65	7.5	28
114	Spray and freeze drying of human milk on the retention of immunoglobulins (IgA, IgG, IgM). <i>Drying Technology</i> , 2016 , 34, 1801-1809	2.6	16
113	Internalization of targeted quantum dots by brain capillary endothelial cells in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 731-42	7.3	32
112	Immunotherapies in Alzheimer's disease: Too much, too little, too late or off-target?. <i>Acta Neuropathologica</i> , 2016 , 131, 481-504	14.3	25
111	Age-Dependent Regulation of the Blood-Brain Barrier Influx/Efflux Equilibrium of Amyloid- β Peptide in a Mouse Model of Alzheimer's Disease (3xTg-AD). <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 287-300	4.3	38
110	Protective effects of berry polyphenols against age-related cognitive impairment. <i>Nutrition and Aging (Amsterdam, Netherlands)</i> , 2016 , 3, 89-106		22
109	The mTOR Signaling Pathway in Neurodegenerative Diseases 2016 , 85-104		0
108	P4-106: The Pathological Role of TDP-43 and NF-KB in Mild Cognitive Impairment and Alzheimer's Disease 2016 , 12, P1053-P1053		1

107	P3-078: Altered Cerebral Insulin Response in Transgenic Mice Expressing the Epsilon-4 Allele of the Human Apolipoprotein E Gene 2016 , 12, P848-P848		
106	P3-301: Which Neuropathological Marker Correlates Best with Ante-Mortem Cognitive Symptoms? 2016 , 12, P956-P957		
105	P1-016: Sustained Effect of Cold Exposure on TAU Phosphorylation: Relevance for Alzheimer's Disease 2016 , 12, P405-P405		1
104	Partial neurorescue effects of DHA following a 6-OHDA lesion of the mouse dopaminergic system. <i>Journal of Nutritional Biochemistry</i> , 2016 , 30, 133-42	6.3	20
103	Impaired thermoregulation and beneficial effects of thermoneutrality in the 3Tg-AD model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016 , 43, 47-57	5.6	32
102	Age-dependent impairment of glucose tolerance in the 3xTg-AD mouse model of Alzheimer's disease. <i>FASEB Journal</i> , 2015 , 29, 4273-84	0.9	62
101	Human apolipoprotein E e4 expression impairs cerebral vascularization and blood-brain barrier function in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 86-94	7.3	102
100	Response to Comment on Vandal et al. Insulin Reverses the High-Fat Diet-Induced Increase in Brain Aβ and Improves Memory in an Animal Model of Alzheimer Disease. <i>Diabetes</i> 2014;63:4291-4301. <i>Diabetes</i> , 2015 , 64, e18	0.9	2
99	Accumulation of amyloid-β in the cerebellar cortex of essential tremor patients. <i>Neurobiology of Disease</i> , 2015 , 82, 397-408	7.5	9
98	Aberrant Lipid Metabolism in the Forebrain Niche Suppresses Adult Neural Stem Cell Proliferation in an Animal Model of Alzheimer's Disease. <i>Cell Stem Cell</i> , 2015 , 17, 397-411	18	127
97	miR-132/212 deficiency impairs tau metabolism and promotes pathological aggregation in vivo. <i>Human Molecular Genetics</i> , 2015 , 24, 6721-35	5.6	124
96	Cerebrovascular and blood-brain barrier impairments in Huntington's disease: Potential implications for its pathophysiology. <i>Annals of Neurology</i> , 2015 , 78, 160-77	9.4	146
95	Can insulin signaling pathways be targeted to transport Aβ out of the brain?. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 114	5.3	20
94	N-3 polyunsaturated fatty acid and neuroinflammation in aging and Alzheimer's disease. <i>Nutrition and Aging (Amsterdam, Netherlands)</i> , 2015 , 3, 33-47		10
93	The benefit of docosahexaenoic acid for the adult brain in aging and dementia. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 92, 15-22	2.8	57
92	Reduction in DHA transport to the brain of mice expressing human APOE4 compared to APOE2. <i>Journal of Neurochemistry</i> , 2014 , 129, 516-26	6	65
91	Brain uptake of a fluorescent vector targeting the transferrin receptor: a novel application of in situ brain perfusion. <i>Molecular Pharmaceutics</i> , 2014 , 11, 243-53	5.6	26
90	Increased LINGO1 in the cerebellum of essential tremor patients. <i>Movement Disorders</i> , 2014 , 29, 1637-47		35

89	Interaction of transactive response DNA binding protein 43 with nuclear factor κ B in mild cognitive impairment with episodic memory deficits. <i>Acta Neuropathologica Communications</i> , 2014 , 2, 37	7.3	12
88	Insulin reverses the high-fat diet-induced increase in brain A β and improves memory in an animal model of Alzheimer disease. <i>Diabetes</i> , 2014 , 63, 4291-301	0.9	150
87	IVIg protects the 3xTg-AD mouse model of Alzheimer's disease from memory deficit and A β pathology. <i>Journal of Neuroinflammation</i> , 2014 , 11, 54	10.1	51
86	Altered cerebral vascular volumes and solute transport at the blood-brain barriers of two transgenic mouse models of Alzheimer's disease. <i>Neuropharmacology</i> , 2014 , 81, 311-7	5.5	50
85	P2-394: INSULIN REVERSES THE HIGH FAT DIET-INDUCED INCREASE IN BRAIN A β AND IMPROVES MEMORY IN AN ANIMAL MODEL OF ALZHEIMER'S DISEASE 2014 , 10, P623-P623		
84	THE 3XTG-AD MOUSE MODEL OF ALZHEIMER'S DISEASE EXHIBITS AGE-DEPENDENT IMPAIRED GLUCOSE TOLERANCE 2014 , 10, P305-P305		3
83	Specificity of anti-tau antibodies when analyzing mice models of Alzheimer's disease: problems and solutions. <i>PLoS ONE</i> , 2014 , 9, e94251	3.7	77
82	Apolipoprotein E isoforms disrupt long-chain fatty acid distribution in the plasma, the liver and the adipose tissue of mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014 , 91, 261-7	2.8	14
81	The effect of striatal pre-enkephalin overexpression in the basal ganglia of the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine mouse model of Parkinson's disease. <i>European Journal of Neuroscience</i> , 2014 , 40, 2406-16	3.5	7
80	Modulation des lipides du cerveau par l'alimentation: Etudes chez des modèles animaux de maladies neurodégénératives. <i>Cahiers De Nutrition Et De Dietetique</i> , 2014 , 49, 120-125	0.2	1
79	n-3 LCPUFA improves cognition: the young, the old and the sick. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014 , 91, 1-20	2.8	78
78	Brain bioavailability of human intravenous immunoglobulin and its transport through the murine blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 1983-92	7.3	93
77	PAK inactivation impairs social recognition in 3xTg-AD Mice without increasing brain deposition of tau and A β <i>Journal of Neuroscience</i> , 2013 , 33, 10729-40	6.6	27
76	High-fat diet exacerbates MPTP-induced dopaminergic degeneration in mice. <i>Neurobiology of Disease</i> , 2012 , 45, 529-38	7.5	59
75	Dietary intake of unsaturated fatty acids modulates physiological properties of entorhinal cortex neurons in mice. <i>Journal of Neurochemistry</i> , 2012 , 122, 427-43	6	15
74	New highly sensitive rodent and human tests for soluble amyloid precursor protein alpha quantification: preclinical and clinical applications in Alzheimer's disease. <i>BMC Neuroscience</i> , 2012 , 13, 84	3.2	4
73	Impact of intravenous immunoglobulin on the dopaminergic system and immune response in the acute MPTP mouse model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2012 , 9, 234	10.1	12
72	Cognitive and non-cognitive behaviors in the triple transgenic mouse model of Alzheimer's disease expressing mutated APP, PS1, and Mapt (3xTg-AD). <i>Behavioural Brain Research</i> , 2012 , 234, 334-42	3.4	102

71	ABCG2- and ABCG4-mediated efflux of amyloid- β peptide 1-40 at the mouse blood-brain barrier. <i>Journal of Alzheimer's Disease</i> , 2012 , 30, 155-66	4.3	79
70	Defective dentate nucleus GABA receptors in essential tremor. <i>Brain</i> , 2012 , 135, 105-16	11.2	119
69	Chronic dietary intake of linolenic acid does not replicate the effects of DHA on passive properties of entorhinal cortex neurons. <i>British Journal of Nutrition</i> , 2012 , 107, 1099-111	3.6	13
68	Sex-dependent alterations in social behaviour and cortical synaptic activity coincide at different ages in a model of Alzheimer's disease. <i>PLoS ONE</i> , 2012 , 7, e46111	3.7	42
67	Impact of Ω 3 fatty acids in Parkinson's disease. <i>Ageing Research Reviews</i> , 2011 , 10, 453-63	12	80
66	Docosahexaenoic acid-derived neuroprotectin D1 induces neuronal survival via secretase- and PPAR γ -mediated mechanisms in Alzheimer's disease models. <i>PLoS ONE</i> , 2011 , 6, e15816	3.7	174
65	DHA improves cognition and prevents dysfunction of entorhinal cortex neurons in 3xTg-AD mice. <i>PLoS ONE</i> , 2011 , 6, e17397	3.7	125
64	Omega-3 polyunsaturated fatty acids in Alzheimer's disease: key questions and partial answers. <i>Current Alzheimer Research</i> , 2011 , 8, 470-8	3	55
63	Accumulation of transactive response DNA binding protein 43 in mild cognitive impairment and Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011 , 70, 788-98	3.1	53
62	Endogenous conversion of omega-6 into omega-3 fatty acids improves neuropathology in an animal model of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2011 , 27, 853-69	4.3	54
61	Direct evidence of abca1-mediated efflux of cholesterol at the mouse blood-brain barrier. <i>Molecular and Cellular Biochemistry</i> , 2011 , 357, 397-404	4.2	22
60	The role of the MYD88-dependent pathway in MPTP-induced brain dopaminergic degeneration. <i>Journal of Neuroinflammation</i> , 2011 , 8, 137	10.1	27
59	Alzheimer-specific variants in the 3'UTR of Amyloid precursor protein affect microRNA function. <i>Molecular Neurodegeneration</i> , 2011 , 6, 70	19	89
58	Accumulation of dietary docosahexaenoic acid in the brain attenuates acute immune response and development of postischemic neuronal damage. <i>Stroke</i> , 2011 , 42, 2903-9	6.7	66
57	Transgenic conversion of omega-6 into omega-3 fatty acids in a mouse model of Parkinson's disease. <i>Journal of Lipid Research</i> , 2011 , 52, 263-71	6.3	56
56	In vivo labeling of brain capillary endothelial cells after intravenous injection of monoclonal antibodies targeting the transferrin receptor. <i>Molecular Pharmacology</i> , 2011 , 80, 32-9	4.3	58
55	Cystamine metabolism and brain transport properties: clinical implications for neurodegenerative diseases. <i>Journal of Neurochemistry</i> , 2010 , 114, 1651-8	6	38
54	Widespread deficits in adult neurogenesis precede plaque and tangle formation in the 3xTg mouse model of Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2010 , 32, 905-20	3.5	87

53	Cystamine prevents MPTP-induced toxicity in young adult mice via the up-regulation of the brain-derived neurotrophic factor. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010 , 34, 193-203	5.5	28
52	High-fat diet aggravates amyloid-beta and tau pathologies in the 3xTg-AD mouse model. <i>Neurobiology of Aging</i> , 2010 , 31, 1516-31	5.6	208
51	Reduction of the cerebrovascular volume in a transgenic mouse model of Alzheimer's disease. <i>Neuropharmacology</i> , 2009 , 56, 808-13	5.5	78
50	High dietary consumption of trans fatty acids decreases brain docosahexaenoic acid but does not alter amyloid-beta and tau pathologies in the 3xTg-AD model of Alzheimer's disease. <i>Neuroscience</i> , 2009 , 159, 296-307	3.9	45
49	Rapid beta-oxidation of eicosapentaenoic acid in mouse brain: an in situ study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2009 , 80, 157-63	2.8	117
48	Modulation of brain-derived neurotrophic factor as a potential neuroprotective mechanism of action of omega-3 fatty acids in a parkinsonian animal model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009 , 33, 1401-8	5.5	77
47	Diffusion of docosahexaenoic and eicosapentaenoic acids through the blood-brain barrier: An in situ cerebral perfusion study. <i>Neurochemistry International</i> , 2009 , 55, 476-82	4.4	157
46	Sirtuin 1 reduction parallels the accumulation of tau in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009 , 68, 48-58	3.1	299
45	Metabotropic glutamate receptor II in the brains of Parkinsonian patients. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009 , 68, 374-82	3.1	26
44	Beneficial effects of dietary omega-3 polyunsaturated fatty acid on toxin-induced neuronal degeneration in an animal model of Parkinson's disease. <i>FASEB Journal</i> , 2008 , 22, 1213-25	0.9	171
43	L-Dopa treatment abolishes the numerical increase in striatal dopaminergic neurons in parkinsonian monkeys. <i>Journal of Chemical Neuroanatomy</i> , 2008 , 35, 77-84	3.2	22
42	mGluR5 metabotropic glutamate receptors and dyskinesias in MPTP monkeys. <i>Neurobiology of Aging</i> , 2008 , 29, 1040-51	5.6	114
41	Basal ganglia group II metabotropic glutamate receptors specific binding in non-human primate model of L-Dopa-induced dyskinesias. <i>Neuropharmacology</i> , 2008 , 54, 258-68	5.5	45
40	p21-activated kinase-aberrant activation and translocation in Alzheimer disease pathogenesis. <i>Journal of Biological Chemistry</i> , 2008 , 283, 14132-43	5.4	94
39	Can we prevent Parkinson's disease with n-3 polyunsaturated fatty acids?. <i>Future Lipidology</i> , 2008 , 3, 133-137		9
38	Normalization of GABAA receptor specific binding in the substantia nigra reticulata and the prevention of L-dopa-induced dyskinesias in MPTP parkinsonian monkeys. <i>Synapse</i> , 2008 , 62, 101-9	2.4	11
37	Decreased drebrin mRNA expression in Alzheimer disease: correlation with tau pathology. <i>Journal of Neuroscience Research</i> , 2008 , 86, 2292-302	4.4	35
36	Biochemical characterization of Abeta and tau pathologies in mild cognitive impairment and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2007 , 12, 377-90	4.3	58

35	Novel liposomal formulation for targeted gene delivery. <i>Pharmaceutical Research</i> , 2007 , 24, 981-90	4.5	43
34	Neuroprotective action of omega-3 polyunsaturated fatty acids against neurodegenerative diseases: evidence from animal studies. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2007 , 77, 287-93	2.8	192
33	Role of adenosine A2A receptors in parkinsonian motor impairment and l-DOPA-induced motor complications. <i>Progress in Neurobiology</i> , 2007 , 83, 293-309	10.9	123
32	Prevention of levodopa-induced dyskinesias by a selective NR1A/2B N-methyl-D-aspartate receptor antagonist in parkinsonian monkeys: implication of preproenkephalin. <i>Movement Disorders</i> , 2006 , 21, 9-17	7	59
31	Nonpatentable drugs and the cost of our ignorance. <i>Cmaj</i> , 2006 , 174, 483-4	3.5	8
30	Postmortem brain fatty acid profile of levodopa-treated Parkinson disease patients and parkinsonian monkeys. <i>Neurochemistry International</i> , 2006 , 48, 404-14	4.4	87
29	Prevention of dyskinesia by an NMDA receptor antagonist in MPTP monkeys: effect on adenosine A2A receptors. <i>Synapse</i> , 2006 , 60, 239-50	2.4	39
28	Role of p21-activated kinase pathway defects in the cognitive deficits of Alzheimer disease. <i>Nature Neuroscience</i> , 2006 , 9, 234-42	25.5	262
27	Novel pharmacological targets for the treatment of Parkinson's disease. <i>Nature Reviews Drug Discovery</i> , 2006 , 5, 845-54	64.1	229
26	A diet enriched with the omega-3 fatty acid docosahexaenoic acid reduces amyloid burden in an aged Alzheimer mouse model. <i>Journal of Neuroscience</i> , 2005 , 25, 3032-40	6.6	555
25	Dietary n-3 polyunsaturated fatty acid depletion activates caspases and decreases NMDA receptors in the brain of a transgenic mouse model of Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2005 , 22, 617-26	3.5	198
24	Increased adenosine A2A receptors in the brain of Parkinson's disease patients with dyskinesias. <i>Brain</i> , 2004 , 127, 1075-84	11.2	162
23	Relevance of the MPTP primate model in the study of dyskinesia priming mechanisms. <i>Parkinsonism and Related Disorders</i> , 2004 , 10, 297-304	3.6	53
22	Docosahexaenoic acid protects from dendritic pathology in an Alzheimer's disease mouse model. <i>Neuron</i> , 2004 , 43, 633-45	13.9	602
21	Methods of Regulating Alzheimer Pathogenesis: Diet, Oxidative Damage and Inflammation 2004 , 1-16		
20	Changes of GABA receptors and dopamine turnover in the postmortem brains of parkinsonians with levodopa-induced motor complications. <i>Movement Disorders</i> , 2003 , 18, 241-253	7	86
19	Levodopa-induced motor complications are associated with alterations of glutamate receptors in Parkinson's disease. <i>Neurobiology of Disease</i> , 2003 , 14, 404-16	7.5	186
18	Intravenous nonviral gene therapy causes normalization of striatal tyrosine hydroxylase and reversal of motor impairment in experimental parkinsonism. <i>Human Gene Therapy</i> , 2003 , 14, 1-12	4.8	176

17	Synthesis of pegylated immunonanoparticles. <i>Pharmaceutical Research</i> , 2002 , 19, 1137-43	4.5	178
16	Increase of preproenkephalin mRNA levels in the putamen of Parkinson disease patients with levodopa-induced dyskinesias. <i>Journal of Neuropathology and Experimental Neurology</i> , 2002 , 61, 186-96	3.1	107
15	Levodopa response motor complications--GABA receptors and preproenkephalin expression in human brain. <i>Parkinsonism and Related Disorders</i> , 2002 , 8, 449-54	3.6	31
14	Alteration of glutamate receptors in the striatum of dyskinetic 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated monkeys following dopamine agonist treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002 , 26, 127-38	5.5	74
13	Effect of MPTP-induced denervation on basal ganglia GABA(B) receptors: correlation with dopamine concentrations and dopamine transporter. <i>Synapse</i> , 2001 , 40, 225-34	2.4	30
12	Elevated levels of DeltaFosB and RGS9 in striatum in Parkinson's disease. <i>Biological Psychiatry</i> , 2001 , 50, 813-6	7.9	100
11	125I-CGP 64213 binding to GABA(B) receptors in the brain of monkeys: effect of MPTP and dopaminomimetic treatments. <i>Experimental Neurology</i> , 2000 , 163, 191-9	5.7	32
10	Dopamine-receptor stimulation: biobehavioral and biochemical consequences. <i>Trends in Neurosciences</i> , 2000 , 23, S92-100	13.3	70
9	Drugs with estrogen-like potency and brain activity: potential therapeutic application for the CNS. <i>Current Pharmaceutical Design</i> , 2000 , 6, 1287-312	3.3	97
8	Molecular basis of levodopa-induced dyskinesias. <i>Annals of Neurology</i> , 2000 , 47, S70-8	9.4	76
7	Chronic D1 and D2 dopaminomimetic treatment of MPTP-denervated monkeys: effects on basal ganglia GABA(A)/benzodiazepine receptor complex and GABA content. <i>Neurochemistry International</i> , 1999 , 35, 81-91	4.4	41
6	Preproenkephalin mRNA expression in the caudate-putamen of MPTP monkeys after chronic treatment with the D2 agonist U91356A in continuous or intermittent mode of administration: comparison with L-DOPA therapy. <i>Molecular Brain Research</i> , 1997 , 49, 55-62		94
5	Continuous or pulsatile chronic D2 dopamine receptor agonist (U91356A) treatment of drug-naive 4-phenyl-1,2,3,6-tetrahydropyridine monkeys differentially regulates brain D1 and D2 receptor expression: in situ hybridization histochemical analysis. <i>Neuroscience</i> , 1997 , 79, 497-507	3.9	36
4	Changes of D1 and D2 dopamine receptor mRNA in the brains of monkeys lesioned with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine: correction with chronic administration of L-3,4-dihydroxyphenylalanine. <i>Molecular Pharmacology</i> , 1996 , 50, 1073-9	4.3	34
3	Levodopa or D2 agonist induced dyskinesia in MPTP monkeys: correlation with changes in dopamine and GABAA receptors in the striatopallidal complex. <i>Brain Research</i> , 1995 , 680, 43-52	3.7	96
2	Continuous administration decreases and pulsatile administration increases behavioral sensitivity to a novel dopamine D2 agonist (U-91356A) in MPTP-exposed monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1995 , 272, 854-9	4.7	95
1	Sauna-like conditions or menthol treatment reduce tau phosphorylation through mild hyperthermia		1