

Rui D S Prediger

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.

191
papers

6,294
citations

47
h-index

68
g-index

199
ext. papers

7,095
ext. citations

4.7
avg, IF

5.62
L-index

#	Paper	IF	Citations
191	SUMO-modifying Huntington's disease. <i>IBRO Neuroscience Reports</i> , 2022 , 12, 203-209		0
190	Role of toll-like receptor 4 and sex in 6-hydroxydopamine-induced behavioral impairments and neurodegeneration in mice. <i>Neurochemistry International</i> , 2021 , 151, 105215	4.4	1
189	Red wine consumption mitigates the cognitive impairments in low-density lipoprotein receptor knockout (LDLr) mice. <i>Nutritional Neuroscience</i> , 2021 , 24, 978-988	3.6	4
188	Functional interplay between adenosine A receptor and NMDA preconditioning in fear memory and glutamate uptake in the mice hippocampus. <i>Neurobiology of Learning and Memory</i> , 2021 , 180, 107422	3.1	0
187	Exercise decreases aberrant corticostriatal plasticity in an animal model of L-DOPA-induced dyskinesia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R541-R546	3.2	
186	Impaired dopamine metabolism is linked to fatigability in mice and fatigue in Parkinson's disease patients. <i>Brain Communications</i> , 2021 , 3, fcab116	4.5	0
185	Propolis: A useful agent on psychiatric and neurological disorders? A focus on CAPE and pinocembrin components. <i>Medicinal Research Reviews</i> , 2021 , 41, 1195-1215	14.4	3
184	Exposure to paraquat associated with periodontal disease causes motor damage and neurochemical changes in rats. <i>Human and Experimental Toxicology</i> , 2021 , 40, 81-89	3.4	0
183	Switching from high-fat feeding (HFD) to regular diet improves metabolic and behavioral impairments in middle-aged female mice. <i>Behavioural Brain Research</i> , 2021 , 398, 112969	3.4	5
182	The ERK phosphorylation levels in the amygdala predict anxiety symptoms in humans and MEK/ERK inhibition dissociates innate and learned defensive behaviors in rats. <i>Molecular Psychiatry</i> , 2021 ,	15.1	6
181	Antioxidants Improve Oxaliplatin-Induced Peripheral Neuropathy in Tumor-Bearing Mice Model: Role of Spinal Cord Oxidative Stress and Inflammation. <i>Journal of Pain</i> , 2021 , 22, 996-1013	5.2	7
180	Combined effects of caloric restriction and fish oil attenuated anti-depressant and anxiolytic-like effects of fish oil: association with hippocampal BDNF concentrations. <i>Behavioural Brain Research</i> , 2020 , 393, 112770	3.4	0
179	Guanosine Promotes Proliferation in Neural Stem Cells from Hippocampus and Neurogenesis in Adult Mice. <i>Molecular Neurobiology</i> , 2020 , 57, 3814-3826	6.2	5
178	Caffeine Consumption plus Physical Exercise Improves Behavioral Impairments and Stimulates Neuroplasticity in Spontaneously Hypertensive Rats (SHR): an Animal Model of Attention Deficit Hyperactivity Disorder. <i>Molecular Neurobiology</i> , 2020 , 57, 3902-3919	6.2	5
177	Temporal development of neurochemical and cognitive impairments following reserpine administration in rats. <i>Behavioural Brain Research</i> , 2020 , 383, 112517	3.4	4
176	LDL Receptor Deficiency Does not Alter Brain Amyloid- β Levels but Causes an Exacerbation of Apoptosis. <i>Journal of Alzheimer's Disease</i> , 2020 , 73, 585-596	4.3	6
175	Classification algorithms applied to blood-based transcriptome meta-analysis to predict idiopathic Parkinson's disease. <i>Computers in Biology and Medicine</i> , 2020 , 124, 103925	7	3

174	Neuroprotective effects of melatonin against neurotoxicity induced by intranasal sodium dimethyldithiocarbamate administration in mice. <i>NeuroToxicology</i> , 2020 , 80, 144-154	4.4	2
173	Role of Prefrontal Cortex on Recognition Memory Deficits in Rats following 6-OHDA-Induced Lesion. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 8324565	6.7	3
172	Fructose Intake Impairs Cortical Antioxidant Defenses Allied to Hyperlocomotion in Middle-Aged C57BL/6 Female Mice. <i>Neurochemical Research</i> , 2020 , 45, 2868-2883	4.6	2
171	Amygdala levels of the GluA1 subunit of glutamate receptors and its phosphorylation state at serine 845 in the anterior hippocampus are biomarkers of ictal fear but not anxiety. <i>Molecular Psychiatry</i> , 2020 , 25, 655-665	15.1	14
170	Guanosine prevents depressive-like behaviors in rats following bilateral dorsolateral striatum lesion induced by 6-hydroxydopamine. <i>Behavioural Brain Research</i> , 2019 , 372, 112014	3.4	4
169	The influence of chromosome 4 on metabolism and spatial memory in SHR and SLA16 rat strains. <i>Behavioural Brain Research</i> , 2019 , 370, 111966	3.4	0
168	"Special K" Drug on Adolescent Rats: Oxidative Damage and Neurobehavioral Impairments. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 5452727	6.7	7
167	Temporal development of behavioral impairments in rats following locus coeruleus lesion induced by 6-hydroxydopamine: Involvement of Adrenergic receptors. <i>Neuropharmacology</i> , 2019 , 151, 98-111	5.5	3
166	Chronic Metabolic Derangement-Induced Cognitive Deficits and Neurotoxicity Are Associated with REST Inactivation. <i>Molecular Neurobiology</i> , 2019 , 56, 1539-1557	6.2	6
165	Treadmill Exercise Attenuates L-DOPA-Induced Dyskinesia and Increases Striatal Levels of Glial Cell-Derived Neurotrophic Factor (GDNF) in Hemiparkinsonian Mice. <i>Molecular Neurobiology</i> , 2019 , 56, 2944-2951	6.2	14
164	Profiling of how nociceptor neurons detect danger - new and old foes. <i>Journal of Internal Medicine</i> , 2019 , 286, 268-289	10.8	9
163	Animal models of olfactory dysfunction in neurodegenerative diseases. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019 , 164, 431-452	3	6
162	Intranasal administration of sodium dimethyldithiocarbamate induces motor deficits and dopaminergic dysfunction in mice. <i>NeuroToxicology</i> , 2018 , 66, 107-120	4.4	7
161	Lipopolysaccharide-Induced Striatal Nitrosative Stress and Impaired Social Recognition Memory Are Not Magnified by Paraquat Coexposure. <i>Neurochemical Research</i> , 2018 , 43, 745-759	4.6	6
160	Heavy Chronic Ethanol Exposure From Adolescence to Adulthood Induces Cerebellar Neuronal Loss and Motor Function Damage in Female Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 88	3.5	16
159	Repeated cycles of binge-like ethanol exposure induce immediate and delayed neurobehavioral changes and hippocampal dysfunction in adolescent female rats. <i>Behavioural Brain Research</i> , 2018 , 350, 99-108	3.4	19
158	Antidepressant effects of creatine on amyloid β -treated mice: The role of GSK-3 β /Nrf pathway. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 86, 270-278	5.5	10
157	Tetrahydrobiopterin improves hippocampal nitric oxide-linked long-term memory. <i>Molecular Genetics and Metabolism</i> , 2018 , 125, 104-111	3.7	8

156	Glucose Homeostasis Is Not Affected in a Murine Model of Parkinson's Disease Induced by 6-OHDA. <i>Frontiers in Neuroscience</i> , 2018 , 12, 1020	5.1	5
155	Atorvastatin Prevents Early Oxidative Events and Modulates Inflammatory Mediators in the Striatum Following Intranasal 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) Administration in Rats. <i>Neurotoxicity Research</i> , 2018 , 33, 549-559	4.3	6
154	The Use of Object Recognition Task in Animal Models of Attention-Deficit Hyperactivity Disorder. <i>Handbook of Behavioral Neuroscience</i> , 2018 , 27, 341-357	0.7	1
153	New Developments on the Adenosine Mechanisms of the Central Effects of Caffeine and Their Implications for Neuropsychiatric Disorders. <i>Journal of Caffeine and Adenosine Research</i> , 2018 , 8, 121-131	1.6	29
152	Promises of Caffeine in Attention-Deficit/Hyperactivity Disorder: From Animal Models to Clinical Practice. <i>Journal of Caffeine and Adenosine Research</i> , 2018 , 8, 131-142	1.6	6
151	The Gender-Biased Effects of Intranasal MPTP Administration on Anhedonic- and Depressive-Like Behaviors in C57BL/6 Mice: the Role of Neurotrophic Factors. <i>Neurotoxicity Research</i> , 2018 , 34, 808-819	4.3	9
150	Agmatine attenuates depressive-like behavior and hippocampal oxidative stress following amyloid β (A β -40) administration in mice. <i>Behavioural Brain Research</i> , 2018 , 353, 51-56	3.4	18
149	Long-Term Neurobehavioral Consequences of a Single Ketamine Neonatal Exposure in Rats: Effects on Cellular Viability and Glutamate Transport in Frontal Cortex and Hippocampus. <i>Neurotoxicity Research</i> , 2018 , 34, 649-659	4.3	13
148	Succinobucol, a Non-Statins Hypocholesterolemic Drug, Prevents Premotor Symptoms and Nigrostriatal Neurodegeneration in an Experimental Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 1513-1530	6.2	7
147	Moderate traumatic brain injury increases the vulnerability to neurotoxicity induced by systemic administration of 6-hydroxydopamine in mice. <i>Brain Research</i> , 2017 , 1663, 78-86	3.7	11
146	Developmental exposure to glyphosate-based herbicide and depressive-like behavior in adult offspring: Implication of glutamate excitotoxicity and oxidative stress. <i>Toxicology</i> , 2017 , 387, 67-80	4.4	81
145	Ursolic acid affords antidepressant-like effects in mice through the activation of PKA, PKC, CAMK-II and MEK1/2. <i>Pharmacological Reports</i> , 2017 , 69, 1240-1246	3.9	17
144	Acyl ghrelin improves cognition, synaptic plasticity deficits and neuroinflammation following amyloid β (A β -40) administration in mice. <i>Journal of Neuroendocrinology</i> , 2017 , 29,	3.8	32
143	The effects of physical exercise on nonmotor symptoms and on neuroimmune RAGE network in experimental parkinsonism. <i>Journal of Applied Physiology</i> , 2017 , 123, 161-171	3.7	6
142	Caffeine alleviates progressive motor deficits in a transgenic mouse model of spinocerebellar ataxia. <i>Annals of Neurology</i> , 2017 , 81, 407-418	9.4	15
141	Neuropsychological functioning and brain energetics of drug resistant mesial temporal lobe epilepsy patients. <i>Epilepsy Research</i> , 2017 , 138, 26-31	3	4
140	Angiotensin II type 1/adenosine A receptor oligomers: a novel target for tardive dyskinesia. <i>Scientific Reports</i> , 2017 , 7, 1857	4.9	8
139	Methamphetamine Induces Anhedonic-Like Behavior and Impairs Frontal Cortical Energetics in Mice. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 119-126	6.8	9

138	Running for REST: Physical activity attenuates neuroinflammation in the hippocampus of aged mice. <i>Brain, Behavior, and Immunity</i> , 2017 , 61, 31-35	16.6	23
137	Blockade of hippocampal bradykinin B1 receptors improves spatial learning and memory deficits in middle-aged rats. <i>Behavioural Brain Research</i> , 2017 , 316, 74-81	3.4	12
136	Guanosine Prevents Anhedonic-Like Behavior and Impairment in Hippocampal Glutamate Transport Following Amyloid- β Administration in Mice. <i>Molecular Neurobiology</i> , 2017 , 54, 5482-5496	6.2	30
135	Behavioral and Neurochemical Consequences of Pentylentetrazol-Induced Kindling in Young and Middle-Aged Rats. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	11
134	Periodontitis and Alzheimer's Disease: A Possible Comorbidity between Oral Chronic Inflammatory Condition and Neuroinflammation. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 327	5.3	69
133	Moderate-Intensity Physical Exercise Protects Against Experimental 6-Hydroxydopamine-Induced Hemiparkinsonism Through Nrf2-Antioxidant Response Element Pathway. <i>Neurochemical Research</i> , 2016 , 41, 64-72	4.6	55
132	Exercise Improves Cognitive Impairment and Dopamine Metabolism in MPTP-Treated Mice. <i>Neurotoxicity Research</i> , 2016 , 29, 118-25	4.3	24
131	Temporal Dissociation of Striatum and Prefrontal Cortex Uncouples Anhedonia and Defense Behaviors Relevant to Depression in 6-OHDA-Lesioned Rats. <i>Molecular Neurobiology</i> , 2016 , 53, 3891-3899	6.2	20
130	Agmatine attenuates reserpine-induced oral dyskinesia in mice: Role of oxidative stress, nitric oxide and glutamate NMDA receptors. <i>Behavioural Brain Research</i> , 2016 , 312, 64-76	3.4	18
129	Caffeine Mitigates the Locomotor Hyperactivity in Middle-aged Low-density Lipoprotein Receptor (LDLr)-Knockout Mice. <i>CNS Neuroscience and Therapeutics</i> , 2016 , 22, 420-2	6.8	4
128	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. <i>Epilepsy and Behavior</i> , 2016 , 55, 92-100	3.2	34
127	High sucrose consumption induces memory impairment in rats associated with electrophysiological modifications but not with metabolic changes in the hippocampus. <i>Neuroscience</i> , 2016 , 315, 196-205	3.9	18
126	Neopterin acts as an endogenous cognitive enhancer. <i>Brain, Behavior, and Immunity</i> , 2016 , 56, 156-64	16.6	17
125	Ethnobotany, phytochemistry and neuropharmacological effects of <i>Petiveria alliacea</i> L. (Phytolaccaceae): A review. <i>Journal of Ethnopharmacology</i> , 2016 , 185, 182-201	5	31
124	Decreased synaptic plasticity in the medial prefrontal cortex underlies short-term memory deficits in 6-OHDA-lesioned rats. <i>Behavioural Brain Research</i> , 2016 , 301, 43-54	3.4	20
123	CX3CR1 Disruption Differentially Influences Dopaminergic Neuron Degeneration in Parkinsonian Mice Depending on the Neurotoxin and Route of Administration. <i>Neurotoxicity Research</i> , 2016 , 29, 364-80	4.3	10
122	Melatonergic System in Parkinson's Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 3472032	6.7	52
121	Chronic Alcohol Intoxication and Cortical Ischemia: Study of Their Comorbidity and the Protective Effects of Minocycline. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 1341453	6.7	20

120	The cannabinoid CB2 receptor-specific agonist AM1241 increases pentylentetrazole-induced seizure severity in Wistar rats. <i>Epilepsy Research</i> , 2016 , 127, 160-167	3	18
119	SUMO-regulated mitochondrial function in Parkinson's disease. <i>Journal of Neurochemistry</i> , 2016 , 137, 673-86	6	33
118	Variables associated with physical health-related quality of life in Parkinson's disease patients presenting for deep brain stimulation. <i>Neurological Sciences</i> , 2016 , 37, 1831-1837	3.5	7
117	Developmental exposure to manganese induces lasting motor and cognitive impairment in rats. <i>NeuroToxicology</i> , 2015 , 50, 28-37	4.4	32
116	Effects of Agmatine on Depressive-Like Behavior Induced by Intracerebroventricular Administration of 1-Methyl-4-phenylpyridinium (MPP(+)). <i>Neurotoxicity Research</i> , 2015 , 28, 222-31	4.3	35
115	Chronic ethanol exposure during adolescence through early adulthood in female rats induces emotional and memory deficits associated with morphological and molecular alterations in hippocampus. <i>Journal of Psychopharmacology</i> , 2015 , 29, 712-24	4.6	48
114	Atorvastatin Prevents Cognitive Deficits Induced by Intracerebroventricular Amyloid- β -40 Administration in Mice: Involvement of Glutamatergic and Antioxidant Systems. <i>Neurotoxicity Research</i> , 2015 , 28, 32-42	4.3	24
113	Adenosine A1 receptor activation modulates N-methyl-d-aspartate (NMDA) preconditioning phenotype in the brain. <i>Behavioural Brain Research</i> , 2015 , 282, 103-10	3.4	12
112	Improved neuroprotective effects of resveratrol-loaded polysorbate 80-coated poly(lactide) nanoparticles in MPTP-induced Parkinsonism. <i>Nanomedicine</i> , 2015 , 10, 1127-38	5.6	73
111	Influence of environmental enrichment vs. time-of-day on behavioral repertoire of male albino Swiss mice. <i>Neurobiology of Learning and Memory</i> , 2015 , 125, 63-72	3.1	14
110	The Olfactory System as a Route of Delivery for Agents to the Brain and Circulation 2015 , 453-484		4
109	Nitric oxide, a new player in L-DOPA-induced dyskinesia?. <i>Frontiers in Bioscience - Elite</i> , 2015 , 7, 168-92	1.6	9
108	Effects of Hypericum perforatum on turning behavior in an animal model of Parkinson's disease. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015 , 51, 111-115	1.8	9
107	Region-specific alterations of AMPA receptor phosphorylation and signaling pathways in the pilocarpine model of epilepsy. <i>Neurochemistry International</i> , 2015 , 87, 22-33	4.4	27
106	Adenosine A2A Receptor-Mediated Control of Non-Motor Functions in Parkinson's Disease. <i>Current Topics in Neurotoxicity</i> , 2015 , 183-205		
105	Depression as a Glial-Based Synaptic Dysfunction. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 521	6.1	111
104	A single neurotoxic dose of methamphetamine induces a long-lasting depressive-like behaviour in mice. <i>Neurotoxicity Research</i> , 2014 , 25, 295-304	4.3	31
103	Minocycline mitigates motor impairments and cortical neuronal loss induced by focal ischemia in rats chronically exposed to ethanol during adolescence. <i>Brain Research</i> , 2014 , 1561, 23-34	3.7	31

102	Hypercholesterolemia induces short-term spatial memory impairments in mice: up-regulation of acetylcholinesterase activity as an early and causal event?. <i>Journal of Neural Transmission</i> , 2014 , 121, 415-26	4.3	23
101	Prevalence of headache in patients with Parkinson's disease and its association with the side of motor symptom onset. <i>Neurological Sciences</i> , 2014 , 35, 595-600	3.5	9
100	Limited predictive power of hospitalization variables for long-term cognitive prognosis in adult patients with severe traumatic brain injury. <i>Journal of Neuropsychology</i> , 2014 , 8, 125-39	2.6	15
99	Cellular prion protein is present in dopaminergic neurons and modulates the dopaminergic system. <i>European Journal of Neuroscience</i> , 2014 , 40, 2479-86	3.5	12
98	Antidepressant- and anxiolytic-like activities of an oil extract of propolis in rats. <i>Phytomedicine</i> , 2014 , 21, 1466-72	6.5	18
97	Posttraumatic amnesia and personality changes after severe traumatic brain injury: preliminary findings. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 479-82	6.8	8
96	Increased susceptibility to amyloid- β -induced neurotoxicity in mice lacking the low-density lipoprotein receptor. <i>Journal of Alzheimer's Disease</i> , 2014 , 41, 43-60	4.3	38
95	Interaction of curcumin with manganese may compromise metal and neurotransmitter homeostasis in the hippocampus of young mice. <i>Biological Trace Element Research</i> , 2014 , 158, 399-409	4.5	11
94	Cellular prion protein (PrP(C)) modulates ethanol-induced behavioral adaptive changes in mice. <i>Behavioural Brain Research</i> , 2014 , 271, 325-32	3.4	4
93	Effects of exercise on mitochondrial function, neuroplasticity and anxio-depressive behavior of mice. <i>Neuroscience</i> , 2014 , 271, 56-63	3.9	54
92	Evaluation of nigrostriatal neurodegeneration and neuroinflammation following repeated intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) administration in mice, an experimental model of Parkinson's disease. <i>Neurotoxicity Research</i> , 2014 , 25, 24-32	4.3	20
91	Chronic ethanol exposure during adolescence in rats induces motor impairments and cerebral cortex damage associated with oxidative stress. <i>PLoS ONE</i> , 2014 , 9, e101074	3.7	47
90	Behavioral phenotyping of Parkin-deficient mice: looking for early preclinical features of Parkinson's disease. <i>PLoS ONE</i> , 2014 , 9, e114216	3.7	73
89	Effects of pentylentetrazole kindling on mitogen-activated protein kinases levels in neocortex and hippocampus of mice. <i>Neurochemical Research</i> , 2014 , 39, 2492-500	4.6	11
88	Role of hormonal levels on hospital mortality for male patients with severe traumatic brain injury. <i>Brain Injury</i> , 2014 , 28, 1262-9	2.1	9
87	Six weeks of voluntary exercise don't protect C57BL/6 mice against neurotoxicity of MPTP and MPP(+). <i>Neurotoxicity Research</i> , 2014 , 25, 147-52	4.3	21
86	Role of agmatine in neurodegenerative diseases and epilepsy. <i>Frontiers in Bioscience - Elite</i> , 2014 , 6, 341-50	5.0	12
85	Dopaminergic Neurons in Parkinson's Disease 2014 , 753-788		1

84	Manganese-exposed developing rats display motor deficits and striatal oxidative stress that are reversed by Trolox. <i>Archives of Toxicology</i> , 2013 , 87, 1231-44	5.8	62
83	Parkin-knockout mice did not display increased vulnerability to intranasal administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). <i>Neurotoxicity Research</i> , 2013 , 24, 280-7	4.3	18
82	Spatial memory impairments in a prediabetic rat model. <i>Neuroscience</i> , 2013 , 250, 565-77	3.9	67
81	Exercise attenuates levodopa-induced dyskinesia in 6-hydroxydopamine-lesioned mice. <i>Neuroscience</i> , 2013 , 243, 46-53	3.9	30
80	Functional interaction between pre-synaptic α -containing nicotinic and adenosine A _{2A} receptors in the control of dopamine release in the rat striatum. <i>British Journal of Pharmacology</i> , 2013 , 169, 1600-11	8.6	23
79	Effects of lifestyle modifications on cognitive impairments in a mouse model of hypercholesterolemia. <i>Neuroscience Letters</i> , 2013 , 541, 193-8	3.3	13
78	Ethanol extract from bulbs of <i>Cipura paludosa</i> reduced long-lasting learning and memory deficits induced by prenatal methylmercury exposure in rats. <i>Developmental Cognitive Neuroscience</i> , 2013 , 3, 1-10	5.5	11
77	Role of nicotine on cognitive and behavioral deficits in sepsis-surviving rats. <i>Brain Research</i> , 2013 , 1507, 74-82	3.7	9
76	Spatial reference memory deficits precede motor dysfunction in an experimental autoimmune encephalomyelitis model: the role of kallikrein-kinin system. <i>Brain, Behavior, and Immunity</i> , 2013 , 33, 90-101	16.6	29
75	Mechanisms involved in abdominal nociception induced by either TRPV1 or TRPA1 stimulation of rat peritoneum. <i>European Journal of Pharmacology</i> , 2013 , 714, 332-44	5.3	11
74	Neuropeptide Y (NPY) prevents depressive-like behavior, spatial memory deficits and oxidative stress following amyloid- β (1-40) administration in mice. <i>Behavioural Brain Research</i> , 2013 , 244, 107-15	3.4	62
73	Platelet oxygen consumption as a peripheral blood marker of brain energetics in a mouse model of severe neurotoxicity. <i>Journal of Bioenergetics and Biomembranes</i> , 2013 , 45, 449-57	3.7	10
72	Atorvastatin improves cognitive, emotional and motor impairments induced by intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) administration in rats, an experimental model of Parkinson's disease. <i>Brain Research</i> , 2013 , 1513, 103-16	3.7	41
71	Brain MAPKs levels are differentially associated with seizures threshold and severity progression in pentylenetetrazole-kindled mice. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 726-9	6.8	1
70	Effects of ethanolic extract and naphthoquinones obtained from the bulbs of <i>Cipura paludosa</i> on short-term and long-term memory: involvement of adenosine A ₁ and A _{2A} receptors. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013 , 112, 229-35	3.1	5
69	Ghrelin as a neuroprotective and palliative agent in Alzheimer's and Parkinson's disease. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6773-90	3.3	39
68	Plasma levels of oxidative stress biomarkers and long-term cognitive performance after severe head injury. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 606-8	6.8	8
67	Intranasal administration of neurotoxicants in animals: support for the olfactory vector hypothesis of Parkinson's disease. <i>Neurotoxicity Research</i> , 2012 , 21, 90-116	4.3	64

66	Antidepressant-like effect of ursolic acid isolated from <i>Rosmarinus officinalis</i> L. in mice: evidence for the involvement of the dopaminergic system. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 204-11	3.9	65
65	Neuroprotective effects of agmatine in mice infused with a single intranasal administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). <i>Behavioural Brain Research</i> , 2012 , 235, 263-72	3.4	32
64	Psychiatric disorders and health-related quality of life after severe traumatic brain injury: a prospective study. <i>Journal of Neurotrauma</i> , 2012 , 29, 1029-37	5.4	77
63	Anxiety in Parkinson's disease: a critical review of experimental and clinical studies. <i>Neuropharmacology</i> , 2012 , 62, 115-24	5.5	136
62	Overexpression of cellular prion protein (PrP(C)) prevents cognitive dysfunction and apoptotic neuronal cell death induced by amyloid- β administration in mice. <i>Neuroscience</i> , 2012 , 215, 79-89	3.9	17
61	Lithium and valproate prevent olfactory discrimination and short-term memory impairments in the intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) rat model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2012 , 229, 208-15	3.4	58
60	Plasma levels of oxidative stress biomarkers and hospital mortality in severe head injury: a multivariate analysis. <i>Journal of Critical Care</i> , 2012 , 27, 523.e11-9	4	42
59	<i>Rosmarinus officinalis</i> L. hydroalcoholic extract, similar to fluoxetine, reverses depressive-like behavior without altering learning deficit in olfactory bulbectomized mice. <i>Journal of Ethnopharmacology</i> , 2012 , 143, 158-69	5	47
58	Disruption of striatal glutamatergic/GABAergic homeostasis following acute methamphetamine in mice. <i>Neurotoxicology and Teratology</i> , 2012 , 34, 522-9	3.9	18
57	In vivo manganese exposure modulates Erk, Akt and Darpp-32 in the striatum of developing rats, and impairs their motor function. <i>PLoS ONE</i> , 2012 , 7, e33057	3.7	68
56	Does methylmercury-induced hypercholesterolemia play a causal role in its neurotoxicity and cardiovascular disease?. <i>Toxicological Sciences</i> , 2012 , 130, 373-82	4.4	34
55	Age-related cognitive decline in hypercholesterolemic LDL receptor knockout mice (LDLR ^{-/-}): evidence of antioxidant imbalance and increased acetylcholinesterase activity in the prefrontal cortex. <i>Journal of Alzheimer's Disease</i> , 2012 , 32, 495-511	4.3	45
54	Interleukin-10 is an independent biomarker of severe traumatic brain injury prognosis. <i>NeuroImmunoModulation</i> , 2012 , 19, 377-85	2.5	51
53	Glucose-dependent insulinotropic peptide receptor expression in the hippocampus and neocortex of mesial temporal lobe epilepsy patients and rats undergoing pilocarpine induced status epilepticus. <i>Peptides</i> , 2011 , 32, 781-9	3.8	16
52	Molecular aspects involved in swimming exercise training reducing anhedonia in a rat model of depression. <i>Neuroscience</i> , 2011 , 192, 661-74	3.9	84
51	Positive correlation between elevated plasma cholesterol levels and cognitive impairments in LDL receptor knockout mice: relevance of cortico-cerebral mitochondrial dysfunction and oxidative stress. <i>Neuroscience</i> , 2011 , 197, 99-106	3.9	71
50	The intranasal administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP): a new rodent model to test palliative and neuroprotective agents for Parkinson's disease. <i>Current Pharmaceutical Design</i> , 2011 , 17, 489-507	3.3	61
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