Rui D S Prediger

List of Publications by Year
in descending order

194	7,867	36203	69108
papers	citations	51 h-index	77 g-index

199	199	199	10440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Connecting TNF-Â Signaling Pathways to iNOS Expression in a Mouse Model of Alzheimer's Disease: Relevance for the Behavioral and Synaptic Deficits Induced by Amyloid Â Protein. Journal of Neuroscience, 2007, 27, 5394-5404.	1.7	265
2	Short bouts of mild-intensity physical exercise improve spatial learning and memory in aging rats: Involvement of hippocampal plasticity via AKT, CREB and BDNF signaling. Mechanisms of Ageing and Development, 2011, 132, 560-567.	2.2	219
3	Caffeine reverses age-related deficits in olfactory discrimination and social recognition memory in rats. Neurobiology of Aging, 2005, 26, 957-964.	1.5	215
4	The cannabinoid receptor agonist WIN 55,212-2 facilitates the extinction of contextual fear memory and spatial memory in rats. Psychopharmacology, 2006, 188, 641-649.	1.5	176
5	Anxiety in Parkinsonâ€™s disease: A critical review of experimental and clinical studies. Neuropharmacology, 2012, 62, 115-124.	2.0	167
6	Adenosine receptor antagonists for cognitive dysfunction: a review of animal studies. Frontiers in Bioscience - Landmark, 2008, 13, 2614.	3.0	156
7	Developmental exposure to glyphosate-based herbicide and depressive-like behavior in adult offspring: Implication of glutamate excitotoxicity and oxidative stress. Toxicology, 2017, 387, 67-80.	2.0	137
8	Depression as a Glial-Based Synaptic Dysfunction. Frontiers in Cellular Neuroscience, 2015, 9, 521.	1.8	134
9	Effects of Caffeine in Parkinson's Disease: From Neuroprotection to the Management of Motor and Non-Motor Symptoms. Journal of Alzheimer's Disease, 2010, 20, S205-S220.	1.2	128
10	Molecular aspects involved in swimming exercise training reducing anhedonia in a rat model of depression. Neuroscience, 2011, 192, 661-674.	1.1	116
11	Caffeine improves spatial learning deficits in an animal model of attention deficit hyperactivity disorder (ADHD) â€“ the spontaneously hypertensive rat (SHR). International Journal of Neuropsychopharmacology, 2005, 8, 583.	1.0	112
12	Periodontitis and Alzheimerâ€™s Disease: A Possible Comorbidity between Oral Chronic Inflammatory Condition and Neuroinflammation. Frontiers in Aging Neuroscience, 2017, 9, 327.	1.7	108
13	Single Intranasal Administration of 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine in C57BL/6 Mice Models Early Preclinical Phase of Parkinsonâ€™s Disease. Neurotoxicity Research, 2010, 17, 114-129.	1.3	105
14	Psychiatric Disorders and Health-Related Quality of Life after Severe Traumatic Brain Injury: A Prospective Study. Journal of Neurotrauma, 2012, 29, 1029-1037.	1.7	104
15	The role of TNF-Î± signaling pathway on COX-2 upregulation and cognitive decline induced by Î²-amyloid peptide. Behavioural Brain Research, 2010, 209, 165-173.	1.2	100
16	The risk is in the air: Intranasal administration of MPTP to rats reproducing clinical features of Parkinson's disease. Experimental Neurology, 2006, 202, 391-403.	2.0	99
17	Improved neuroprotective effects of resveratrol-loaded polysorbate 80-coated poly(lactide) nanoparticles in MPTP-induced Parkinsonism. Nanomedicine, 2015, 10, 1127-1138.	1.7	99
18	Effects of Traumatic Brain Injury of Different Severities on Emotional, Cognitive, and Oxidative Stress-Related Parameters in Mice. Journal of Neurotrauma, 2010, 27, 1883-1893.	1.7	95

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19	Atorvastatin prevents hippocampal cell death, neuroinflammation and oxidative stress following amyloid-Î²1â€“40 administration in mice: Evidence for dissociation between cognitive deficits and neuronal damage. Experimental Neurology, 2010, 226, 274-284.	2.0	94
20	Behavioral Phenotyping of Parkin-Deficient Mice: Looking for Early Preclinical Features of Parkinson's Disease. PLoS ONE, 2014, 9, e114216.	1.1	94
21	Blockade of adenosine A2A receptors reverses short-term social memory impairments in spontaneously hypertensive rats. Behavioural Brain Research, 2005, 159, 197-205.	1.2	92
22	Positive correlation between elevated plasma cholesterol levels and cognitive impairments in LDL receptor knockout mice: relevance of cortico-cerebral mitochondrial dysfunction and oxidative stress. Neuroscience, 2011, 197, 99-106.	1.1	86
23	Activation of Adenosine A1 Receptors Reduces Anxiety-Like Behavior During Acute Ethanol Withdrawal (Hangover) in Mice. Neuropsychopharmacology, 2006, 31, 2210-2220.	2.8	83
24	Antidepressant-like effect of ursolic acid isolated from Rosmarinus officinalis L. in mice: Evidence for the involvement of the dopaminergic system. Pharmacology Biochemistry and Behavior, 2012, 103, 204-211.	1.3	83
25	Spatial memory impairments in a prediabetic rat model. Neuroscience, 2013, 250, 565-577.	1.1	80
26	Differential susceptibility following Î²-amyloid peptide-(1â€“40) administration in C57BL/6 and Swiss albino mice: Evidence for a dissociation between cognitive deficits and the glutathione system response. Behavioural Brain Research, 2007, 177, 205-213.	1.2	79
27	Neuropeptide Y (NPY) prevents depressive-like behavior, spatial memory deficits and oxidative stress following amyloid-Î² (AÎ²1â€“40) administration in mice. Behavioural Brain Research, 2013, 244, 107-115.	1.2	78
28	Adenosine receptor antagonists improve short-term object-recognition ability of spontaneously hypertensive rats: a rodent model of attention-deficit hyperactivity disorder. Behavioural Pharmacology, 2009, 20, 134-145.	0.8	76
29	Intranasal Administration of Neurotoxicants in Animals: Support for the Olfactory Vector Hypothesis of Parkinsonâ€™s Disease. Neurotoxicity Research, 2012, 21, 90-116.	1.3	76
30	Manganese-exposed developing rats display motor deficits and striatal oxidative stress that are reversed by Trolox. Archives of Toxicology, 2013, 87, 1231-1244.	1.9	76
31	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. Current Pharmaceutical Design, 2011, 17, 489-507.	0.9	75
32	In Vivo Manganese Exposure Modulates Erk, Akt and Darpp-32 in the Striatum of Developing Rats, and Impairs Their Motor Function. PLoS ONE, 2012, 7, e33057.	1.1	75
33	Folic Acid Plus Î±-Tocopherol Mitigates Amyloid-Î²-Induced Neurotoxicity through Modulation of Mitochondrial Complexes Activity1. Journal of Alzheimer's Disease, 2011, 24, 61-75.	1.2	74
34	Effects of exercise on mitochondrial function, neuroplasticity and anxio-depressive behavior of mice. Neuroscience, 2014, 271, 56-63.	1.1	72
35	Modulation of short-term social memory in rats by adenosine A1 and A2A receptors. Neuroscience Letters, 2005, 376, 160-165.	1.0	70
36	Genetic deletion or antagonism of kinin B1 and B2 receptors improves cognitive deficits in a mouse model of Alzheimer's disease. Neuroscience, 2008, 151, 631-643.	1.1	70

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37	Environmental enrichment improves cognitive deficits in Spontaneously Hypertensive Rats (SHR): Relevance for Attention Deficit/Hyperactivity Disorder (ADHD). Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1153-1160.	2.5	69
38	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. Behavioural Brain Research, 2012, 229, 208-215.	1.2	67
39	Interleukin-10 Is an Independent Biomarker of Severe Traumatic Brain Injury Prognosis. NeuroImmunoModulation, 2012, 19, 377-385.	0.9	66
40	Melatoninergic System in Parkinsonâ€™s Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-31.	1.9	64
41	Moderate-Intensity Physical Exercise Protects Against Experimental 6-Hydroxydopamine-Induced Hemiparkinsonism Through Nrf2-Antioxidant Response Element Pathway. Neurochemical Research, 2016, 41, 64-72.	1.6	64
42	Role of the Macrophage Inflammatory Protein-1Î±/CC Chemokine Receptor 5 Signaling Pathway in the Neuroinflammatory Response and Cognitive Deficits Induced by Î²-Amyloid Peptide. American Journal of Pathology, 2009, 175, 1586-1597.	1.9	60
43	Chronic ethanol exposure during adolescence through early adulthood in female rats induces emotional and memory deficits associated with morphological and molecular alterations in hippocampus. Journal of Psychopharmacology, 2015, 29, 712-724.	2.0	60
44	Adenosine A1 receptors modulate the anxiolytic-like effect of ethanol in the elevated plus-maze in mice. European Journal of Pharmacology, 2004, 499, 147-154.	1.7	58
45	Ethnobotany, phytochemistry and neuropharmacological effects of Petiveria alliacea L. (Phytolaccaceae): A review. Journal of Ethnopharmacology, 2016, 185, 182-201.	2.0	58
46	Rosmarinus officinalis L. hydroalcoholic extract, similar to fluoxetine, reverses depressive-like behavior without altering learning deficit in olfactory bulbectomized mice. Journal of Ethnopharmacology, 2012, 143, 158-169.	2.0	57
47	Chronic Ethanol Exposure during Adolescence in Rats Induces Motor Impairments and Cerebral Cortex Damage Associated with Oxidative Stress. PLoS ONE, 2014, 9, e101074.	1.1	57
48	Downhill training upregulates mice hippocampal and striatal brain-derived neurotrophic factor levels. Journal of Neural Transmission, 2008, 115, 1251-1255.	1.4	55
49	Plasma levels of oxidative stress biomarkers and hospital mortality in severe head injury: A multivariate analysis. Journal of Critical Care, 2012, 27, 523.e11-523.e19.	1.0	55
50	Antagonistic interaction between adenosine A2A and dopamine D2 receptors modulates the social recognition memory in reserpine-treated rats. Behavioural Pharmacology, 2005, 16, 209-218.	0.8	54
51	Physical exercise improves motor and short-term social memory deficits in reserpinized rats. Brain Research Bulletin, 2009, 79, 452-457.	1.4	54
52	Proanthocyanidin-rich fraction from Croton celtidifolius Baill confers neuroprotection in the intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine rat model of Parkinsonâ€™s disease. Journal of Neural Transmission, 2010, 117, 1337-1351.	1.4	53
53	Age-Related Cognitive Decline in Hypercholesterolemic LDL Receptor Knockout Mice (LDLrâ^'/â^'): Evidence of Antioxidant Imbalance and Increased Acetylcholinesterase Activity in the Prefrontal Cortex. Journal of Alzheimer's Disease, 2012, 32, 495-511.	1.2	53
54	<scp>SUMO</scp>â€regulated mitochondrial function in Parkinson's disease. Journal of Neurochemistry, 2016, 137, 673-686.	2.1	53

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55	Role of the glucose-dependent insulinotropic polypeptide and its receptor in the central nervous system: therapeutic potential in neurological diseases. Behavioural Pharmacology, 2010, 21, 394-408.	0.8	51
56	Involvement of phosphoinositide 3-kinase Î³ in the neuro-inflammatory response and cognitive impairments induced by Î²-amyloid 1â€“40 peptide in mice. Brain, Behavior, and Immunity, 2010, 24, 493-501.	2.0	50
57	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. Brain Research, 2013, 1513, 103-116.	1.1	49
58	Increased Susceptibility to Amyloid-Î²-Induced Neurotoxicity in Mice Lacking the Low-Density Lipoprotein Receptor. Journal of Alzheimer's Disease, 2014, 41, 43-60.	1.2	48
59	High-intensity physical exercise disrupts implicit memory in mice: involvement of the striatal glutathione antioxidant system and intracellular signaling. Neuroscience, 2010, 171, 1216-1227.	1.1	47
60	Ghrelin as a Neuroprotective and Palliative Agent in Alzheimer's and Parkinson's Disease. Current Pharmaceutical Design, 2013, 19, 6773-6790.	0.9	47
61	Acyl ghrelin improves cognition, synaptic plasticity deficits and neuroinflammation following amyloid Î² (AÎ²1â€40) administration in mice. Journal of Neuroendocrinology, 2017, 29, .	1.2	47
62	Increased sensitivity of adolescent spontaneously hypertensive rats, an animal model of attention deficit hyperactivity disorder, to the locomotor stimulation induced by the cannabinoid receptor agonist WIN 55,212-2. European Journal of Pharmacology, 2007, 563, 141-148.	1.7	44
63	Effects of acute administration of the hydroalcoholic extract of mate tea leaves (Ilex paraguariensis) in animal models of learning and memory. Journal of Ethnopharmacology, 2008, 120, 465-473.	2.0	44
64	Does Methylmercury-Induced Hypercholesterolemia Play a Causal Role in Its Neurotoxicity and Cardiovascular Disease?. Toxicological Sciences, 2012, 130, 373-382.	1.4	44
65	Developmental exposure to manganese induces lasting motor and cognitive impairment in rats. NeuroToxicology, 2015, 50, 28-37.	1.4	43
66	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. Epilepsy and Behavior, 2016, 55, 92-100.	0.9	43
67	Effects of Agmatine on Depressive-Like Behavior Induced by Intracerebroventricular Administration of 1-Methyl-4-phenylpyridinium (MPP+). Neurotoxicity Research, 2015, 28, 222-231.	1.3	42
68	Blockade of adenosine and dopamine receptors inhibits the development of rapid tolerance to ethanol in mice. Psychopharmacology, 2005, 181, 714-721.	1.5	41
69	New Developments on the Adenosine Mechanisms of the Central Effects of Caffeine and Their Implications for Neuropsychiatric Disorders. Journal of Caffeine and Adenosine Research, 2018, 8, 121-130.	0.8	41
70	Cellular prion protein modulates defensive attention and innate fear-induced behaviour evoked in transgenic mice submitted to an agonistic encounter with the tropical coral snake Oxyrhopus guibei. Behavioural Brain Research, 2008, 194, 129-137.	1.2	40
71	Minocycline mitigates motor impairments and cortical neuronal loss induced by focal ischemia in rats chronically exposed to ethanol during adolescence. Brain Research, 2014, 1561, 23-34.	1.1	40
72	Ethanol improves short-term social memory in rats. Involvement of opioid and muscarinic receptors. European Journal of Pharmacology, 2003, 462, 115-123.	1.7	39

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73	Hospital Mortality of Patients with Severe Traumatic Brain Injury is Associated with Serum PTX3 Levels. Neurocritical Care, 2011, 14, 194-199.	1.2	39
74	Neuroprotective effects of agmatine in mice infused with a single intranasal administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Behavioural Brain Research, 2012, 235, 263-272.	1.2	39
75	Guanosine Prevents Anhedonic-Like Behavior and Impairment in Hippocampal Glutamate Transport Following Amyloid-Î²1â€“40 Administration in Mice. Molecular Neurobiology, 2017, 54, 5482-5496.	1.9	39
76	Chronic caffeine treatment during prepubertal period confers long-term cognitive benefits in adult spontaneously hypertensive rats (SHR), an animal model of attention deficit hyperactivity disorder (ADHD). Behavioural Brain Research, 2010, 215, 39-44.	1.2	38
77	Spatial reference memory deficits precede motor dysfunction in an experimental autoimmune encephalomyelitis model: The role of kallikreinâ€“kinin system. Brain, Behavior, and Immunity, 2013, 33, 90-101.	2.0	37
78	Facilitation of short-term social memory by ethanol in rats is mediated by dopaminergic receptors. Behavioural Brain Research, 2004, 153, 149-157.	1.2	36
79	Pilocarpine improves olfactory discrimination and social recognition memory deficits in 24 month-old rats. European Journal of Pharmacology, 2006, 531, 176-182.	1.7	36
80	Cellular prion protein modulates age-related behavioral and neurochemical alterations in mice. Neuroscience, 2009, 164, 896-907.	1.1	36
81	Hypercholesterolemia induces short-term spatial memory impairments in mice: up-regulation of acetylcholinesterase activity as an early and causal event?. Journal of Neural Transmission, 2014, 121, 415-426.	1.4	36
82	Risk is in the Air. Annals of the New York Academy of Sciences, 2009, 1170, 629-636.	1.8	35
83	Exercise attenuates levodopa-induced dyskinesia in 6-hydroxydopamine-lesioned mice. Neuroscience, 2013, 243, 46-53.	1.1	35
84	A Single Neurotoxic Dose of Methamphetamine Induces a Long-Lasting Depressive-Like Behaviour in Mice. Neurotoxicity Research, 2014, 25, 295-304.	1.3	35
85	Mice with genetic deletion of the heparin-binding growth factor midkine exhibit early preclinical features of Parkinsonâ€™s disease. Journal of Neural Transmission, 2011, 118, 1215-1225.	1.4	34
86	Running for REST: Physical activity attenuates neuroinflammation in the hippocampus of aged mice. Brain, Behavior, and Immunity, 2017, 61, 31-35.	2.0	34
87	Region-specific alterations of AMPA receptor phosphorylation and signaling pathways in the pilocarpine model of epilepsy. Neurochemistry International, 2015, 87, 22-33.	1.9	33
88	Repeated cycles of binge-like ethanol exposure induce immediate and delayed neurobehavioral changes and hippocampal dysfunction in adolescent female rats. Behavioural Brain Research, 2018, 350, 99-108.	1.2	33
89	Functional interaction between preâ€synaptic <scp>Î±6Î²2</scp>â€containing nicotinic and adenosine <scp>A_{2A}</scp> receptors in the control of dopamine release in the rat striatum. British Journal of Pharmacology, 2013, 169, 1600-1611.	2.7	29
90	Antidepressant- and anxiolytic-like activities of an oil extract of propolis in rats. Phytomedicine, 2014, 21, 1466-1472.	2.3	29

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91	Temporal Dissociation of Striatum and Prefrontal Cortex Uncouples Anhedonia and Defense Behaviors Relevant to Depression in 6-OHDA-Lesioned Rats. Molecular Neurobiology, 2016, 53, 3891-3899.	1.9	29
92	Exercise Improves Cognitive Impairment and Dopamine Metabolism in MPTP-Treated Mice. Neurotoxicity Research, 2016, 29, 118-125.	1.3	28
93	Decreased synaptic plasticity in the medial prefrontal cortex underlies short-term memory deficits in 6-OHDA-lesioned rats. Behavioural Brain Research, 2016, 301, 43-54.	1.2	27
94	The exercise redox paradigm in the Downâ€™s syndrome: improvements in motor function and increases in blood oxidative status in young adults. Journal of Neural Transmission, 2008, 115, 1643-1650.	1.4	26
95	Central nervous system activity of the proanthocyanidin-rich fraction obtained from Croton celtidifolius in rats. Journal of Pharmacy and Pharmacology, 2010, 62, 1061-1068.	1.2	26
96	Antioxidant responses and lipid peroxidation following intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) administration in rats: increased susceptibility of olfactory bulb. Life Sciences, 2007, 80, 1906-1914.	2.0	25
97	Atorvastatin Prevents Cognitive Deficits Induced by Intracerebroventricular Amyloid-Î²1â€“40 Administration in Mice: Involvement of Glutamatergic and Antioxidant Systems. Neurotoxicity Research, 2015, 28, 32-42.	1.3	25
98	The cannabinoid CB2 receptor-specific agonist AM1241 increases pentylenetetrazole-induced seizure severity in Wistar rats. Epilepsy Research, 2016, 127, 160-167.	0.8	24
99	Agmatine attenuates reserpine-induced oral dyskinesia in mice: Role of oxidative stress, nitric oxide and glutamate NMDA receptors. Behavioural Brain Research, 2016, 312, 64-76.	1.2	24
100	Heavy Chronic Ethanol Exposure From Adolescence to Adulthood Induces Cerebellar Neuronal Loss and Motor Function Damage in Female Rats. Frontiers in Behavioral Neuroscience, 2018, 12, 88.	1.0	24
101	Overexpression of cellular prion protein (PrPC) prevents cognitive dysfunction and apoptotic neuronal cell death induced by amyloid-Î² (AÎ²1â€“40) administration in mice. Neuroscience, 2012, 215, 79-89.	1.1	23
102	Six Weeks of Voluntary Exercise donâ€™t Protect C57BL/6 Mice Against Neurotoxicity of MPTP and MPP+. Neurotoxicity Research, 2014, 25, 147-152.	1.3	23
103	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 Parkinsonâ€™s Disease. Neurotoxicity Research, 2014, 25, 24-32.	1.3	23
104	Chronic Alcohol Intoxication and Cortical Ischemia: Study of Their Comorbidity and the Protective Effects of Minocycline. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-10.	1.9	23
105	Agmatine attenuates depressive-like behavior and hippocampal oxidative stress following amyloid Î² (AÎ²1-40) administration in mice. Behavioural Brain Research, 2018, 353, 51-56.	1.2	23
106	High sucrose consumption induces memory impairment in rats associated with electrophysiological modifications but not with metabolic changes in the hippocampus. Neuroscience, 2016, 315, 196-205.	1.1	22
107	Neopterin acts as an endogenous cognitive enhancer. Brain, Behavior, and Immunity, 2016, 56, 156-164.	2.0	22
108	Ursolic acid affords antidepressant-like effects in mice through the activation of PKA, PKC, CAMK-II and MEK1/2. Pharmacological Reports, 2017, 69, 1240-1246.	1.5	22

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109	Treadmill Exercise Attenuates l-DOPA-Induced Dyskinesia and Increases Striatal Levels of Glial Cell-Derived Neurotrophic Factor (GDNF) in Hemiparkinsonian Mice. Molecular Neurobiology, 2019, 56, 2944-2951.	1.9	22
110	Altered emotionality leads to increased pain tolerance in amyloid Î² (AÎ²1â€“40) peptide-treated mice. Behavioural Brain Research, 2010, 212, 96-102.	1.2	21
111	Disruption of striatal glutamatergic/GABAergic homeostasis following acute methamphetamine in mice. Neurotoxicology and Teratology, 2012, 34, 522-529.	1.2	21
112	Parkin-Knockout Mice did not Display Increased Vulnerability to Intranasal Administration of 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Neurotoxicity Research, 2013, 24, 280-287.	1.3	21
113	The Gender-Biased Effects of Intranasal MPTP Administration on Anhedonic- and Depressive-Like Behaviors in C57BL/6 Mice: the Role of Neurotrophic Factors. Neurotoxicity Research, 2018, 34, 808-819.	1.3	21
114	Influence of environmental enrichment vs. time-of-day on behavioral repertoire of male albino Swiss mice. Neurobiology of Learning and Memory, 2015, 125, 63-72.	1.0	20
115	Behavioral and Neurochemical Consequences of Pentylenetetrazol-Induced Kindling in Young and Middle-Aged Rats. Pharmaceuticals, 2017, 10, 75.	1.7	20
116	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. Molecular Psychiatry, 2020, 25, 655-665.	4.1	20
117	Role of agmatine in neurodegenerative diseases and epilepsy. Frontiers in Bioscience - Elite, 2014, 6, 341-359.	0.9	20
118	A New Naphthoquinone Isolated from the Bulbs ofCipura paludosaand Pharmacological Activity of Two Main Constituents. Planta Medica, 2011, 77, 1035-1043.	0.7	19
119	Caffeine alleviates progressive motor deficits in a transgenic mouse model of spinocerebellar ataxia. Annals of Neurology, 2017, 81, 407-418.	2.8	19
120	Classification algorithms applied to blood-based transcriptome meta-analysis to predict idiopathic Parkinson's disease. Computers in Biology and Medicine, 2020, 124, 103925.	3.9	19
121	Antioxidants Improve Oxaliplatin-Induced Peripheral Neuropathy in Tumor-Bearing Mice Model: Role of Spinal Cord Oxidative Stress and Inflammation. Journal of Pain, 2021, 22, 996-1013.	0.7	19
122	Glucose-dependent insulinotropic peptide receptor expression in the hippocampus and neocortex of mesial temporal lobe epilepsy patients and rats undergoing pilocarpine induced status epilepticus. Peptides, 2011, 32, 781-789.	1.2	18
123	Effects of lifestyle modifications on cognitive impairments in a mouse model of hypercholesterolemia. Neuroscience Letters, 2013, 541, 193-198.	1.0	18
124	Long-Term Neurobehavioral Consequences of a Single Ketamine Neonatal Exposure in Rats: Effects on Cellular Viability and Glutamate Transport in Frontal Cortex and Hippocampus. Neurotoxicity Research, 2018, 34, 649-659.	1.3	18
125	Profiling of how nociceptor neurons detect danger â€“ new and old foes. Journal of Internal Medicine, 2019, 286, 268-289.	2.7	18
126	Limited predictive power of hospitalization variables for longâ€term cognitive prognosis in adult patients with severe traumatic brain injury. Journal of Neuropsychology, 2014, 8, 125-139.	0.6	17

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127	Prevalence of headache in patients with Parkinsonâ€™s disease and its association with the side of motor symptom onset. Neurological Sciences, 2014, 35, 595-600.	0.9	16
128	LDL Receptor Deficiency Does not Alter Brain Amyloid-Î² Levels but Causes an Exacerbation of Apoptosis. Journal of Alzheimer's Disease, 2020, 73, 585-596.	1.2	16
129	Guanosine Promotes Proliferation in Neural Stem Cells from Hippocampus and Neurogenesis in Adult Mice. Molecular Neurobiology, 2020, 57, 3814-3826.	1.9	16
130	Propolis: AÂuseful agent on psychiatric and neurological disorders? A focus on CAPE and pinocembrin components. Medicinal Research Reviews, 2021, 41, 1195-1215.	5.0	16
131	Cipura paludosa attenuates long-term behavioral deficits in rats exposed to methylmercury during early development. Ecotoxicology and Environmental Safety, 2010, 73, 1150-1158.	2.9	15
132	Cellular prion protein is present in dopaminergic neurons and modulates the dopaminergic system. European Journal of Neuroscience, 2014, 40, 2479-2486.	1.2	15
133	CX3CR1 Disruption Differentially Influences Dopaminergic Neuron Degeneration in Parkinsonian Mice Depending on the Neurotoxin and Route of Administration. Neurotoxicity Research, 2016, 29, 364-380.	1.3	15
134	Blockade of hippocampal bradykinin B1 receptors improves spatial learning and memory deficits in middle-aged rats. Behavioural Brain Research, 2017, 316, 74-81.	1.2	15
135	Antidepressant effects of creatine on amyloid Î²1â€“40-treated mice: The role of GSK-3Î²/Nrf2 pathway. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 86, 270-278.	2.5	15
136	â€œSpecial Kâ€•Drug on Adolescent Rats: Oxidative Damage and Neurobehavioral Impairments. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10.	1.9	15
137	The ERK phosphorylation levels in the amygdala predict anxiety symptoms in humans and MEK/ERK inhibition dissociates innate and learned defensive behaviors in rats. Molecular Psychiatry, 2021, 26, 7257-7269.	4.1	15
138	Nitric Oxide a new player in L-DOPA-induced dyskinesia. Frontiers in Bioscience - Elite, 2015, 7, 193-221.	0.9	13
139	Adenosine A1 receptor activation modulates N-methyl-d-aspartate (NMDA) preconditioning phenotype in the brain. Behavioural Brain Research, 2015, 282, 103-110.	1.2	13
140	Tetrahydrobiopterin improves hippocampal nitric oxide-linked long-term memory. Molecular Genetics and Metabolism, 2018, 125, 104-111.	0.5	13
141	Caffeine Consumption plus Physical Exercise Improves Behavioral Impairments and Stimulates Neuroplasticity in Spontaneously Hypertensive Rats (SHR): an Animal Model of Attention Deficit Hyperactivity Disorder. Molecular Neurobiology, 2020, 57, 3902-3919.	1.9	13
142	Ethanolic extract from bulbs of Cipura paludosa reduced long-lasting learning and memory deficits induced by prenatal methylmercury exposure in rats. Developmental Cognitive Neuroscience, 2013, 3, 1-10.	1.9	12
143	Role of nicotine on cognitive and behavioral deficits in sepsis-surviving rats. Brain Research, 2013, 1507, 74-82.	1.1	12
144	Mechanisms involved in abdominal nociception induced by either TRPV1 or TRPA1 stimulation of rat peritoneum. European Journal of Pharmacology, 2013, 714, 332-344.	1.7	12

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145	Platelet oxygen consumption as a peripheral blood marker of brain energetics in a mouse model of severe neurotoxicity. Journal of Bioenergetics and Biomembranes, 2013, 45, 449-457.	1.0	12
146	Role of hormonal levels on hospital mortality for male patients with severe traumatic brain injury. Brain Injury, 2014, 28, 1262-1269.	0.6	12
147	Interaction of Curcumin with Manganese May Compromise Metal and Neurotransmitter Homeostasis in the Hippocampus of Young Mice. Biological Trace Element Research, 2014, 158, 399-409.	1.9	12
148	Moderate traumatic brain injury increases the vulnerability to neurotoxicity induced by systemic administration of 6-hydroxydopamine in mice. Brain Research, 2017, 1663, 78-86.	1.1	12
149	Methamphetamine Induces Anhedonicâ€Like Behavior and Impairs Frontal Cortical Energetics in Mice. CNS Neuroscience and Therapeutics, 2017, 23, 119-126.	1.9	12
150	Chronic Metabolic Derangement-Induced Cognitive Deficits and Neurotoxicity Are Associated with REST Inactivation. Molecular Neurobiology, 2019, 56, 1539-1557.	1.9	12
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