Gonzalo Flores

List of Publications by Year
in descending order

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180	4,656	101384	143772
papers	citations	36 h-index	57 g-index

184	184	184	5006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Decreased dendritic spine density on prefrontal cortical and hippocampal pyramidal neurons in postweaning social isolation rats. Brain Research, 2003, 983, 128-136.	1.1	298
2	Prenatal stress alters spine density and dendritic length of nucleus accumbens and hippocampus neurons in rat offspring. Synapse, 2009, 63, 794-804.	0.6	164
3	Maternal separation disrupts dendritic morphology of neurons in prefrontal cortex, hippocampus, and nucleus accumbens in male rat offspring. Journal of Chemical Neuroanatomy, 2010, 40, 93-101.	1.0	138
4	Alzheimer's disease and metabolic syndrome: A link from oxidative stress and inflammation to neurodegeneration. Synapse, 2017, 71, e21990.	0.6	131
5	Enhanced Amphetamine Sensitivity and Increased Expression of Dopamine D2 Receptors in Postpubertal Rats after Neonatal Excitotoxic Lesions of the Medial Prefrontal Cortex. Journal of Neuroscience, 1996, 16, 7366-7375.	1.7	115
6	Alteration in dendritic morphology of cortical neurons in rats with diabetes mellitus induced by streptozotocin. Brain Research, 2005, 1048, 108-115.	1.1	98
7	Morphological reorganization after repeated corticosterone administration in the hippocampus, nucleus accumbens and amygdala in the rat. Journal of Chemical Neuroanatomy, 2009, 38, 266-272.	1.0	95
8	Rearrangement of the dendritic morphology in limbic regions and altered exploratory behavior in a rat model of autism spectrum disorder. Neuroscience, 2013, 241, 170-187.	1.1	84
9	Lewis and Fischer rats: a comparison of dopamine transporter and receptors levels. Brain Research, 1998, 814, 34-40.	1.1	83
10	Alterations in dendritic morphology of the prefrontal cortical and striatum neurons in the unilateral 6-OHDA-rat model of Parkinson's disease. Synapse, 2007, 61, 450-458.	0.6	81
11	Ontogeny of altered dendritic morphology in the rat prefrontal cortex, hippocampus, and nucleus accumbens following Cesarean delivery and birth anoxia. Journal of Comparative Neurology, 2008, 507, 1734-1747.	0.9	77
12	Neonatal ventral hippocampal lesions attenuate the nucleus accumbens dopamine response to stress: an electrochemical study in the adult rat. Brain Research, 1999, 831, 25-32.	1.1	73
13	A high calorie diet causes memory loss, metabolic syndrome and oxidative stress into hippocampus and temporal cortex of rats. Synapse, 2015, 69, 421-433.	0.6	73
14	Neurotensin polyplex as an efficient carrier for delivering the human GDNF gene into nigral dopamine neurons of hemiparkinsonian rats. Molecular Therapy, 2006, 14, 857-865.	3.7	68
15	Postweaning social isolation enhances morphological changes in the neonatal ventral hippocampal lesion rat model of psychosis. Journal of Chemical Neuroanatomy, 2008, 35, 179-187.	1.0	68
16	Neuronal and brain morphological changes in animal models of schizophrenia. Behavioural Brain Research, 2016, 301, 190-203.	1.2	68
17	Activation of subthalamic neurons produces NMDA receptor-mediated dendritic dopamine release in substantia nigra pars reticulata: a microdialysis study in the rat. Brain Research, 1994, 645, 335-337.	1.1	64
18	Comparative behavioral changes between male and female postpubertal rats following neonatal excitotoxic lesions of the ventral hippocampus. Brain Research, 2003, 973, 285-292.	1.1	63

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19	Functional foods in pet nutrition: Focus on dogs and cats. Research in Veterinary Science, 2017, 112, 161-166.	0.9	60
20	Sleep deprivation induces differential morphological changes in the hippocampus and prefrontal cortex in young and old rats. Synapse, 2015, 69, 15-25.	0.6	57
21	Astrocyte-mediated switch in spike timing-dependent plasticity during hippocampal development. Nature Communications, 2020, 11, 4388.	5.8	55
22	Chronic administration of the neurotrophic agent cerebrolysin ameliorates the behavioral and morphological changes induced by neonatal ventral hippocampus lesion in a rat model of schizophrenia. Journal of Neuroscience Research, 2012, 90, 288-306.	1.3	54
23	Chronic administration of resveratrol prevents morphological changes in prefrontal cortex and hippocampus of aged rats. Synapse, 2016, 70, 206-217.	0.6	49
24	Role of neuropeptide Y Y1 and Y2 receptors on behavioral despair in a rat model of depression with co-morbid anxiety. Neuropharmacology, 2012, 62, 200-208.	2.0	48
25	Clozapine administration reverses behavioral, neuronal, and nitric oxide disturbances in the neonatal ventral hippocampus rat. Neuropharmacology, 2012, 62, 1848-1857.	2.0	46
26	Mushroom spine dynamics in medium spiny neurons of dorsal striatum associated with memory of moderate and intense training. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6516-E6525.	3.3	46
27	Alteration in dendritic morphology of pyramidal neurons from the prefrontal cortex of rats with renovascular hypertension. Brain Research, 2004, 1021, 112-118.	1.1	45
28	Neonatal ventral hippocampus lesion alters the dopamine content in the limbic regions in postpubertal rats. International Journal of Developmental Neuroscience, 2004, 22, 103-111.	0.7	44
29	Combined administration of cerebrolysin and donepezil induces plastic changes in prefrontal cortex in aged mice. Synapse, 2012, 66, 938-949.	0.6	44
30	Neonatal caffeine administration causes a permanent increase in the dendritic length of prefrontal cortical neurons of rats. Synapse, 2006, 60, 450-455.	0.6	41
31	Comparative behavioral changes in postpubertal rats after neonatal excitotoxic lesions of the ventral hippocampus and the prefrontal cortex. Synapse, 2005, 56, 147-153.	0.6	40
32	An organelle proteomic method to study neurotransmissionâ€related proteins, applied to a neurodevelopmental model of schizophrenia. Proteomics, 2007, 7, 3569-3579.	1.3	40
33	Dendritic morphology of neurons in medial prefrontal cortex, hippocampus, and nucleus accumbens in adult SH rats. Synapse, 2011, 65, 198-206.	0.6	40
34	Adenosine Receptor-Mediated Developmental Loss of Spike Timing-Dependent Depression in the Hippocampus. Cerebral Cortex, 2019, 29, 3266-3281.	1.6	40
35	The increase in Zinc levels and upregulation of Zinc transporters are mediated by nitric oxide in the cerebral cortex after transient ischemia in the rat. Brain Research, 2008, 1200, 89-98.	1.1	39
36	Enhanced dendritic spine number of neurons of the prefrontal cortex, hippocampus, and nucleus accumbens in old rats after chronic donepezil administration. Synapse, 2010, 64, 786-793.	0.6	39

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37	Presynaptic kainate receptorâ€mediated facilitation of glutamate release involves Ca²⁺â€“calmodulin at mossy fiberâ€“CA3 synapses. Journal of Neurochemistry, 2012, 122, 891-899.	2.1	38
38	The chronic administration of cerebrolysin induces plastic changes in the prefrontal cortex and dentate gyrus in aged mice. Synapse, 2011, 65, 1128-1135.	0.6	37
39	Strain differences of dopamine receptor levels and dopamine related behaviors in rats. Brain Research Bulletin, 2005, 65, 339-347.	1.4	36
40	Kainate Receptors. Neuroscientist, 2014, 20, 29-43.	2.6	36
41	Neuronal changes after chronic high blood pressure in animal models and its implication for vascular dementia. Synapse, 2016, 70, 198-205.	0.6	36
42	5-Hydroxytryptamine increases spontaneous activity of subthalamic neurons in the rat. Neuroscience Letters, 1995, 192, 17-20.	1.0	32
43	Decreased dendritic spine density of neurons of the prefrontal cortex and nucleus accumbens and enhanced amphetamine sensitivity in postpubertal rats after a neonatal amygdala lesion. Synapse, 2009, 63, 1143-1153.	0.6	32
44	Activation of D1 receptors stimulates accumulation of Î³-aminobutyric acid in slices of the pars reticulata of 6-hydroxydopamine-lesioned rats. Neuroscience Letters, 1992, 145, 40-42.	1.0	31
45	Cloning and in situ hybridization analysis of the expression of polysialyltransferase mRNA in the developing and adult rat brain. Molecular Brain Research, 1997, 51, 69-81.	2.5	31
46	Non-canonical Mechanisms of Presynaptic Kainate Receptors Controlling Glutamate Release. Frontiers in Molecular Neuroscience, 2018, 11, 128.	1.4	31
47	Anoxia at birth induced hyperresponsiveness to amphetamine and stress in postpubertal rats. Brain Research, 2003, 992, 281-287.	1.1	30
48	Curcuma treatment prevents cognitive deficit and alteration of neuronal morphology in the limbic system of aging rats. Synapse, 2017, 71, e21952.	0.6	30
49	Neonatal ventral hippocampus lesion induces increase in no levels which is attenuated by subchronic haloperidol treatment. Synapse, 2010, 64, 941-947.	0.6	29
50	Cerebrolysin prevents deficits in social behavior, repetitive conduct, and synaptic inhibition in a rat model of autism. Journal of Neuroscience Research, 2017, 95, 2456-2468.	1.3	29
51	Risperidone Ameliorates Prefrontal Cortex Neural Atrophy and Oxidative/Nitrosative Stress in Brain and Peripheral Blood of Rats with Neonatal Ventral Hippocampus Lesion. Journal of Neuroscience, 2019, 39, 8584-8599.	1.7	29
52	Appearance of EMG activity and motor asymmetry after unilateral lesions of the dopaminergic innervation to the subthalamic nucleus in the rat. Neuroscience Letters, 1993, 162, 153-156.	1.0	28
53	Noradrenaline increases the firing rate of a subpopulation of rat subthalamic neurones through the activation of Î±1-adrenoceptors. Neuropharmacology, 2003, 45, 1070-1079.	2.0	28
54	Cerebrolysin improves memory and ameliorates neuronal atrophy in spontaneously hypertensive, aged rats. Synapse, 2016, 70, 378-389.	0.6	28

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55	Metabolic syndrome causes recognition impairments and reduced hippocampal neuronal plasticity in rats. Journal of Chemical Neuroanatomy, 2017, 82, 65-75.	1.0	28
56	The Administration of Cadmium for 2, 3 and 4 Months Causes a Loss of Recognition Memory, Promotes Neuronal Hypotrophy and Apoptosis in the Hippocampus of Rats. Neurochemical Research, 2019, 44, 485-497.	1.6	28
57	Energy Drink Administration in Combination with Alcohol Causes an Inflammatory Response and Oxidative Stress in the Hippocampus and Temporal Cortex of Rats. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	1.9	27
58	Exploring the Dendritic Spine Pathology in a Schizophrenia-related Neurodevelopmental Animal Model. Neuroscience, 2019, 396, 36-45.	1.1	27
59	Alterations in dendritic morphology of hippocampal neurons in adult rats after neonatal administration ofN-omega-nitro-L-arginine. Synapse, 2007, 61, 785-789.	0.6	26
60	In vivo mitochondrial inhibition alters corticostriatal synaptic function and the modulatory effects of neurotrophins. Neuroscience, 2014, 280, 156-170.	1.1	26
61	Electroencephalographic activity in neonatal ventral hippocampus lesion in adult rats. Synapse, 2012, 66, 738-746.	0.6	25
62	M3 muscarinic receptors mediate cholinergic excitation of the spontaneous activity of subthalamic neurons in the rat. Neuroscience Letters, 1996, 203, 203-206.	1.0	24
63	Neonatal administration of N-omega-nitro-l-arginine induces permanent decrease in NO levels and hyperresponsiveness to locomotor activity by d-amphetamine in postpubertal rats. Neuropharmacology, 2008, 55, 1313-1320.	2.0	24
64	Chronic cerebrolysin administration attenuates neuronal abnormalities in the basolateral amygdala induced by neonatal ventral hippocampus lesion in the rat. Synapse, 2014, 68, 31-38.	0.6	24
65	Unilateral injection of AÎ²_{25â€“35} in the hippocampus reduces the number of dendritic spines in hyperglycemic rats. Synapse, 2014, 68, 585-594.	0.6	23
66	Prefrontal cortex, hippocampus, and basolateral amygdala plasticity in a rat model of autism spectrum. Synapse, 2014, 68, 468-473.	0.6	23
67	Amphetamine sensitization alters hippocampal neuronal morphology and memory and learning behaviors. Molecular Psychiatry, 2021, 26, 4784-4794.	4.1	23
68	Olfactory bulbectomy alters NMDA receptor levels in the rat prefrontal cortex. Synapse, 2000, 37, 159-162.	0.6	22
69	Dendritic morphology on neurons from prefrontal cortex, hippocampus, and nucleus accumbens is altered in adult male mice exposed to repeated low dose of malathion. Synapse, 2008, 62, 283-290.	0.6	22
70	Circadian and ultradian rhythms in the crayfish caudal photoreceptor. Synapse, 2008, 62, 643-652.	0.6	22
71	The neuropeptideâ€12 improves recognition memory and neuronal plasticity of the limbic system in old rats. Synapse, 2018, 72, e22036.	0.6	22
72	Gallic acid improves recognition memory and decreases oxidativeâ€inflammatory damage in the rat hippocampus with metabolic syndrome. Synapse, 2021, 75, e22186.	0.6	22

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73	Neurotransmitter Levels in Cerebrospinal Fluid in Relation to Severity of Symptoms and Response to Medical Therapy in Parkinson's Disease. Stereotactic and Functional Neurosurgery, 1994, 62, 90-97.	0.8	21
74	Functional and autoradiographic characterization of dopamine D2-like receptors in the guinea pig heart. Canadian Journal of Physiology and Pharmacology, 2002, 80, 578-587.	0.7	20
75	Effects of birth insult and stress at adulthood on excitatory amino acid receptors in adult rat brain. Synapse, 2004, 54, 138-146.	0.6	20
76	Cerebrolysin reverses hippocampal neural atrophy in a mice model of diabetes mellitus type 1. Synapse, 2015, 69, 326-335.	0.6	20
77	The Effects of Non-selective Dopamine Receptor Activation by Apomorphine in the Mouse Hippocampus. Molecular Neurobiology, 2018, 55, 8625-8636.	1.9	20
78	Neurogenesis and morphological-neural alterations closely related to amyloid Î²-peptide (25â€“35)-induced memory impairment in male rats. Neuropeptides, 2018, 67, 9-19.	0.9	20
79	Apamin induces plastic changes in hippocampal neurons in senile Sprague–Dawley rats. Synapse, 2011, 65, 1062-1072.	0.6	19
80	Prenatal immune challenge induces behavioral deficits, neuronal remodeling, and increases brain nitric oxide and zinc levels in the male rat offspring. Neuroscience, 2019, 406, 594-605.	1.1	19
81	The treatment of Goji berry (Lycium barbarum) improves the neuroplasticity of the prefrontal cortex and hippocampus in aged rats. Journal of Nutritional Biochemistry, 2020, 83, 108416.	1.9	19
82	Chronic restraint stress induces anxiety-like behavior and remodeling of dendritic spines in the central nucleus of the amygdala. Behavioural Brain Research, 2022, 416, 113523.	1.2	19
83	Kainate receptor–mediated depression of glutamatergic transmission involving protein kinase A in the lateral amygdala. Journal of Neurochemistry, 2012, 121, 36-43.	2.1	18
84	Consequences of diabetes mellitus on neuronal connectivity in limbic regions. Synapse, 2019, 73, e22082.	0.6	18
85	The prefrontal cortex as a target for atypical antipsychotics in schizophrenia, lessons of neurodevelopmental animal models. Progress in Neurobiology, 2021, 199, 101967.	2.8	18
86	Pregnancy improves cognitive deficit and neuronal morphology atrophy in the prefrontal cortex and hippocampus of aging spontaneously hypertensive rats. Synapse, 2017, 71, e21991.	0.6	17
87	Effects of metformin on recognition memory and hippocampal neuroplasticity in rats with metabolic syndrome. Synapse, 2020, 74, e22153.	0.6	17
88	The Potential of Cerebrolysin in the Treatment of Schizophrenia. Pharmacology & Pharmacy, 2014, 05, 691-704.	0.2	17
89	Olfactory bulbectomy induces neuronal rearrangement in the entorhinal cortex in the rat. Journal of Chemical Neuroanatomy, 2013, 52, 80-86.	1.0	16
90	The effects of amphetamine exposure on juvenile rats on the neuronal morphology of the limbic system at prepubertal, pubertal and postpubertal ages. Journal of Chemical Neuroanatomy, 2016, 77, 68-77.	1.0	16

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91	Curcuma longa L. extract improves the cortical neural connectivity during the aging process. Neural Regeneration Research, 2017, 12, 875.	1.6	16
92	Dexamethasone induces different morphological changes in the dorsal and ventral hippocampus of rats. Journal of Chemical Neuroanatomy, 2013, 47, 71-78.	1.0	15
93	Neonatal olfactory bulbectomy enhances locomotor activity, exploratory behavior and binding of NMDA receptors in pre-pubertal rats. Neuroscience, 2014, 259, 84-93.	1.1	15
94	The aminoestrogen prolame increases recognition memory and hippocampal neuronal spine density in aged mice. Synapse, 2017, 71, e21987.	0.6	15
95	Pharmacological activation of dopamine D4 receptor modulates morphine-induced changes in the expression of GAD65/67 and GABAB receptors in the basal ganglia. Neuropharmacology, 2019, 152, 22-29.	2.0	15
96	New insights on nitric oxide: Focus on animal models of schizophrenia. Behavioural Brain Research, 2021, 409, 113304.	1.2	15
97	Enhanced apomorphine sensitivity and increased binding of dopamine D₂ receptors in nucleus accumbens in prepubertal rats after neonatal blockade of the dopamine D₃ receptors by (+)â€514297. Synapse, 2008, 62, 40-49.	0.6	14
98	Chronic administration of nicotine enhances NMDA-activated currents in the prefrontal cortex and core part of the nucleus accumbens of rats. Synapse, 2014, 68, 248-256.	0.6	14
99	Juvenile stress causes reduced locomotor behavior and dendritic spine density in the prefrontal cortex and basolateral amygdala in Sprague–Dawley rats. Synapse, 2019, 73, e22066.	0.6	14
100	Enhanced binding of dopamine D1receptors in caudate-putamen subregions in High-Yawning Sprague-Dawley rats. Synapse, 2005, 56, 69-73.	0.6	13
101	Cesarean plus anoxia at birth induces hyperresponsiveness to locomotor activity by dopamine D2 agonist. Synapse, 2005, 58, 236-242.	0.6	13
102	Diurnal rhythm in the levels of the serotonin 5-HT1A receptors in the crayfish eyestalk. Synapse, 2006, 59, 368-373.	0.6	13
103	Serotonin-caused phase shift of circadian rhythmicity in a photosensitive neuron. Synapse, 2007, 61, 801-808.	0.6	13
104	Dendritic morphology changes in neurons from the ventral hippocampus, amygdala and nucleus accumbens in rats with neonatal lesions into the prefrontal cortex. Synapse, 2015, 69, 314-325.	0.6	13
105	Hyper-response to Novelty Increases c-Fos Expression in the Hippocampus and Prefrontal Cortex in a Rat Model of Schizophrenia. Neurochemical Research, 2018, 43, 441-448.	1.6	13
106	Cerebrolysin improves peripheral inflammatory pain: Sex differences in two models of acute and chronic mechanical hypersensitivity. Drug Development Research, 2019, 80, 513-518.	1.4	13
107	Neuroplasticity and inflammatory alterations in the nucleus accumbens are corrected after risperidone treatment in a schizophrenia-related developmental model in rats. Schizophrenia Research, 2021, 235, 17-28.	1.1	13
108	Intracerebroventricular administration of growth hormone induces morphological changes in pyramidal neurons of the hippocampus and prefrontal cortex in adult rats. Synapse, 2018, 72, e22030.	0.6	12

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109	Sex differences in brain gene expression among suicide completers. Journal of Affective Disorders, 2020, 267, 67-77.	2.0	12
110	Unilateral intranigral administration of Î²-sitosterol Î²-D-glucoside triggers pathological Î±-synuclein spreading and bilateral nigrostriatal dopaminergic neurodegeneration in the rat. Acta Neuropathologica Communications, 2020, 8, 56.	2.4	12
111	SARSâ€COVâ€2 (COVIDâ€19) has neurotropic and neuroinvasive properties. International Journal of Clinical Practice, 2021, 75, e13708.	0.8	12
112	Activation of the antiâ€inflammatory reflex blocks lipopolysaccharideâ€induced decrease in synaptic inhibition in the temporal cortex of the rat. Journal of Neuroscience Research, 2015, 93, 859-865.	1.3	11
113	Cyclic changes and actions of progesterone and allopregnanolone on cognition and hippocampal basal (stratum oriens) dendritic spines of female rats. Behavioural Brain Research, 2020, 379, 112355.	1.2	11
114	Mutant Taiep rats exhibit an increase in D1 binding in basal ganglia. Brain Research, 2002, 956, 24-29.	1.1	10
115	Rearrangement of the dendritic morphology of the neurons from prefrontal cortex and hippocampus after subthalamic lesion in Sprague–Dawley rats. Synapse, 2014, 68, 114-126.	0.6	10
116	Histological correlates of N40 auditory evoked potentials in adult rats after neonatal ventral hippocampal lesion: animal model of schizophrenia. Schizophrenia Research, 2014, 159, 450-457.	1.1	10
117	Chronic Cadmium Exposure Lead to Inhibition of Serum and Hepatic Alkaline Phosphatase Activity in Wistar Rats. Journal of Biochemical and Molecular Toxicology, 2015, 29, 587-594.	1.4	10
118	Changes in nitric oxide, zinc and metallothionein levels in limbic regions at pre-pubertal and post-pubertal ages presented in an animal model of schizophrenia. Journal of Chemical Neuroanatomy, 2021, 111, 101889.	1.0	10
119	Metforminium Decavanadate (MetfDeca) Treatment Ameliorates Hippocampal Neurodegeneration and Recognition Memory in a Metabolic Syndrome Model. Neurochemical Research, 2021, 46, 1151-1165.	1.6	10
120	Effect of excitotoxic lesions of the neonatal ventral hippocampus on the immobility response in rats. Life Sciences, 2005, 76, 2339-2348.	2.0	9
121	The utility of the Golgi–Cox method in the morphological characterization of the autonomic innervation in the rat heart. Journal of Neuroscience Methods, 2009, 179, 40-44.	1.3	9
122	Prenatal Amphetamine Exposure Effects on Dopaminergic Receptors and Transporter in Postnatal Rats. Neurochemical Research, 2011, 36, 1740-1749.	1.6	9
123	Dendritic morphology of neurons in prefrontal cortex and ventral hippocampus of rats with neonatal amygdala lesion. Synapse, 2012, 66, 373-382.	0.6	9
124	Cerebrolysin reduces mechanical allodynia in a rodent model of peripheral inflammation. Neuroscience Letters, 2017, 642, 27-30.	1.0	9
125	Pregnancies alters spine number in cortical and subcortical limbic brain regions of old rats. Synapse, 2019, 73, e22100.	0.6	9
126	Memory and dendritic spines loss, and dynamic dendritic spines changes are age-dependent in the rat. Journal of Chemical Neuroanatomy, 2020, 110, 101858.	1.0	9

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127	Due to their anti-inflammatory, antioxidant and neurotrophic properties, second-generation antipsychotics are suitable in patients with schizophrenia and COVID-19. General Hospital Psychiatry, 2021, 71, 137-139.	1.2	9
128	Resveratrol effects on neural connectivity during aging. Neural Regeneration Research, 2016, 11, 1067.	1.6	9
129	Muscarinic antagonists microinjected into the subthalamic nucleus decrease muscular rigidity in reserpinized rats. Neuroscience Letters, 1996, 213, 157-160.	1.0	8
130	Enhanced locomotor activity in adult rats with neonatal administration ofN-omega-nitro-L-arginine. Synapse, 2006, 60, 264-270.	0.6	8
131	Expression and Distribution of Dopamine Transporter in Cardiac Tissues of the Guinea Pig. Neurochemical Research, 2011, 36, 399-405.	1.6	8
132	Transition of pattern generation: The phenomenon of post-scratching locomotion. Neuroscience, 2015, 288, 156-166.	1.1	8
133	Tooth pulp injury induces sex-dependent neuronal reshaping in the ventral posterolateral nucleus of the rat thalamus. Journal of Chemical Neuroanatomy, 2019, 96, 16-21.	1.0	8
134	Short-term deep brain stimulation of the thalamic reticular nucleus modifies aberrant oscillatory activity in a neurodevelopment model of schizophrenia. Neuroscience, 2017, 357, 99-109.	1.1	8
135	Increased cell number with reduced nitric oxide level and augmented superoxide dismutase activity in the anterior-pituitary region of young suicide completers. Journal of Chemical Neuroanatomy, 2019, 96, 7-15.	1.0	7
136	Bexarotene treatment increases dendritic length in the nucleus accumbens without change in the locomotor activity and memory behaviors, in old mice. Journal of Chemical Neuroanatomy, 2020, 104, 101734.	1.0	7
137	Phenylbutyrate ameliorates prefrontal cortex, hippocampus, and nucleus accumbens neural atrophy as well as synaptophysin and GFAP stress in aging mice. Synapse, 2020, 74, e22177.	0.6	7
138	Apomorphine effects on the hippocampus. Neural Regeneration Research, 2018, 13, 2064.	1.6	7
139	Losartan enhances cognitive and structural neuroplasticity impairments in spontaneously hypertensive rats. Journal of Chemical Neuroanatomy, 2022, 120, 102061.	1.0	7
140	Curcumin induces cortico-hippocampal neuronal reshaping and memory improvements in aged mice. Journal of Chemical Neuroanatomy, 2022, 121, 102091.	1.0	7
141	Effect of cadmium administration on the antioxidant system and neuronal death in the hippocampus of rats. Synapse, 2022, 76, .	0.6	7
142	Dopaminergic modulation of the caudal photoreceptor in crayfish. Synapse, 2011, 65, 497-504.	0.6	6
143	The sigma agonist 1,3-Di-o-tolyl-guanidine reduces the morphological and behavioral changes induced by neonatal ventral hippocampus lesion in rats. Synapse, 2015, 69, 213-225.	0.6	6
144	Exploratory analysis of genetic variants influencing molecular traits in cerebral cortex of suicide completers. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 26-37.	1.1	6

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145	Natural products present neurotrophic properties in neurons of the limbic system in aging rodents. Synapse, 2021, 75, e22185.	0.6	6
146	Patients with schizophrenia have decreased COVIDâ€19 prevalence among hospitalised patients with psychiatric and neurological diseases: A retrospective analysis in Mexican population. International Journal of Clinical Practice, 2021, 75, e14528.	0.8	6
147	Dendritic and behavioral changes in rats neonatally treated with homocysteine; A proposal as an animal model to study the attention deficit hyperactivity disorder.. Journal of Chemical Neuroanatomy, 2021, , 102057.	1.0	6
148	Differential Effect on Two Immobility Responses by Chronic Administration of 1,3-di-o-Tolyl-Guanidine (Sigma Receptor Agonist) in Rats with Neonatal Ventral Hippocampal Lesion. Pharmacology & Pharmacy, 2014, 05, 681-690.	0.2	5
149	Long-term effect of neonatal antagonism of ionotropic glutamate receptors on dendritic spines and cognitive function in rats. Journal of Chemical Neuroanatomy, 2022, 119, 102054.	1.0	5
150	Cerebrolysin ameliorates prefrontal cortex and hippocampus neural atrophy of spontaneous hypertensive rats with hyperglycemia. Synapse, 2020, 74, e22156.	0.6	4
151	Candidate pharmacological treatments for substance use disorder and suicide identified by gene coâ€expression networkâ€based drug repositioning. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2021, 186, 193-206.	1.1	4
152	High polygenic burden is associated with blood DNA methylation changes in individuals with suicidal behavior. Journal of Psychiatric Research, 2020, 123, 62-71.	1.5	3
153	Prenatal exposure to propionic acid induces altered locomotion and reactive astrogliosis in male rats. Journal of Chemical Neuroanatomy, 2021, 117, 102011.	1.0	3
154	Role of the prefrontal cortex in the neonatal ventral hippocampus lesion, an animal model of schizophrenia. Journal of Neurology and Neuromedicine, 2016, 1, 35-39.	0.9	3
155	Atypical antipsychotics, more than just an antipsychotic. Neural Regeneration Research, 2020, 15, 1477.	1.6	3
156	Neonatal ventral hippocampus lesion disrupts maternal behavior in rats: An animal model of schizophrenia. Developmental Psychobiology, 2022, 64, .	0.9	3
157	Prophylactic Zinc Administration Combined with Swimming Exercise Prevents Cognitive-Emotional Disturbances and Tissue Injury following a Transient Hypoxic-Ischemic Insult in the Rat. Behavioural Neurology, 2022, 2022, 1-20.	1.1	3
158	Neonatal prefrontal cortex lesion using CO2 laser technique. Brain Research Protocols, 2002, 10, 69-74.	1.7	2
159	Differential Effect of the Dopamine<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>D</mml:mtext><mml:mn mathvariant="bold">3</mml:mn></mml:msub></mml:mrow></mml:math>Agonist (<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2.2 2 (7-OH-DPAT) on Motor Activity between Adult Wistar and Sprague-Dawley Rats after a Neonatal Ventra		
160	Conditional self-discrimination enhances dendritic spine number and dendritic length at prefrontal cortex and hippocampal neurons of rats. Synapse, 2015, 69, 543-552.	0.6	2
161	Brain Gene Expression Profiling of Individuals With Dual Diagnosis Who Died by Suicide. Journal of Dual Diagnosis, 2020, 16, 177-190.	0.7	2
162	The Câ€terminal fragment of the heavy chain of the tetanus toxin (Hcâ€TeTx) improves motor activity and neuronal morphology in the limbic system of aged mice. Synapse, 2021, 75, e22193.	0.6	2

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163	Cerebral dopamine neurotrophic factor transfection in dopamine neurons using neurotensin-polyplex nanoparticles reverses 6-hydroxydopamine-induced nigrostriatal neurodegeneration. Neural Regeneration Research, 2022, 17, 854.	1.6	2
164	Morphological Changes Induced by the Absence of Ovarian Hormones in Nucleus Accumbens of Ovariectomized Rats. Open Neuroendocrinology Journal (Online), 2009, 2, 31-35.	0.4	2
165	Brain Gene Expression-DNA Methylation Correlation in Suicide Completers: Preliminary Results. Revista De Investigacion Clinica, 2020, 72, 283-292.	0.2	2
166	Sub-Chronic Cerebrolysin Treatment Attenuates the Long-lasting Behavioral Alterations Caused by Maternal Separation in Rats. International Journal of Pharmacology, 2014, 10, 406-417.	0.1	2
167	Differential Effects of Valproic Acid on Immobility Responses and Locomotor Activity in Female and Male Rats. Pharmacology & Pharmacy, 2017, 08, 339-353.	0.2	2
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