

Gonzalo Flores

List of Publications by Year in descending order

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180
papers

4,656
citations

101384

36
h-index

143772

57
g-index

184
all docs

184
docs citations

184
times ranked

5006
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerebral dopamine neurotrophic factor transfection in dopamine neurons using neurotensin-polyplex nanoparticles reverses 6-hydroxydopamine-induced nigrostriatal neurodegeneration. <i>Neural Regeneration Research</i> , 2022, 17, 854.	1.6	2
2	Chronic restraint stress induces anxiety-like behavior and remodeling of dendritic spines in the central nucleus of the amygdala. <i>Behavioural Brain Research</i> , 2022, 416, 113523.	1.2	19
3	Long-term effect of neonatal antagonism of ionotropic glutamate receptors on dendritic spines and cognitive function in rats. <i>Journal of Chemical Neuroanatomy</i> , 2022, 119, 102054.	1.0	5
4	Losartan enhances cognitive and structural neuroplasticity impairments in spontaneously hypertensive rats. <i>Journal of Chemical Neuroanatomy</i> , 2022, 120, 102061.	1.0	7
5	Amphetamine and the Biology of Neuronal Morphology. , 2022, , 1-24.		0
6	Curcumin induces cortico-hippocampal neuronal reshaping and memory improvements in aged mice. <i>Journal of Chemical Neuroanatomy</i> , 2022, 121, 102091.	1.0	7
7	Neonatal ventral hippocampus lesion disrupts maternal behavior in rats: An animal model of schizophrenia. <i>Developmental Psychobiology</i> , 2022, 64, .	0.9	3
8	Prophylactic Zinc Administration Combined with Swimming Exercise Prevents Cognitive-Emotional Disturbances and Tissue Injury following a Transient Hypoxic-Ischemic Insult in the Rat. <i>Behavioural Neurology</i> , 2022, 2022, 1-20.	1.1	3
9	Effect of cadmium administration on the antioxidant system and neuronal death in the hippocampus of rats. <i>Synapse</i> , 2022, 76, .	0.6	7
10	Gallic acid improves recognition memory and decreases oxidative-inflammatory damage in the rat hippocampus with metabolic syndrome. <i>Synapse</i> , 2021, 75, e22186.	0.6	22
11	Natural products present neurotrophic properties in neurons of the limbic system in aging rodents. <i>Synapse</i> , 2021, 75, e22185.	0.6	6
12	Amphetamine sensitization alters hippocampal neuronal morphology and memory and learning behaviors. <i>Molecular Psychiatry</i> , 2021, 26, 4784-4794.	4.1	23
13	The prefrontal cortex as a target for atypical antipsychotics in schizophrenia, lessons of neurodevelopmental animal models. <i>Progress in Neurobiology</i> , 2021, 199, 101967.	2.8	18
14	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. <i>Journal of Chemical Neuroanatomy</i> , 2021, 111, 101889.	1.0	10
15	The C-terminal fragment of the heavy chain of the tetanus toxin (HcTeTx) improves motor activity and neuronal morphology in the limbic system of aged mice. <i>Synapse</i> , 2021, 75, e22193.	0.6	2
16	Periodontitis and diabetes reshape neuronal dendritic arborization in the thalamus and nucleus oralis in the rat. <i>Synapse</i> , 2021, 75, e22187.	0.6	0
17	SARS-CoV-2 (COVID-19) has neurotropic and neuroinvasive properties. <i>International Journal of Clinical Practice</i> , 2021, 75, e13708.	0.8	12
18	Curcuma longa Administration Significantly Reduces Acute and Persistent Inflammatory Pain Measures in Male and Female Rats. <i>Archives of Veterinary Science and Medicine</i> , 2021, 04, .	0.4	1

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19	Metforminium Decavanadate (MetfDeca) Treatment Ameliorates Hippocampal Neurodegeneration and Recognition Memory in a Metabolic Syndrome Model. <i>Neurochemical Research</i> , 2021, 46, 1151-1165.	1.6	10
20	Brain Gene Expression- DNA Methylation Correlation in Suicide Completers. <i>Biological Psychiatry</i> , 2021, 89, S142.	0.7	0
21	Patients with schizophrenia have decreased COVID-19 prevalence among hospitalised patients with psychiatric and neurological diseases: A retrospective analysis in Mexican population. <i>International Journal of Clinical Practice</i> , 2021, 75, e14528.	0.8	6
22	Due to their anti-inflammatory, antioxidant and neurotrophic properties, second-generation antipsychotics are suitable in patients with schizophrenia and COVID-19. <i>General Hospital Psychiatry</i> , 2021, 71, 137-139.	1.2	9
23	New insights on nitric oxide: Focus on animal models of schizophrenia. <i>Behavioural Brain Research</i> , 2021, 409, 113304.	1.2	15
24	Neuroplasticity and inflammatory alterations in the nucleus accumbens are corrected after risperidone treatment in a schizophrenia-related developmental model in rats. <i>Schizophrenia Research</i> , 2021, 235, 17-28.	1.1	13
25	Prenatal exposure to propionic acid induces altered locomotion and reactive astrogliosis in male rats. <i>Journal of Chemical Neuroanatomy</i> , 2021, 117, 102011.	1.0	3
26	Candidate pharmacological treatments for substance use disorder and suicide identified by gene co-expression network-based drug repositioning. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 193-206.	1.1	4
27	Dendritic and behavioral changes in rats neonatally treated with homocysteine; A proposal as an animal model to study the attention deficit hyperactivity disorder.. <i>Journal of Chemical Neuroanatomy</i> , 2021, , 102057.	1.0	6
28	Exploratory analysis of genetic variants influencing molecular traits in cerebral cortex of suicide completers. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 26-37.	1.1	6
29	Cyclic changes and actions of progesterone and allopregnanolone on cognition and hippocampal basal (stratum oriens) dendritic spines of female rats. <i>Behavioural Brain Research</i> , 2020, 379, 112355.	1.2	11
30	Bexarotene treatment increases dendritic length in the nucleus accumbens without change in the locomotor activity and memory behaviors, in old mice. <i>Journal of Chemical Neuroanatomy</i> , 2020, 104, 101734.	1.0	7
31	Brain Gene Expression Profiling of Individuals With Dual Diagnosis Who Died by Suicide. <i>Journal of Dual Diagnosis</i> , 2020, 16, 177-190.	0.7	2
32	M93. BRAIN GENE EXPRESSION PROFILING OF INDIVIDUALS WITH DUAL DIAGNOSIS WHO DIED BY SUICIDE. <i>Schizophrenia Bulletin</i> , 2020, 46, S170-S170.	2.3	1
33	Memory and dendritic spines loss, and dynamic dendritic spines changes are age-dependent in the rat. <i>Journal of Chemical Neuroanatomy</i> , 2020, 110, 101858.	1.0	9
34	Astrocyte-mediated switch in spike timing-dependent plasticity during hippocampal development. <i>Nature Communications</i> , 2020, 11, 4388.	5.8	55
35	The treatment of Goji berry (<i>Lycium barbarum</i>) improves the neuroplasticity of the prefrontal cortex and hippocampus in aged rats. <i>Journal of Nutritional Biochemistry</i> , 2020, 83, 108416.	1.9	19
36	T171. HIGH POLYGENIC BURDEN IS ASSOCIATED WITH BLOOD DNA METHYLATION CHANGES IN INDIVIDUALS WITH SUICIDAL BEHAVIOR. <i>Schizophrenia Bulletin</i> , 2020, 46, S296-S297.	2.3	0

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37	Phenylbutyrate ameliorates prefrontal cortex, hippocampus, and nucleus accumbens neural atrophy as well as synaptophysin and GFAP stress in aging mice. <i>Synapse</i> , 2020, 74, e22177.	0.6	7
38	Effects of metformin on recognition memory and hippocampal neuroplasticity in rats with metabolic syndrome. <i>Synapse</i> , 2020, 74, e22153.	0.6	17
39	Sex differences in brain gene expression among suicide completers. <i>Journal of Affective Disorders</i> , 2020, 267, 67-77.	2.0	12
40	High polygenic burden is associated with blood DNA methylation changes in individuals with suicidal behavior. <i>Journal of Psychiatric Research</i> , 2020, 123, 62-71.	1.5	3
41	Unilateral intranigral administration of $\hat{1}^2$ -sitosterol $\hat{1}^2$ -D-glucoside triggers pathological $\hat{1}\pm$ -synuclein spreading and bilateral nigrostriatal dopaminergic neurodegeneration in the rat. <i>Acta Neuropathologica Communications</i> , 2020, 8, 56.	2.4	12
42	Cerebrolysin ameliorates prefrontal cortex and hippocampus neural atrophy of spontaneous hypertensive rats with hyperglycemia. <i>Synapse</i> , 2020, 74, e22156.	0.6	4
43	Brain Gene Expression-DNA Methylation Correlation in Suicide Completers: Preliminary Results. <i>Revista De Investigacion Clinica</i> , 2020, 72, 283-292.	0.2	2
44	Atypical antipsychotics, more than just an antipsychotic. <i>Neural Regeneration Research</i> , 2020, 15, 1477.	1.6	3
45	Immobility Responses Affected by Potassium in Old Rats. <i>Pharmacology & Pharmacy</i> , 2020, 11, 235-250.	0.2	2
46	Juvenile stress causes reduced locomotor behavior and dendritic spine density in the prefrontal cortex and basolateral amygdala in Spragueâ€Dawley rats. <i>Synapse</i> , 2019, 73, e22066.	0.6	14
47	Risperidone Ameliorates Prefrontal Cortex Neural Atrophy and Oxidative/Nitrosative Stress in Brain and Peripheral Blood of Rats with Neonatal Ventral Hippocampus Lesion. <i>Journal of Neuroscience</i> , 2019, 39, 8584-8599.	1.7	29
48	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. <i>Neurochemical Research</i> , 2019, 44, 485-497.	1.6	28
49	Pharmacological activation of dopamine D4 receptor modulates morphine-induced changes in the expression of GAD65/67 and GABAB receptors in the basal ganglia. <i>Neuropharmacology</i> , 2019, 152, 22-29.	2.0	15
50	Cerebrolysin improves peripheral inflammatory pain: Sex differences in two models of acute and chronic mechanical hypersensitivity. <i>Drug Development Research</i> , 2019, 80, 513-518.	1.4	13
51	Pregnancies alters spine number in cortical and subcortical limbic brain regions of old rats. <i>Synapse</i> , 2019, 73, e22100.	0.6	9
52	Prenatal immune challenge induces behavioral deficits, neuronal remodeling, and increases brain nitric oxide and zinc levels in the male rat offspring. <i>Neuroscience</i> , 2019, 406, 594-605.	1.1	19
53	Adenosine Receptor-Mediated Developmental Loss of Spike Timing-Dependent Depression in the Hippocampus. <i>Cerebral Cortex</i> , 2019, 29, 3266-3281.	1.6	40
54	Tooth pulp injury induces sex-dependent neuronal reshaping in the ventral posterolateral nucleus of the rat thalamus. <i>Journal of Chemical Neuroanatomy</i> , 2019, 96, 16-21.	1.0	8

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55	Exploring the Dendritic Spine Pathology in a Schizophrenia-related Neurodevelopmental Animal Model. <i>Neuroscience</i> , 2019, 396, 36-45.	1.1	27
56	Increased cell number with reduced nitric oxide level and augmented superoxide dismutase activity in the anterior-pituitary region of young suicide completers. <i>Journal of Chemical Neuroanatomy</i> , 2019, 96, 7-15.	1.0	7
57	Consequences of diabetes mellitus on neuronal connectivity in limbic regions. <i>Synapse</i> , 2019, 73, e22082.	0.6	18
58	Intracerebroventricular administration of growth hormone induces morphological changes in pyramidal neurons of the hippocampus and prefrontal cortex in adult rats. <i>Synapse</i> , 2018, 72, e22030.	0.6	12
59	The Effects of Non-selective Dopamine Receptor Activation by Apomorphine in the Mouse Hippocampus. <i>Molecular Neurobiology</i> , 2018, 55, 8625-8636.	1.9	20
60	Hyper-response to Novelty Increases c-Fos Expression in the Hippocampus and Prefrontal Cortex in a Rat Model of Schizophrenia. <i>Neurochemical Research</i> , 2018, 43, 441-448.	1.6	13
61	Neurogenesis and morphological-neural alterations closely related to amyloid β -peptide (25-35)-induced memory impairment in male rats. <i>Neuropeptides</i> , 2018, 67, 9-19.	0.9	20
62	Non-canonical Mechanisms of Presynaptic Kainate Receptors Controlling Glutamate Release. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 128.	1.4	31
63	The neuropeptide α -MSH improves recognition memory and neuronal plasticity of the limbic system in old rats. <i>Synapse</i> , 2018, 72, e22036.	0.6	22
64	Apomorphine effects on the hippocampus. <i>Neural Regeneration Research</i> , 2018, 13, 2064.	1.6	7
65	Cerebrolysin reduces mechanical allodynia in a rodent model of peripheral inflammation. <i>Neuroscience Letters</i> , 2017, 642, 27-30.	1.0	9
66	Metabolic syndrome causes recognition impairments and reduced hippocampal neuronal plasticity in rats. <i>Journal of Chemical Neuroanatomy</i> , 2017, 82, 65-75.	1.0	28
67	The aminoestrogen prolame increases recognition memory and hippocampal neuronal spine density in aged mice. <i>Synapse</i> , 2017, 71, e21987.	0.6	15
68	Cerebrolysin prevents deficits in social behavior, repetitive conduct, and synaptic inhibition in a rat model of autism. <i>Journal of Neuroscience Research</i> , 2017, 95, 2456-2468.	1.3	29
69	Functional foods in pet nutrition: Focus on dogs and cats. <i>Research in Veterinary Science</i> , 2017, 112, 161-166.	0.9	60
70	Curcuma treatment prevents cognitive deficit and alteration of neuronal morphology in the limbic system of aging rats. <i>Synapse</i> , 2017, 71, e21952.	0.6	30
71	Pregnancy improves cognitive deficit and neuronal morphology atrophy in the prefrontal cortex and hippocampus of aging spontaneously hypertensive rats. <i>Synapse</i> , 2017, 71, e21991.	0.6	17
72	Alzheimer's disease and metabolic syndrome: A link from oxidative stress and inflammation to neurodegeneration. <i>Synapse</i> , 2017, 71, e21990.	0.6	131

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73	Short-term deep brain stimulation of the thalamic reticular nucleus modifies aberrant oscillatory activity in a neurodevelopment model of schizophrenia. <i>Neuroscience</i> , 2017, 357, 99-109.	1.1	8
74	Curcuma longa L. extract improves the cortical neural connectivity during the aging process. <i>Neural Regeneration Research</i> , 2017, 12, 875.	1.6	16
75	Cerebrolysin Effects on Cardiac Neuropathy in Diabetic Rats. <i>Pharmacology & Pharmacy</i> , 2017, 08, 215-230.	0.2	1
76	Differential Effects of Valproic Acid on Immobility Responses and Locomotor Activity in Female and Male Rats. <i>Pharmacology & Pharmacy</i> , 2017, 08, 339-353.	0.2	2
77	Energy Drink Administration in Combination with Alcohol Causes an Inflammatory Response and Oxidative Stress in the Hippocampus and Temporal Cortex of Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	27
78	Neuronal changes after chronic high blood pressure in animal models and its implication for vascular dementia. <i>Synapse</i> , 2016, 70, 198-205.	0.6	36
79	Cerebrolysin improves memory and ameliorates neuronal atrophy in spontaneously hypertensive, aged rats. <i>Synapse</i> , 2016, 70, 378-389.	0.6	28
80	The effects of amphetamine exposure on juvenile rats on the neuronal morphology of the limbic system at prepubertal, pubertal and postpubertal ages. <i>Journal of Chemical Neuroanatomy</i> , 2016, 77, 68-77.	1.0	16
81	Mushroom spine dynamics in medium spiny neurons of dorsal striatum associated with memory of moderate and intense training. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6516-E6525.	3.3	46
82	Chronic administration of resveratrol prevents morphological changes in prefrontal cortex and hippocampus of aged rats. <i>Synapse</i> , 2016, 70, 206-217.	0.6	49
83	Neuronal and brain morphological changes in animal models of schizophrenia. <i>Behavioural Brain Research</i> , 2016, 301, 190-203.	1.2	68
84	Role of the prefrontal cortex in the neonatal ventral hippocampus lesion, an animal model of schizophrenia. <i>Journal of Neurology and Neuromedicine</i> , 2016, 1, 35-39.	0.9	3
85	Resveratrol effects on neural connectivity during aging. <i>Neural Regeneration Research</i> , 2016, 11, 1067.	1.6	9
86	Conditional self-discrimination enhances dendritic spine number and dendritic length at prefrontal cortex and hippocampal neurons of rats. <i>Synapse</i> , 2015, 69, 543-552.	0.6	2
87	The sigma agonist 1,3-Di- <i>o</i> -tolyl-guanidine reduces the morphological and behavioral changes induced by neonatal ventral hippocampus lesion in rats. <i>Synapse</i> , 2015, 69, 213-225.	0.6	6
88	A high calorie diet causes memory loss, metabolic syndrome and oxidative stress into hippocampus and temporal cortex of rats. <i>Synapse</i> , 2015, 69, 421-433.	0.6	73
89	Chronic Cadmium Exposure Lead to Inhibition of Serum and Hepatic Alkaline Phosphatase Activity in Wistar Rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015, 29, 587-594.	1.4	10
90	Activation of the anti-inflammatory reflex blocks lipopolysaccharide-induced decrease in synaptic inhibition in the temporal cortex of the rat. <i>Journal of Neuroscience Research</i> , 2015, 93, 859-865.	1.3	11

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91	Transition of pattern generation: The phenomenon of post-scratching locomotion. <i>Neuroscience</i> , 2015, 288, 156-166.	1.1	8
92	Dendritic morphology changes in neurons from the ventral hippocampus, amygdala and nucleus accumbens in rats with neonatal lesions into the prefrontal cortex. <i>Synapse</i> , 2015, 69, 314-325.	0.6	13
93	Cerebrolysin reverses hippocampal neural atrophy in a mice model of diabetes mellitus type 1. <i>Synapse</i> , 2015, 69, 326-335.	0.6	20
94	Sleep deprivation induces differential morphological changes in the hippocampus and prefrontal cortex in young and old rats. <i>Synapse</i> , 2015, 69, 15-25.	0.6	57
95	Sleep in the Work of Marcos José Salgado, Author of the First Book of Physiology in the Americas, Published in 1727. <i>Advances in Historical Studies</i> , 2015, 04, 368-379.	0.0	0
96	Chronic administration of nicotine enhances NMDA-activated currents in the prefrontal cortex and core part of the nucleus accumbens of rats. <i>Synapse</i> , 2014, 68, 248-256.	0.6	14
97	Chronic cerebrolysin administration attenuates neuronal abnormalities in the basolateral amygdala induced by neonatal ventral hippocampus lesion in the rat. <i>Synapse</i> , 2014, 68, 31-38.	0.6	24
98	Neonatal olfactory bulbectomy enhances locomotor activity, exploratory behavior and binding of NMDA receptors in pre-pubertal rats. <i>Neuroscience</i> , 2014, 259, 84-93.	1.1	15
99	Rearrangement of the dendritic morphology of the neurons from prefrontal cortex and hippocampus after subthalamic lesion in SpragueÉc;Dawley rats. <i>Synapse</i> , 2014, 68, 114-126.	0.6	10
100	Kainate Receptors. <i>Neuroscientist</i> , 2014, 20, 29-43.	2.6	36
101	Histological correlates of N40 auditory evoked potentials in adult rats after neonatal ventral hippocampal lesion: animal model of schizophrenia. <i>Schizophrenia Research</i> , 2014, 159, 450-457.	1.1	10
102	Unilateral injection of $\text{A}\beta_{1-35}$ in the hippocampus reduces the number of dendritic spines in hyperglycemic rats. <i>Synapse</i> , 2014, 68, 585-594.	0.6	23
103	In vivo mitochondrial inhibition alters corticostriatal synaptic function and the modulatory effects of neurotrophins. <i>Neuroscience</i> , 2014, 280, 156-170.	1.1	26
104	Prefrontal cortex, hippocampus, and basolateral amygdala plasticity in a rat model of autism spectrum. <i>Synapse</i> , 2014, 68, 468-473.	0.6	23
105	Sub-Chronic Cerebrolysin Treatment Attenuates the Long-lasting Behavioral Alterations Caused by Maternal Separation in Rats. <i>International Journal of Pharmacology</i> , 2014, 10, 406-417.	0.1	2
106	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. <i>Pharmacology & Pharmacy</i> , 2014, 05, 681-690.	0.2	5
107	The Potential of Cerebrolysin in the Treatment of Schizophrenia. <i>Pharmacology & Pharmacy</i> , 2014, 05, 691-704.	0.2	17
108	Chronic Administration of the Resveratrol or N-PEP-12 Ameliorates the Endothelial Dysfunction in Aging Rats. <i>Pharmacology & Pharmacy</i> , 2014, 05, 69-74.	0.2	1

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109	Olfactory bulbectomy induces neuronal rearrangement in the entorhinal cortex in the rat. <i>Journal of Chemical Neuroanatomy</i> , 2013, 52, 80-86.	1.0	16
110	Dexamethasone induces different morphological changes in the dorsal and ventral hippocampus of rats. <i>Journal of Chemical Neuroanatomy</i> , 2013, 47, 71-78.	1.0	15
111	Rearrangement of the dendritic morphology in limbic regions and altered exploratory behavior in a rat model of autism spectrum disorder. <i>Neuroscience</i> , 2013, 241, 170-187.	1.1	84
112	Role of neuropeptide Y Y1 and Y2 receptors on behavioral despair in a rat model of depression with co-morbid anxiety. <i>Neuropharmacology</i> , 2012, 62, 200-208.	2.0	48
113	Clozapine administration reverses behavioral, neuronal, and nitric oxide disturbances in the neonatal ventral hippocampus rat. <i>Neuropharmacology</i> , 2012, 62, 1848-1857.	2.0	46
114	Presynaptic kainate receptor-mediated facilitation of glutamate release involves Ca^{2+} -calmodulin at mossy fiber-CA3 synapses. <i>Journal of Neurochemistry</i> , 2012, 122, 891-899.	2.1	38
115	Combined administration of cerebrolysin and donepezil induces plastic changes in prefrontal cortex in aged mice. <i>Synapse</i> , 2012, 66, 938-949.	0.6	44
116	Dendritic morphology of neurons in prefrontal cortex and ventral hippocampus of rats with neonatal amygdala lesion. <i>Synapse</i> , 2012, 66, 373-382.	0.6	9
117	Electroencephalographic activity in neonatal ventral hippocampus lesion in adult rats. <i>Synapse</i> , 2012, 66, 738-746.	0.6	25
118	Kainate receptor-mediated depression of glutamatergic transmission involving protein kinase A in the lateral amygdala. <i>Journal of Neurochemistry</i> , 2012, 121, 36-43.	2.1	18
119	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. <i>Journal of Neuroscience Research</i> , 2012, 90, 288-306.	1.3	54
120	Expression and Distribution of Dopamine Transporter in Cardiac Tissues of the Guinea Pig. <i>Neurochemical Research</i> , 2011, 36, 399-405.	1.6	8
121	Prenatal Amphetamine Exposure Effects on Dopaminergic Receptors and Transporter in Postnatal Rats. <i>Neurochemical Research</i> , 2011, 36, 1740-1749.	1.6	9
122	Dendritic morphology of neurons in medial prefrontal cortex, hippocampus, and nucleus accumbens in adult SH rats. <i>Synapse</i> , 2011, 65, 198-206.	0.6	40
123	Dopaminergic modulation of the caudal photoreceptor in crayfish. <i>Synapse</i> , 2011, 65, 497-504.	0.6	6
124	Nitric oxide in neonatal ventral hippocampus lesion rats. <i>Synapse</i> , 2011, 65, 547-547.	0.6	1
125	Apamin induces plastic changes in hippocampal neurons in senile Sprague-Dawley rats. <i>Synapse</i> , 2011, 65, 1062-1072.	0.6	19
126	The chronic administration of cerebrolysin induces plastic changes in the prefrontal cortex and dentate gyrus in aged mice. <i>Synapse</i> , 2011, 65, 1128-1135.	0.6	37

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127	Effect of the Dopamine D_3 Agonist ($TJ\ ETQq1\ 1\ 0.784314\ rgBT$) (7-OH-DPAT) on Motor Activity between Adult Wistar and Sprague-Dawley Rats after a Neonatal	2.2	2
128	Enhanced dendritic spine number of neurons of the prefrontal cortex, hippocampus, and nucleus accumbens in old rats after chronic donepezil administration. <i>Synapse</i> , 2010, 64, 786-793.	0.6	39
129	Neonatal ventral hippocampus lesion induces increase in no levels which is attenuated by subchronic haloperidol treatment. <i>Synapse</i> , 2010, 64, 941-947.	0.6	29
130	Maternal separation disrupts dendritic morphology of neurons in prefrontal cortex, hippocampus, and nucleus accumbens in male rat offspring. <i>Journal of Chemical Neuroanatomy</i> , 2010, 40, 93-101.	1.0	138
131	Prenatal stress alters spine density and dendritic length of nucleus accumbens and hippocampus neurons in rat offspring. <i>Synapse</i> , 2009, 63, 794-804.	0.6	164
132	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. <i>Synapse</i> , 2009, 63, 1143-1153.	0.6	32
133	The utility of the Golgi-Cox method in the morphological characterization of the autonomic innervation in the rat heart. <i>Journal of Neuroscience Methods</i> , 2009, 179, 40-44.	1.3	9
134	Morphological reorganization after repeated corticosterone administration in the hippocampus, nucleus accumbens and amygdala in the rat. <i>Journal of Chemical Neuroanatomy</i> , 2009, 38, 266-272.	1.0	95
135	Morphological Changes Induced by the Absence of Ovarian Hormones in Nucleus Accumbens of Ovariectomized Rats. <i>Open Neuroendocrinology Journal (Online)</i> , 2009, 2, 31-35.	0.4	2
136	Enhanced apomorphine sensitivity and increased binding of dopamine D_2 receptors in nucleus accumbens in prepubertal rats after neonatal blockade of the dopamine D_3 receptors by (+)- α -MPP. <i>Synapse</i> , 2008, 62, 40-49.	0.6	14
137	Dendritic morphology on neurons from prefrontal cortex, hippocampus, and nucleus accumbens is altered in adult male mice exposed to repeated low dose of malathion. <i>Synapse</i> , 2008, 62, 283-290.	0.6	22
138	Circadian and ultradian rhythms in the crayfish caudal photoreceptor. <i>Synapse</i> , 2008, 62, 643-652.	0.6	22
139	Ontogeny of altered dendritic morphology in the rat prefrontal cortex, hippocampus, and nucleus accumbens following Cesarean delivery and birth anoxia. <i>Journal of Comparative Neurology</i> , 2008, 507, 1734-1747.	0.9	77
140	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. <i>Brain Research</i> , 2008, 1200, 89-98.	1.1	39
141	Postweaning social isolation enhances morphological changes in the neonatal ventral hippocampal lesion rat model of psychosis. <i>Journal of Chemical Neuroanatomy</i> , 2008, 35, 179-187.	1.0	68
142	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. <i>Neuropharmacology</i> , 2008, 55, 1313-1320.	2.0	24
143	Alterations in dendritic morphology of the prefrontal cortical and striatum neurons in the unilateral 6-OHDA-rat model of Parkinson's disease. <i>Synapse</i> , 2007, 61, 450-458.	0.6	81
144	Alterations in dendritic morphology of hippocampal neurons in adult rats after neonatal administration of N-omega-nitro-L-arginine. <i>Synapse</i> , 2007, 61, 785-789.	0.6	26

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145	Serotonin-caused phase shift of circadian rhythmicity in a photosensitive neuron. <i>Synapse</i> , 2007, 61, 801-808.	0.6	13
146	An organelle proteomic method to study neurotransmission-related proteins, applied to a neurodevelopmental model of schizophrenia. <i>Proteomics</i> , 2007, 7, 3569-3579.	1.3	40
147	Diurnal rhythm in the levels of the serotonin 5-HT1A receptors in the crayfish eyestalk. <i>Synapse</i> , 2006, 59, 368-373.	0.6	13
148	Enhanced locomotor activity in adult rats with neonatal administration of N-omega-nitro-L-arginine. <i>Synapse</i> , 2006, 60, 264-270.	0.6	8
149	Neonatal caffeine administration causes a permanent increase in the dendritic length of prefrontal cortical neurons of rats. <i>Synapse</i> , 2006, 60, 450-455.	0.6	41
150	Neurotensin polyplex as an efficient carrier for delivering the human GDNF gene into nigral dopamine neurons of hemiparkinsonian rats. <i>Molecular Therapy</i> , 2006, 14, 857-865.	3.7	68
151	Alteration in dendritic morphology of cortical neurons in rats with diabetes mellitus induced by streptozotocin. <i>Brain Research</i> , 2005, 1048, 108-115.	1.1	98
152	Enhanced binding of dopamine D1 receptors in caudate-putamen subregions in High-Yawning Sprague-Dawley rats. <i>Synapse</i> , 2005, 56, 69-73.	0.6	13
153	Comparative behavioral changes in postpubertal rats after neonatal excitotoxic lesions of the ventral hippocampus and the prefrontal cortex. <i>Synapse</i> , 2005, 56, 147-153.	0.6	40
154	Cesarean plus anoxia at birth induces hyperresponsiveness to locomotor activity by dopamine D2 agonist. <i>Synapse</i> , 2005, 58, 236-242.	0.6	13
155	Effect of excitotoxic lesions of the neonatal ventral hippocampus on the immobility response in rats. <i>Life Sciences</i> , 2005, 76, 2339-2348.	2.0	9
156	Strain differences of dopamine receptor levels and dopamine related behaviors in rats. <i>Brain Research Bulletin</i> , 2005, 65, 339-347.	1.4	36
157	Alteration in dendritic morphology of pyramidal neurons from the prefrontal cortex of rats with renovascular hypertension. <i>Brain Research</i> , 2004, 1021, 112-118.	1.1	45
158	Effects of birth insult and stress at adulthood on excitatory amino acid receptors in adult rat brain. <i>Synapse</i> , 2004, 54, 138-146.	0.6	20
159	Neonatal ventral hippocampus lesion alters the dopamine content in the limbic regions in postpubertal rats. <i>International Journal of Developmental Neuroscience</i> , 2004, 22, 103-111.	0.7	44
160	Anoxia at birth induced hyperresponsiveness to amphetamine and stress in postpubertal rats. <i>Brain Research</i> , 2003, 992, 281-287.	1.1	30
161	Comparative behavioral changes between male and female postpubertal rats following neonatal excitotoxic lesions of the ventral hippocampus. <i>Brain Research</i> , 2003, 973, 285-292.	1.1	63
162	Decreased dendritic spine density on prefrontal cortical and hippocampal pyramidal neurons in postweaning social isolation rats. <i>Brain Research</i> , 2003, 983, 128-136.	1.1	298

#	ARTICLE	IF	CITATIONS
163	Noradrenaline increases the firing rate of a subpopulation of rat subthalamic neurones through the activation of $\hat{1}\pm 1$ -adrenoceptors. <i>Neuropharmacology</i> , 2003, 45, 1070-1079.	2.0	28
164	Functional and autoradiographic characterization of dopamine D2-like receptors in the guinea pig heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002, 80, 578-587.	0.7	20
165	Neonatal prefrontal cortex lesion using CO2 laser technique. <i>Brain Research Protocols</i> , 2002, 10, 69-74.	1.7	2
166	Mutant Taiep rats exhibit an increase in D1 binding in basal ganglia. <i>Brain Research</i> , 2002, 956, 24-29.	1.1	10
167	Olfactory bulbectomy alters NMDA receptor levels in the rat prefrontal cortex. <i>Synapse</i> , 2000, 37, 159-162.	0.6	22
168	Neonatal ventral hippocampal lesions attenuate the nucleus accumbens dopamine response to stress: an electrochemical study in the adult rat. <i>Brain Research</i> , 1999, 831, 25-32.	1.1	73
169	Lewis and Fischer rats: a comparison of dopamine transporter and receptors levels. <i>Brain Research</i> , 1998, 814, 34-40.	1.1	83
170	Cloning and in situ hybridization analysis of the expression of polysialyltransferase mRNA in the developing and adult rat brain. <i>Molecular Brain Research</i> , 1997, 51, 69-81.	2.5	31
171	M3 muscarinic receptors mediate cholinergic excitation of the spontaneous activity of subthalamic neurons in the rat. <i>Neuroscience Letters</i> , 1996, 203, 203-206.	1.0	24
172	Muscarinic antagonists microinjected into the subthalamic nucleus decrease muscular rigidity in reserpinized rats. <i>Neuroscience Letters</i> , 1996, 213, 157-160.	1.0	8
173	Enhanced Amphetamine Sensitivity and Increased Expression of Dopamine D2 Receptors in Postpubertal Rats after Neonatal Excitotoxic Lesions of the Medial Prefrontal Cortex. <i>Journal of Neuroscience</i> , 1996, 16, 7366-7375.	1.7	115
174	Muscarinic antagonists microinjected into the subthalamic nucleus decrease muscular rigidity in reserpinized rats. , 1996, 213, 157-157.		1
175	5-Hydroxytryptamine increases spontaneous activity of subthalamic neurons in the rat. <i>Neuroscience Letters</i> , 1995, 192, 17-20.	1.0	32
176	Neurotransmitter Levels in Cerebrospinal Fluid in Relation to Severity of Symptoms and Response to Medical Therapy in Parkinson's Disease. <i>Stereotactic and Functional Neurosurgery</i> , 1994, 62, 90-97.	0.8	21
177	Activation of subthalamic neurons produces NMDA receptor-mediated dendritic dopamine release in substantia nigra pars reticulata: a microdialysis study in the rat. <i>Brain Research</i> , 1994, 645, 335-337.	1.1	64
178	Appearance of EMG activity and motor asymmetry after unilateral lesions of the dopaminergic innervation to the subthalamic nucleus in the rat. <i>Neuroscience Letters</i> , 1993, 162, 153-156.	1.0	28
179	Activation of D1 receptors stimulates accumulation of $\hat{1}^3$ -aminobutyric acid in slices of the pars reticulata of 6-hydroxydopamine-lesioned rats. <i>Neuroscience Letters</i> , 1992, 145, 40-42.	1.0	31
180	Addictive Drugs and Synaptic Plasticity. , 0, , .		0