JosÃ© L GÃ³ngora-Alfaro

List of Publications by Year
in descending order

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34	686	623188	552369
papers	citations	14	26
		h-index	g-index

35	35	35	966
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NMDA receptor mediates dopamine release in the striatum of unanesthetized rats as measured by brain microdialysis. Brain Research, 1992, 595, 309-315.	1.1	85
2	Reciprocal interaction between glutamate and dopamine in the pars reticulata of the rat substantia nigra: a microdialysis study. Neuroscience, 1997, 80, 803-810.	1.1	71
3	Chronic caffeine consumption prevents cognitive decline from young to middle age in rats, and is associated with increased length, branching, and spine density of basal dendrites in CA1 hippocampal neurons. Neuroscience, 2012, 202, 384-395.	1.1	66
4	Neurotensin-polyplex-mediated brain-derived neurotrophic factor gene delivery into nigral dopamine neurons prevents nigrostriatal degeneration in a rat model of early Parkinsonâ€™s disease. Journal of Biomedical Science, 2015, 22, 59.	2.6	54
5	Caffeine and muscarinic antagonists act in synergy to inhibit haloperidol-induced catalepsy. Neuropharmacology, 2003, 45, 493-503.	2.0	46
6	A cholinergic input to the substantia nigra pars compacta increases striatal dopamine metabolism measured by in vivo voltammetry. Brain Research, 1992, 598, 114-120.	1.1	37
7	Treatment of Parkinson's disease: nanostructured sol–gel silica–dopamine reservoirs for controlled drug release in the central nervous system. International Journal of Nanomedicine, 2010, 6, 19.	3.3	36
8	5-HT1A, 5-HT2, and GABABreceptors interact to modulate neurotransmitter release probability in layer 2/3 somatosensory rat cortex as evaluated by the paired pulse protocol. Journal of Neuroscience Research, 2004, 78, 268-278.	1.3	32
9	Differential effects of caffeine on the antidepressant-like effect of amitriptyline in female rat subpopulations with low and high immobility in the forced swimming test. Physiology and Behavior, 2008, 94, 501-509.	1.0	26
10	Capsaicin produces antidepressant-like effects in the forced swimming test and enhances the response of a sub-effective dose of amitriptyline in rats. Physiology and Behavior, 2018, 195, 158-166.	1.0	21
11	Firing frequency modulation of substantia nigra reticulata neurons by 5-hydroxytryptamine. Neuroscience Research, 1997, 29, 225-231.	1.0	20
12	Selective A2A, but not A1 adenosine antagonists enhance the anticataleptic action of trihexyphenidyl in rats. Neuroscience Letters, 2003, 346, 1-4.	1.0	18
13	A novel automated rat catalepsy bar test system based on a RISC microcontroller. Journal of Neuroscience Methods, 2005, 146, 76-83.	1.3	14
14	Quinolinic acid lesions of the pedunculopontine nucleus impair sleep architecture, but not locomotion, exploration, emotionality or working memory in the rat. Behavioural Brain Research, 2011, 225, 482-490.	1.2	14
15	An automated Y-maze based on a reduced instruction set computer (RISC) microcontroller for the assessment of continuous spontaneous alternation in rats. Behavior Research Methods, 2016, 48, 1631-1643.	2.3	14
16	Circling behavior elicited by cholinergic transmission in the substantia nigra pars compacta: Involvement of nicotinic and muscarinic receptors. Neuroscience, 1996, 71, 729-734.	1.1	13
17	Sleep and memory deficits in the rat produced by experimental infection with Trypanosoma cruzi. Neuroscience Letters, 2001, 306, 65-68.	1.0	12
18	Sustained improvement of motor function in hemiparkinsonian rats chronically treated with low doses of caffeine or trihexyphenidyl. Pharmacology Biochemistry and Behavior, 2007, 86, 68-78.	1.3	12

#	Article	IF	Citations
19	Clinical doses of citalopram or reboxetine differentially modulate passive and active behaviors of female Wistar rats with high or low immobility time in the forced swimming test. Pharmacology Biochemistry and Behavior, 2013, 110, 89-97.	1.3	12
20	Treatment with subthreshold doses of caffeine plus trihexyphenidyl fully restores locomotion and exploratory activity in reserpinized rats. Neuroscience Letters, 2004, 367, 327-331.	1.0	11
21	The potency and efficacy of anticholinergics to inhibit haloperidol-induced catalepsy in rats correlates with their rank order of affinities for the muscarinic receptor subtypes. Neuropharmacology, 2014, 81, 176-187.	2.0	10
22	Circling behavior induced by microinjection of serotonin reuptake inhibitors in the substantia nigra. Pharmacology Biochemistry and Behavior, 2002, 71, 353-363.	1.3	9
23	Long-lasting resistance to haloperidol-induced catalepsy in male rats chronically treated with caffeine. Neuroscience Letters, 2009, 463, 210-214.	1.0	9
24	Caffeine has greater potency and efficacy than theophylline to reverse the motor impairment caused by chronic but not acute interruption of striatal dopaminergic transmission in rats. Neuropharmacology, 2013, 70, 51-62.	2.0	9
25	Synergism of theophylline and anticholinergics to inhibit haloperidol-induced catalepsy: A potential treatment for extrapyramidal syndromes. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 1465-1471.	2.5	8
26	Î²-Adrenergic blockade protects BALB/c mice against infection with a small inoculum of Leishmania mexicana mexicana (LV4). International Immunopharmacology, 2015, 24, 59-67.	1.7	7
27	Synergistic antidepressant-like effect of capsaicin and citalopram reduces the side effects of citalopram on anxiety and working memory in rats. Psychopharmacology, 2020, 237, 2173-2185.	1.5	7
28	Chronic feeding with 3% dried raw blueberries (V. corymbosum) reduces apomorphine-induced rotations and striatal dopaminergic loss in hemiparkinsonian rats. Food Research International, 2021, 140, 110066.	2.9	6
29	A system for automatic recording and analysis of motor activity in rats. Behavior Research Methods, 2013, 45, 183-190.	2.3	4
30	A digital programmable telemetric system for recording extracellular action potentials. Behavior Research Methods, 2009, 41, 352-358.	2.3	1
31	Light stimulation during postnatal development is not determinant for glutamatergic neurotransmission from the retinohypothalamic tract to the suprachiasmatic nucleus in rats. European Journal of Neuroscience, 2021, 54, 4497-4513.	1.2	1
32	Cross-Modulation Between GABAB and 5-HT Receptors: A Link Between Anxiety and Depression?. , 2007, , 103-111.		1
33	Caffeine Consumption and Prevention of Cognitive Decline. , 2015, , 879-889.		0
34	Potenciales fuentes de sesgo en los estudios de factores de riesgo y protecciÃ³n asociados a la Enfermedad de Parkinson. Archivos - Instituto Nacional De NeurologÃa Y NeurocirugÃa, 2020, 25, 6-18.	0.1	0