Juan J Canales

List of Publications by Year in Descending Order

66 papers	2,912 citations	30 h-index	53 g-index
73 ext. papers	3,145 ext. citations	5 avg, IF	5.14 L-index

#	Paper	IF	Citations
66	Effects of propranolol on the modification of trauma memory reconsolidation in PTSD patients: A systematic review and meta-analysis.. *Journal of Psychiatric Research*, **2022**, 150, 246-256	5.2	0
65	Diverse therapeutic developments for post-traumatic stress disorder (PTSD) indicate common mechanisms of memory modulation. **2022**, 108195		0
64	Asperuloside Enhances Taste Perception and Prevents Weight Gain in High-Fat Fed Mice. *Frontiers in Endocrinology*, **2021**, 12, 615446	5.7	2
63	Pooled Time Series Modeling Reveals Smoking Habit Memory Pattern. *Frontiers in Psychiatry*, **2020**, 11, 49	5	1
62	Asperuloside reduces food intake and body weight via downregulation of orexigenic hypothalamic signalling in a mouse model of metabolic syndrome.. *FASEB Journal*, **2020**, 34, 1-1	0.9	
61	Amelioration of age-related brain function decline by Bruton's tyrosine kinase inhibition. *Aging Cell*, **2020**, 19, e13079	9.9	8
60	Intensive longitudinal modelling predicts diurnal activity of salivary alpha-amylase. *PLoS ONE*, **2019**, 14, e0209475	3.7	1
59	A Neurophysiological and Behavioral Assessment of Interventions Targeting Attention Bias and Sense of Control in Binge Drinking. *Frontiers in Human Neuroscience*, **2018**, 12, 538	3.3	2
58	Replacement treatment during extinction training with the atypical dopamine uptake inhibitor, JHW-007, reduces relapse to methamphetamine seeking. *Neuroscience Letters*, **2018**, 671, 88-92	3.3	2
57	Trace amine-associated receptor 1: a multimodal therapeutic target for neuropsychiatric diseases. *Expert Opinion on Therapeutic Targets*, **2018**, 22, 513-526	6.4	32
56	A partial trace amine-associated receptor 1 agonist exhibits properties consistent with a methamphetamine substitution treatment. *Addiction Biology*, **2017**, 22, 1246-1256	4.6	32
55	Relapse to cocaine seeking in an invertebrate. *Pharmacology Biochemistry and Behavior*, **2017**, 157, 41-46	3.9	5
54	Interaction Between the Trace Amine-Associated Receptor 1 and the Dopamine D Receptor Controls Cocaine's Neurochemical Actions. *Scientific Reports*, **2017**, 7, 13901	4.9	21
53	Long-term cognitive, emotional and neurogenic alterations induced by alcohol and methamphetamine exposure in adolescent rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2017**, 74, 1-8	5.5	22
52	Influence of Peer-Based Needle Exchange Programs on Mental Health Status in People Who Inject Drugs: A Nationwide New Zealand Study. *Frontiers in Psychiatry*, **2016**, 7, 211	5	12
51	Trace Amines and the Trace Amine-Associated Receptor 1: Pharmacology, Neurochemistry, and Clinical Implications. *Frontiers in Neuroscience*, **2016**, 10, 148	5.1	76
50	Selective activation of the trace amine-associated receptor 1 decreases cocaine's reinforcing efficacy and prevents cocaine-induced changes in brain reward thresholds. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 63, 70-5	5.5	43

49	Chronic unilateral stimulation of the nucleus accumbens at high or low frequencies attenuates relapse to cocaine seeking in an animal model. *Brain Stimulation*, **2015**, 8, 57-63	5.1	27
48	The trace amine-associated receptor 1 modulates methamphetamineŽs neurochemical and behavioral effects. *Frontiers in Neuroscience*, **2015**, 9, 39	5.1	49
47	Prenatal exposure to alcohol and 3,4-methylenedioxymethamphetamine (ecstasy) alters adult hippocampal neurogenesis and causes enduring memory deficits. *Developmental Neuroscience*, **2014**, 36, 10-7	2.2	13
46	Activation of the trace amine-associated receptor 1 prevents relapse to cocaine seeking. *Neuropsychopharmacology*, **2014**, 39, 2299-308	8.7	61
45	Modulation of methamphetamineŽs locomotor stimulation and self-administration by JHW 007, an atypical dopamine reuptake blocker. *European Journal of Pharmacology*, **2014**, 731, 73-9	5.3	16
44	Substituting a long-acting dopamine uptake inhibitor for cocaine prevents relapse to cocaine seeking. *Addiction Biology*, **2013**, 18, 633-43	4.6	13
43	The atypical dopamine transport inhibitor, JHW 007, prevents amphetamine-induced sensitization and synaptic reorganization within the nucleus accumbens. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 44, 73-80	5.5	13
42	Deficient plasticity in the hippocampus and the spiral of addiction: focus on adult neurogenesis. *Current Topics in Behavioral Neurosciences*, **2013**, 15, 293-312	3.4	25
41	Trace amine-associated receptor 1 partial agonism reveals novel paradigm for neuropsychiatric therapeutics. *Biological Psychiatry*, **2012**, 72, 934-42	7.9	115
40	Exposure to N-ethyl-N-nitrosourea in adult mice alters structural and functional integrity of neurogenic sites. *PLoS ONE*, **2012**, 7, e29891	3.7	21
39	Monoamine transporters: vulnerable and vital doorkeepers. *Progress in Molecular Biology and Translational Science*, **2011**, 98, 1-46	4	34
38	Therapeutic-like properties of a dopamine uptake inhibitor in animal models of amphetamine addiction. *International Journal of Neuropsychopharmacology*, **2011**, 14, 655-65	5.8	16
37	Protein Traffic Is an Intracellular Target in Alcohol Toxicity. *Pharmaceuticals*, **2011**, 4, 741-757	5.2	6
36	Neurotoxicity and persistent cognitive deficits induced by combined MDMA and alcohol exposure in adolescent rats. *Addiction Biology*, **2010**, 15, 413-23	4.6	35
35	Chronic ethanol exposure alters the levels, assembly, and cellular organization of the actin cytoskeleton and microtubules in hippocampal neurons in primary culture. *Toxicological Sciences*, **2010**, 118, 602-12	4.4	41
34	Endocytosis in cultured neurons is altered by chronic alcohol exposure. *Toxicological Sciences*, **2010**, 115, 202-13	4.4	24
33	Enhanced habit-based learning and decreased neurogenesis in the adult hippocampus in a murine model of chronic social stress. *Behavioural Brain Research*, **2010**, 210, 134-9	3.4	77
32	The high affinity dopamine uptake inhibitor, JHW 007, blocks cocaine-induced reward, locomotor stimulation and sensitization. *European Neuropsychopharmacology*, **2010**, 20, 501-8	1.2	29

31	Comparative neuroscience of stimulant-induced memory dysfunction: role for neurogenesis in the adult hippocampus. *Behavioural Pharmacology*, **2010**, 21, 379-93	2.4	35
30	The dopamine uptake inhibitor 3 alpha-[bis(4Ƶfluorophenyl)metoxy]-tropane reduces cocaine-induced early-gene expression, locomotor activity, and conditioned reward. *Neuropsychopharmacology*, **2009**, 34, 2497-507	8.7	27
29	A dopamine transport inhibitor with markedly low abuse liability suppresses cocaine self-administration in the rat. *Psychopharmacology*, **2009**, 207, 281-9	4.7	30
28	Inhibition of adult hippocampal neurogenesis disrupts contextual learning but spares spatial working memory, long-term conditional rule retention and spatial reversal. *Neuroscience*, **2009**, 159, 59-68	3.9	108
27	The hippocampal dentate gyrus is essential for generating contextual memories of fear and drug-induced reward. *Neurobiology of Learning and Memory*, **2008**, 90, 553-9	3.1	88
26	Influence of massed and distributed context preexposure on contextual fear and Egr-1 expression in the basolateral amygdala. *Physiology and Behavior*, **2008**, 93, 206-14	3.5	10
25	Environmental enrichment reduces the function of D1 dopamine receptors in the prefrontal cortex of the rat. *Journal of Neural Transmission*, **2007**, 114, 43-8	4.3	62
24	Adult neurogenesis and the memories of drug addiction. *European Archives of Psychiatry and Clinical Neuroscience*, **2007**, 257, 261-70	5.1	74
23	Rewarding effects of 3,4-methylenedioxymethamphetamine ("Ecstasy") in dominant and subordinate OF-1 mice in the place preference conditioning paradigm. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2007**, 31, 191-9	5.5	10
22	Spared place and object-place learning but limited spatial working memory capacity in rats with selective lesions of the dentate gyrus. *Brain Research Bulletin*, **2007**, 72, 315-23	3.9	29
21	Binge administration of 3,4-methylenedioxymethamphetamine ("ecstasy") impairs the survival of neural precursors in adult rat dentate gyrus. *Neuropharmacology*, **2006**, 51, 967-73	5.5	38
20	Chronic cocaine exposure impairs progenitor proliferation but spares survival and maturation of neural precursors in adult rat dentate gyrus. *European Journal of Neuroscience*, **2006**, 24, 586-94	3.5	91
19	Stimulant-induced adaptations in neostriatal matrix and striosome systems: transiting from instrumental responding to habitual behavior in drug addiction. *Neurobiology of Learning and Memory*, **2005**, 83, 93-103	3.1	84
18	Intermittent cortical stimulation evokes sensitization to cocaine and enduring changes in matrix and striosome neuron responsiveness. *Synapse*, **2005**, 57, 56-60	2.4	10
17	Catalase-independent early-gene expression in rat brain following acute ethanol exposure. *Brain Research*, **2004**, 1016, 96-101	3.7	14
16	Chronic hyperammonemia alters motor and neurochemical responses to activation of group I metabotropic glutamate receptors in the nucleus accumbens in rats in vivo. *Neurobiology of Disease* , **2003**, 14, 380-90	7.5	41
15	Chronic exposure to 2,5-hexanedione impairs the glutamate-nitric oxide-cyclic GMP pathway in cerebellar neurons in culture and in rat brain in vivo. *Neurochemistry International*, **2003**, 42, 525-33	4.4	11
14	Shifts in striatal responsivity evoked by chronic stimulation of dopamine and glutamate systems. *Brain*, **2002**, 125, 2353-63	11.2	36

13	Prevention of in vivo excitotoxicity by a family of trialkylglycines, a novel class of neuroprotectants. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 301, 29-36	4.7	25
12	Molecular mechanism of acute ammonia toxicity: role of NMDA receptors. *Neurochemistry International*, **2002**, 41, 95-102	4.4	73
11	Concurrent activation of dopamine D1 and D2 receptors is required to evoke neural and behavioral phenotypes of cocaine sensitization. *Journal of Neuroscience*, **2002**, 22, 6218-27	6.6	90
10	Aluminium impairs the glutamate-nitric oxide-cGMP pathway in cultured neurons and in rat brain in vivo: molecular mechanisms and implications for neuropathology. *Journal of Inorganic Biochemistry*, **2001**, 87, 63-9	4.2	47
9	The neurobiology of repetitive behaviors: clues to the neurobiology of Tourette syndrome. *Advances in Neurology*, **2001**, 85, 123-31		41
8	Dynamic dopamine receptor interactions in the core and shell of nucleus accumbens differentially coordinate the expression of unconditioned motor behaviors. *Synapse*, **2000**, 36, 297-306	2.4	25
7	A measure of striatal function predicts motor stereotypy. *Nature Neuroscience*, **2000**, 3, 377-83	25.5	346
6	Psychomotor-activating effects mediated by dopamine D(2) and D(3) receptors in the nucleus accumbens. *Pharmacology Biochemistry and Behavior*, **2000**, 67, 161-8	3.9	17
5	The role of nigral and thalamic output pathways in the expression of oral stereotypies induced by amphetamine injections into the striatum. *Brain Research*, **2000**, 856, 176-83	3.7	25
4	Levodopa-induced dyskinesias and dopamine-dependent stereotypies: a new hypothesis. *Trends in Neurosciences*, **2000**, 23, S71-7	13.3	184
3	Patterns of gene expression and behavior induced by chronic dopamine treatments. *Annals of Neurology*, **2000**, 47, S53-9	9.4	37
2	Behavioural topography in the striatum: differential effects of quinpirole and D-amphetamine microinjections. *European Journal of Pharmacology*, **1998**, 362, 111-9	5.3	21
1	A Rap guanine nucleotide exchange factor enriched highly in the basal ganglia. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 13278-83	11.5	308