Carla Sanchis-Segura

List of Publications by Year
in descending order

73 papers	4,246 citations	136885 32 h-index	110317 64 g-index
77 all docs	77 docs citations	77 times ranked	4982 citing authors

#	Article	IF	Citations
1	The clock gene Per2 influences the glutamatergic system and modulates alcohol consumption. Nature Medicine, 2005, 11, 35-42.	15.2	598
2	Behavioural assessment of drug reinforcement and addictive features in rodents: an overview. Addiction Biology, 2006, 11, 2-38.	1.4	572
3	Glutamate Receptors on Dopamine Neurons Control the Persistence of Cocaine Seeking. Neuron, 2008, 59, 497-508.	3.8	224
4	IL-6 knockout mice exhibit resistance to stress-induced development of depression-like behaviors. Neurobiology of Disease, 2006, 23, 587-594.	2.1	218
5	Ambiguous-Cue Interpretation is Biased Under Stress- and Depression-Like States in Rats. Neuropsychopharmacology, 2010, 35, 1008-1015.	2.8	192
6	Learned helplessness: Validity and reliability of depressive-like states in mice. Brain Research Protocols, 2005, 16, 70-78.	1.7	176
7	Modulation of Chromatin Modification Facilitates Extinction of Cocaine-Induced Conditioned Place Preference. Biological Psychiatry, 2010, 67, 36-43.	0.7	168
8	Reduced sensitivity to reward in CB1 knockout mice. Psychopharmacology, 2004, 176, 223-232.	1.5	141
9	Selective Boosting of Transcriptional and Behavioral Responses to Drugs of Abuse by Histone Deacetylase Inhibition. Neuropsychopharmacology, 2009, 34, 2642-2654.	2.8	127
10	Involvement of the AMPA Receptor GluR-C Subunit in Alcohol-Seeking Behavior and Relapse. Journal of Neuroscience, 2006, 26, 1231-1238.	1.7	119
11	Have we been ignoring the elephant in the room? Seven arguments for considering the cerebellum as part of addiction circuitry. Neuroscience and Biobehavioral Reviews, 2016, 60, 1-11.	2.9	95
12	Social and structural housing conditions influence the development of a depressive-like phenotype in the learned helplessness paradigm in male mice. Behavioural Brain Research, 2005, 164, 100-106.	1.2	90
13	Automated scoring of fear-related behavior using EthoVision software. Journal of Neuroscience Methods, 2009, 178, 323-326.	1.3	75
14	Why we should consider sex (and study sex differences) in addiction research. Addiction Biology, 2016, 21, 995-1006.	1.4	70
15	The Catalase Inhibitor Sodium Azide Reduces Ethanol-Induced Locomotor Activity. Alcohol, 1999, 19, 37-42.	0.8	62
16	The effects of enriched environment on BDNF expression in the mouse cerebellum depending on the length of exposure. Behavioural Brain Research, 2013, 243, 118-128.	1.2	62
17	Ethanol-stimulated behaviour in mice is modulated by brain catalase activity and H 2 O 2 rate of production. Psychopharmacology, 2002, 165, 51-59.	1.5	61
18	Ethanol self-administration and reinstatement of ethanol-seeking behavior in Per1 Brdm1 mutant mice. Psychopharmacology, 2007, 190, 13-19.	1.5	57

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19	Cyanamide reduces brain catalase and ethanol-induced locomotor activity: is there a functional link?. Psychopharmacology, 1999, 144, 83-89.	1.5	53
20	Sex differences in gray matter volume: how many and how large are they really?. Biology of Sex Differences, 2019, 10, 32.	1.8	51
21	Involving the cerebellum in cocaine-induced memory: pattern of cFos expression in mice trained to acquire conditioned preference for cocaine. Addiction Biology, 2014, 19, 61-76.	1.4	46
22	The cerebellum on cocaine: plasticity and metaplasticity. Addiction Biology, 2015, 20, 941-955.	1.4	46
23	Brain catalase activity is highly correlated with ethanol-induced locomotor activity in mice. Physiology and Behavior, 2001, 73, 641-647.	1.0	45
24	Effects of Chronic Lead Administration on Ethanol-Induced Locomotor and Brain Catalase Activity. Alcohol, 1999, 19, 43-49.	0.8	44
25	Effects of different intracranial volume correction methods on univariate sex differences in grey matter volume and multivariate sex prediction. Scientific Reports, 2020, 10, 12953.	1.6	39
26	Hippocampal dysfunction is associated with memory impairment in multiple sclerosis: A volumetric and functional connectivity study. Multiple Sclerosis Journal, 2017, 23, 1854-1863.	1.4	38
27	Ethanol intake and motor sensitization: the role of brain catalase activity in mice with different genotypes. Physiology and Behavior, 2004, 82, 231-240.	1.0	37
28	Reduced sensitivity to sucrose in rats bred for helplessness: a study using the matching law. Behavioural Pharmacology, 2005, 16, 267-270.	0.8	37
29	Influence of brain catalase on ethanol-induced loss of righting reflex in mice. Drug and Alcohol Dependence, 2001, 65, 9-15.	1.6	36
30	Loss of the Ca ²⁺ /calmodulin-dependent protein kinase type IV in dopaminoceptive neurons enhances behavioral effects of cocaine. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17549-17554.	3.3	36
31	Cerebellar perineuronal nets in cocaine-induced pavlovian memory: Site matters. Neuropharmacology, 2017, 125, 166-180.	2.0	35
32	Daily injections of cyanamide enhance both ethanol-induced locomotion and brain catalase activity. Behavioural Pharmacology, 1999, 10, 459-465.	0.8	34
33	AcuteLead Acetate Administration Potentiates Ethanol-Induced Locomotor Activity in Mice: The Role of Brain Catalase. Alcoholism: Clinical and Experimental Research, 1999, 23, 799-805.	1.4	33
34	Development of morphine-induced tolerance and withdrawal: Involvement of the clock gene mPer2. European Neuropsychopharmacology, 2010, 20, 509-517.	0.3	33
35	Lession on the hypothalamic arcuate nucleus by estradiol valerate results in a blockade of ethanol-induced locomotion. Behavioural Brain Research, 2000, 114, 57-63.	1.2	32
36	Effect of selective antagonism of mu(1)-, mu(1/2)-, mu(3)-, and delta-opioid receptors on the locomotor-stimulating actions of ethanol. Drug and Alcohol Dependence, 2005, 78, 289-295.	1.6	32

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37	Role of the Endogenous Opioid System on the Neuropsychopharmacological Effects of Ethanol: New Insights About an Old Question. Alcoholism: Clinical and Experimental Research, 2005, 29, 1522-1527.	1.4	31
38	Cocaine-induced plasticity in the cerebellum of sensitised mice. Psychopharmacology, 2015, 232, 4455-4467.	1.5	30
39	Catalase inhibition in the Arcuate nucleus blocks ethanol effects on the locomotor activity of rats. Neuroscience Letters, 2005, 376, 66-70.	1.0	29
40	Do Gender-Related Stereotypes Affect Spatial Performance? Exploring When, How and to Whom Using a Chronometric Two-Choice Mental Rotation Task. Frontiers in Psychology, 2018, 9, 1261.	1.1	29
41	Neonatal administration of monosodium glutamate prevents the development of ethanol- but not psychostimulant-induced sensitization: a putative role of the arcuate nucleus. European Journal of Neuroscience, 2003, 17, 2163-2170.	1.2	26
42	Epigenetic mechanisms underlying extinction of memory and drug-seeking behavior. Mammalian Genome, 2009, 20, 612-623.	1.0	25
43	Opposite effects of acute versus chronic naltrexone administration on ethanol-induced locomotion. Behavioural Brain Research, 2004, 153, 61-67.	1.2	22
44	Etomidate and propofol-hyposensitive GABAA receptor Î²3(N265M) mice show little changes in acute alcohol sensitivity but enhanced tolerance and withdrawal. Neuroscience Letters, 2007, 416, 275-278.	1.0	21
45	Cerebellar hallmarks of conditioned preference for cocaine. Physiology and Behavior, 2014, 132, 24-35.	1.0	21
46	Consequences of monosodium glutamate or goldthioglucose arcuate nucleus lesions on ethanol-induced locomotion. Drug and Alcohol Dependence, 2002, 68, 189-194.	1.6	20
47	Deletion of Go2Î± abolishes cocaineâ€induced behavioral sensitization by disturbing the striatal dopamine system. FASEB Journal, 2008, 22, 3736-3746.	0.2	16
48	Intracerebroventricular effects of angiotensin II on a step-through passive avoidance task in rats. Neurobiology of Learning and Memory, 2004, 81, 100-103.	1.0	15
49	Increased regional gray matter atrophy and enhanced functional connectivity in male multiple sclerosis patients. Neuroscience Letters, 2016, 630, 154-157.	1.0	15
50	The use of transgenic mice to study addictive behavior. Clinical Neuroscience Research, 2003, 3, 325-331.	0.8	14
51	mPer1 promotes morphine-induced locomotor sensitization and conditioned place preference via histone deacetylase activity. Psychopharmacology, 2017, 234, 1713-1724.	1.5	14
52	Beyond â€œsex predictionâ€: Estimating and interpreting multivariate sex differences and similarities in the brain. NeuroImage, 2022, 257, 119343.	2.1	14
53	Brain Catalase Activity Inhibition as Well as Opioid Receptor Antagonism Increases Ethanol-Induced HPA Axis Activation. Alcoholism: Clinical and Experimental Research, 2004, 28, 1898-1906.	1.4	11
54	A phenotype-driven ENU mutagenesis screen for the identification of dominant mutations involved in alcohol consumption. Mammalian Genome, 2008, 19, 77-84.	1.0	11

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55	Inhibition of cAMP responsive element binding protein in striatal neurons enhances approach and avoidance responses towards morphine- and morphine withdrawal-related cues. Frontiers in Behavioral Neuroscience, 2009, 3, 30.	1.0	11
56	The ethanol-induced open-field activity in rodents treated with isethionic acid, a central metabolite of taurine. Life Sciences, 1999, 64, 1613-1621.	2.0	8
57	Lead-induced catalase activity differentially modulates behaviors induced by short-chain alcohols. Pharmacology Biochemistry and Behavior, 2005, 82, 443-452.	1.3	8
58	Exploring Neural Efficiency in Multiple Sclerosis Patients during the Symbol Digit Modalities Test: A Functional Magnetic Resonance Imaging Study. Neurodegenerative Diseases, 2017, 17, 199-207.	0.8	8
59	Subcortical grey matter structures in multiple sclerosis. NeuroReport, 2018, 29, 547-552.	0.6	8
60	Repeated Working Memory Training Improves Task Performance and Neural Efficiency in Multiple Sclerosis Patients and Healthy Controls. Multiple Sclerosis International, 2019, 2019, 1-13.	0.4	8
61	Amphetamine regulates NR2B expression in Go2Î± knockout mice and thereby sustains behavioral sensitization. Journal of Neurochemistry, 2010, 115, 234-246.	2.1	4
62	Enhanced frontoparietal connectivity in multiple sclerosis patients and healthy controls in response to an intensive computerized training focused on working memory. Multiple Sclerosis and Related Disorders, 2021, 52, 102976.	0.9	4
63	INVOLVEMENT OF M1-OPIOID RECEPTOR IN ETHANOL-INDUCED MOTOR BEHAVIORS: A STUDY WITH NALOXONAZINE.. Alcoholism: Clinical and Experimental Research, 2004, 28, 17A.	1.4	0
64	Methods for Behavioural Assessment of Drug-Reinforcement and Addictive Features. , 2006, , 181-222.		0
65	NS.3.4 - INVOLVEMENT OF THE CEREBELLUM, INFERIOR OLIVA AND PONTINE NUCLEI IN COCAINE-INDUCED MEMORY. Behavioural Pharmacology, 2013, 24, e21.	0.8	0
66	C.1 - RETHINKING THE ROLE OF ENVIRONMENTAL ENRICHMENT IN COCAINE-DEPENDENT INDUCTION OF Î"FOSB. Behavioural Pharmacology, 2013, 24, e30.	0.8	0
67	H.4 - INVOLVEMENT OF THE CEREBELLUM, INFERIOR OLIVA AND PONTINE NUCLEI IN COCAINE-INDUCED MEMORY. Behavioural Pharmacology, 2013, 24, e61.	0.8	0
68	The Cerebellar Landscape of Drug Addiction. , 2016, , 209-218.		0
69	VOLANTARY ETHONAL CONSUMTION AND STRESS-INDUCED DRINKING IN ORL-1 KNOCKOUT MICE.. Alcoholism: Clinical and Experimental Research, 2004, 28, 15A.	1.4	0
70	FROM NEUROCHEMISTRY TO NEUROANATOMY: THE HYPOTHALAMIC ARCUATE NUCLEUS AS A MAIN SITE FOR ETHANOL-OPIOIDS INTERACTION.. Alcoholism: Clinical and Experimental Research, 2004, 28, 85A.	1.4	0
71	INTERACTION OF ETHANOL AND CLOCK GENES.. Alcoholism: Clinical and Experimental Research, 2004, 28, 60A.	1.4	0
72	HABITUATION TO TEST PROCEDURE MODULATES THE ROLE OF DOPAMINE IN ETHANOL-INDUCED BEHAVIORAL STIMULATION.. Alcoholism: Clinical and Experimental Research, 2004, 28, 16A.	1.4	0

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73	Epigenetic Mechanisms in Drug Addiction and its Clinical Management. , 2012, , 90-138.		0