Carrie R Ferrario

List of Publications by Year
in descending order

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Version: 2024-02-01

50 papers	2,645 citations	218677 26 h-index	214800 47 g-index
60 all docs	60 docs citations	60 times ranked	2706 citing authors

#	Article	IF	Citations
1	Neural and Behavioral Plasticity Associated with the Transition from Controlled to Escalated Cocaine Use. Biological Psychiatry, 2005, 58, 751-759.	1.3	244
2	AMPA receptor plasticity in the nucleus accumbens after repeated exposure to cocaine. Neuroscience and Biobehavioral Reviews, 2010, 35, 185-211.	6.1	244
3	Homeostasis Meets Motivation in the Battle to Control Food Intake. Journal of Neuroscience, 2016, 36, 11469-11481.	3.6	183
4	Individual Differences in Cue-Induced Motivation and Striatal Systems in Rats Susceptible to Diet-Induced Obesity. Neuropsychopharmacology, 2015, 40, 2113-2123.	5.4	164
5	Monitoring Dopamine in Vivo by Microdialysis Sampling and On-Line CE-Laser-Induced Fluorescence. Analytical Chemistry, 2006, 78, 6717-6725.	6.5	134
6	Eating â€˜Junk-Foodâ€™ Produces Rapid and Long-Lasting Increases in NAc CP-AMPA Receptors: Implications for Enhanced Cue-Induced Motivation and Food Addiction. Neuropsychopharmacology, 2016, 41, 2977-2986.	5.4	124
7	Alterations in AMPA receptor subunits and TARPs in the rat nucleus accumbens related to the formation of Ca2+-permeable AMPA receptors during the incubation of cocaine craving. Neuropharmacology, 2011, 61, 1141-1151.	4.1	99
8	Insulin-mediated synaptic plasticity in the CNS: Anatomical, functional and temporal contexts. Neuropharmacology, 2018, 136, 182-191.	4.1	96
9	Protein synthesis in the amygdala, but not the auditory thalamus, is required for consolidation of Pavlovian fear conditioning in rats. European Journal of Neuroscience, 2003, 18, 3080-3088.	2.6	91
10	Enhanced cocaine-induced locomotor sensitization and intrinsic excitability of NAc medium spiny neurons in adult but not in adolescent rats susceptible to diet-induced obesity. Psychopharmacology, 2016, 233, 773-784.	3.1	86
11	Signaling pathway adaptations and novel protein kinase A substrates related to behavioral sensitization to cocaine. Journal of Neurochemistry, 2009, 110, 363-377.	3.9	80
12	The Role of Glutamate Receptor Redistribution in Locomotor Sensitization to Cocaine. Neuropsychopharmacology, 2010, 35, 818-833.	5.4	80
13	Different Roles of BDNF in Nucleus Accumbens Core versus Shell during the Incubation of Cue-Induced Cocaine Craving and Its Long-Term Maintenance. Journal of Neuroscience, 2013, 33, 1130-1142.	3.6	72
14	Interacting Epidemics and Coinfection on Contact Networks. PLoS ONE, 2013, 8, e71321.	2.5	65
15	Enhanced incentive motivation in obesity-prone rats is mediated by NAc core CP-AMPARs. Neuropharmacology, 2018, 131, 326-336.	4.1	60
16	Amphetamine pretreatment accelerates the subsequent escalation of cocaine self-administration behavior. European Neuropsychopharmacology, 2007, 17, 352-357.	0.7	59
17	A Protein Crossâ€Linking Assay for Measuring Cell Surface Expression of Glutamate Receptor Subunits in the Rodent Brain After In Vivo Treatments. Current Protocols in Neuroscience, 2012, 59, Unit 5.30.1-19.	2.6	49
18	Dopamine â€˜ups and downsâ€™ in addiction revisited. Trends in Neurosciences, 2021, 44, 516-526.	8.6	49

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19	Pre-existing differences in motivation for food and sensitivity to cocaine-induced locomotion in obesity-prone rats. Physiology and Behavior, 2015, 152, 151-160.	2.1	42
20	Food Addiction and Obesity. Neuropsychopharmacology, 2017, 42, 361-361.	5.4	37
21	Structural and Functional Plasticity within the Nucleus Accumbens and Prefrontal Cortex Associated with Time-Dependent Increases in Food Cue-Seeking Behavior. Neuropsychopharmacology, 2017, 42, 2354-2364.	5.4	37
22	Eating â€œjunk foodâ€•has opposite effects on intrinsic excitability of nucleus accumbens core neurons in obesity-susceptible versus -resistant rats. Journal of Neurophysiology, 2019, 122, 1264-1273.	1.8	35
23	Intermittent access cocaine self-administration produces psychomotor sensitization: effects of withdrawal, sex and cross-sensitization. Psychopharmacology, 2020, 237, 1795-1812.	3.1	34
24	Motivational Processes Underlying Substance Abuse Disorder. Current Topics in Behavioral Neurosciences, 2015, 27, 473-506.	1.7	33
25	The rate of intravenous cocaine administration alters c-fos mRNA expression and the temporal dynamics of dopamine, but not glutamate, overflow in the striatum. Brain Research, 2008, 1209, 151-156.	2.2	32
26	The rate of intravenous cocaine or amphetamine delivery does not influence drug-taking and drug-seeking behavior in rats. Pharmacology Biochemistry and Behavior, 2008, 90, 797-804.	2.9	32
27	Distribution of AMPA receptor subunits and TARPs in synaptic and extrasynaptic membranes of the adult rat nucleus accumbens. Neuroscience Letters, 2011, 490, 180-184.	2.1	32
28	Effects of the estrous cycle and ovarian hormones on cue-triggered motivation and intrinsic excitability of medium spiny neurons in the Nucleus Accumbens core of female rats. Hormones and Behavior, 2019, 116, 104583.	2.1	32
29	Stretch injury selectively enhances extrasynaptic, GluN2B-containing NMDA receptor function in cortical neurons. Journal of Neurophysiology, 2013, 110, 131-140.	1.8	28
30	Insulin Bidirectionally Alters NAc Glutamatergic Transmission: Interactions between Insulin Receptor Activation, Endogenous Opioids, and Glutamate Release. Journal of Neuroscience, 2021, 41, 2360-2372.	3.6	28
31	Enhanced anxiety-like behavior emerges with weight gain in male and female obesity-susceptible rats. Behavioural Brain Research, 2019, 360, 81-93.	2.2	27
32	Preâ€existing differences and dietâ€induced alterations in striatal dopamine systems of obesityâ€prone rats. Obesity, 2016, 24, 670-677.	3.0	26
33	Sex specific effects of â€œjunk-foodâ€•diet on calcium permeable AMPA receptors and silent synapses in the nucleus accumbens core. Neuropsychopharmacology, 2021, 46, 569-578.	5.4	25
34	Why did I eat that? Contributions of individual differences in incentive motivation and nucleus accumbens plasticity to obesity. Physiology and Behavior, 2020, 227, 113114.	2.1	24
35	Functional and structural plasticity contributing to obesity: roles for sex, diet, and individual susceptibility. Current Opinion in Behavioral Sciences, 2018, 23, 160-170.	3.9	19
36	Effects of acute cocaine or dopamine receptor agonists on AMPA receptor distribution in the rat nucleus accumbens. Synapse, 2011, 65, 54-63.	1.2	18

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37	Junk-food enhances conditioned food cup approach to a previously established food cue, but does not alter cue potentiated feeding; implications for the effects of palatable diets on incentive motivation. Physiology and Behavior, 2018, 192, 145-157.	2.1	18
38	Withdrawal from Cocaine Self-Administration Alters NMDA Receptor-Mediated Ca2+ Entry in Nucleus Accumbens Dendritic Spines. PLoS ONE, 2012, 7, e40898.	2.5	17
39	Knock-In Rat Lines with Cre Recombinase at the Dopamine D1 and Adenosine 2a Receptor Loci. ENeuro, 2019, 6, ENEURO.0163-19.2019.	1.9	14
40	Sex and region-specific effects of high fat diet on PNNs in obesity susceptible rats. Physiology and Behavior, 2020, 222, 112963.	2.1	13
41	An improved demand curve for analysis of food or drug consumption in behavioral experiments. Psychopharmacology, 2020, 237, 943-955.	3.1	12
42	Effects of hM4Di activation in CamKII basolateral amygdala neurons and CNO treatment on sensory-specific vs. general PIT: refining PIT circuits and considerations for using CNO. Psychopharmacology, 2020, 237, 1249-1266.	3.1	12
43	Affective Pavlovian motivation is enhanced in obesity susceptible populations: Implications for incentive motivation in obesity. Behavioural Brain Research, 2020, 380, 112318.	2.2	11
44	Adenylyl Cyclase 1 Is Required for Ethanol-Induced Locomotor Sensitization and Associated Increases in NMDA Receptor Phosphorylation and Function in the Dorsal Medial Striatum. Journal of Pharmacology and Experimental Therapeutics, 2017, 363, 148-155.	2.5	8
45	Cocaine and desipramine elicit distinct striatal noradrenergic and behavioral responses in selectively bred obesity-resistant and obesity-prone rats. Behavioural Brain Research, 2018, 346, 137-143.	2.2	3
46	Intra-NAc insulin reduces the motivation for food and food intake without altering cue-triggered food-seeking. Physiology and Behavior, 2022, 254, 113892.	2.1	3
47	Role of hippocampal 5-HT1A receptors in the antidepressant-like phenotype of mice expressing RGS-insensitive Gî±i2 protein. Neuropharmacology, 2018, 141, 296-304.	4.1	2
48	Studying dopamine in addiction: the cart should follow the horse. Trends in Neurosciences, 2021, 44, 595-596.	8.6	0
49	Individual differences in conditioned approach and cocaineâ€induced locomotor activity in obesityâ€susceptible rats. FASEB Journal, 2019, 33, 805.1.	0.5	0
50	Insulin enhances presynaptic glutamate release via opioid receptorâ€mediated disinhibition. FASEB Journal, 2019, 33, 663.10.	0.5	0