Carmela M Reichel

List of Publications by Year
in descending order

64	2,266	218677	233421
papers	citations	26 h-index	45 g-index

67	67	67	1950
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemogenetic inhibition of corticostriatal circuits reduces cued reinstatement of methamphetamine seeking. Addiction Biology, 2022, 27, e13097.	2.6	10
2	Cannabinoid use is enhanced by stress and changes conditioned stress responses. Neuropsychopharmacology, 2022, 47, 1037-1045.	5.4	1
3	The role of the anterior insula during targeted helping behavior in male rats. Scientific Reports, 2022, 12, 3315.	3.3	11
4	264 Challenges of Sex Differences Research in Neuroscience: The role of central estradiol in heroin extinction memory retention in male and female rodents. Journal of Clinical and Translational Science, 2022, 6, 44-44.	0.6	0
5	Unraveling oxytocinâ€™s peripheral vs. central mechanisms. Neuropsychopharmacology, 2021, 46, 273-274.	5.4	4
6	Behavioral and accumbens synaptic plasticity induced by cues associated with restraint stress. Neuropsychopharmacology, 2021, 46, 1848-1856.	5.4	18
7	Consideration of sex as a biological variable in the translation of pharmacotherapy for stress-associated drug seeking. Neurobiology of Stress, 2021, 15, 100364.	4.0	8
8	Current rodent models for the study of empathic processes. Behavioural Pharmacology, 2021, 32, 96-111.	1.7	8
9	Complex Interactions Between Sex and Stress on Heroin Seeking. Frontiers in Neuroscience, 2021, 15, 784365.	2.8	0
10	Acute ovarian hormone treatment in freely cycling female rats regulates distinct aspects of heroin seeking. Learning and Memory, 2020, 27, 6-11.	1.3	28
11	Rats display empathic behavior independent of the opportunity for social interaction. Neuropsychopharmacology, 2020, 45, 1097-1104.	5.4	31
12	Long-term impact of acute restraint stress on heroin self-administration, reinstatement, and stress reactivity. Psychopharmacology, 2020, 237, 1709-1721.	3.1	13
13	Non-addictive orally-active kappa opioid agonists for the treatment of peripheral pain in rats. European Journal of Pharmacology, 2019, 856, 172396.	3.5	29
14	Methamphetamine Self-Administration Elicits Sex-Related Changes in Postsynaptic Glutamate Transmission in the Prefrontal Cortex. ENeuro, 2019, 6, ENEURO.0401-18.2018.	1.9	33
15	Effects of Methamphetamine Self-Administration and Extinction on Astrocyte Structure and Function in the Nucleus Accumbens Core. Neuroscience, 2019, 406, 528-541.	2.3	60
16	Targeting Peripheral Kappa Opioid Receptors for the Treatment of Chronic Pain: Review Article.. , 2019, 1, 16-19.		0
17	Regionally Specific Effects of Oxytocin on Reinstatement of Cocaine Seeking in Male and Female Rats. International Journal of Neuropsychopharmacology, 2018, 21, 677-686.	2.1	38
18	Oxytocin and Rodent Models of Addiction. International Review of Neurobiology, 2018, 140, 201-247.	2.0	50

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19	Chemogenetic activation of the perirhinal cortex reverses methamphetamine-induced memory deficits and reduces relapse. Learning and Memory, 2018, 25, 410-415.	1.3	13
20	Oxytocin Acts in Nucleus Accumbens to Attenuate Methamphetamine Seeking and Demand. Biological Psychiatry, 2017, 81, 949-958.	1.3	84
21	Antagonism of mGlu2/3 receptors in the nucleus accumbens prevents oxytocin from reducing cued methamphetamine seeking in male and female rats. Pharmacology Biochemistry and Behavior, 2017, 161, 13-21.	2.9	40
22	Methamphetamine self-administration modulates glutamate neurophysiology. Brain Structure and Function, 2017, 222, 2031-2039.	2.3	27
23	Oxytocin reduces cocaine cued fos activation in a regionally specific manner. International Journal of Neuropsychopharmacology, 2017, 20, 844-854.	2.1	23
24	Abstinence from Cocaine-Induced Conditioned Place Preference Produces Discrete Changes in Glutamatergic Synapses onto Deep Layer 5/6 Neurons from Prelimbic and Infralimbic Cortices. ENeuro, 2017, 4, ENEURO.0308-17.2017.	1.9	13
25	(313) Development of a peptide-derived orally-active kappa-opioid receptor agonists for peripheral pain in rats. Journal of Pain, 2016, 17, S54.	1.4	0
26	Oxytocin decreases cocaine taking, cocaine seeking, and locomotor activity in female rats.. Experimental and Clinical Psychopharmacology, 2016, 24, 55-64.	1.8	47
27	Chronic methamphetamine self-administration disrupts cortical control of cognition. Neuroscience and Biobehavioral Reviews, 2016, 69, 36-48.	6.1	70
28	Extended cocaine-seeking produces a shift from goal-directed to habitual responding in rats. Physiology and Behavior, 2016, 164, 330-335.	2.1	25
29	Effects of oxytocin on methamphetamine-seeking exacerbated by predator odor pre-exposure in rats. Psychopharmacology, 2016, 233, 1015-1024.	3.1	29
30	Cocaine and methamphetamine induce opposing changes in BOLD signal response in rats. Brain Research, 2016, 1642, 497-504.	2.2	11
31	Perirhinal Cortex mGlu5 Receptor Activation Reduces Relapse to Methamphetamine Seeking by Restoring Novelty Salience. Neuropsychopharmacology, 2016, 41, 1477-1485.	5.4	14
32	Oxytocin differentially affects sucrose taking and seeking in male and female rats. Behavioural Brain Research, 2015, 283, 184-190.	2.2	36
33	Failure to Recognize Novelty after Extended Methamphetamine Self-Administration Results from Loss of Long-Term Depression in the Perirhinal Cortex. Neuropsychopharmacology, 2015, 40, 2526-2535.	5.4	27
34	Modafinil restores methamphetamine induced object-in-place memory deficits in rats independent of glutamate N -methyl- d -aspartate receptor expression. Drug and Alcohol Dependence, 2014, 134, 115-122.	3.2	24
35	Sex differences in methamphetamine seeking in rats: Impact of oxytocin. Psychoneuroendocrinology, 2013, 38, 2343-2353.	2.7	136
36	Chronic N-acetylcysteine after cocaine self-administration produces enduring reductions in drug-seeking. Neuropsychopharmacology, 2012, 37, 298-298.	5.4	4

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37	Chronic modafinil effects on drug-seeking following methamphetamine self-administration in rats. International Journal of Neuropsychopharmacology, 2012, 15, 919-929.	2.1	23
38	Methamphetamine-induced changes in the object recognition memory circuit. Neuropharmacology, 2012, 62, 1119-1126.	4.1	105
39	Sex differences in escalation of methamphetamine self-administration: cognitive and motivational consequences in rats. Psychopharmacology, 2012, 223, 371-380.	3.1	123
40	Extinction-Dependent Alterations in Corticostriatal mGluR2/3 and mGluR7 Receptors following Chronic Methamphetamine Self-Administration in Rats. PLoS ONE, 2012, 7, e34299.	2.5	40
41	Sign- vs. goal-tracking in a feature positive discrimination task with nicotine: Importance of spatial location of the conditional stimulus. Behavioural Brain Research, 2011, 218, 341-345.	2.2	6
42	Chronic N-Acetylcysteine during Abstinence or Extinction after Cocaine Self-Administration Produces Enduring Reductions in Drug Seeking. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 487-493.	2.5	102
43	Reversing cocaine-induced synaptic potentiation provides enduring protection from relapse. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 385-390.	7.1	154
44	Loss of Object Recognition Memory Produced by Extended Access to Methamphetamine Self-Administration is Reversed by Positive Allosteric Modulation of Metabotropic Glutamate Receptor 5. Neuropsychopharmacology, 2011, 36, 782-792.	5.4	122
45	Reference place conditioning procedure with cocaine: increased sensitivity for measuring associatively motivated choice behavior in rats. Behavioural Pharmacology, 2010, 21, 323-331.	1.7	12
46	Competition between novelty and cocaine conditioned reward is sensitive to drug dose and retention interval.. Behavioral Neuroscience, 2010, 124, 141-151.	1.2	14
47	Modafinil effects on reinstatement of methamphetamine seeking in a rat model of relapse. Psychopharmacology, 2010, 210, 337-346.	3.1	48
48	Extinction with varenicline and nornicotine, but not ABT-418, weakens conditioned responding evoked by the interoceptive stimulus effects of nicotine. Neuropharmacology, 2010, 58, 1237-1245.	4.1	23
49	Bupropion attenuates methamphetamine self-administration in adult male rats. Drug and Alcohol Dependence, 2009, 100, 54-62.	3.2	37
50	Immune responses to methamphetamine by active immunization with peptide-based, molecular adjuvant-containing vaccines. Vaccine, 2009, 27, 2981-2988.	3.8	57
51	Forced Abstinence Model of Relapse to Study Pharmacological Treatments of Substance Use Disorder. Current Drug Abuse Reviews, 2009, 2, 184-194.	3.4	75
52	Bupropion differentially impacts acquisition of methamphetamine self-administration and sucrose-maintained behavior. Pharmacology Biochemistry and Behavior, 2008, 89, 463-472.	2.9	31
53	Postnatal manganese exposure alters dopamine transporter function in adult rats: Potential impact on nonassociative and associative processes. Neuroscience, 2008, 154, 848-860.	2.3	69
54	Decreased Striatal Dopamine Release Underlies Increased Expression of Long-Term Synaptic Potentiation at Corticostriatal Synapses 24 h after 3-Nitropropionic-Acid-Induced Chemical Hypoxia. Journal of Neuroscience, 2008, 28, 9585-9597.	3.6	25

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55	Competition between the conditioned rewarding effects of cocaine and novelty.. Behavioral Neuroscience, 2008, 122, 140-150.	1.2	25
56	Nicotine as a conditioned stimulus: Impact of attention-deficit/hyperactivity disorder medications.. Experimental and Clinical Psychopharmacology, 2007, 15, 501-509.	1.8	21
57	Methamphetamine functions as a positive and negative drug feature in a Pavlovian appetitive discrimination task. Behavioural Pharmacology, 2007, 18, 755-765.	1.7	22
58	Nicotine does not produce state-dependent effects on learning in a Pavlovian appetitive goal tracking task with rats. Behavioural Brain Research, 2007, 177, 134-141.	2.2	20
59	Effects of early methylphenidate exposure on morphine- and sucrose-reinforced behaviors in adult rats: Relationship to dopamine D2 receptors. Brain Research, 2007, 1139, 245-253.	2.2	30
60	The partial dopamine D2-like receptor agonist terguride functions as an agonist in preweanling rats after a 5-day reserpine regimen. Psychopharmacology, 2006, 185, 104-111.	3.1	10
61	Postnatal manganese exposure attenuates cocaine-induced locomotor activity and reduces dopamine transporters in adult male rats. Neurotoxicology and Teratology, 2006, 28, 323-332.	2.4	40
62	The partial D2-like dopamine receptor agonist terguride acts as a functional antagonist in states of high and low dopaminergic tone: evidence from preweanling rats. Psychopharmacology, 2005, 178, 431-439.	3.1	10
63	Importance of D1 receptors for associative components of amphetamine-induced behavioral sensitization and conditioned activity: a study using D1 receptor knockout mice. Psychopharmacology, 2005, 183, 20-30.	3.1	23
64	Repeated amphetamine treatment causes a persistent elevation of glial fibrillary acidic protein in the caudateâ€“putamen. European Journal of Pharmacology, 2004, 488, 111-115.	3.5	34