Jennifer L Cornish

List of Publications by Year
in descending order

84 papers	4,056 citations	109321 35 h-index	123424 61 g-index
88 all docs	88 docs citations	88 times ranked	3634 citing authors

#	Article	IF	Citations
1	Glutamate Transmission in the Nucleus Accumbens Mediates Relapse in Cocaine Addiction. Journal of Neuroscience, 2000, 20, RC89-RC89.	3.6	460
2	A role for sensitization in craving and relapse in cocaine addiction. Journal of Psychopharmacology, 1998, 12, 49-53.	4.0	230
3	A role for nucleus accumbens glutamate transmission in the relapse to cocaine-seeking behavior. Neuroscience, 1999, 93, 1359-1367.	2.3	228
4	A role for oxytocin and 5-HT1A receptors in the prosocial effects of 3,4 methylenedioxymethamphetamine (â€œecstasyâ€). Neuroscience, 2007, 146, 509-514.	2.3	207
5	Oxytocin decreases methamphetamine self-administration, methamphetamine hyperactivity, and relapse to methamphetamine-seeking behaviour in rats. Neuropharmacology, 2010, 58, 38-43.	4.1	138
6	The Roles of Dopamine and Related Compounds in Reward-Seeking Behavior Across Animal Phyla. Frontiers in Behavioral Neuroscience, 2010, 4, 163.	2.0	132
7	Systemically administered oxytocin decreases methamphetamine activation of the subthalamic nucleus and accumbens core and stimulates oxytocinergic neurons in the hypothalamus. Addiction Biology, 2010, 15, 448-463.	2.6	119
8	Cocaine Sensitization and Craving. Journal of Addictive Diseases, 2001, 20, 43-54.	1.3	102
9	Pharmacotherapeutic agents in the treatment of methamphetamine dependence. Expert Opinion on Investigational Drugs, 2017, 26, 563-578.	4.1	97
10	Oxytocin directly administered into the nucleus accumbens core or subthalamic nucleus attenuates methamphetamine-induced conditioned place preference. Behavioural Brain Research, 2012, 228, 185-193.	2.2	88
11	A Comparison of Methamphetamine-Induced Psychosis and Schizophrenia: A Review of Positive, Negative, and Cognitive Symptomatology. Frontiers in Psychiatry, 2018, 9, 491.	2.6	85
12	High levels of intravenous mephedrone (4-methylmethcathinone) self-administration in rats: Neural consequences and comparison with methamphetamine. Journal of Psychopharmacology, 2013, 27, 823-836.	4.0	82
13	Increased anxiety and "depressive" symptoms months after MDMA ("ecstasy") in rats: drug-induced hyperthermia does not predict long-term outcomes. Psychopharmacology, 2003, 168, 465-474.	3.1	79
14	Chronic Fluoxetine Treatment Partly Attenuates the Long-Term Anxiety and Depressive Symptoms Induced by MDMA (â€˜Ecstasyâ€™) in Rats. Neuropsychopharmacology, 2004, 29, 694-704.	5.4	79
15	MDMA (â€œecstasyâ€), methamphetamine and their combination: long-term changes in social interaction and neurochemistry in the rat. Psychopharmacology, 2004, 173, 318-325.	3.1	72
16	Oxytocin in the nucleus accumbens core reduces reinstatement of methamphetamineâ€seeking behaviour in rats. Addiction Biology, 2016, 21, 316-325.	2.6	69
17	Heat increases 3,4-methylenedioxymethamphetamine self-administration and social effects in rats. European Journal of Pharmacology, 2003, 482, 339-341.	3.5	68
18	Effects of acute and chronic systemic methamphetamine on respiratory, cardiovascular and metabolic function, and cardiorespiratory reflexes. Journal of Physiology, 2016, 594, 763-780.	2.9	67

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19	Neural activation during cat odor-induced conditioned fear and â€˜trial 2â€™ fear in rats. Neuroscience and Biobehavioral Reviews, 2005, 29, 1265-1277.	6.1	61
20	Repeated weekly exposure to MDMA, methamphetamine or their combination: Long-term behavioural and neurochemical effects in rats. Drug and Alcohol Dependence, 2007, 86, 183-190.	3.2	60
21	Pre-exposure to the cannabinoid receptor agonist CP 55,940 enhances morphine behavioral sensitization and alters morphine self-administration in Lewis rats. European Journal of Pharmacology, 2003, 465, 105-114.	3.5	57
22	Cannabidiol treatment reduces the motivation to self-administer methamphetamine and methamphetamine-primed relapse in rats. Journal of Psychopharmacology, 2018, 32, 1369-1378.	4.0	56
23	Catecholamine receptors differentially mediate impulsive choice in the medial prefrontal and orbitofrontal cortex. Journal of Psychopharmacology, 2013, 27, 203-212.	4.0	53
24	Behavioral and Neural Substrates of Habit Formation in Rats Intravenously Self-Administering Nicotine. Neuropsychopharmacology, 2014, 39, 2584-2593.	5.4	53
25	Regional c-Fos and FosB/Î”FosB expression associated with chronic methamphetamine self-administration and methamphetamine-seeking behavior in rats. Neuroscience, 2012, 206, 100-114.	2.3	48
26	Respiratory, metabolic and cardiac functions are altered by disinhibition of subregions of the medial prefrontal cortex. Journal of Physiology, 2013, 591, 6069-6088.	2.9	46
27	High ambient temperature increases 3,4-methylenedioxymethamphetamine (MDMA, â€œecstasyâ€)-induced Fos expression in a region-specific manner. Neuroscience, 2007, 145, 764-774.	2.3	43
28	Adolescent preâ€treatment with oxytocin protects against adult methamphetamineâ€seeking behavior in female rats. Addiction Biology, 2016, 21, 304-315.	2.6	43
29	The neurocircuitry involved in oxytocin modulation of methamphetamine addiction. Frontiers in Neuroendocrinology, 2016, 43, 1-18.	5.2	43
30	MDMA (â€˜Ecstasyâ€™) and methamphetamine combined: Order of administration influences hyperthermic and long-term adverse effects in female rats. Neuropharmacology, 2005, 49, 195-207.	4.1	42
31	MDMA, methamphetamine and their combination: possible lessons for party drug users from recent preclinical research. Drug and Alcohol Review, 2007, 26, 9-15.	2.1	41
32	MDMA-induced c-Fos expression in oxytocin-containing neurons is blocked by pretreatment with the 5-HT-1A receptor antagonist WAY 100635. Brain Research Bulletin, 2011, 86, 65-73.	3.0	41
33	Repeated cocaine administration into the rat ventral tegmental area produces behavioral sensitization to a systemic cocaine challenge. Behavioural Brain Research, 2001, 126, 205-209.	2.2	38
34	The orexin-1 receptor antagonist SB-334867 attenuates anxiety in rats exposed to cat odor but not the elevated plus maze: An investigation of Trial 1 and Trial 2 effects. Hormones and Behavior, 2014, 65, 294-300.	2.1	37
35	The role of the vasopressin V1A receptor in oxytocin modulation of methamphetamine primed reinstatement. Neuropharmacology, 2018, 133, 1-11.	4.1	37
36	The vagus nerve mediates the suppressing effects of peripherally administered oxytocin on methamphetamine self-administration and seeking in rats. Neuropsychopharmacology, 2021, 46, 297-304.	5.4	37

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37	Stimulation of the rat mesolimbic dopaminergic system produces a pressor response which is mediated by dopamine D-1 and D-2 receptor activation and the release of vasopressin. Brain Research, 1995, 701, 28-38.	2.2	36
38	Methamphetamine-Induced Sensitization Is Associated with Alterations to the Proteome of the Prefrontal Cortex: Implications for the Maintenance of Psychotic Disorders. Journal of Proteome Research, 2015, 14, 397-410.	3.7	36
39	Oxytocin modulates dopamine-mediated reward in the rat subthalamic nucleus. Hormones and Behavior, 2013, 63, 370-375.	2.1	35
40	The impact of early life stress on the central oxytocin system and susceptibility for drug addiction: Applicability of oxytocin as a pharmacotherapy. Neuroscience and Biobehavioral Reviews, 2020, 110, 114-132.	6.1	34
41	Cocaine and heroin (â€˜speedballâ€™) self-administration: the involvement of nucleus accumbens dopamine and Î¼-opiate, but not Î´-opiate receptors. Psychopharmacology, 2005, 180, 21-32.	3.1	33
42	The Involvement of Oxytocin in the Subthalamic Nucleus on Relapse to Methamphetamine-Seeking Behaviour. PLoS ONE, 2015, 10, e0136132.	2.5	33
43	The effect of chronic oxytocin treatment during abstinence from methamphetamine self-administration on incubation of craving, reinstatement, and anxiety. Neuropsychopharmacology, 2020, 45, 597-605.	5.4	31
44	Re-evaluation of an animal model for ADHD using a free-operant choice task. Journal of Neuroscience Methods, 2009, 176, 166-171.	2.5	30
45	Pressor responses to electrical and chemical stimulation of the rat brain A10 dopaminergic system. Neuroscience Letters, 1994, 176, 142-146.	2.1	29
46	Pharmacodynamic Assessment of the Benztropine Analogues AHN-1055 and AHN-2005 Using Intracerebral Microdialysis to Evaluate Brain Dopamine Levels and Pharmacokinetic/Pharmacodynamic Modeling. Pharmaceutical Research, 2005, 22, 603-612.	3.5	29
47	The orexin-1 receptor antagonist SB-334867 decreases anxiety-like behavior and c-Fos expression in the hypothalamus of rats exposed to cat odor. Behavioural Brain Research, 2015, 278, 563-568.	2.2	28
48	Chronic Methamphetamine Selfâ€Administration Dysregulates Oxytocin Plasma Levels and Oxytocin Receptor Fibre Density in the Nucleus Accumbens Core and Subthalamic Nucleus of the Rat. Journal of Neuroendocrinology, 2016, 28, .	2.6	28
49	Inhibition of Histone Deacetylases Facilitates Extinction and Attenuates Reinstatement of Nicotine Self-Administration in Rats. PLoS ONE, 2015, 10, e0124796.	2.5	27
50	A functional interaction between the mesolimbic dopamine system and vasopressin release in the regulation of blood pressure in conscious rats. Neuroscience, 1997, 81, 69-78.	2.3	25
51	Proteomic analysis of the dorsal and ventral hippocampus of rats maintained on a high fat and refined sugar diet. Proteomics, 2013, 13, 3076-3091.	2.2	25
52	Intravenous methamphetamine self-administration in rats: Effects of intravenous or intraperitoneal MDMA co-administration. Pharmacology Biochemistry and Behavior, 2006, 85, 454-463.	2.9	24
53	Serotonin 5-HT4 receptors in the nucleus accumbens are specifically involved in the appetite suppressant and not locomotor stimulant effects of MDMA (â€˜ecstasyâ€™). Psychopharmacology, 2011, 213, 355-363.	3.1	24
54	GABAergic mRNA expression is upregulated in the prefrontal cortex of rats sensitized to methamphetamine. Behavioural Brain Research, 2016, 297, 224-230.	2.2	23

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55	Inhibitory regulation of the prefrontal cortex following behavioral sensitization to amphetamine and/or methamphetamine psychostimulants: A review of GABAergic mechanisms. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 95, 109681.	4.8	21
56	Maternal separation changes maternal care, anxietyâ€like behaviour and expression of paraventricular oxytocin and corticotrophinâ€releasing factor immunoreactivity in lactating rats. Journal of Neuroendocrinology, 2020, 32, e12861.	2.6	21
57	Cocaine Tolerance in Honey Bees. PLoS ONE, 2013, 8, e64920.	2.5	20
58	Preexposure to MDMA (â€œEcstasyâ€) delays acquisition but facilitates MDMA-induced reinstatement of amphetamine self-administration behavior in rats. Pharmacology Biochemistry and Behavior, 2004, 79, 331-342.	2.9	17
59	GABAergic mRNA expression is differentially expressed across the prelimbic and orbitofrontal cortices of rats sensitized to methamphetamine: Relevance to psychosis. Neuropharmacology, 2016, 111, 107-118.	4.1	17
60	Oxytocin treatment in the prelimbic cortex reduces relapse to methamphetamine-seeking and is associated with reduced activity in the rostral nucleus accumbens core. Pharmacology Biochemistry and Behavior, 2019, 183, 64-71.	2.9	17
61	High ambient temperature increases intravenous methamphetamine self-administration on fixed and progressive ratio schedules in rats. Journal of Psychopharmacology, 2008, 22, 100-110.	4.0	16
62	Long-Term Effects of Chronic Oral Ritalin Administration on Cognitive and Neural Development in Adolescent Wistar Kyoto Rats. Brain Sciences, 2012, 2, 375-404.	2.3	16
63	Sign tracking predicts cue-induced but not drug-primed reinstatement to methamphetamine seeking in rats: Effects of oxytocin treatment. Journal of Psychopharmacology, 2020, 34, 1271-1279.	4.0	16
64	Comparison of noradrenaline, dopamine and serotonin in mediating the tachycardic and thermogenic effects of methamphetamine in the ventral medial prefrontal cortex. Neuroscience, 2015, 295, 209-220.	2.3	13
65	Behavioral sensitization to methamphetamine induces specific interneuronal mRNA pathology across the prelimbic and orbitofrontal cortices. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 77, 42-48.	4.8	11
66	A Neuroethics Framework for the Australian Brain Initiative. Neuron, 2019, 101, 365-369.	8.1	11
67	Regional expression of c-fos in rat brain following stimulation of the ventral tegmental area. Neuroscience Letters, 1996, 220, 17-20.	2.1	10
68	Quantitative shotgun proteomics reveals extensive changes to the proteome of the orbitofrontal cortex in rats that are hyperactive following withdrawal from a high sugar diet. Proteomics, 2016, 16, 657-673.	2.2	10
69	Adolescent oxytocin administration reduces depression-like behaviour induced by early life stress in adult male and female rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 110, 110279.	4.8	9
70	Cocaine Craving and Paranoia: A Combination of Pharmacology and Learning. Psychiatric Annals, 1998, 28, 569-574.	0.1	9
71	Quantitative Proteomic Analysis of the Orbital Frontal Cortex in Rats Following Extended Exposure to Caffeine Reveals Extensive Changes to Protein Expression: Implications for Neurological Disease. Journal of Proteome Research, 2016, 15, 1455-1471.	3.7	8
72	Differential effects of GABAA receptor activation in the prelimbic and orbitofrontal cortices on anxiety. Psychopharmacology, 2020, 237, 3237-3247.	3.1	8

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73	Randomised pilot study of cannabis cue exposure: Reducing cue reactivity while building tolerance. Clinical Psychologist, 2018, 22, 126-136.	0.8	7
74	INHIBITION OF CARDIAC BAROREFLEX SENSITIVITY AFTER CENTRAL DOPAMINERGIC STIMULATION. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 624-626.	1.9	6
75	Investigation of the potential pharmacokinetic and pharmaco-dynamic drug interaction between AHN 1-055, a potent benztropine analog used for cocaine abuse, and cocaine after dosing in rats using intracerebral microdialysis. Biopharmaceutics and Drug Disposition, 2006, 27, 229-240.	1.9	6
76	The behavioral effects of chronic sugar and/or caffeine consumption in adult and adolescent rats.. Behavioral Neuroscience, 2017, 131, 348-358.	1.2	5
77	Oxytocin as an adolescent treatment for methamphetamine addiction after early life stress in male and female rats. Neuropsychopharmacology, 2022, 47, 1561-1573.	5.4	5
78	Extended exposure to sugar and/or caffeine produces distinct behavioral and neurochemical profiles in the orbitofrontal cortex of rats: Implications for neural function. Proteomics, 2016, 16, 2894-2910.	2.2	2
79	Cannabidiol but not cannabidiolic acid reduces behavioural sensitisation to methamphetamine in rats, at pharmacologically effective doses. Psychopharmacology, 2022, 239, 1593-1603.	3.1	2
80	The effect of adolescent social isolation on vulnerability for methamphetamine addiction behaviours in female rats. Psychopharmacology, 2022, 239, 1129-1141.	3.1	1
81	A.5 - METHAMPHETAMINE-INDUCED BEHAVIOURAL SENSITIZATION IS ASSOCIATED WITH GLOBAL CHANGES TO THE GABAERGIC PROFILE OF THE RAT PREFRONTAL CORTEX. Behavioural Pharmacology, 2013, 24, e23-e24.	1.7	0
82	F.3 - THE ROLE OF HISTONE ACETYLATION IN THE ACQUISITION, EXTINCTION AND REINSTATEMENT OF NICOTINE SELF-ADMINISTRATION IN RATS. Behavioural Pharmacology, 2013, 24, e50.	1.7	0
83	Mechanisms that contribute to central methamphetamine induced hyperthermia. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 64.	2.8	0
84	Four hypothalamic peptides and their impact on drug-seeking behaviour: A prefrontal cortex view. Addiction Neuroscience, 2022, 2, 100018.	1.3	0