

# Eliot L Gardner

## List of Publications by Citations

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85  
papers

6,637  
citations

43  
h-index

81  
g-index

87  
ext. papers

7,142  
ext. citations

6.6  
avg, IF

5.81  
L-index

#	Paper	IF	Citations
85	Relapse to cocaine-seeking after hippocampal theta burst stimulation. <i>Science</i> , <b>2001</b> , 292, 1175-8	33.3	412
84	Endocannabinoid signaling system and brain reward: emphasis on dopamine. <i>Pharmacology Biochemistry and Behavior</i> , <b>2005</b> , 81, 263-84	3.9	316
83	Brain cannabinoid CB1 receptors modulate cocaine's actions in mice. <i>Nature Neuroscience</i> , <b>2011</b> , 14, 1160-5	15.5	304
82	Delta 9-tetrahydrocannabinol produces naloxone-blockable enhancement of presynaptic basal dopamine efflux in nucleus accumbens of conscious, freely-moving rats as measured by intracerebral microdialysis. <i>Psychopharmacology</i> , <b>1990</b> , 102, 156-62	4.7	294
81	The role of central dopamine D3 receptors in drug addiction: a review of pharmacological evidence. <i>Brain Research Reviews</i> , <b>2005</b> , 49, 77-105		272
80	Dopamine D3 receptor antagonism inhibits cocaine-seeking and cocaine-enhanced brain reward in rats. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 9595-603	6.6	242
79	Addiction and brain reward and antireward pathways. <i>Advances in Psychosomatic Medicine</i> , <b>2011</b> , 30, 22-60		231
78	Cannabinoid CB2 receptors modulate midbrain dopamine neuronal activity and dopamine-related behavior in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E5007-15	11.5	222
77	Cannabinoid transmission and reward-related events. <i>Neurobiology of Disease</i> , <b>1998</b> , 5, 502-33	7.5	209
76	Conditioned place preference induced by delta 9-tetrahydrocannabinol: comparison with cocaine, morphine, and food reward. <i>Life Sciences</i> , <b>1995</b> , 56, 2073-80	6.8	189
75	Critical assessment of how to study addiction and its treatment: human and non-human animal models <b>2005</b> , 108, 18-58		182
74	Marijuana's interaction with brain reward systems: update 1991. <i>Pharmacology Biochemistry and Behavior</i> , <b>1991</b> , 40, 571-80	3.9	174
73	A pharmacologic strategy for the treatment of nicotine addiction. <i>Synapse</i> , <b>1999</b> , 31, 76-86	2.4	156
72	Agents in development for the management of cocaine abuse. <i>Drugs</i> , <b>2004</b> , 64, 1547-73	12.1	154
71	Strain-specific facilitation of dopamine efflux by delta 9-tetrahydrocannabinol in the nucleus accumbens of rat: an in vivo microdialysis study. <i>Neuroscience Letters</i> , <b>1991</b> , 129, 136-80	3.3	149
70	A novel strategy for the treatment of cocaine addiction. <i>Synapse</i> , <b>1998</b> , 30, 119-29	2.4	142
69	Cannabinoid CB1 receptor antagonist AM251 inhibits cocaine-primed relapse in rats: role of glutamate in the nucleus accumbens. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 8531-6	6.6	141

68	The effects of delta 9-tetrahydrocannabinol on potassium-evoked release of dopamine in the rat caudate nucleus: an in vivo electrochemical and in vivo microdialysis study. <i>Brain Research</i> , <b>1988</b> , 451, 59-68	3.7	129
67	The novel dopamine D3 receptor antagonist NGB 2904 inhibits cocaine's rewarding effects and cocaine-induced reinstatement of drug-seeking behavior in rats. <i>Neuropsychopharmacology</i> , <b>2006</b> , 31, 1393-405	8.7	128
66	Selective dopamine D3 receptor antagonism by SB-277011A attenuates cocaine reinforcement as assessed by progressive-ratio and variable-cost-variable-payoff fixed-ratio cocaine self-administration in rats. <i>European Journal of Neuroscience</i> , <b>2005</b> , 21, 3427-38	3.5	120
65	Addictive potential of cannabinoids: the underlying neurobiology. <i>Chemistry and Physics of Lipids</i> , <b>2002</b> , 121, 267-90	3.7	117
64	Delta 9-tetrahydrocannabinol enhances presynaptic dopamine efflux in medial prefrontal cortex. <i>European Journal of Pharmacology</i> , <b>1990</b> , 190, 259-62	5.3	109
63	(-)-Nicotine produces conditioned place preference in Lewis, but not Fischer 344 rats. <i>Synapse</i> , <b>1997</b> , 26, 93-4	2.4	102
62	What we have learned about addiction from animal models of drug self-administration. <i>American Journal on Addictions</i> , <b>2000</b> , 9, 285-313	3.7	98
61	Genetic differences in delta 9-tetrahydrocannabinol-induced facilitation of brain stimulation reward as measured by a rate-frequency curve-shift electrical brain stimulation paradigm in three different rat strains. <i>Life Sciences</i> , <b>1996</b> , 58, PL365-72	6.8	98
60	Expression of functional cannabinoid CB receptor in VTA dopamine neurons in rats. <i>Addiction Biology</i> , <b>2017</b> , 22, 752-765	4.6	94
59	Species differences in cannabinoid receptor 2 and receptor responses to cocaine self-administration in mice and rats. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 1037-51	8.7	87
58	Cannabinoid CB1 receptor antagonists attenuate cocaine's rewarding effects: experiments with self-administration and brain-stimulation reward in rats. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 1735-45	8.7	87
57	Pharmacological actions of NGB 2904, a selective dopamine D3 receptor antagonist, in animal models of drug addiction. <i>CNS Neuroscience &amp; Therapeutics</i> , <b>2007</b> , 13, 240-59		87
56	Ventral tegmental microinjection of delta 9-tetrahydrocannabinol enhances ventral tegmental somatodendritic dopamine levels but not forebrain dopamine levels: evidence for local neural action by marijuana's psychoactive ingredient. <i>Brain Research</i> , <b>1993</b> , 621, 65-70	3.7	85
55	Cannabinoid type 2 receptors in dopamine neurons inhibits psychomotor behaviors, alters anxiety, depression and alcohol preference. <i>Scientific Reports</i> , <b>2017</b> , 7, 17410	4.9	81
54	Gamma-vinyl GABA inhibits methamphetamine, heroin, or ethanol-induced increases in nucleus accumbens dopamine. <i>Synapse</i> , <b>1999</b> , 34, 11-9	2.4	80
53	Presynaptic dopamine release is enhanced by 5-HT3 receptor activation in medial prefrontal cortex of freely moving rats. <i>Synapse</i> , <b>1992</b> , 10, 264-6	2.4	79
52	YQA14: a novel dopamine D3 receptor antagonist that inhibits cocaine self-administration in rats and mice, but not in D3 receptor-knockout mice. <i>Addiction Biology</i> , <b>2012</b> , 17, 259-73	4.6	77
51	The selective dopamine D3 receptor antagonist SB-277011A reduces nicotine-enhanced brain reward and nicotine-paired environmental cue functions. <i>International Journal of Neuropsychopharmacology</i> , <b>2006</b> , 9, 585-602	5.8	73

50	Slow-onset, long-duration 3-(3,4-dichlorophenyl)-1-indanamine monoamine reuptake blockers as potential medications to treat cocaine abuse. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 4981-92	8.3	72
49	Hypothesis-driven medication discovery for the treatment of psychostimulant addiction. <i>Current Drug Abuse Reviews</i> , <b>2008</b> , 1, 303-27		57
48	PG01037, a novel dopamine D3 receptor antagonist, inhibits the effects of methamphetamine in rats. <i>Journal of Psychopharmacology</i> , <b>2011</b> , 25, 263-73	4.6	55
47	Electrical and chemical stimulation of the basolateral complex of the amygdala reinstates cocaine-seeking behavior in the rat. <i>Psychopharmacology</i> , <b>2003</b> , 168, 75-83	4.7	53
46	Highly Selective Dopamine D3 Receptor (D3R) Antagonists and Partial Agonists Based on Eticlopride and the D3R Crystal Structure: New Leads for Opioid Dependence Treatment. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 7634-50	8.3	53
45	Dopamine D(3) receptor antagonist SB-277011A inhibits methamphetamine self-administration and methamphetamine-induced reinstatement of drug-seeking in rats. <i>European Journal of Pharmacology</i> , <b>2011</b> , 659, 187-92	5.3	52
44	GABAergic blockade of cocaine-associated cue-induced increases in nucleus accumbens dopamine. <i>European Journal of Pharmacology</i> , <b>2001</b> , 414, 205-9	5.3	43
43	Enhancement of conditioned place preference response to cocaine in rats following subchronic administration of 3, 4-methylenedioxymethamphetamine (MDMA). <i>Synapse</i> , <b>2000</b> , 35, 160-2	2.4	43
42	Levo-tetrahydropalmatine inhibits cocaine's rewarding effects: experiments with self-administration and brain-stimulation reward in rats. <i>Neuropharmacology</i> , <b>2007</b> , 53, 771-82	5.5	40
41	Drug craving and positive/negative hedonic brain substrates activated by addicting drugs. <i>Seminars in Neuroscience</i> , <b>1993</b> , 5, 359-368		38
40	Dopamine agonists induce recovery from surgically-induced septal rage. <i>Nature</i> , <b>1977</b> , 269, 513-5	50.4	37
39	Imitational and social facilitatory aspects of observational learning in the laboratory rat. <i>Learning and Behavior</i> , <b>1971</b> , 25, 5-6		36
38	Cannabinoid CB and CB receptor mechanisms underlie cannabis reward and aversion in rats. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 1268-1281	8.6	35
37	Blockade of D3 receptors by YQA14 inhibits cocaine's rewarding effects and relapse to drug-seeking behavior in rats. <i>Neuropharmacology</i> , <b>2014</b> , 77, 398-405	5.5	35
36	Overview of chemical sampling techniques. <i>Journal of Neuroscience Methods</i> , <b>1993</b> , 48, 173-97	3	35
35	CB1 Receptor Activation on VgluT2-Expressing Glutamatergic Neurons Underlies $\Delta^9$ Tetrahydrocannabinol ( $\Delta^9$ THC)-Induced Aversive Effects in Mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 12315	4.9	30
34	Cannabinoid CB receptor neutral antagonist AM4113 inhibits heroin self-administration without depressive side effects in rats. <i>Acta Pharmacologica Sinica</i> , <b>2019</b> , 40, 365-373	8	26
33	Gamma-vinyl GABA (GVG) blocks expression of the conditioned place preference response to heroin in rats. <i>Synapse</i> , <b>2001</b> , 41, 219-20	2.4	25

32	The Novel Modafinil Analog, JJC8-016, as a Potential Cocaine Abuse Pharmacotherapeutic. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 1871-1883	8.7	23
31	GABA antagonism lowers self-stimulation thresholds in the ventral tegmental area. <i>Brain Research</i> , <b>1980</b> , 189, 279-83	3.7	23
30	Is slow-onset long-acting monoamine transport blockade to cocaine as methadone is to heroin? Implication for anti-addiction medications. <i>Neuropsychopharmacology</i> , <b>2010</b> , 35, 2564-78	8.7	22
29	Gamma-vinyl GABA inhibits cocaine-triggered reinstatement of drug-seeking behavior in rats by a non-dopaminergic mechanism. <i>Drug and Alcohol Dependence</i> , <b>2008</b> , 97, 216-25	4.9	22
28	Effects of gabapentin on cocaine self-administration, cocaine-triggered relapse and cocaine-enhanced nucleus accumbens dopamine in rats. <i>Drug and Alcohol Dependence</i> , <b>2008</b> , 97, 207-15	4.9	21
27	The basolateral complex of the amygdala mediates the modulation of intracranial self-stimulation threshold by drug-associated cues. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 273-80	3.5	21
26	The effect of intravenous administration of delta-9-tetrahydrocannabinol on the activity of A10 dopamine neurons recorded in vivo in anesthetized rats. <i>Neuropsychobiology</i> , <b>1997</b> , 36, 96-9	4	20
25	Cocaine treatment increases expression of a 40 kDa catecholamine-regulated protein in discrete brain regions. <i>Synapse</i> , <b>2003</b> , 47, 33-44	2.4	18
24	The selective D1 receptor antagonist SB-277011A attenuates morphine-triggered reactivation of expression of cocaine-induced conditioned place preference. <i>Synapse</i> , <b>2013</b> , 67, 469-75	2.4	15
23	A slow-onset, long-duration indanamine monoamine reuptake inhibitor as a potential maintenance pharmacotherapy for psychostimulant abuse: effects in laboratory rat models relating to addiction. <i>Neuropharmacology</i> , <b>2006</b> , 51, 993-1003	5.5	15
22	Interaction of [3H](-)-SKF-10,047 with brain sigma receptors: characterization and autoradiographic visualization. <i>Journal of Neurochemistry</i> , <b>1986</b> , 46, 1032-41	6	13
21	Different receptor mechanisms underlying phytocannabinoid- versus synthetic cannabinoid-induced tetrad effects: Opposite roles of CB1/CB2 versus GPR55 receptors. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 1865-1880	8.6	13
20	Beta-caryophyllene, a dietary terpenoid, inhibits nicotine taking and nicotine seeking in rodents. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 2058-2072	8.6	13
19	R-modafinil attenuates nicotine-taking and nicotine-seeking behavior in alcohol-preferring rats. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 1762-71	8.7	12
18	Systemic cocaine challenge after chronic cocaine treatment reveals sensitization of extracellular dopamine levels in nucleus accumbens but direct cocaine perfusion into nucleus accumbens does not: implications for the neural locus of cocaine sensitization. <i>Life Sciences</i> , <b>1996</b> , 58, PL139-46	6.8	12
17	Anatomically Selective Action of Atypical Neuroleptics on the Mesocorticolimbic Dopamine System. <i>Annals of the New York Academy of Sciences</i> , <b>1988</b> , 537, 502-504	6.5	11
16	Beta-caryophyllene inhibits cocaine addiction-related behavior by activation of PPAR $\alpha$ and PPAR $\gamma$ repurposing a FDA-approved food additive for cocaine use disorder. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 860-870	8.7	11
15	Use of animal models to develop antiaddiction medications. <i>Current Psychiatry Reports</i> , <b>2008</b> , 10, 377-84	9.1	9

14	The Neurobiology of Chemical Addiction <b>1999</b> , 93-136		8
13	ΔTetrahydrocannabivarin has potent anti-nicotine effects in several rodent models of nicotine dependence. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 4773-4784	8.6	7
12	CTDP-32476: A Promising Agonist Therapy for Treatment of Cocaine Addiction. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 682-694	8.7	7
11	Cannabinoid CB receptors are expressed in glutamate neurons in the red nucleus and functionally modulate motor behavior in mice. <i>Neuropharmacology</i> , <b>2021</b> , 189, 108538	5.5	7
10	Dissecting the role of CB and CB receptors in cannabinoid reward versus aversion using transgenic CB- and CB-knockout mice. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 43, 38-51	1.2	7
9	Cannabinoids and Addiction <b>2014</b> , 173-188		5
8	Ecaryophyllene, an FDA-Approved Food Additive, Inhibits Methamphetamine-Taking and Methamphetamine-Seeking Behaviors Possibly CB2 and Non-CB2 Receptor Mechanisms. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 722476	5.6	4
7	Differential effects of chronic haloperidol administration on midbrain dopamine neurons in Sprague-Dawley, Fischer 344, and Lewis rats: an in vivo electrophysiological study. <i>Synapse</i> , <b>1998</b> , 29, 269-71	2.4	3
6	A pharmacologic strategy for the treatment of nicotine addiction <b>1999</b> , 31, 76		3
5	Enhancement of conditioned place preference response to cocaine in rats following subchronic administration of 3,4-methylenedioxymethamphetamine (MDMA) <b>2000</b> , 35, 160		3
4	Cocaine-taking and cocaine-seeking behaviors in rats remain stable after systemic administration of GYKI 52466: a non-competitive AMPA receptor antagonist. <i>Neuroscience Letters</i> , <b>2012</b> , 508, 106-9	3.3	2
3	ΔNicotine produces conditioned place preference in Lewis, but not Fischer 344 rats <b>1997</b> , 26, 93		2
2	The neuropathology of schizophrenia, mania, and depression: Diseases of cognitive initiation and switching?. <i>Behavioral and Brain Sciences</i> , <b>1987</b> , 10, 213-214	0.9	
1	Animal Models of Addiction <b>2021</b> , 35-49		