

# S Barak Caine

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44 papers	2,342 citations	28 h-index	46 g-index
46 ext. papers	2,543 ext. citations	5.8 avg, IF	4.73 L-index

#	Paper	IF	Citations
44	Effects of the dopamine D-1 antagonist SCH 23390 microinjected into the accumbens, amygdala or striatum on cocaine self-administration in the rat. <i>Brain Research</i> , <b>1995</b> , 692, 47-56	3.7	239
43	Role of dopamine D2-like receptors in cocaine self-administration: studies with D2 receptor mutant mice and novel D2 receptor antagonists. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 2977-88	6.6	189
42	Lack of self-administration of cocaine in dopamine D1 receptor knock-out mice. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 13140-50	6.6	134
41	D3 receptor test in vitro predicts decreased cocaine self-administration in rats. <i>NeuroReport</i> , <b>1997</b> , 8, 2373-7	1.7	124
40	Effects of mesolimbic dopamine depletion on responding maintained by cocaine and food. <i>Journal of the Experimental Analysis of Behavior</i> , <b>1994</b> , 61, 213-21	2.1	104
39	Effects of dopamine indirect agonists and selective D1-like and D2-like agonists and antagonists on cocaine self-administration and food maintained responding in rats. <i>Neuropharmacology</i> , <b>2004</b> , 47 Suppl 1, 256-73	5.5	103
38	Reduced cocaine self-administration in muscarinic M5 acetylcholine receptor-deficient mice. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 8141-9	6.6	94
37	Dramatically decreased cocaine self-administration in dopamine but not serotonin transporter knock-out mice. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 1087-92	6.6	93
36	Effect of gonadectomy and gonadal hormone replacement on cocaine self-administration in female and male rats. <i>Neuropsychopharmacology</i> , <b>2004</b> , 29, 929-42	8.7	86
35	Dopamine D1 and D2 agonist effects on prepulse inhibition and locomotion: comparison of Sprague-Dawley rats to Swiss-Webster, 129X1/SvJ, C57BL/6J, and DBA/2J mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 312, 733-41	4.7	82
34	Lack of cocaine self-administration in mice expressing a cocaine-insensitive dopamine transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2009</b> , 331, 204-11	4.7	77
33	Chronic intravenous drug self-administration in rats and mice. <i>Current Protocols in Neuroscience</i> , <b>2005</b> , Chapter 9, Unit 9.20	2.7	76
32	Cocaine versus food choice procedure in rats: environmental manipulations and effects of amphetamine. <i>Journal of the Experimental Analysis of Behavior</i> , <b>2013</b> , 99, 211-33	2.1	71
31	Effects of D3/D2 dopamine receptor agonists and antagonists on prepulse inhibition of acoustic startle in the rat. <i>Neuropsychopharmacology</i> , <b>1995</b> , 12, 139-45	8.7	64
30	Intravenous drug self-administration in mice: practical considerations. <i>Behavior Genetics</i> , <b>2007</b> , 37, 101-13	3.2	58
29	Behavioral effects of psychomotor stimulants in rats with dorsal or ventral subiculum lesions: Locomotion, cocaine self-administration, and prepulse inhibition of startle.. <i>Behavioral Neuroscience</i> , <b>2001</b> , 115, 880-894	2.1	57
28	Psychomotor stimulant effects of cocaine in rats and 15 mouse strains. <i>Experimental and Clinical Psychopharmacology</i> , <b>2011</b> , 19, 321-41	3.2	51

27	Effects of acute and chronic aripiprazole treatment on choice between cocaine self-administration and food under a concurrent schedule of reinforcement in rats. <i>Psychopharmacology</i> , <b>2008</b> , 201, 43-53	4.7	51
26	Effect of GABA agonists and GABA-A receptor modulators on cocaine- and food-maintained responding and cocaine discrimination in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 315, 858-71	4.7	46
25	Nicotine-like behavioral effects of the minor tobacco alkaloids nor nicotine, anabasine, and anatabine in male rodents. <i>Experimental and Clinical Psychopharmacology</i> , <b>2014</b> , 22, 9-22	3.2	45
24	Sex differences in opioid reinforcement under a fentanyl vs. food choice procedure in rats. <i>Neuropsychopharmacology</i> , <b>2019</b> , 44, 2022-2029	8.7	43
23	Attenuation of cocaine's reinforcing and discriminative stimulus effects via muscarinic M1 acetylcholine receptor stimulation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 332, 959-69	4.7	38
22	Monoamine transporters: vulnerable and vital doorkeepers. <i>Progress in Molecular Biology and Translational Science</i> , <b>2011</b> , 98, 1-46	4	34
21	Modulation of prepulse inhibition through both M(1) and M (4) muscarinic receptors in mice. <i>Psychopharmacology</i> , <b>2010</b> , 208, 401-16	4.7	34
20	Cocaine self-administration under fixed and progressive ratio schedules of reinforcement: comparison of C57BL/6J, 129X1/SvJ, and 129S6/SvEvTac inbred mice. <i>Psychopharmacology</i> , <b>2006</b> , 184, 145-54	4.7	34
19	Contribution of both M1 and M4 receptors to muscarinic agonist-mediated attenuation of the cocaine discriminative stimulus in mice. <i>Psychopharmacology</i> , <b>2012</b> , 220, 673-85	4.7	30
18	Decreased prepulse inhibition and increased sensitivity to muscarinic, but not dopaminergic drugs in M5 muscarinic acetylcholine receptor knockout mice. <i>Psychopharmacology</i> , <b>2007</b> , 192, 97-110	4.7	30
17	Cocaine self-administration in dopamine D1 receptor knockout mice. <i>Experimental and Clinical Psychopharmacology</i> , <b>2012</b> , 20, 352-63	3.2	27
16	Effects of the GLP-1 Agonist Exendin-4 on Intravenous Ethanol Self-Administration in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2016</b> , 40, 2247-2252	3.7	25
15	Effects of dopamine D1-like and D2-like agonists in rats trained to discriminate cocaine from saline: Influence of experimental history.. <i>Experimental and Clinical Psychopharmacology</i> , <b>2000</b> , 8, 404-414	3.2	23
14	Acute and chronic effects of the M1/M4-preferring muscarinic agonist xanomeline on cocaine vs. food choice in rats. <i>Psychopharmacology</i> , <b>2014</b> , 231, 469-79	4.7	20
13	Effects of Acute and Chronic Treatments with Dopamine D and D Receptor Ligands on Cocaine versus Food Choice in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2017</b> , 362, 161-176	4.7	19
12	False positive in the intravenous drug self-administration test in C57BL/6J mice. <i>Behavioural Pharmacology</i> , <b>2011</b> , 22, 239-47	2.4	17
11	Effects of selective dopamine D1-like and D2-like agonists on prepulse inhibition of startle in inbred C3H/HeJ, SPRET/EiJ, and CAST/EiJ mice. <i>Psychopharmacology</i> , <b>2007</b> , 191, 731-9	4.7	15
10	Anatabine significantly decreases nicotine self-administration. <i>Experimental and Clinical Psychopharmacology</i> , <b>2014</b> , 22, 1-8	3.2	13

9	Psychomotor stimulation by dopamine D <sub>2</sub> -like but not D <sub>1</sub> -like agonists in most mouse strains. <i>Experimental and Clinical Psychopharmacology</i> , <b>2011</b> , 19, 342-60	3.2	10
8	Lack of abuse potential in a highly selective dopamine D <sub>3</sub> agonist, PF-592,379, in drug self-administration and drug discrimination in rats. <i>Behavioural Pharmacology</i> , <b>2012</b> , 23, 280-91	2.4	7
7	Autoradiographic distribution of thyrotropin-releasing hormone receptors in the African lungfish <i>Protopterus annectens</i> . <i>Journal of Comparative Neurology</i> , <b>1989</b> , 287, 19-27	3.4	7
6	Ibotenic acid decreases thyrotropin-releasing hormone receptor binding in the rat amygdala. <i>Brain Research</i> , <b>1985</b> , 347, 144-8	3.7	7
5	The utility of tolerance as a concept in the study of drug self-administration. <i>Psychopharmacology</i> , <b>2004</b> , 171, 362-363	4.7	5
4	Differential Effects of Nicotine and Nicotine Withdrawal on Fear Conditioning in Male Rats. <i>International Journal of Neuropsychopharmacology</i> , <b>2020</b> , 23, 469-479	5.8	2
3	Neuroanatomical Bases of the Reinforcing Stimulus Effects of Cocaine <b>1998</b> , 21-50		2
2	Mutations in CalDAG-GEFI Lead to Striatal Signaling Deficits and Psychomotor Symptoms in Multiple Species Including Human		2
1	CalDAG-GEFI mediates striatal cholinergic modulation of dendritic excitability, synaptic plasticity and psychomotor behaviors. <i>Neurobiology of Disease</i> , <b>2021</b> , 158, 105473	7.5	1