S Barak Caine

List of Publications by Year in Descending Order

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	CalDAG-GEFI mediates striatal cholinergic modulation of dendritic excitability, synaptic plasticity and psychomotor behaviors. *Neurobiology of Disease*, **2021**, 158, 105473	7.5	1
43	Differential Effects of Nicotine and Nicotine Withdrawal on Fear Conditioning in Male Rats. *International Journal of Neuropsychopharmacology*, **2020**, 23, 469-479	5.8	2
42	Sex differences in opioid reinforcement under a fentanyl vs. food choice procedure in rats. *Neuropsychopharmacology*, **2019**, 44, 2022-2029	8.7	43
41	Effects of Acute and Chronic Treatments with Dopamine D and D Receptor Ligands on Cocaine versus Food Choice in Rats. *Journal of Pharmacology and Experimental Therapeutics*, **2017**, 362, 161-176	4.7	19
40	Effects of the GLP-1 Agonist Exendin-4 on Intravenous Ethanol Self-Administration in Mice. *Alcoholism: Clinical and Experimental Research*, **2016**, 40, 2247-2252	3.7	25
39	Anatabine significantly decreases nicotine self-administration. *Experimental and Clinical Psychopharmacology*, **2014**, 22, 1-8	3.2	13
38	Nicotine-like behavioral effects of the minor tobacco alkaloids nornicotine, anabasine, and anatabine in male rodents. *Experimental and Clinical Psychopharmacology*, **2014**, 22, 9-22	3.2	45
37	Acute and chronic effects of the M1/M4-preferring muscarinic agonist xanomeline on cocaine vs. food choice in rats. *Psychopharmacology*, **2014**, 231, 469-79	4.7	20
36	Cocaine versus food choice procedure in rats: environmental manipulations and effects of amphetamine. *Journal of the Experimental Analysis of Behavior*, **2013**, 99, 211-33	2.1	71
35	Cocaine self-administration in dopamine D receptor knockout mice. *Experimental and Clinical Psychopharmacology*, **2012**, 20, 352-63	3.2	27
34	Contribution of both M1 and M4 receptors to muscarinic agonist-mediated attenuation of the cocaine discriminative stimulus in mice. *Psychopharmacology*, **2012**, 220, 673-85	4.7	30
33	Lack of abuse potential in a highly selective dopamine D3 agonist, PF-592,379, in drug self-administration and drug discrimination in rats. *Behavioural Pharmacology*, **2012**, 23, 280-91	2.4	7
32	Monoamine transporters: vulnerable and vital doorkeepers. *Progress in Molecular Biology and Translational Science*, **2011**, 98, 1-46	4	34
31	False positive in the intravenous drug self-administration test in C57BL/6J mice. *Behavioural Pharmacology*, **2011**, 22, 239-47	2.4	17
30	Psychomotor stimulation by dopamine D like but not D like agonists in most mouse strains. *Experimental and Clinical Psychopharmacology*, **2011**, 19, 342-60	3.2	10
29	Psychomotor stimulant effects of cocaine in rats and 15 mouse strains. *Experimental and Clinical Psychopharmacology*, **2011**, 19, 321-41	3.2	51
28	Attenuation of cocaine's reinforcing and discriminative stimulus effects via muscarinic M1 acetylcholine receptor stimulation. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 332, 959-69	4.7	38

27	Modulation of prepulse inhibition through both M(1) and M (4) muscarinic receptors in mice. *Psychopharmacology*, **2010**, 208, 401-16	4.7	34
26	Dramatically decreased cocaine self-administration in dopamine but not serotonin transporter knock-out mice. *Journal of Neuroscience*, **2009**, 29, 1087-92	6.6	93
25	Lack of cocaine self-administration in mice expressing a cocaine-insensitive dopamine transporter. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 331, 204-11	4.7	77
24	Effects of acute and chronic aripiprazole treatment on choice between cocaine self-administration and food under a concurrent schedule of reinforcement in rats. *Psychopharmacology*, **2008**, 201, 43-53	4.7	51
23	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. *Psychopharmacology*, **2007**, 191, 731-9	4.7	15
22	Decreased prepulse inhibition and increased sensitivity to muscarinic, but not dopaminergic drugs in M5 muscarinic acetylcholine receptor knockout mice. *Psychopharmacology*, **2007**, 192, 97-110	4.7	30
21	Intravenous drug self-administration in mice: practical considerations. *Behavior Genetics*, **2007**, 37, 101-18	3.2	58
20	Lack of self-administration of cocaine in dopamine D1 receptor knock-out mice. *Journal of Neuroscience*, **2007**, 27, 13140-50	6.6	134
19	Cocaine self-administration under fixed and progressive ratio schedules of reinforcement: comparison of C57BL/6J, 129X1/SvJ, and 129S6/SvEvTac inbred mice. *Psychopharmacology*, **2006**, 184, 145-54	4.7	34
18	Reduced cocaine self-administration in muscarinic M5 acetylcholine receptor-deficient mice. *Journal of Neuroscience*, **2005**, 25, 8141-9	6.6	94
17	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. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 312, 733-41	4.7	82
16	Chronic intravenous drug self-administration in rats and mice. *Current Protocols in Neuroscience*, **2005**, Chapter 9, Unit 9.20	2.7	76
15	Effect of GABA agonists and GABA-A receptor modulators on cocaine- and food-maintained responding and cocaine discrimination in rats. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 315, 858-71	4.7	46
14	Effect of gonadectomy and gonadal hormone replacement on cocaine self-administration in female and male rats. *Neuropsychopharmacology*, **2004**, 29, 929-42	8.7	86
13	The utility of □tolerance□as a concept in the study of drug self-administration. *Psychopharmacology*, **2004**, 171, 362-363	4.7	5
12	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. *Neuropharmacology*, **2004**, 47 Suppl 1, 256-73	5.5	103
11	Role of dopamine D2-like receptors in cocaine self-administration: studies with D2 receptor mutant mice and novel D2 receptor antagonists. *Journal of Neuroscience*, **2002**, 22, 2977-88	6.6	189
10	Behavioral effects of psychomotor stimulants in rats with dorsal or ventral subiculum lesions: Locomotion, cocaine self-administration, and prepulse inhibition of startle.. *Behavioral Neuroscience*, **2001**, 115, 880-894	2.1	57

9	Effects of dopamine D□like and D□like agonists in rats trained to discriminate cocaine from saline: Influence of experimental history.. *Experimental and Clinical Psychopharmacology*, **2000**, 8, 404-414	3.2	23
8	Neuroanatomical Bases of the Reinforcing Stimulus Effects of Cocaine **1998**, 21-50		2
7	D3 receptor test in vitro predicts decreased cocaine self-administration in rats. *NeuroReport*, **1997**, 8, 2373-7	1.7	124
6	Effects of D3/D2 dopamine receptor agonists and antagonists on prepulse inhibition of acoustic startle in the rat. *Neuropsychopharmacology*, **1995**, 12, 139-45	8.7	64
5	Effects of the dopamine D-1 antagonist SCH 23390 microinjected into the accumbens, amygdala or striatum on cocaine self-administration in the rat. *Brain Research*, **1995**, 692, 47-56	3.7	239
4	Effects of mesolimbic dopamine depletion on responding maintained by cocaine and food. *Journal of the Experimental Analysis of Behavior*, **1994**, 61, 213-21	2.1	104
3	Autoradiographic distribution of thyrotropin-releasing hormone receptors in the African lungfish Protopterus annectens. *Journal of Comparative Neurology*, **1989**, 287, 19-27	3.4	7
2	Ibotenic acid decreases thyrotropin-releasing hormone receptor binding in the rat amygdala. *Brain Research*, **1985**, 347, 144-8	3.7	7
1	Mutations in CalDAG-GEFI Lead to Striatal Signaling Deficits and Psychomotor Symptoms in Multiple Species Including Human		2