John D Salamone

List of Publications by Citations

255 papers	17,967 citations	73 h-index	124 g-index
265 ext. papers	19,420 ext. citations	4.3 avg, IF	6.76 L-index

#	Paper	IF	Citations
255	The mysterious motivational functions of mesolimbic dopamine. *Neuron*, **2012**, 76, 470-85	13.9	824
254	Effort-related functions of nucleus accumbens dopamine and associated forebrain circuits. *Psychopharmacology*, **2007**, 191, 461-82	4.7	799
253	Motivational views of reinforcement: implications for understanding the behavioral functions of nucleus accumbens dopamine. *Behavioural Brain Research*, **2002**, 137, 3-25	3.4	627
252	Neurobiology of exercise. *Obesity*, **2006**, 14, 345-56	8	585
251	The involvement of nucleus accumbens dopamine in appetitive and aversive motivation. *Behavioural Brain Research*, **1994**, 61, 117-33	3.4	475
250	Behavioral functions of nucleus accumbens dopamine: empirical and conceptual problems with the anhedonia hypothesis. *Neuroscience and Biobehavioral Reviews*, **1997**, 21, 341-59	9	450
249	Beyond the reward hypothesis: alternative functions of nucleus accumbens dopamine. *Current Opinion in Pharmacology*, **2005**, 5, 34-41	5.1	398
248	Place navigation in rats is impaired by lesions of medial septum and diagonal band but not nucleus basalis magnocellularis. *Behavioural Brain Research*, **1988**, 27, 9-20	3.4	392
247	Anhedonia or anergia? Effects of haloperidol and nucleus accumbens dopamine depletion on instrumental response selection in a T-maze cost/benefit procedure. *Behavioural Brain Research*, **1994**, 65, 221-9	3.4	365
246	Nucleus accumbens dopamine and the regulation of effort in food-seeking behavior: implications for studies of natural motivation, psychiatry, and drug abuse. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 305, 1-8	4.7	355
245	Haloperidol and nucleus accumbens dopamine depletion suppress lever pressing for food but increase free food consumption in a novel food choice procedure. *Psychopharmacology*, **1991**, 104, 515-21	4.7	316
244	Complex motor and sensorimotor functions of striatal and accumbens dopamine: involvement in instrumental behavior processes. *Psychopharmacology*, **1992**, 107, 160-74	4.7	225
243	Dopamine, behavioral economics, and effort. *Frontiers in Behavioral Neuroscience*, **2009**, 3, 13	3.5	207
242	Nucleus accumbens dopamine depletions make rats more sensitive to high ratio requirements but do not impair primary food reinforcement. *Neuroscience*, **1999**, 92, 545-52	3.9	192
241	Lesions in medial preoptic area and bed nucleus of stria terminalis: differential effects on copulatory behavior and noncontact erection in male rats. *Journal of Neuroscience*, **1997**, 17, 5245-53	6.6	184
240	Activational and effort-related aspects of motivation: neural mechanisms and implications for psychopathology. *Brain*, **2016**, 139, 1325-47	11.2	182
239	D1 or D2 antagonism in nucleus accumbens core or dorsomedial shell suppresses lever pressing for food but leads to compensatory increases in chow consumption. *Pharmacology Biochemistry and Behavior*, **2001**, 69, 373-82	3.9	171

238	Nucleus accumbens dopamine depletions alter relative response allocation in a T-maze cost/benefit task. *Behavioural Brain Research*, **1996**, 74, 189-97	3.4	168
237	The behavioral neurochemistry of motivation: methodological and conceptual issues in studies of the dynamic activity of nucleus accumbens dopamine. *Journal of Neuroscience Methods*, **1996**, 64, 137-49	3	161
236	Effects of dopamine antagonists and accumbens dopamine depletions on time-constrained progressive-ratio performance. *Pharmacology Biochemistry and Behavior*, **1998**, 61, 341-8	3.9	155
235	Nucleus accumbens dopamine depletions make animals highly sensitive to high fixed ratio requirements but do not impair primary food reinforcement. *Neuroscience*, **2001**, 105, 863-70	3.9	153
234	Nucleus accumbens dopamine release increases during instrumental lever pressing for food but not free food consumption. *Pharmacology Biochemistry and Behavior*, **1994**, 49, 25-31	3.9	153
233	Ventrolateral striatal dopamine depletions impair feeding and food handling in rats. *Pharmacology Biochemistry and Behavior*, **1993**, 44, 605-10	3.9	147
232	A neurochemical and behavioral investigation of the involvement of nucleus accumbens dopamine in instrumental avoidance. *Neuroscience*, **1993**, 52, 919-25	3.9	146
231	Involvement of nucleus accumbens dopamine in the motor activity induced by periodic food presentation: a microdialysis and behavioral study. *Brain Research*, **1992**, 592, 29-36	3.7	141
230	Different effects of nucleus accumbens and ventrolateral striatal dopamine depletions on instrumental response selection in the rat. *Pharmacology Biochemistry and Behavior*, **1993**, 46, 943-51	3.9	141
229	The cannabinoid CB1 antagonists SR 141716A and AM 251 suppress food intake and food-reinforced behavior in a variety of tasks in rats. *Behavioural Pharmacology*, **2003**, 14, 583-8	2.4	140
228	Nucleus accumbens dopamine depletions in rats affect relative response allocation in a novel cost/benefit procedure. *Pharmacology Biochemistry and Behavior*, **1994**, 49, 85-91	3.9	137
227	The role of accumbens dopamine in lever pressing and response allocation: effects of 6-OHDA injected into core and dorsomedial shell. *Pharmacology Biochemistry and Behavior*, **1998**, 59, 557-66	3.9	136
226	Tremulous jaw movements in rats: a model of parkinsonian tremor. *Progress in Neurobiology*, **1998**, 56, 591-611	10.9	129
225	Transplantation of embryonic ventral forebrain grafts to the neocortex of rats with bilateral lesions of nucleus basalis magnocellularis ameliorates a lesion-induced deficit in spatial memory. *Brain Research*, **1988**, 463, 192-7	3.7	129
224	Dopaminergic modulation of effort-related choice behavior as assessed by a progressive ratio chow feeding choice task: pharmacological studies and the role of individual differences. *PLoS ONE*, **2012**, 7, e47934	3.7	128
223	The novel cannabinoid CB1 receptor neutral antagonist AM4113 suppresses food intake and food-reinforced behavior but does not induce signs of nausea in rats. *Neuropsychopharmacology*, **2008**, 33, 946-55	8.7	127
222	The role of brain dopamine in response initiation: effects of haloperidol and regionally specific dopamine depletions on the local rate of instrumental responding. *Brain Research*, **1993**, 628, 218-26	3.7	126
221	Effects of dopamine depletions in the medial prefrontal cortex on DRL performance and motor activity in the rat. *Brain Research*, **1994**, 642, 20-8	3.7	124

220	The behavioral pharmacology of effort-related choice behavior: dopamine, adenosine and beyond. *Journal of the Experimental Analysis of Behavior*, **2012**, 97, 125-46	2.1	117
219	Cannabinoid CB1 receptor inverse agonists and neutral antagonists: effects on food intake, food-reinforced behavior and food aversions. *Physiology and Behavior*, **2007**, 91, 383-8	3.5	112
218	The adenosine A2A antagonist KF17837 reverses the locomotor suppression and tremulous jaw movements induced by haloperidol in rats: possible relevance to parkinsonism. *Behavioural Brain Research*, **2004**, 148, 47-54	3.4	111
217	Dopamine antagonists alter response allocation but do not suppress appetite for food in rats: contrast between the effects of SKF 83566, raclopride, and fenfluramine on a concurrent choice task. *Psychopharmacology*, **2002**, 160, 371-80	4.7	109
216	Impairment in T-maze reinforced alternation performance following nucleus basalis magnocellularis lesions in rats. *Behavioural Brain Research*, **1984**, 13, 63-70	3.4	109
215	Mesolimbic Dopamine and the Regulation of Motivated Behavior. *Current Topics in Behavioral Neurosciences*, **2016**, 27, 231-57	3.4	107
214	Pharmacological characterization of performance on a concurrent lever pressing/feeding choice procedure: effects of dopamine antagonist, cholinomimetic, sedative and stimulant drugs. *Psychopharmacology*, **1994**, 116, 529-37	4.7	106
213	Nucleus accumbens dopamine and work requirements on interval schedules. *Behavioural Brain Research*, **2002**, 137, 179-87	3.4	103
212	Nucleus accumbens adenosine A2A receptors regulate exertion of effort by acting on the ventral striatopallidal pathway. *Journal of Neuroscience*, **2008**, 28, 9037-46	6.6	98
211	The role of nucleus accumbens dopamine in the neurochemical and behavioral effects of phencyclidine: a microdialysis and behavioral study. *Brain Research*, **1993**, 612, 263-70	3.7	97
210	Accumbens dopamine and the regulation of effort in food-seeking behavior: modulation of work output by different ratio or force requirements. *Behavioural Brain Research*, **2004**, 151, 83-91	3.4	96
209	Anxiogenic drugs beta-CCE and FG 7142 increase extracellular dopamine levels in nucleus accumbens. *Psychopharmacology*, **1992**, 109, 379-82	4.7	95
208	Nucleus accumbens neurotransmission and effort-related choice behavior in food motivation: effects of drugs acting on dopamine, adenosine, and muscarinic acetylcholine receptors. *Neuroscience and Biobehavioral Reviews*, **2013**, 37, 2015-25	9	94
207	Adenosine A2A receptor antagonism and genetic deletion attenuate the effects of dopamine D2 antagonism on effort-based decision making in mice. *Neuropharmacology*, **2012**, 62, 2068-77	5.5	93
206	Characterization of the impaired feeding behavior in rats given haloperidol or dopamine-depleting brain lesions. *Neuroscience*, **1990**, 39, 17-24	3.9	92
205	Piecing together the puzzle of acetaldehyde as a neuroactive agent. *Neuroscience and Biobehavioral Reviews*, **2012**, 36, 404-30	9	89
204	Effort-related motivational effects of the VMAT-2 inhibitor tetrabenazine: implications for animal models of the motivational symptoms of depression. *Journal of Neuroscience*, **2013**, 33, 19120-30	6.6	88
203	The adenosine A2A antagonist MSX-3 reverses the effects of the dopamine antagonist haloperidol on effort-related decision making in a T-maze cost/benefit procedure. *Psychopharmacology*, **2009**, 204, 103-12	4.7	88

202	Lateral striatal cholinergic mechanisms involved in oral motor activities in the rat. *Psychopharmacology*, **1990**, 102, 529-34	4.7	88
201	A microdialysis study of nucleus accumbens core and shell dopamine during operant responding in the rat. *Neuroscience*, **1998**, 86, 1001-9	3.9	87
200	Open field locomotor effects in rats after intraventricular injections of ethanol and the ethanol metabolites acetaldehyde and acetate. *Brain Research Bulletin*, **2003**, 62, 197-202	3.9	86
199	Increases in extracellular dopamine levels and locomotor activity after direct infusion of phencyclidine into the nucleus accumbens. *Brain Research*, **1992**, 577, 1-9	3.7	86
198	Cannabinoid CB1 antagonists and dopamine antagonists produce different effects on a task involving response allocation and effort-related choice in food-seeking behavior. *Psychopharmacology*, **2008**, 196, 565-74	4.7	85
197	Nucleus accumbens and effort-related functions: behavioral and neural markers of the interactions between adenosine A2A and dopamine D2 receptors. *Neuroscience*, **2010**, 166, 1056-67	3.9	84
196	Adenosine A(2A) receptor antagonism reverses the effects of dopamine receptor antagonism on instrumental output and effort-related choice in the rat: implications for studies of psychomotor slowing. *Psychopharmacology*, **2007**, 191, 579-86	4.7	84
195	Different effects of haloperidol and extinction on instrumental behaviours. *Psychopharmacology*, **1986**, 88, 18-23	4.7	84
194	Nucleus Accumbens Dopamine and the Forebrain Circuitry Involved in Behavioral Activation and Effort-Related Decision Making: Implications for Understanding Anergia and Psychomotor Slowing in Depression. *Current Psychiatry Reviews*, **2006**, 2, 267-280	0.9	82
193	The role of nucleus accumbens dopamine in responding on a continuous reinforcement operant schedule: a neurochemical and behavioral study. *Pharmacology Biochemistry and Behavior*, **1993**, 46, 581-6	3.9	82
192	Forebrain circuitry involved in effort-related choice: Injections of the GABAA agonist muscimol into ventral pallidum alter response allocation in food-seeking behavior. *Neuroscience*, **2008**, 152, 321-30	3.9	80
191	Ratio and time requirements on operant schedules: effort-related effects of nucleus accumbens dopamine depletions. *European Journal of Neuroscience*, **2005**, 21, 1749-57	3.5	80
190	Intra-accumbens injections of the adenosine A2A agonist CGS 21680 affect effort-related choice behavior in rats. *Psychopharmacology*, **2008**, 199, 515-26	4.7	79
189	Impaired sexual response after lesions of the paraventricular nucleus of the hypothalamus in male rats.. *Behavioral Neuroscience*, **1997**, 111, 1361-1367	2.1	78
188	Involvement of ventrolateral striatal dopamine in movement initiation and execution: a microdialysis and behavioral investigation. *Neuroscience*, **1996**, 70, 849-59	3.9	77
187	The pharmacology of effort-related choice behavior: Dopamine, depression, and individual differences. *Behavioural Processes*, **2016**, 127, 3-17	1.6	76
186	Differential actions of adenosine A1 and A2A antagonists on the effort-related effects of dopamine D2 antagonism. *Behavioural Brain Research*, **2009**, 201, 216-22	3.4	76
185	Different behavioral effects of haloperidol, clozapine and thioridazine in a concurrent lever pressing and feeding procedure. *Psychopharmacology*, **1996**, 125, 105-12	4.7	76

184	Sexual behavior in male rats after radiofrequency or dopamine-depleting lesions in nucleus accumbens. *Pharmacology Biochemistry and Behavior*, **1998**, 60, 585-92	3.9	75
183	Measuring reinforcement learning and motivation constructs in experimental animals: relevance to the negative symptoms of schizophrenia. *Neuroscience and Biobehavioral Reviews*, **2013**, 37, 2149-65	9	73
182	The cannabinoid CB1 antagonist AM 251 produces food avoidance and behaviors associated with nausea but does not impair feeding efficiency in rats. *Psychopharmacology*, **2005**, 180, 286-93	4.7	73
181	Effort-related motivational effects of the pro-inflammatory cytokine interleukin 1-beta: studies with the concurrent fixed ratio 5/ chow feeding choice task. *Psychopharmacology*, **2014**, 231, 727-36	4.7	72
180	The effects of haloperidol and clozapine on PCP- and amphetamine-induced suppression of social behavior in the rat. *Pharmacology Biochemistry and Behavior*, **1994**, 47, 579-85	3.9	71
179	Comparison between multiple behavioral effects of peripheral ethanol administration in rats: sedation, ataxia, and bradykinesia. *Life Sciences*, **2006**, 79, 154-61	6.8	69
178	Tremorolytic effects of adenosine A2A antagonists: implications for parkinsonism. *Frontiers in Bioscience - Landmark*, **2008**, 13, 3594-605	2.8	69
177	The VMAT-2 inhibitor tetrabenazine alters effort-related decision making as measured by the T-maze barrier choice task: reversal with the adenosine A2A antagonist MSX-3 and the catecholamine uptake blocker bupropion. *Psychopharmacology*, **2015**, 232, 1313-23	4.7	66
176	Tremulous jaw movements produced by acute tacrine administration: possible relation to parkinsonian side effects. *Pharmacology Biochemistry and Behavior*, **1997**, 56, 273-9	3.9	66
175	A 5-HT2A receptor inverse agonist, ACP-103, reduces tremor in a rat model and levodopa-induced dyskinesias in a monkey model. *Pharmacology Biochemistry and Behavior*, **2008**, 90, 540-4	3.9	66
174	Nucleus accumbens dopamine depletions and time-constrained progressive ratio performance: effects of different ratio requirements. *Pharmacology Biochemistry and Behavior*, **1999**, 64, 21-7	3.9	66
173	The role of dopamine D1 receptor transmission in effort-related choice behavior: Effects of D1 agonists. *Pharmacology Biochemistry and Behavior*, **2015**, 135, 217-26	3.9	64
172	The effects of nucleus accumbens dopamine depletions on continuously reinforced operant responding: contrasts with the effects of extinction. *Pharmacology Biochemistry and Behavior*, **1995**, 50, 437-43	3.9	62
171	Vacuous jaw movements induced by acute reserpine and low-dose apomorphine: possible model of parkinsonian tremor. *Pharmacology Biochemistry and Behavior*, **1996**, 53, 179-83	3.9	61
170	The VMAT-2 inhibitor tetrabenazine affects effort-related decision making in a progressive ratio/chow feeding choice task: reversal with antidepressant drugs. *PLoS ONE*, **2014**, 9, e99320	3.7	61
169	Potential anxiogenic effects of cannabinoid CB1 receptor antagonists/inverse agonists in rats: comparisons between AM4113, AM251, and the benzodiazepine inverse agonist FG-7142. *European Neuropsychopharmacology*, **2010**, 20, 112-22	1.2	60
168	Vacuous jaw movements induced by sub-chronic administration of haloperidol: interactions with scopolamine. *Psychopharmacology*, **1993**, 111, 99-105	4.7	60
167	Differential effects of selective adenosine antagonists on the effort-related impairments induced by dopamine D1 and D2 antagonism. *Neuroscience*, **2010**, 170, 268-80	3.9	59

166	Interactions between dopamine D1 receptors and gamma-aminobutyric acid mechanisms in substantia nigra pars reticulata of the rat: neurochemical and behavioral studies. *Psychopharmacology*, **2002**, 159, 229-37	4.7	59
165	Substantia nigra pars reticulata is a highly potent site of action for the behavioral effects of the D1 antagonist SCH 23390 in the rat. *Psychopharmacology*, **2001**, 156, 32-41	4.7	59
164	Bupropion increases selection of high effort activity in rats tested on a progressive ratio/chow feeding choice procedure: implications for treatment of effort-related motivational symptoms. *International Journal of Neuropsychopharmacology*, **2014**, 18,	5.8	58
163	The adenosine A2A antagonist MSX-3 reverses the effort-related effects of dopamine blockade: differential interaction with D1 and D2 family antagonists. *Psychopharmacology*, **2009**, 203, 489-99	4.7	58
162	Tremulous jaw movements induced by the acetylcholinesterase inhibitor tacrine: effects of antiparkinsonian drugs. *European Journal of Pharmacology*, **1997**, 322, 137-45	5.3	57
161	Tremulous characteristics of the vacuous jaw movements induced by pilocarpine and ventrolateral striatal dopamine depletions. *Pharmacology Biochemistry and Behavior*, **1997**, 57, 243-9	3.9	57
160	The novel cannabinoid CB1 antagonist AM6545 suppresses food intake and food-reinforced behavior. *Pharmacology Biochemistry and Behavior*, **2010**, 97, 179-84	3.9	55
159	Rats with partial striatal dopamine depletions exhibit robust and long-lasting behavioral deficits in a simple fixed-ratio bar-pressing task. *Behavioural Brain Research*, **1997**, 86, 25-40	3.4	55
158	Different behavioral functions of dopamine in the nucleus accumbens and ventrolateral striatum: a microdialysis and behavioral investigation. *Neuroscience*, **1999**, 91, 925-34	3.9	55
157	Brain mechanisms underlying apathy. *Journal of Neurology, Neurosurgery and Psychiatry*, **2019**, 90, 302-312	5.5	55
156	Neurobiological basis of motivational deficits in psychopathology. *European Neuropsychopharmacology*, **2015**, 25, 1225-38	1.2	54
155	Dopamine, Effort-Based Choice, and Behavioral Economics: Basic and Translational Research. *Frontiers in Behavioral Neuroscience*, **2018**, 12, 52	3.5	53
154	Paradoxical kinesia in parkinsonism is not caused by dopamine release. Studies in an animal model. *Archives of Neurology*, **1989**, 46, 1070-5		52
153	Dopamine/adenosine interactions involved in effort-related aspects of food motivation. *Appetite*, **2009**, 53, 422-5	4.5	51
152	Dopamine/adenosine interactions related to locomotion and tremor in animal models: possible relevance to parkinsonism. *Parkinsonism and Related Disorders*, **2008**, 14 Suppl 2, S130-4	3.6	51
151	Dopamine and food addiction: lexicon badly needed. *Biological Psychiatry*, **2013**, 73, e15-24	7.9	50
150	Temporal measures of human finger tapping: effects of age. *Pharmacology Biochemistry and Behavior*, **1998**, 59, 445-9	3.9	50
149	The muscarinic receptor antagonist tropicamide suppresses tremulous jaw movements in a rodent model of parkinsonian tremor: possible role of M4 receptors. *Psychopharmacology*, **2007**, 194, 347-59	4.7	50

148	Behavioral activation in rats increases striatal dopamine metabolism measured by dialysis perfusion. *Brain Research*, **1989**, 487, 215-24	3.7	49
147	Dopaminergic involvement in activational aspects of motivation: Effects of haloperidol on schedule-induced activity, feeding, and foraging in rats. *Cognitive, Affective and Behavioral Neuroscience*, **1988**, 16, 196-206		48
146	Blockade of uptake for dopamine, but not norepinephrine or 5-HT, increases selection of high effort instrumental activity: Implications for treatment of effort-related motivational symptoms in psychopathology. *Neuropharmacology*, **2016**, 109, 270-280	5.5	48
145	Not All Antidepressants Are Created Equal: Differential Effects of Monoamine Uptake Inhibitors on Effort-Related Choice Behavior. *Neuropsychopharmacology*, **2016**, 41, 686-94	8.7	47
144	Effects of the adenosine A 2A antagonist KW 6002 (istradefylline) on pimozide-induced oral tremor and striatal c-Fos expression: comparisons with the muscarinic antagonist tropicamide. *Neuroscience*, **2009**, 163, 97-108	3.9	47
143	Motor stimulant effects of ethanol injected into the substantia nigra pars reticulata: importance of catalase-mediated metabolism and the role of acetaldehyde. *Neuropsychopharmacology*, **2006**, 31, 997-1008	8.7	47
142	Injections of the selective adenosine A2A antagonist MSX-3 into the nucleus accumbens core attenuate the locomotor suppression induced by haloperidol in rats. *Behavioural Brain Research*, **2007**, 178, 190-9	3.4	47
141	Effort-related motivational effects of the pro-inflammatory cytokine interleukin-6: pharmacological and neurochemical characterization. *Psychopharmacology*, **2016**, 233, 3575-86	4.7	46
140	Selection of sucrose concentration depends on the effort required to obtain it: studies using tetrabenazine, D1, D2, and D3 receptor antagonists. *Psychopharmacology*, **2015**, 232, 2377-91	4.7	45
139	Effects of lisdexamfetamine and s-citalopram, alone and in combination, on effort-related choice behavior in the rat. *Psychopharmacology*, **2016**, 233, 949-60	4.7	44
138	The Psychopharmacology of Effort-Related Decision Making: Dopamine, Adenosine, and Insights into the Neurochemistry of Motivation. *Pharmacological Reviews*, **2018**, 70, 747-762	22.5	44
137	Choosing voluntary exercise over sucrose consumption depends upon dopamine transmission: effects of haloperidol in wild type and adenosine A2AKO mice. *Psychopharmacology*, **2016**, 233, 393-404	4.7	43
136	Caffeine and Selective Adenosine Receptor Antagonists as New Therapeutic Tools for the Motivational Symptoms of Depression. *Frontiers in Pharmacology*, **2018**, 9, 526	5.6	43
135	Neostriatal muscarinic receptor subtypes involved in the generation of tremulous jaw movements in rodents implications for cholinergic involvement in parkinsonism. *Life Sciences*, **2001**, 68, 2579-84	6.8	43
134	Midbrain dopamine neurons associated with reward processing innervate the neurogenic subventricular zone. *Journal of Neuroscience*, **2011**, 31, 13078-87	6.6	42
133	Vacuous jaw movements in rats induced by acute reserpine administration: interactions with different doses of apomorphine. *Pharmacology Biochemistry and Behavior*, **1993**, 46, 793-7	3.9	42
132	Effects of acute haloperidol and reserpine administration on vacuous jaw movements in three different age groups of rats. *Pharmacology Biochemistry and Behavior*, **1993**, 46, 405-9	3.9	42
131	Dopamine agonists suppress cholinomimetic-induced tremulous jaw movements in an animal model of Parkinsonism: tremorolytic effects of pergolide, ropinirole and CY 208-243. *Behavioural Brain Research*, **2005**, 156, 173-9	3.4	41

130	Locomotor stimulant effects of intraventricular injections of low doses of ethanol in rats: acute and repeated administration. *Psychopharmacology*, **2003**, 170, 368-75	4.7	41
129	Behavioral effects of intraventricular injections of low doses of ethanol, acetaldehyde, and acetate in rats: studies with low and high rate operant schedules. *Behavioural Brain Research*, **2003**, 147, 203-10	3.4	40
128	Stimulant effects of adenosine antagonists on operant behavior: differential actions of selective A2A and A1 antagonists. *Psychopharmacology*, **2011**, 216, 173-86	4.7	39
127	Effects of clozapine, thioridazine, risperidone and haloperidol on behavioral tests related to extrapyramidal motor function. *Psychopharmacology*, **1997**, 132, 74-81	4.7	39
126	A detailed characterization of the effects of four cannabinoid agonists on operant lever pressing. *Psychopharmacology*, **1998**, 137, 147-56	4.7	39
125	Skilled motor deficits in rats induced by ventrolateral striatal dopamine depletions: behavioral and pharmacological characterization. *Brain Research*, **1996**, 732, 186-94	3.7	39
124	The role of ventrolateral striatal acetylcholine in the production of tacrine-induced jaw movements. *Pharmacology Biochemistry and Behavior*, **1999**, 62, 439-47	3.9	38
123	The novel adenosine A(2A) antagonist prodrug MSX-4 is effective in animal models related to motivational and motor functions. *Pharmacology Biochemistry and Behavior*, **2012**, 102, 477-87	3.9	37
122	Interactions between adenosine and dopamine receptor antagonists with different selectivity profiles: Effects on locomotor activity. *Behavioural Brain Research*, **2010**, 211, 148-55	3.4	37
121	The CB1 inverse agonist AM251, but not the CB1 antagonist AM4113, enhances retention of contextual fear conditioning in rats. *Pharmacology Biochemistry and Behavior*, **2010**, 95, 479-84	3.9	37
120	Validation of the tremulous jaw movement model for assessment of the motor effects of typical and atypical antipychotics: effects of pimozide (Orap) in rats. *Pharmacology Biochemistry and Behavior*, **2005**, 80, 351-62	3.9	36
119	Effects of subchronic administration of clozapine, thioridazine and haloperidol on tests related to extrapyramidal motor function in the rat. *Psychopharmacology*, **1998**, 137, 61-6	4.7	35
118	Extracellular ascorbic acid increases in striatum following systemic amphetamine. *Pharmacology Biochemistry and Behavior*, **1984**, 20, 609-12	3.9	35
117	The cannabinoid CB1 receptor inverse agonist AM 251 and antagonist AM 4113 produce similar effects on the behavioral satiety sequence in rats. *Behavioural Brain Research*, **2008**, 193, 298-305	3.4	34
116	Behavioral effects of the novel cannabinoid full agonist AM 411. *Pharmacology Biochemistry and Behavior*, **2005**, 81, 78-88	3.9	34
115	Characterization of the muscarinic receptor subtype mediating pilocarpine-induced tremulous jaw movements in rats. *European Journal of Pharmacology*, **1999**, 364, 7-11	5.3	34
114	Oral tremor induced by the muscarinic agonist pilocarpine is suppressed by the adenosine A2A antagonists MSX-3 and SCH58261, but not the adenosine A1 antagonist DPCPX. *Pharmacology Biochemistry and Behavior*, **2010**, 94, 561-9	3.9	33
113	Suppression of food intake and food-reinforced behavior produced by the novel CB1 receptor antagonist/inverse agonist AM 1387. *Pharmacology Biochemistry and Behavior*, **2006**, 83, 396-402	3.9	33

112	Local injections of the 5-hydroxytryptamine antagonist mianserin into substantia nigra pars reticulata block tremulous jaw movements in rats: studies with a putative model of Parkinsonian tremor. *Psychopharmacology*, **2003**, 165, 229-37	4.7	33
111	The Actions of Neuroleptic Drugs on Appetitive Instrumental Behaviors **1987**, 575-608		33
110	Oral bioavailability of the novel cannabinoid CB1 antagonist AM6527: effects on food-reinforced behavior and comparisons with AM4113. *Pharmacology Biochemistry and Behavior*, **2009**, 91, 303-6	3.9	32
109	Motor dysfunction produced by tacrine administration in rats. *Pharmacology Biochemistry and Behavior*, **1997**, 58, 851-8	3.9	32
108	Behavioral and electromyographic characterization of the local frequency of tacrine-induced tremulous jaw movements. *Physiology and Behavior*, **1998**, 64, 153-8	3.5	32
107	Striatal and nigral D1 mechanisms involved in the antiparkinsonian effects of SKF 82958 (APB): studies of tremulous jaw movements in rats. *Psychopharmacology*, **1999**, 143, 72-81	4.7	32
106	Effects of dopamine depletions in the medial prefrontal cortex on active avoidance and escape in the rat. *Brain Research*, **1994**, 651, 293-9	3.7	32
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104	Slow phasic changes in nucleus accumbens dopamine release during fixed ratio acquisition: a microdialysis study. *Neuroscience*, **2011**, 196, 178-88	3.9	31
103	Effects of acute and repeated clozapine injections on cholinomimetic-induced vacuous jaw movements. *Pharmacology Biochemistry and Behavior*, **1996**, 54, 619-24	3.9	31
102	Synthesis and characterization of all four isomers of the muscarinic agonist 2Smethylspiro[1-azabicyclo[2.2.2]octane-3,4S[1,3]dioxolane]. *Journal of Medicinal Chemistry*, **1987**, 30, 969-75	8.3	31
101	Role of dopamine–adenosine interactions in the brain circuitry regulating effort-related decision making: insights into pathological aspects of motivation. *Future Neurology*, **2010**, 5, 377-392	1.5	30
100	Will the last person who uses the term 'reward' please turn out the lights? Comments on processes related to reinforcement, learning, motivation and effort. *Addiction Biology*, **2006**, 11, 43-4	4.6	30
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