

# Sanders A Mcdougall

## List of Publications by Year in descending order

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59  
papers

922  
citations

516561

16  
h-index

552653

26  
g-index

59  
all docs

59  
docs citations

59  
times ranked

662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of the $\mu$ -opioid receptor agonist U-50,488 on morphine-induced place preference conditioning in the developing rat. <i>European Journal of Pharmacology</i> , 1996, 317, 1-8.	1.7	72
2	Effects of repeated methylphenidate treatment in the young rat: Sensitization of both locomotor activity and stereotyped sniffing. <i>Experimental and Clinical Psychopharmacology</i> , 1999, 7, 208-218.	1.3	61
3	Effects of dopamine D1 and D2 receptor antagonists on cocaine-induced place preference conditioning in preweanling rats. <i>European Journal of Pharmacology</i> , 1995, 283, 125-131.	1.7	48
4	Ontogeny of locomotor activity and grooming in the young rat: role of dopamine D1 and D2 receptors. <i>European Journal of Pharmacology</i> , 1990, 186, 223-230.	1.7	46
5	Role of D1-like receptors in amphetamine-induced behavioral sensitization: a study using D1A receptor knockout mice. <i>Psychopharmacology</i> , 2002, 159, 407-414.	1.5	41
6	Postnatal manganese exposure attenuates cocaine-induced locomotor activity and reduces dopamine transporters in adult male rats. <i>Neurotoxicology and Teratology</i> , 2006, 28, 323-332.	1.2	40
7	Effects of ketamine on the unconditioned and conditioned locomotor activity of preadolescent and adolescent rats: impact of age, sex, and drug dose. <i>Psychopharmacology</i> , 2017, 234, 2683-2696.	1.5	37
8	Ontogeny of behavioral sensitization in the rat: effects of direct and indirect dopamine agonists. <i>Psychopharmacology</i> , 1994, 116, 483-490.	1.5	36
9	Importance of D1 receptors for associative components of amphetamine-induced behavioral sensitization and conditioned activity: a study using D1 receptor knockout mice. <i>Psychopharmacology</i> , 2005, 183, 20-30.	1.5	23
10	Repeated aripiprazole treatment causes dopamine D2 receptor up-regulation and dopamine supersensitivity in young rats. <i>Journal of Psychopharmacology</i> , 2014, 28, 376-386.	2.0	23
11	Sex-dependent changes in ketamine-induced locomotor activity and ketamine pharmacokinetics in preweanling, adolescent, and adult rats. <i>European Neuropsychopharmacology</i> , 2019, 29, 740-755.	0.3	23
12	Effects of irreversible dopamine receptor inactivation on locomotor activity and grooming in the 17- and 90-day-old rat. <i>Psychopharmacology</i> , 1992, 106, 502-510.	1.5	22
13	Cocaine-induced behavioral sensitization in preweanling and adult rats: effects of a single drug-environment pairing. <i>Psychopharmacology</i> , 2007, 193, 323-332.	1.5	22
14	Postnatal manganese exposure alters the expression of D2L and D2S receptor isoforms: Relationship to PKA activity and Akt levels. <i>Synapse</i> , 2011, 65, 583-591.	0.6	19
15	Behavioral effects of selective and nonselective dopamine agonists on young rats after irreversible antagonism of D1 and/or D2 receptors. <i>Psychopharmacology</i> , 1993, 111, 225-232.	1.5	18
16	Effects of monoamine depletion on the ketamine-induced locomotor activity of preweanling, adolescent, and adult rats: Sex and age differences. <i>Behavioural Brain Research</i> , 2020, 379, 112267.	1.2	17
17	Paradoxical effects of kappa-opioid stimulation on the locomotor activity and fos immunoreactivity of the preweanling rat: Role of dopamine receptors. <i>Behavioral Neuroscience</i> , 1997, 111, 1114-1122.	0.6	16
18	Dopaminergic modulation of kappa opioid-mediated ultrasonic vocalization, antinociception, and locomotor activity in the preweanling rat. <i>Behavioral Neuroscience</i> , 1999, 113, 816-825.	0.6	15

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19	Persistence of one-trial cocaine-induced behavioral sensitization in young rats: regional differences in Fos immunoreactivity. <i>Psychopharmacology</i> , 2009, 203, 617-628.	1.5	15
20	Ontogeny of methamphetamine-induced and cocaine-induced one-trial behavioral sensitization in preweanling and adolescent rats. <i>Behavioural Pharmacology</i> , 2012, 23, 367-379.	0.8	15
21	Effects of dopamine and serotonin synthesis inhibitors on the ketamine-, d-amphetamine-, and cocaine-induced locomotor activity of preweanling and adolescent rats: sex differences. <i>Behavioural Brain Research</i> , 2020, 379, 112302.	1.2	15
22	Depletion of dopamine binding sites and changes in dopamine and dihydroxyphenylacetic acid levels in 17- and 90-day-old rat striatum after irreversible receptor antagonism. <i>Neuroscience Letters</i> , 1992, 137, 265-269.	1.0	14
23	Age-dependent differences in the rate of recovery of striatal dopamine D1 and D2 receptors after inactivation with EEDQ. <i>European Journal of Pharmacology</i> , 1994, 252, 225-231.	1.7	14
24	Importance of environmental context for one- and three-trial cocaine-induced behavioral sensitization in preweanling rats. <i>Psychopharmacology</i> , 2009, 206, 377-388.	1.5	14
25	Age-dependent changes in cocaine sensitivity across early ontogeny in male and female rats: possible role of dorsal striatal D2High receptors. <i>Psychopharmacology</i> , 2015, 232, 2287-2301.	1.5	14
26	Dopamine D <sub>2</sub> Receptor Supersensitivity as a Spectrum of Neurotoxicity and Status in Psychiatric Disorders. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 519-526.	1.3	14
27	Effects of SCH 23390 and sulpiride on the reinforced responding of the young rat. <i>Behavioral Neuroscience</i> , 1991, 105, 744-754.	0.6	12
28	Ontogenetic differences in the effects of EEDQ on dopamine-mediated behaviors. <i>Pharmacology Biochemistry and Behavior</i> , 1993, 45, 797-802.	1.3	12
29	Indirect dopamine agonists augment the locomotor activating effects of the $\mu$ -opioid receptor agonist U-50,488 in preweanling rats. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 34, 183-193.		12
30	Behavioral effects of dopamine receptor inactivation in the caudate-putamen of preweanling rats: role of the D2 receptor. <i>Psychopharmacology</i> , 2014, 231, 651-662.	1.5	12
31	One-trial cocaine-induced behavioral sensitization in preweanling rats: Role of contextual stimuli. <i>Experimental and Clinical Psychopharmacology</i> , 2010, 18, 284-295.	1.3	11
32	One-trial behavioral sensitization in preweanling rats: differential effects of cocaine, methamphetamine, methylphenidate, and d-amphetamine. <i>Psychopharmacology</i> , 2011, 217, 559-571.	1.5	11
33	Early ontogeny of D-amphetamine-induced one-trial behavioral sensitization. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 104, 154-162.	1.3	11
34	The partial D2-like dopamine receptor agonist terguride acts as a functional antagonist in states of high and low dopaminergic tone: evidence from preweanling rats. <i>Psychopharmacology</i> , 2005, 178, 431-439.	1.5	10
35	The partial dopamine D2-like receptor agonist terguride functions as an agonist in preweanling rats after a 5-day reserpine regimen. <i>Psychopharmacology</i> , 2006, 185, 104-111.	1.5	10
36	Effects of a partial dopamine D2-like agonist on the cocaine-induced behavioral sensitization of preweanling rats. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 27-34.	1.3	9

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37	Importance of associative learning processes for one-trial behavioral sensitization of preweanling rats. <i>Behavioural Pharmacology</i> , 2011, 22, 693-702.	0.8	9
38	Behavioral effects of dopamine receptor inactivation during the adolescent period: age-dependent changes in dorsal striatal D2High receptors. <i>Psychopharmacology</i> , 2014, 231, 1637-1647.	1.5	9
39	Serotonin 5-HT1A and 5-HT1B receptors co-mediate the RU 24969-induced locomotor activity of male and female preweanling rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 189, 172857.	1.3	9
40	Ultrasonic vocalizations of preweanling rats: involvement of both $\mu$ 2-adrenoceptor and $\delta$ -opioid receptor systems. <i>European Journal of Pharmacology</i> , 2001, 415, 165-171.	1.7	8
41	Effects of repeated and acute aripiprazole or haloperidol treatment on dopamine synthesis in the dorsal striatum of young rats: comparison to adult rats. <i>Journal of Neural Transmission</i> , 2010, 117, 573-583.	1.4	8
42	Effects of D2 or combined D1/D2 receptor antagonism on the methamphetamine-induced one-trial and multi-trial behavioral sensitization of preweanling rats. <i>Psychopharmacology</i> , 2016, 233, 893-903.	1.5	8
43	Effects of acute and repeated methamphetamine treatment on the ultrasonic vocalizations of postnatal rats. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 70, 273-278.	1.3	7
44	Effects of a partial D2-like receptor agonist on striatal dopamine autoreceptor functioning in preweanling rats. <i>Brain Research</i> , 2006, 1073-1074, 269-275.	1.1	7
45	Age-dependent differences in the strength and persistence of psychostimulant-induced conditioned activity in rats. <i>Behavioural Pharmacology</i> , 2014, 25, 695-704.	0.8	7
46	Role of the D1 receptor for the dopamine agonist-induced one-trial behavioral sensitization of preweanling rats. <i>Psychopharmacology</i> , 2014, 231, 4167-4177.	1.5	7
47	Ontogeny of cocaine-induced behaviors and cocaine pharmacokinetics in male and female neonatal, preweanling, and adult rats. <i>Psychopharmacology</i> , 2018, 235, 1967-1980.	1.5	7
48	Importance of D1 and D2 receptor stimulation for the induction and expression of cocaine-induced behavioral sensitization in preweanling rats. <i>Behavioural Brain Research</i> , 2017, 326, 226-236.	1.2	6
49	Effects of repeated RU 24969 treatment on the locomotor activity, motoric capacity, and axillary temperatures of male and female preweanling rats. <i>Behavioural Brain Research</i> , 2021, 398, 112982.	1.2	6
50	MK801-induced locomotor activity in preweanling and adolescent male and female rats: role of the dopamine and serotonin systems. <i>Psychopharmacology</i> , 2020, 237, 2469-2483.	1.5	6
51	Pre- and postsynaptic actions of a partial D2 receptor agonist in reserpinized young rats: Longevity of agonistic effects. <i>Brain Research</i> , 2006, 1124, 37-44.	1.1	5
52	Age-dependent effects of dopamine receptor inactivation on cocaine-induced behaviors in male rats: Evidence of dorsal striatal D2 receptor supersensitivity. <i>Journal of Neuroscience Research</i> , 2019, 97, 1546-1558.	1.3	3
53	Importance of dopaminergic neurotransmission for the RU 24969-induced locomotor activity of male and female rats during the preweanling period. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 903-913.	1.4	3
54	Chronic Amphetamine Exposure during the Preweanling Period Does Not Affect Avoidance Learning or Novelty-Seeking of Adult Rats. <i>Neurobiology of Learning and Memory</i> , 2001, 75, 338-345.	1.0	1

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55	Ultrasonic vocalization production of preweanling rats: Effects of central and peripheral administration of $\alpha$ -2-adrenoceptor agonists. <i>European Journal of Pharmacology</i> , 2005, 517, 200-207.	1.7	1
56	Postnatal manganese exposure does not alter dopamine autoreceptor sensitivity in adult and adolescent male rats. <i>European Journal of Pharmacology</i> , 2013, 706, 4-10.	1.7	1
57	Reciprocal cross-sensitization between cocaine and RU 24969 in male and female preweanling rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 209, 173265.	1.3	0
58	Effects of repeated treatment with the 5-HT1A and 5-HT1B agonists (R)-(+)-8-hydroxy-DPAT and CP-94253 on the locomotor activity and axillary temperatures of preweanling rats: evidence of tolerance and behavioral sensitization. <i>Psychopharmacology</i> , 2021, 239, 413.	1.5	0
59	Effects of the serotonin 5-HT1B receptor agonist CP 94253 on the locomotor activity and body temperature of preweanling and adult male and female rats. <i>European Journal of Pharmacology</i> , 2022, , 175019.	1.7	0