

Mark A Smith

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,249
citations

201674

27
h-index

243625

44
g-index

70
all docs

70
docs citations

70
times ranked

1673
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise as a novel treatment for drug addiction: A neurobiological and stage-dependent hypothesis. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1622-1644.	6.1	239
2	Aerobic exercise decreases the positive-reinforcing effects of cocaine. <i>Drug and Alcohol Dependence</i> , 2008, 98, 129-135.	3.2	130
3	Exercise as a Potential Treatment for Drug Abuse: Evidence from Preclinical Studies. <i>Frontiers in Psychiatry</i> , 2011, 2, 82.	2.6	97
4	Effects of positive allosteric modulators of the GABA B receptor on cocaine self-administration in rats. <i>Psychopharmacology</i> , 2004, 173, 105-111.	3.1	93
5	Sensitivity to the effects of opioids in rats with free access to exercise wheels: μ _{1/2} -opioid tolerance and physical dependence. <i>Psychopharmacology</i> , 2003, 168, 426-434.	3.1	83
6	The effects of sex, estrous cycle, and social contact on cocaine and heroin self-administration in rats. <i>Psychopharmacology</i> , 2016, 233, 3201-3210.	3.1	72
7	Peer influences on drug self-administration: Social facilitation and social inhibition of cocaine intake in male rats. <i>Psychopharmacology</i> , 2012, 224, 81-90.	3.1	67
8	An Examination of the Interactions Between the Antinociceptive Effects of Morphine and Various [micro sign]-Opioids. <i>Anesthesia and Analgesia</i> , 1999, 88, 407-413.	2.2	66
9	The effects of aerobic exercise on cocaine self-administration in male and female rats. <i>Psychopharmacology</i> , 2011, 218, 357-369.	3.1	66
10	The Effects of Repeated Opioid Administration on Locomotor Activity: II. Unidirectional Cross-Sensitization to Cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 476-486.	2.5	57
11	Access to a running wheel decreases cocaine-primed and cue-induced reinstatement in male and female rats. <i>Drug and Alcohol Dependence</i> , 2012, 121, 54-61.	3.2	55
12	The effects of social contact on drug use: Behavioral mechanisms controlling drug intake.. <i>Experimental and Clinical Psychopharmacology</i> , 2014, 22, 23-34.	1.8	55
13	Access to a running wheel inhibits the acquisition of cocaine self-administration. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 100, 237-243.	2.9	51
14	The anxiolytic effects of resistance exercise. <i>Frontiers in Psychology</i> , 2014, 5, 753.	2.1	49
15	Binge self-administration and deprivation produces sensitization to the reinforcing effects of cocaine in rats. <i>Psychopharmacology</i> , 2005, 178, 309-316.	3.1	48
16	Social and environmental influences on opioid sensitivity in rats: importance of an opioid's relative efficacy at the mu-receptor. <i>Psychopharmacology</i> , 2005, 181, 27-37.	3.1	48
17	Chronic exercise decreases sensitivity to mu opioids in female rats: Correlation with exercise output. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 12-22.	2.9	48
18	Effects of environmental enrichment on sensitivity to cocaine in female rats: importance of control rates of behavior. <i>Behavioural Pharmacology</i> , 2009, 20, 312-321.	1.7	48

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19	An Examination of the Interactions Between the Antinociceptive Effects of Morphine and Various [micro sign]-Opioids. <i>Anesthesia and Analgesia</i> , 1999, 88, 407-413.	2.2	45
20	Social and environmental enrichment enhances sensitivity to the effects of kappa opioids: studies on antinociception, diuresis and conditioned place preference. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 93-101.	2.9	45
21	Age-related differences in sensitivity to the antinociceptive effects of opioids in male rats. <i>Psychopharmacology</i> , 2001, 156, 445-453.	3.1	40
22	Wheel running decreases the positive reinforcing effects of heroin. <i>Pharmacological Reports</i> , 2012, 64, 960-964.	3.3	40
23	The effects of exercise on cocaine self-administration, food-maintained responding, and locomotor activity in female rats: Importance of the temporal relationship between physical activity and initial drug exposure.. <i>Experimental and Clinical Psychopharmacology</i> , 2012, 20, 437-446.	1.8	34
24	Nonhuman animal models of substance use disorders: Translational value and utility to basic science. <i>Drug and Alcohol Dependence</i> , 2020, 206, 107733.	3.2	32
25	The Effects of Repeated Opioid Administration on Locomotor Activity: I. Opposing Actions of δ and μ Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 468-475.	2.5	31
26	Chronic exercise increases sensitivity to the conditioned rewarding effects of cocaine. <i>Pharmacological Reports</i> , 2008, 60, 561-5.	3.3	30
27	Exercise decreases speedball self-administration. <i>Life Sciences</i> , 2014, 114, 86-92.	4.3	29
28	Age-related differences in sensitivity to the antinociceptive effects of kappa opioids in adult male rats. <i>Psychopharmacology</i> , 2002, 162, 255-264.	3.1	28
29	Peer influences on drug self-administration. <i>Behavioural Pharmacology</i> , 2013, 24, 114-123.	1.7	26
30	The effects of social learning on the acquisition of cocaine self-administration. <i>Drug and Alcohol Dependence</i> , 2014, 141, 1-8.	3.2	26
31	Animal models of social contact and drug self-administration. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 136, 47-54.	2.9	24
32	Animal models of resistance exercise and their application to neuroscience research. <i>Journal of Neuroscience Methods</i> , 2016, 273, 191-200.	2.5	24
33	Exercise as a Prevention for Substance Use Disorder: a Review of Sex Differences and Neurobiological Mechanisms. <i>Current Addiction Reports</i> , 2017, 4, 455-466.	3.4	24
34	Social Learning and Addiction. <i>Behavioural Brain Research</i> , 2021, 398, 112954.	2.2	24
35	Antinociceptive effects of opioids following acute and chronic administration of butorphanol: influence of stimulus intensity and relative efficacy at the mu receptor. <i>Psychopharmacology</i> , 1999, 143, 261-269.	3.1	21
36	Resistance exercise decreases heroin self-administration and alters gene expression in the nucleus accumbens of heroin-exposed rats. <i>Psychopharmacology</i> , 2018, 235, 1245-1255.	3.1	21

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37	Sensitivity to the effects of a kappa opioid in rats with free access to exercise wheels: differential effects across behavioral measures. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 77, 49-57.	2.9	20
38	Tolerance and cross-tolerance to the rate-suppressing effects of opioids in butorphanol-treated rats: influence of maintenance dose and relative efficacy at the mu receptor. <i>Psychopharmacology</i> , 1998, 140, 57-68.	3.1	19
39	The motor-impairing effects of GABAA and GABAB agonists in $\hat{1}^3$ -hydroxybutyrate (GHB)-treated rats: Cross-tolerance to baclofen but not flunitrazepam. <i>European Journal of Pharmacology</i> , 2006, 552, 83-89.	3.5	19
40	Social preference and drug self-administration: A preclinical model of social choice within peer groups. <i>Drug and Alcohol Dependence</i> , 2014, 135, 140-145.	3.2	19
41	The effects of social contact on cocaine intake under extended-access conditions in male rats.. <i>Experimental and Clinical Psychopharmacology</i> , 2016, 24, 285-296.	1.8	18
42	Modulation of heroin intake by ovarian hormones in gonadectomized and intact female rats. <i>Psychopharmacology</i> , 2021, 238, 969-978.	3.1	18
43	Sex differences in opioid receptor mediated effects: Role of androgens. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 134, 104522.	6.1	18
44	Interactions between opioids and cocaine on locomotor activity in rats: influence of an opioid's relative efficacy at the mu receptor. <i>Psychopharmacology</i> , 2003, 167, 265-273.	3.1	15
45	The effects of resistance exercise on cocaine self-administration, muscle hypertrophy, and BDNF expression in the nucleus accumbens. <i>Drug and Alcohol Dependence</i> , 2016, 163, 186-194.	3.2	15
46	Cocaine self-administration in social dyads using custom-built operant conditioning chambers. <i>Journal of Neuroscience Methods</i> , 2014, 236, 11-18.	2.5	13
47	The effects of artificially induced proestrus on heroin intake: A critical role for estradiol.. <i>Experimental and Clinical Psychopharmacology</i> , 2022, 30, 127-131.	1.8	13
48	The mu/kappa agonist nalbuphine attenuates sensitization to the behavioral effects of cocaine. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 104, 40-46.	2.9	12
49	The effects of a shared history of drug exposure on social choice. <i>Behavioural Pharmacology</i> , 2015, 26, 631-635.	1.7	12
50	The effects of social contact on cocaine intake in female rats. <i>Drug and Alcohol Dependence</i> , 2017, 177, 48-53.	3.2	12
51	The effects of chronic estradiol treatment on opioid self-administration in intact female rats. <i>Drug and Alcohol Dependence</i> , 2021, 225, 108816.	3.2	12
52	Effects of environmental enrichment on sensitivity to mu, kappa, and mixed-action opioids in female rats. <i>Physiology and Behavior</i> , 2008, 94, 563-568.	2.1	11
53	The Effects of Excitatory and Inhibitory Social Cues on Cocaine-Seeking Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 217.	2.0	9
54	Exercise as a Sex-Specific Treatment for Substance Use Disorder. <i>Current Addiction Reports</i> , 2017, 4, 467-481.	3.4	9

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55	Acute bouts of wheel running decrease cocaine self-administration: Influence of exercise output. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 94-99.	2.9	8
56	The effects of physical activity on impulsive choice: Influence of sensitivity to reinforcement amount and delay. <i>Behavioural Processes</i> , 2016, 126, 36-45.	1.1	8
57	The effects of strain and estrous cycle on heroin- and sugar-maintained responding in female rats. <i>Behavioural Brain Research</i> , 2021, 409, 113329.	2.2	8
58	Social Contact Reinforces Cocaine Self-Administration in Young Adult Male Rats: The Role of Social Reinforcement in Vulnerability to Drug Use. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 771114.	2.0	8
59	Lesions of the dorsomedial frontal cortex block sensitization to the positive-reinforcing effects of cocaine. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 88, 238-246.	2.9	5
60	Sensitivity to the effects of sedative/hypnotics on motor performance: influence of task difficulty and chronic phenobarbital administration. <i>Behavioural Pharmacology</i> , 2001, 12, 125-134.	1.7	5
61	Modeling the Impact of Social Contact on Substance Use. <i>Neuropsychopharmacology</i> , 2017, 42, 364-364.	5.4	4
62	Lack of evidence for positive reinforcing and prosocial effects of MDMA in pair-housed male and female rats. <i>European Journal of Pharmacology</i> , 2021, 913, 174646.	3.5	4
63	The Effects of Drugs on Behavior Maintained by Social Contact: Role of Monoamines in Social Reinforcement. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 805139.	2.0	4
64	Modulation of morphine physical dependence and discriminative stimulus effects by ovarian hormones: Role of estradiol. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 218, 173431.	2.9	4
65	Enhanced sensitivity to the antinociceptive effects of kappa opioids in naltrexone-treated rats: dose- and time-dependent effects. <i>Behavioural Pharmacology</i> , 2003, 14, 641-647.	1.7	3
66	The effects of amphetamine, butorphanol, and their combination on cocaine self-administration. <i>Behavioural Brain Research</i> , 2014, 274, 158-163.	2.2	3
67	Acetylcholine signaling genes are required for cocaine-stimulated egg laying in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	2
68	Interactions Between Opioids and Dextroamphetamine on Locomotor Activity: Influence of an Opioid's Relative Efficacy at the Mu Receptor. <i>Frontiers in Psychiatry</i> , 2021, 12, 790471.	2.6	2