

S Stevens Negus

List of Publications by Year in descending order

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208
papers

7,737
citations

44069

48
h-index

76900

74
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215
all docs

215
docs citations

215
times ranked

4086
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical Evaluation of Pharmacotherapies for Treatment of Cocaine and Opioid Abuse Using Drug Self-Administration Procedures. <i>Neuropsychopharmacology</i> , 1996, 14, 375-424.	5.4	346
2	Agonist-like, replacement pharmacotherapy for stimulant abuse and dependence. <i>Addictive Behaviors</i> , 2004, 29, 1439-1464.	3.0	244
3	Preclinical Assessment of Candidate Analgesic Drugs: Recent Advances and Future Challenges. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 507-514.	2.5	213
4	Rapid Assessment of Choice between Cocaine and Food in Rhesus Monkeys: Effects of Environmental Manipulations and Treatment with d-Amphetamine and Flupenthixol. <i>Neuropsychopharmacology</i> , 2003, 28, 919-931.	5.4	186
5	Intracranial Self-Stimulation to Evaluate Abuse Potential of Drugs. <i>Pharmacological Reviews</i> , 2014, 66, 869-917.	16.0	185
6	Effects of chronic d-amphetamine treatment on cocaine- and food-maintained responding under a second-order schedule in rhesus monkeys. <i>Drug and Alcohol Dependence</i> , 2003, 70, 39-52.	3.2	174
7	Effects of acute and repeated treatment with the biased mu opioid receptor agonist TRV130 (oliceclidine) on measures of antinociception, gastrointestinal function, and abuse liability in rodents. <i>Journal of Psychopharmacology</i> , 2017, 31, 730-739.	4.0	135
8	Explaining the Escalation of Drug Use in Substance Dependence: Models and Appropriate Animal Laboratory Tests. <i>Pharmacology</i> , 2007, 80, 65-119.	2.2	127
9	Abuse-related and abuse-limiting effects of methcathinone and the synthetic "bath salts" cathinone analogs methylenedioxypyrovalerone (MDPV), methylone and mephedrone on intracranial self-stimulation in rats. <i>Psychopharmacology</i> , 2014, 231, 199-207.	3.1	115
10	Rat Nucleus Accumbens Core Astrocytes Modulate Reward and the Motivation to Self-Administer Ethanol after Abstinence. <i>Neuropsychopharmacology</i> , 2014, 39, 2835-2845.	5.4	115
11	Effects of kappa opioids on cocaine self-administration by rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1997, 282, 44-55.	2.5	115
12	Choice between Heroin and Food in Nondependent and Heroin-Dependent Rhesus Monkeys: Effects of Naloxone, Buprenorphine, and Methadone. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 711-723.	2.5	114
13	Interactions between Kappa Opioid Agonists and Cocaine: Preclinical Studies. <i>Annals of the New York Academy of Sciences</i> , 2000, 909, 104-132.	3.8	110
14	Insights from Preclinical Choice Models on Treating Drug Addiction. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 181-194.	8.7	103
15	Behavioral effects of the delta-selective opioid agonist SNC80 and related compounds in rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1998, 286, 362-75.	2.5	103
16	Use of intracranial self-stimulation to evaluate abuse-related and abuse-limiting effects of monoamine releasers in rats. <i>British Journal of Pharmacology</i> , 2013, 168, 850-862.	5.4	102
17	Effect of Gonadectomy and Gonadal Hormone Replacement on Cocaine Self-Administration in Female and Male Rats. <i>Neuropsychopharmacology</i> , 2004, 29, 929-942.	5.4	95
18	Effects of chronic d-amphetamine treatment on cocaine- and food-maintained responding under a progressive-ratio schedule in rhesus monkeys. <i>Psychopharmacology</i> , 2003, 167, 324-332.	3.1	94

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19	Targeting Pain-Suppressed Behaviors in Preclinical Assays of Pain and Analgesia: Effects of Morphine on Acetic Acid-Suppressed Feeding in C57BL/6J Mice. <i>Journal of Pain</i> , 2006, 7, 408-416.	1.4	92
20	COCAINE VERSUS FOOD CHOICE PROCEDURE IN RATS: ENVIRONMENTAL MANIPULATIONS AND EFFECTS OF AMPHETAMINE. <i>Journal of the Experimental Analysis of Behavior</i> , 2013, 99, 211-233.	1.1	88
21	Effects of pain- and analgesia-related manipulations on intracranial self-stimulation in rats: Further studies on pain-depressed behavior. <i>Pain</i> , 2009, 144, 170-177.	4.2	80
22	Preclinical Determinants of Drug Choice under Concurrent Schedules of Drug Self-Administration. <i>Advances in Pharmacological Sciences</i> , 2012, 2012, 1-17.	3.7	79
23	Pain-Related Depression of the Mesolimbic Dopamine System in Rats: Expression, Blockade by Analgesics, and Role of Endogenous μ -opioids. <i>Neuropsychopharmacology</i> , 2014, 39, 614-624.	5.4	78
24	Opioid antinociception in ovariectomized monkeys: comparison with antinociception in males and effects of estradiol replacement. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1999, 290, 1132-40.	2.5	77
25	Effects of the kappa opioid agonist U50,488 and the kappa opioid antagonist nor-binaltorphimine on choice between cocaine and food in rhesus monkeys. <i>Psychopharmacology</i> , 2004, 176, 204-213.	3.1	73
26	Monoamine Releasers with Varying Selectivity for Dopamine/Norepinephrine versus Serotonin Release as Candidate μ -Agonist Medications for Cocaine Dependence: Studies in Assays of Cocaine Discrimination and Cocaine Self-Administration in Rhesus Monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 627-636.	2.5	70
27	Effects of ketoprofen, morphine, and kappa opioids on pain-related depression of nesting in mice. <i>Pain</i> , 2015, 156, 1153-1160.	4.2	70
28	Stereoselective Actions of Methylenedioxypyrovalerone (MDPV) To Inhibit Dopamine and Norepinephrine Transporters and Facilitate Intracranial Self-Stimulation in Rats. <i>ACS Chemical Neuroscience</i> , 2015, 6, 771-777.	3.5	68
29	Dissociable Effects of the Cannabinoid Receptor Agonists Δ^9 -Tetrahydrocannabinol and CP55940 on Pain-Stimulated Versus Pain-Depressed Behavior in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 389-400.	2.5	67
30	Stereochemistry of mephedrone neuropharmacology: enantiomer-specific behavioural and neurochemical effects in rats. <i>British Journal of Pharmacology</i> , 2015, 172, 883-894.	5.4	67
31	Core Outcome Measures in Preclinical Assessment of Candidate Analgesics. <i>Pharmacological Reviews</i> , 2019, 71, 225-266.	16.0	67
32	Sex differences in opioid reinforcement under a fentanyl vs. food choice procedure in rats. <i>Neuropsychopharmacology</i> , 2019, 44, 2022-2029.	5.4	67
33	Kappa opioid antagonist effects of systemically administered nor-binaltorphimine in a thermal antinociception assay in rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1993, 267, 1269-76.	2.5	67
34	Effects of Monoamine Reuptake Inhibitors in Assays of Acute Pain-Stimulated and Pain-Depressed Behavior in Rats. <i>Journal of Pain</i> , 2013, 14, 246-259.	1.4	63
35	Behavioral effects of the systemically active delta opioid agonist BW373U86 in rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1994, 270, 1025-34.	2.5	63
36	Effects of opioid agonists selective for μ , kappa and delta opioid receptors on schedule-controlled responding in rhesus monkeys: antagonism by quadazocine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1993, 267, 896-903.	2.5	63

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37	Agonist Medications for the Treatment of Cocaine Use Disorder. <i>Neuropsychopharmacology</i> , 2015, 40, 1815-1825.	5.4	62
38	Effects of kappa opioids in an assay of pain-depressed intracranial self-stimulation in rats. <i>Psychopharmacology</i> , 2010, 210, 149-159.	3.1	61
39	Kappa opioid antagonist effects of the novel kappa antagonist 5?-guanidinonaltrindole (GNTI) in an assay of schedule-controlled behavior in rhesus monkeys. <i>Psychopharmacology</i> , 2002, 163, 412-419.	3.1	60
40	Effects of punishment on choice between cocaine and food in rhesus monkeys. <i>Psychopharmacology</i> , 2005, 181, 244-252.	3.1	60
41	Mechanisms of Withdrawal-Associated Increases in Heroin Self-Administration: Pharmacologic Modulation of Heroin vs Food Choice in Heroin-Dependent Rhesus Monkeys. <i>Neuropsychopharmacology</i> , 2009, 34, 899-911.	5.4	60
42	Mu/kappa opioid interactions in rhesus monkeys: Implications for analgesia and abuse liability.. <i>Experimental and Clinical Psychopharmacology</i> , 2008, 16, 386-399.	1.8	59
43	Delta opioid antagonist effects of buprenorphine in rhesus monkeys. <i>Behavioural Pharmacology</i> , 2002, 13, 557-570.	1.7	58
44	Opioid Interactions in Rhesus Monkeys: Effects of $\hat{\iota} + \hat{\iota}^{1/4}$ and $\hat{\iota} + \hat{\iota}^{\text{e}}$ Agonists on Schedule-Controlled Responding and Thermal Nociception. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 1054-1064.	2.5	58
45	Quantitative structure-activity relationship analysis of the pharmacology of <i>para</i> -substituted methcathinone analogues. <i>British Journal of Pharmacology</i> , 2015, 172, 2433-2444.	5.4	58
46	Effects of Peripherally Restricted $\hat{\iota}^{\text{e}}$ Opioid Receptor Agonists on Pain-Related Stimulation and Depression of Behavior in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 501-509.	2.5	54
47	Sustained Pain-Related Depression of Behavior: Effects of Intraplantar Formalin and Complete Freund's Adjuvant on Intracranial Self-Stimulation (ICSS) and Endogenous kappa Opioid Biomarkers in Rats. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-62.	2.1	54
48	The selective non-peptidic delta opioid agonist SNC80 does not facilitate intracranial self-stimulation in rats. <i>European Journal of Pharmacology</i> , 2009, 604, 58-65.	3.5	50
49	Monoamine Transporter Inhibitors and Substrates as Treatments for Stimulant Abuse. <i>Advances in Pharmacology</i> , 2014, 69, 129-176.	2.0	50
50	Expression and treatment of pain-related behavioral depression. <i>Lab Animal</i> , 2013, 42, 292-300.	0.4	49
51	Antinociceptive effects of monoamine reuptake inhibitors administered alone or in combination with mu opioid agonists in rhesus monkeys. <i>Psychopharmacology</i> , 1998, 135, 99-106.	3.1	46
52	Abuse-Related Neurochemical Effects of Para-Substituted Methcathinone Analogs in Rats: Microdialysis Studies of Nucleus Accumbens Dopamine and Serotonin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 356, 182-190.	2.5	46
53	Rationale and Methods for Assessment of Pain-Depressed Behavior in Preclinical Assays of Pain and Analgesia. <i>Methods in Molecular Biology</i> , 2010, 617, 79-91.	0.9	45
54	Effects of nalfurafine on the reinforcing, thermal antinociceptive, and respiratory-depressant effects of oxycodone: modeling an abuse-deterrent opioid analgesic in rats. <i>Psychopharmacology</i> , 2017, 234, 2597-2605.	3.1	43

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55	Use of Preclinical Drug Vs. Food Choice Procedures to Evaluate Candidate Medications for Cocaine Addiction. <i>Current Treatment Options in Psychiatry</i> , 2015, 2, 136-150.	1.9	42
56	Effects of monoamine releasers with varying selectivity for releasing dopamine/norepinephrine versus serotonin on choice between cocaine and food in rhesus monkeys. <i>Behavioural Pharmacology</i> , 2011, 22, 824-836.	1.7	41
57	Effects of $\frac{1}{4}$ -Opioid Agonists on Cocaine- and Food-Maintained Responding and Cocaine Discrimination in Rhesus Monkeys: Role of $\frac{1}{4}$ -Agonist Efficacy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 1111-1121.	2.5	39
58	Steric parameters, molecular modeling and hydrophobic interaction analysis of the pharmacology of para-substituted methcathinone analogues. <i>British Journal of Pharmacology</i> , 2015, 172, 2210-2218.	5.4	39
59	Interactions between the reinforcing effects of cocaine and heroin in a drug-vs-food choice procedure in rhesus monkeys: a dose-addition analysis. <i>Psychopharmacology</i> , 2005, 180, 115-124.	3.1	38
60	Effects of 14-day treatment with the schedule III anorectic phendimetrazine on choice between cocaine and food in rhesus monkeys. <i>Drug and Alcohol Dependence</i> , 2013, 131, 204-213.	3.2	38
61	Dissociable effects of the kappa opioid receptor agonist nalfurafine on pain/itch-stimulated and pain/itch-depressed behaviors in male rats. <i>Psychopharmacology</i> , 2018, 235, 203-213.	3.1	38
62	Effects of Phendimetrazine Treatment on Cocaine vs Food Choice and Extended-Access Cocaine Consumption in Rhesus Monkeys. <i>Neuropsychopharmacology</i> , 2013, 38, 2698-2707.	5.4	37
63	Effectiveness comparisons of G-protein biased and unbiased mu opioid receptor ligands in warm water tail-withdrawal and drug discrimination in male and female rats. <i>Neuropharmacology</i> , 2019, 150, 200-209.	4.1	37
64	Effects of chronic methadone treatment on cocaine- and food-maintained responding under second-order, progressive-ratio and concurrent-choice schedules in rhesus monkeys. <i>Drug and Alcohol Dependence</i> , 2004, 74, 297-309.	3.2	36
65	Expression and pharmacological modulation of visceral pain-induced conditioned place aversion in mice. <i>Neuropharmacology</i> , 2016, 102, 236-243.	4.1	36
66	Repeated 7-Day Treatment with the 5-HT _{2C} Agonist Lorcaserin or the 5-HT _{2A} Antagonist Pimavanserin Alone or in Combination Fails to Reduce Cocaine vs Food Choice in Male Rhesus Monkeys. <i>Neuropsychopharmacology</i> , 2017, 42, 1082-1092.	5.4	36
67	Abuse Potential of Biased Mu Opioid Receptor Agonists. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 916-919.	8.7	36
68	Acute and chronic effects of flupenthixol on the discriminative stimulus and reinforcing effects of cocaine in rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1996, 278, 879-90.	2.5	36
69	Effects of Mu Opioid Agonists Alone and in Combination with Cocaine and D-Amphetamine in Rhesus Monkeys Trained to Discriminate Cocaine. <i>Neuropsychopharmacology</i> , 1998, 18, 325-338.	5.4	35
70	Decoding the Structure of Abuse Potential for New Psychoactive Substances: Structure-Activity Relationships for Abuse-Related Effects of 4-Substituted Methcathinone Analogs. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 32, 119-131.	1.7	35
71	Role of delta opioid receptors in the reinforcing and discriminative stimulus effects of cocaine in rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1995, 273, 1245-56.	2.5	35
72	Antagonism of the Antinociceptive and Discriminative Stimulus Effects of Heroin and Morphine by 3-Methoxynaltrexone and Naltrexone in Rhesus Monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 264-273.	2.5	34

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73	Selective Suppression of Cocaine- versus Food-Maintained Responding by Monoamine Releasers in Rhesus Monkeys: Benzylpiperazine, (+)Phenmetrazine, and 4-Benzylpiperidine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 272-281.	2.5	34
74	Development of a translational model to screen medications for cocaine use disorder II: Choice between intravenous cocaine and money in humans. <i>Drug and Alcohol Dependence</i> , 2016, 165, 111-119.	3.2	34
75	Role of phenmetrazine as an active metabolite of phendimetrazine: Evidence from studies of drug discrimination and pharmacokinetics in rhesus monkeys. <i>Drug and Alcohol Dependence</i> , 2013, 130, 158-166.	3.2	33
76	Experimental design and analysis for consideration of sex as a biological variable. <i>Neuropsychopharmacology</i> , 2019, 44, 2159-2162.	5.4	33
77	Preclinical Assessment of Lisdexamfetamine as an Agonist Medication Candidate for Cocaine Addiction: Effects in Rhesus Monkeys Trained to Discriminate Cocaine or to Self-Administer Cocaine in a Cocaine Versus Food Choice Procedure. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	2.1	32
78	Effects of μ -Opioid Receptor Agonists in Assays of Acute Pain-Stimulated and Pain-Depressed Behavior in Male Rats: Role of μ -Agonist Efficacy and Noxious Stimulus Intensity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 352, 208-217.	2.5	32
79	μ -Tetrahydrocannabinol and Endocannabinoid Degradative Enzyme Inhibitors Attenuate Intracranial Self-Stimulation in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 352, 195-207.	2.5	32
80	Stratification of Cannabinoid 1 Receptor (CB ₁ R) Agonist Efficacy: Manipulation of CB ₁ R Density through Use of Transgenic Mice Reveals Congruence between In Vivo and In Vitro Assays. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 359, 329-339.	2.5	32
81	Effects of acute and repeated treatment with serotonin 5-HT _{2A} receptor agonist hallucinogens on intracranial self-stimulation in rats.. <i>Experimental and Clinical Psychopharmacology</i> , 2019, 27, 215-226.	1.8	32
82	Role of delta opioid efficacy as a determinant of mu/delta opioid interactions in rhesus monkeys. <i>European Journal of Pharmacology</i> , 2009, 602, 92-100.	3.5	31
83	Effects of repeated morphine on intracranial self-stimulation in male rats in the absence or presence of a noxious pain stimulus.. <i>Experimental and Clinical Psychopharmacology</i> , 2015, 23, 405-414.	1.8	31
84	Medications Development for Opioid Abuse. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a012104-a012104.	6.2	30
85	Effects of the triple monoamine uptake inhibitor amitifadine on pain-related depression of behavior and mesolimbic dopamine release in rats. <i>Pain</i> , 2015, 156, 175-184.	4.2	30
86	In a Rat Model of Opioid Maintenance, the G Protein-Biased Mu Opioid Receptor Agonist TRV130 Decreases Relapse to Oxycodone Seeking and Taking and Prevents Oxycodone-Induced Brain Hypoxia. <i>Biological Psychiatry</i> , 2020, 88, 935-944.	1.3	30
87	Relationship between the discriminative stimulus effects and plasma concentrations of intramuscular cocaine in rhesus monkeys. <i>Psychopharmacology</i> , 1995, 121, 331-338.	3.1	29
88	Sex differences in opioid antinociception in rhesus monkeys: Antagonism of fentanyl and U50,488 by quadazocine. <i>Journal of Pain</i> , 2002, 3, 218-226.	1.4	29
89	Antinociceptive Interactions between Mu-Opioid Receptor Agonists and the Serotonin Uptake Inhibitor Clomipramine in Rhesus Monkeys: Role of Mu Agonist Efficacy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 335, 497-505.	2.5	29
90	Role of μ -opioid receptor reserve and μ -agonist efficacy as determinants of the effects of μ -agonists on intracranial self-stimulation in rats. <i>Behavioural Pharmacology</i> , 2012, 23, 678-692.	1.7	29

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91	Cocaine-like discriminative stimulus effects of alpha-pyrrolidinovalerophenone, methcathinone and their 3,4-methylenedioxy or 4-methyl analogs in rhesus monkeys. <i>Addiction Biology</i> , 2017, 22, 1169-1178.	2.6	29
92	Lorcaserin maintenance fails to attenuate heroin vs. food choice in rhesus monkeys. <i>Drug and Alcohol Dependence</i> , 2020, 208, 107848.	3.2	29
93	Pharmacological validation of a translational model of cocaine use disorder: Effects of d-amphetamine maintenance on choice between intravenous cocaine and a nondrug alternative in humans and rhesus monkeys.. <i>Experimental and Clinical Psychopharmacology</i> , 2020, 28, 169-180.	1.8	29
94	Behavioral Pharmacology of the μ -Opioid Glycopeptide MMP2200 in Rhesus Monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 939-948.	2.5	28
95	Effects of Extended Cocaine Access and Cocaine Withdrawal on Choice Between Cocaine and Food in Rhesus Monkeys. <i>Neuropsychopharmacology</i> , 2010, 35, 493-504.	5.4	28
96	Effects of the Delta Opioid Receptor Agonist SNC80 on Pain-Related Depression of Intracranial Self-Stimulation (ICSS) in Rats. <i>Journal of Pain</i> , 2012, 13, 317-327.	1.4	27
97	Some implications of receptor theory for in vivo assessment of agonists, antagonists and inverse agonists. <i>Biochemical Pharmacology</i> , 2006, 71, 1663-1670.	4.4	26
98	Interaction Between Behavioral and Pharmacological Treatment Strategies to Decrease Cocaine Choice in Rhesus Monkeys. <i>Neuropsychopharmacology</i> , 2013, 38, 395-404.	5.4	26
99	The effect of chronic amphetamine treatment on cocaine-induced facilitation of intracranial self-stimulation in rats. <i>Psychopharmacology</i> , 2014, 231, 2461-2470.	3.1	26
100	Pharmacological modulation of neuropathic pain-related depression of behavior: effects of morphine, ketoprofen, bupropion and Δ^9 -tetrahydrocannabinol on formalin-induced depression of intracranial self-stimulation in rats. <i>Behavioural Pharmacology</i> , 2016, 27, 364-376.	1.7	26
101	N-Alkylated Analogs of 4-Methylamphetamine (4-MA) Differentially Affect Monoamine Transporters and Abuse Liability. <i>Neuropsychopharmacology</i> , 2017, 42, 1950-1961.	5.4	26
102	Utility of Nonhuman Primates in Substance Use Disorders Research. <i>ILAR Journal</i> , 2017, 58, 202-215.	1.8	26
103	Modulation of drug choice by extended drug access and withdrawal in rhesus monkeys: Implications for negative reinforcement as a driver of addiction and target for medications development. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 164, 32-39.	2.9	26
104	Dissociable effects of the noncompetitive NMDA receptor antagonists ketamine and MK-801 on intracranial self-stimulation in rats. <i>Psychopharmacology</i> , 2014, 231, 2705-2716.	3.1	25
105	Effects of the kappa opioid receptor antagonist norbinaltorphimine (norBNI) on cocaine versus food choice and extended access cocaine intake in rhesus monkeys. <i>Addiction Biology</i> , 2016, 21, 360-373.	2.6	25
106	Abuse-related effects of μ -opioid analgesics in an assay of intracranial self-stimulation in rats. <i>Behavioural Pharmacology</i> , 2013, 24, 459-470.	1.7	24
107	Addressing the Opioid Crisis: The Importance of Choosing Translational Endpoints in Analgesic Drug Discovery. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 327-330.	8.7	24
108	Application of Receptor Theory to the Design and Use of Fixed-Proportion Mu-Opioid Agonist and Antagonist Mixtures in Rhesus Monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 37-47.	2.5	24

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109	Development of a translational model to screen medications for cocaine use disorder I: Choice between cocaine and food in rhesus monkeys. <i>Drug and Alcohol Dependence</i> , 2016, 165, 103-110.	3.2	23
110	Evaluation of a Dual Fentanyl/Heroin Vaccine on the Antinociceptive and Reinforcing Effects of a Fentanyl/Heroin Mixture in Male and Female Rats. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1300-1310.	3.5	23
111	MDAN-21: A Bivalent Opioid Ligand Containing mu-Agonist and Delta-Antagonist Pharmacophores and Its Effects in Rhesus Monkeys. <i>International Journal of Medicinal Chemistry</i> , 2012, 2012, 1-6.	2.2	22
112	Pharmacokineticâ€“Pharmacodynamic (PKPD) Analysis with Drug Discrimination. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 39, 245-259.	1.7	22
113	Effects of Acute and Chronic Treatments with Dopamine D ₂ and D ₃ Receptor Ligands on Cocaine versus Food Choice in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 161-176.	2.5	22
114	Determinants of opioid abuse potential: Insights using intracranial self-stimulation. <i>Peptides</i> , 2019, 112, 23-31.	2.4	22
115	Prostaglandin E2-induced thermal hyperalgesia and its reversal by morphine in the warm-water tail-withdrawal procedure in rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1993, 266, 1355-63.	2.5	22
116	Repeated Morphine Produces Sensitization to Reward and Tolerance to Antiallodynia in Male and Female Rats with Chemotherapy-Induced Neuropathy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 9-19.	2.5	21
117	Abuse-related neurochemical and behavioral effects of cathinone and 4-methylcathinone stereoisomers in rats. <i>European Neuropsychopharmacology</i> , 2016, 26, 288-297.	0.7	20
118	Apparent CB ₁ Receptor Rimonabant Affinity Estimates: Combination with THC and Synthetic Cannabinoids in the Mouse In Vivo Triad Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 210-218.	2.5	20
119	Lack of paclitaxel effects on intracranial self-stimulation in male and female rats: comparison to mechanical sensitivity. <i>Behavioural Pharmacology</i> , 2018, 29, 290-298.	1.7	20
120	Effectiveness and selectivity of a heroin conjugate vaccine to attenuate heroin, 6-acetylmorphine, and morphine antinociception in rats: Comparison with naltrexone. <i>Drug and Alcohol Dependence</i> , 2019, 204, 107501.	3.2	20
121	Selective enhancement of fentanyl-induced antinociception by the delta agonist SNC162 but not by ketamine in rhesus monkeys: Further evidence supportive of delta agonists as candidate adjuncts to mu opioid analgesics. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 97, 205-212.	2.9	19
122	Learning from lorcaserin: lessons from the negative clinical trial of lorcaserin to treat cocaine use disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 1967-1973.	5.4	19
123	Antinociceptive effects of cocaine/opioid combinations in rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1995, 275, 1346-54.	2.5	19
124	Effects of the CRF1 antagonist antalarmin on cocaine self-administration and discrimination in rhesus monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 744-751.	2.9	18
125	Behavioral and neurochemical effects of amphetamine analogs that release monoamines in the squirrel monkey. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 94, 278-284.	2.9	18
126	Effects of the neuropeptide S receptor antagonist RTI-118 on abuse-related facilitation of intracranial self-stimulation produced by cocaine and methylenedioxypyrovalerone (MDPV) in rats. <i>European Journal of Pharmacology</i> , 2014, 743, 98-105.	3.5	18

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127	Effects of the novel, selective and low-efficacy mu opioid receptor ligand NAQ on intracranial self-stimulation in rats. <i>Psychopharmacology</i> , 2015, 232, 815-824.	3.1	18
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