James K Rowlett

List of Publications by Year
in descending order

55 papers	1,530 citations	361296 20 h-index	315616 38 g-index
56 all docs	56 docs citations	56 times ranked	1669 citing authors

#	Article	IF	Citations
1	Biogeography of the Intestinal Mucosal and Lumenal Microbiome in the Rhesus Macaque. Cell Host and Microbe, 2015, 17, 385-391.	5.1	273
2	Different GABAA receptor subtypes mediate the anxiolytic, abuse-related, and motor effects of benzodiazepine-like drugs in primates. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 915-920.	3.3	182
3	Abuse and dependence liability of benzodiazepine-type drugs: GABAA receptor modulation and beyond. Pharmacology Biochemistry and Behavior, 2008, 90, 74-89.	1.3	167
4	On the relationship between the dopamine transporter and the reinforcing effects of local anesthetics in rhesus monkeys: practical and theoretical concerns. Psychopharmacology, 2000, 153, 139-147.	1.5	64
5	Self-administration of cocaine and heroin combinations by rhesus monkeys responding under a progressive-ratio schedule. Psychopharmacology, 1997, 133, 363-371.	1.5	55
6	Anxiolytic-like effects of 8-acetylene imidazobenzodiazepines in a rhesus monkey conflict procedure. Neuropharmacology, 2010, 59, 612-618.	2.0	55
7	Modulation of Heroin and Cocaine Self-Administration by Dopamine D1- and D2-Like Receptor Agonists in Rhesus Monkeys. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 1135-1143.	1.3	44
8	A Review of the Updated Pharmacophore for the Alpha 5 GABA(A) Benzodiazepine Receptor Model. International Journal of Medicinal Chemistry, 2015, 2015, 1-54.	2.2	37
9	Selective antagonism of the ataxic effects of zolpidem and triazolam by the GABA A /Î± 1 -preferring antagonist Î²-CCt in squirrel monkeys. Psychopharmacology, 2002, 164, 151-159.	1.5	35
10	Attenuation of relapse to cocaine seeking by dopamine D1 receptor agonists and antagonists in non-human primates. Psychopharmacology, 2003, 168, 124-131.	1.5	35
11	Alterations in Brain-Derived Neurotrophic Factor in the Mouse Hippocampus Following Acute but Not Repeated Benzodiazepine Treatment. PLoS ONE, 2013, 8, e84806.	1.1	35
12	Selective Antagonism of GABAA Receptor Subtypes: An In Vivo Approach to Exploring the Therapeutic and Side Effects of Benzodiazepineâ€“Type Drugs. CNS Spectrums, 2005, 10, 40-48.	0.7	34
13	Reinforcing and discriminative stimulus effects of the neuroactive steroids pregnanolone and Co 8-7071 in rhesus monkeys. Psychopharmacology, 1999, 145, 205-212.	1.5	33
14	Assessment of benzodiazepine receptor heterogeneity in vivo: apparent pA 2 and pK B analyses from behavioral studies. Psychopharmacology, 1996, 128, 1-16.	1.5	29
15	Anti-conflict effects of benzodiazepines in rhesus monkeys: relationship with therapeutic doses in humans and role of GABAA receptors. Psychopharmacology, 2006, 184, 201-211.	1.5	28
16	Modulation of Î±5 Subunitâ€Containing <scp>GABA_A</scp> Receptors Alters Alcohol Drinking by Rhesus Monkeys. Alcoholism: Clinical and Experimental Research, 2013, 37, 624-634.	1.4	28
17	Cognition-impairing effects of benzodiazepine-type drugs: Role of GABAA receptor subtypes in an executive function task in rhesus monkeys. Pharmacology Biochemistry and Behavior, 2013, 104, 62-68.	1.3	26
18	Discriminative stimulus effects of zolpidem in squirrel monkeys: role of GABAA/Î±1 receptors. Psychopharmacology, 2003, 165, 209-215.	1.5	25

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19	Contribution of GABAA receptors containing Î±3 subunits to the therapeutic-related and side effects of benzodiazepine-type drugs in monkeys. Psychopharmacology, 2011, 215, 311-319.	1.5	24
20	Transcriptomic profiling of the ventral tegmental area and nucleus accumbens in rhesus macaques following long-term cocaine self-administration. Drug and Alcohol Dependence, 2017, 175, 9-23.	1.6	23
21	Comparison of zolpidem and midazolam self-administration under progressive-ratio schedules: Consumer demand and labor supply analyses.. Experimental and Clinical Psychopharmacology, 2007, 15, 328-337.	1.3	21
22	Reinforcing Effects Of Compounds Lacking Intrinsic Efficacy At Î±1 Subunit-Containing GABAA Receptor Subtypes in Midazolam- But Not Cocaine-Experienced Rhesus Monkeys. Neuropsychopharmacology, 2013, 38, 1006-1014.	2.8	21
23	UNIT-PRICE ANALYSIS OF OPIOID CONSUMPTION BY MONKEYS RESPONDING UNDER A PROGRESSIVE-RATIO SCHEDULE OF DRUG INJECTION. Journal of the Experimental Analysis of Behavior, 1995, 64, 361-371.	0.8	18
24	Role of GABA A /benzodiazepine receptors containing Î± 1 and Î± 5 subunits in the discriminative stimulus effects of triazolam in squirrel monkeys. Psychopharmacology, 2002, 161, 180-188.	1.5	18
25	Role of gamma-aminobutyric acid type A (GABAA) receptor subtypes in acute benzodiazepine physical dependence-like effects: evidence from squirrel monkeys responding under a schedule of food presentation. Psychopharmacology, 2013, 227, 347-354.	1.5	17
26	Search for Î±3Î²2/3Î³2 subtype selective ligands that are stable on human liver microsomes. Bioorganic and Medicinal Chemistry, 2013, 21, 93-101.	1.4	17
27	Evidence That Sedative Effects of Benzodiazepines Involve Unexpected GABA_A Receptor Subtypes: Quantitative Observation Studies in Rhesus Monkeys. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 145-157.	1.3	17
28	Self-Administration of Cocaine-Opioid Combinations by Rhesus Monkeys: Evaluation of the Role of Î¼ Receptor Efficacy Using Labor Supply Analysis. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 1289-1297.	1.3	16
29	Anticonflict and Reinforcing Effects of Triazolam + Pregnanolone Combinations in Rhesus Monkeys. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 805-811.	1.3	16
30	Self-administration of cocaine, alfentanil, and nalbuphine under progressive-ratio schedules: Consumer demand and labor supply analyses of relative reinforcing effectiveness.. Experimental and Clinical Psychopharmacology, 2002, 10, 367-375.	1.3	12
31	Triazolam discrimination in squirrel monkeys distinguishes high-efficacy agonists from other benzodiazepines and non-benzodiazepine drugs. Psychopharmacology, 2001, 154, 96-104.	1.5	10
32	Benzodiazepine and neuroactive steroid combinations in rats: anxiolytic-like and discriminative stimulus effects. Psychopharmacology, 2016, 233, 3237-3247.	1.5	10
33	GABA_A Receptor Subtypes and the Abuseâ€Related Effects of Ethanol in Rhesus Monkeys: Experiments with Selective Positive Allosteric Modulators. Alcoholism: Clinical and Experimental Research, 2019, 43, 791-802.	1.4	9
34	Sleep, psychiatric and socioeconomic factors associated with substance use in a large population sample: A cross-sectional study. Pharmacology Biochemistry and Behavior, 2021, 210, 173274.	1.3	9
35	Similar enhancement of the discriminative stimulus effects of cocaine and GBR 12909 by heroin in squirrel monkeys. Psychopharmacology, 2001, 157, 313-319.	1.5	8
36	Antagonism of triazolam self-administration in rhesus monkeys responding under a progressive-ratio schedule: In vivo apparent pA2 analysis. Drug and Alcohol Dependence, 2016, 158, 22-29.	1.6	8

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37	Evaluation of the anti-conflict, reinforcing, and sedative effects of YT-III-31, a ligand functionally selective forâ€‰Î±3 subunit-containing GABAA receptors. Journal of Psychopharmacology, 2020, 34, 348-357.	2.0	7
38	Tolerance and dependence following chronic alprazolam treatment: quantitative observation studies in female rhesus monkeys. Psychopharmacology, 2020, 237, 1183-1194.	1.5	7
39	Tolerance and dependence following chronic alprazolam treatment in rhesus monkeys: Role of GABAA receptor subtypes. Drug and Alcohol Dependence, 2021, 228, 108985.	1.6	7
40	Differential interactions engendered by benzodiazepine and neuroactive steroid combinations on schedule-controlled responding in rats. Pharmacology Biochemistry and Behavior, 2015, 137, 53-59.	1.3	6
41	Alprazolam-induced EEG spectral power changes in rhesus monkeys: a translational model for the evaluation of the behavioral effects of benzodiazepines. Psychopharmacology, 2021, 238, 1373-1386.	1.5	6
42	Enhancement of cue-induced reinstatement of alcohol seeking by acute total sleep restriction in male Wistar rats. Pharmacology Biochemistry and Behavior, 2021, 205, 173188.	1.3	6
43	Persistent negative effects of alcohol drinking on aspects of novelty-directed behavior in male rhesus macaques. Alcohol, 2017, 63, 19-26.	0.8	5
44	GABAA Receptor Subtypes and the Reinforcing Effects of Benzodiazepines in Remifentanil-Experienced Rhesus Monkeys. Drug and Alcohol Dependence, 2020, 213, 108076.	1.6	5
45	The dual orexin receptor antagonist almorexant blocks the sleep-disrupting and daytime stimulant effects of methamphetamine in rhesus monkeys. Drug and Alcohol Dependence, 2021, 227, 108930.	1.6	5
46	Emergence of anti-conflict effects of zolpidem in rhesus monkeys following extended post-injection intervals. Psychopharmacology, 2011, 214, 855-862.	1.5	4
47	Self-administration of progesterone and synthetic neuroactive steroids by male rhesus monkeys. Drug and Alcohol Dependence, 2016, 165, 265-269.	1.6	4
48	Methamphetamine-Induced Sleep Impairments and Subsequent Slow-Wave and Rapid Eye Movement Sleep Rebound in Male Rhesus Monkeys. Frontiers in Neuroscience, 2022, 16, 866971.	1.4	3
49	Intranasal GDNF for Parkinson's Disease: Next steps in preclinical development. FASEB Journal, 2013, 27, 1177.10.	0.2	2
50	Getting back to basics: Commentary on McSweeney, Murphy, and Kowal (2005).. Experimental and Clinical Psychopharmacology, 2005, 13, 187-189.	1.3	1
51	William L. Woolverton, Ph.D.. Drug and Alcohol Dependence, 2013, 133, 291-293.	1.6	1
52	8-Substituted Triazolobenzodiazepines: In Vitro and In Vivo Pharmacology in Relation to Structural Docking at the Î±1 Subunit-Containing GABAA Receptor. Frontiers in Pharmacology, 2021, 12, 625233.	1.6	1
53	Choice between food and cocaine reinforcers under fixed and variable schedules in female and male rhesus monkeys.. Experimental and Clinical Psychopharmacology, 2023, 31, 204-218.	1.3	1
54	134 Acute effects of methadone, buprenorphine or naltrexone on sleep-like parameters evaluated with actigraphy in male rhesus monkeys. Sleep, 2021, 44, A54-A55.	0.6	0

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55	0685 Sleep, mental health and socioeconomic factors concomitantly influence the risk in tobacco consumption. Sleep, 2022, 45, A300-A300.	0.6	0