

# Adriaan W Bruijnzeel

## List of Publications by Year in descending order

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78  
papers

3,484  
citations

136950

32  
h-index

149698

56  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3023  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bupropion enhances brain reward function and reverses the affective and somatic aspects of nicotine withdrawal in the rat. <i>Psychopharmacology</i> , 2003, 168, 347-358.	3.1	206
2	kappa-Opioid receptor signaling and brain reward function. <i>Brain Research Reviews</i> , 2009, 62, 127-146.	9.0	164
3	Tobacco addiction and the dysregulation of brain stress systems. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1418-1441.	6.1	137
4	Characterization of the effects of bupropion on the reinforcing properties of nicotine and food in rats. <i>Synapse</i> , 2003, 50, 20-28.	1.2	135
5	Diminished nicotine withdrawal in adolescent rats: implications for vulnerability to addiction. <i>Psychopharmacology</i> , 2006, 186, 612-619.	3.1	134
6	Corticotropin-Releasing Factor-1 Receptor Activation Mediates Nicotine Withdrawal-Induced Deficit in Brain Reward Function and Stress-Induced Relapse. <i>Biological Psychiatry</i> , 2009, 66, 110-117.	1.3	119
7	The role of corticotropin-releasing factor-like peptides in cannabis, nicotine, and alcohol dependence. <i>Brain Research Reviews</i> , 2005, 49, 505-528.	9.0	109
8	Methamphetamine- and Trauma-Induced Brain Injuries: Comparative Cellular and Molecular Neurobiological Substrates. <i>Biological Psychiatry</i> , 2009, 66, 118-127.	1.3	105
9	Effects of the CRF receptor antagonist d-Phe CRF(12-41) and the $\beta$ -adrenergic receptor agonist clonidine on stress-induced reinstatement of nicotine-seeking behavior in rats. <i>Neuropharmacology</i> , 2007, 53, 958-966.	4.1	101
10	Antagonism of CRF Receptors Prevents the Deficit in Brain Reward Function Associated with Precipitated Nicotine Withdrawal in Rats. <i>Neuropsychopharmacology</i> , 2007, 32, 955-963.	5.4	99
11	Sex differences in the elevated plus-maze test and large open field test in adult Wistar rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 204, 173168.	2.9	99
12	The sigma-1 receptor modulates methamphetamine dysregulation of dopamine neurotransmission. <i>Nature Communications</i> , 2017, 8, 2228.	12.8	92
13	The Role of the CRH Type 1 Receptor in Autonomic Responses to Corticotropin- Releasing Hormone in the Rat. <i>Neuropsychopharmacology</i> , 2000, 22, 388-399.	5.4	86
14	Nicotine Withdrawal in Adolescent and Adult Rats. <i>Annals of the New York Academy of Sciences</i> , 2004, 1021, 167-174.	3.8	86
15	Corticotropin-Releasing Factor Within the Central Nucleus of the Amygdala and the Nucleus Accumbens Shell Mediates the Negative Affective State of Nicotine Withdrawal in Rats. <i>Neuropsychopharmacology</i> , 2009, 34, 1743-1752.	5.4	79
16	Effects of insulin and leptin in the ventral tegmental area and arcuate hypothalamic nucleus on food intake and brain reward function in female rats. <i>Behavioural Brain Research</i> , 2011, 219, 254-264.	2.2	78
17	Long-term sensitization of Fos-responsivity in the rat central nervous system after a single stressful experience. <i>Brain Research</i> , 1999, 819, 15-22.	2.2	72
18	Behavioral Characterization of the Effects of Cannabis Smoke and Anandamide in Rats. <i>PLoS ONE</i> , 2016, 11, e0153327.	2.5	71

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19	Stimulation of $\alpha_2$ -adrenergic receptors in the central nucleus of the amygdala attenuates stress-induced reinstatement of nicotine seeking in rats. <i>Neuropharmacology</i> , 2011, 60, 303-311.	4.1	69
20	Tobacco smoke exposure induces nicotine dependence in rats. <i>Psychopharmacology</i> , 2010, 208, 143-158.	3.1	68
21	The Psychoactive Designer Drug and Bath Salt Constituent MDPV Causes Widespread Disruption of Brain Functional Connectivity. <i>Neuropsychopharmacology</i> , 2016, 41, 2352-2365.	5.4	66
22	Adaptations in cholinergic transmission in the ventral tegmental area associated with the affective signs of nicotine withdrawal in rats. <i>Neuropharmacology</i> , 2004, 47, 572-579.	4.1	60
23	Effects in rats of adolescent exposure to cannabis smoke or THC on emotional behavior and cognitive function in adulthood. <i>Psychopharmacology</i> , 2019, 236, 2773-2784.	3.1	58
24	Blockade of CRF1 receptors in the central nucleus of the amygdala attenuates the dysphoria associated with nicotine withdrawal in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 62-68.	2.9	55
25	Stress-induced sensitization of CRH-ir but not P-CREB-ir responsivity in the rat central nervous system. <i>Brain Research</i> , 2001, 908, 187-196.	2.2	54
26	Temporal MRI characterization, neurobiochemical and neurobehavioral changes in a mouse repetitive concussive head injury model. <i>Scientific Reports</i> , 2015, 5, 11178.	3.3	54
27	Differential regulation of agouti-related protein and neuropeptide Y in hypothalamic neurons following a stressful event. <i>Journal of Molecular Endocrinology</i> , 2005, 35, 159-164.	2.5	53
28	Exposure to chronic mild stress alters thresholds for lateral hypothalamic stimulation reward and subsequent responsiveness to amphetamine. <i>Neuroscience</i> , 2002, 114, 925-933.	2.3	48
29	Effects of prazosin, clonidine, and propranolol on the elevations in brain reward thresholds and somatic signs associated with nicotine withdrawal in rats. <i>Psychopharmacology</i> , 2010, 212, 485-499.	3.1	46
30	Severe Deficit in Brain Reward Function Associated with Fentanyl Withdrawal in Rats. <i>Biological Psychiatry</i> , 2006, 59, 477-480.	1.3	43
31	Overexpression of CRF in the BNST diminishes dysphoria but not anxiety-like behavior in nicotine withdrawing rats. <i>European Neuropsychopharmacology</i> , 2016, 26, 1378-1389.	0.7	35
32	Effects of NPY and the specific Y1 receptor agonist [d-His26]-NPY on the deficit in brain reward function and somatic signs associated with nicotine withdrawal in rats. <i>Neuropeptides</i> , 2008, 42, 215-227.	2.2	33
33	Long-term sensitization of cardiovascular stress responses after a single stressful experience. <i>Physiology and Behavior</i> , 2001, 73, 81-86.	2.1	32
34	Deficit in brain reward function and acute and protracted anxiety-like behavior after discontinuation of a chronic alcohol liquid diet in rats. <i>Psychopharmacology</i> , 2009, 203, 629-640.	3.1	31
35	Corticotropin-releasing factor mediates the dysphoria-like state associated with alcohol withdrawal in rats. <i>Behavioural Brain Research</i> , 2010, 210, 288-291.	2.2	31
36	Acute Nicotine Administration Increases BOLD fMRI Signal in Brain Regions Involved in Reward Signaling and Compulsive Drug Intake in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu011-pyu011.	2.1	30

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37	Preadolescent tobacco smoke exposure leads to acute nicotine dependence but does not affect the rewarding effects of nicotine or nicotine withdrawal in adulthood in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 401-409.	2.9	29
38	Tobacco smoke diminishes neurogenesis and promotes gliogenesis in the dentate gyrus of adolescent rats. <i>Brain Research</i> , 2011, 1413, 32-42.	2.2	29
39	Neuropeptide systems and new treatments for nicotine addiction. <i>Psychopharmacology</i> , 2017, 234, 1419-1437.	3.1	29
40	Effect of a benzodiazepine receptor agonist and corticotropin-releasing hormone receptor antagonists on long-term foot-shock-induced increase in defensive withdrawal behavior. <i>Psychopharmacology</i> , 2001, 158, 132-139.	3.1	28
41	Pros and Cons of Medical Cannabis use by People with Chronic Brain Disorders. <i>Current Neuropharmacology</i> , 2017, 15, 800-814.	2.9	28
42	Functional connectivity, behavioral and dopaminergic alterations 24 hours following acute exposure to synthetic bath salt drug methylenedioxypyrovalerone. <i>Neuropharmacology</i> , 2018, 137, 178-193.	4.1	27
43	Sex differences in the reward deficit and somatic signs associated with precipitated nicotine withdrawal in rats. <i>Neuropharmacology</i> , 2019, 160, 107756.	4.1	25
44	Rewarding Effects of Nicotine in Adolescent and Adult Male and Female Rats as Measured Using Intracranial Self-stimulation. <i>Nicotine and Tobacco Research</i> , 2020, 22, 172-179.	2.6	23
45	Simultaneous quantification of cannabinoids tetrahydrocannabinol, cannabidiol and CB1 receptor antagonist in rat plasma: An application to characterize pharmacokinetics after passive cannabis smoke inhalation and co-administration of rimonabant. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 119-125.	2.8	23
46	Effects of fentanyl dose and exposure duration on the affective and somatic signs of fentanyl withdrawal in rats. <i>Neuropharmacology</i> , 2008, 55, 812-818.	4.1	22
47	Prolonged nicotine exposure does not alter GABAB receptor-mediated regulation of brain reward function. <i>Neuropharmacology</i> , 2005, 49, 953-962.	4.1	21
48	Sustained AAV-mediated overexpression of CRF in the central amygdala diminishes the depressive-like state associated with nicotine withdrawal. <i>Translational Psychiatry</i> , 2014, 4, e385-e385.	4.8	21
49	Enhancing effects of acute exposure to cannabis smoke on working memory performance. <i>Neurobiology of Learning and Memory</i> , 2019, 157, 151-162.	1.9	21
50	Anabolic Steroid Abuse. <i>Journal of Addictive Diseases</i> , 2006, 25, 33-45.	1.3	20
51	The effects of buprenorphine on fentanyl withdrawal in rats. <i>Psychopharmacology</i> , 2007, 191, 931-941.	3.1	19
52	Evaluation of the rewarding effects of mitragynine and 7 $\alpha$ -hydroxymitragynine in an intracranial self-stimulation procedure in male and female rats. <i>Drug and Alcohol Dependence</i> , 2020, 215, 108235.	3.2	19
53	Effects of repeated adolescent exposure to cannabis smoke on cognitive outcomes in adulthood. <i>Journal of Psychopharmacology</i> , 2021, 35, 848-863.	4.0	18
54	Sex differences in long-term stress-induced colonic, behavioural and hormonal disturbances. <i>Life Sciences</i> , 1999, 65, 2837-2849.	4.3	17

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55	Rodent models for nicotine withdrawal. <i>Journal of Psychopharmacology</i> , 2021, 35, 1169-1187.	4.0	17
56	Decreased sensitivity to the effects of dopamine D1-like, but not D2-like, receptor antagonism in the posterior hypothalamic region/anterior ventral tegmental area on brain reward function during chronic exposure to nicotine in rats. <i>Brain Research</i> , 2005, 1058, 91-100.	2.2	15
57	Repeated pre-exposure to tobacco smoke potentiates subsequent locomotor responses to nicotine and tobacco smoke but not amphetamine in adult rats. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 100, 109-118.	2.9	15
58	Anorexic effects of intra-VTA leptin are similar in low-fat and high-fat-fed rats but attenuated in a subgroup of high-fat-fed obese rats. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 573-581.	2.9	15
59	A critical role for the melanocortin 4 receptor in stress-induced relapse to nicotine seeking in rats. <i>Addiction Biology</i> , 2015, 20, 324-335.	2.6	15
60	Chronic treatment with the vasopressin 1b receptor antagonist SSR149415 prevents the dysphoria associated with nicotine withdrawal in rats. <i>Behavioural Brain Research</i> , 2015, 292, 259-265.	2.2	14
61	Overexpression of corticotropin-releasing factor in the nucleus accumbens enhances the reinforcing effects of nicotine in intact female versus male and ovariectomized female rats. <i>Neuropsychopharmacology</i> , 2020, 45, 394-403.	5.4	14
62	Adolescent nicotine and tobacco smoke exposure enhances nicotine self-administration in female rats. <i>Neuropharmacology</i> , 2020, 176, 108243.	4.1	14
63	Pharmacokinetic and Pharmacodynamic Characterization of Tetrahydrocannabinol-Induced Cannabinoid Dependence After Chronic Passive Cannabis Smoke Exposure in Rats. <i>Cannabis and Cannabinoid Research</i> , 2019, 4, 240-254.	2.9	13
64	Evaluation of Sex Differences in the Elasticity of Demand for Nicotine and Food in Rats. <i>Nicotine and Tobacco Research</i> , 2020, 22, 925-934.	2.6	13
65	Exposure to smoke from high- but not low-nicotine cigarettes leads to signs of dependence in male rats and potentiates the effects of nicotine in female rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 196, 172998.	2.9	12
66	Rewarding Effects of Nicotine Self-administration Increase Over Time in Male and Female Rats. <i>Nicotine and Tobacco Research</i> , 2021, 23, 2117-2126.	2.6	12
67	Self-administration of the synthetic cathinone MDPV enhances reward function via a nicotinic receptor dependent mechanism. <i>Neuropharmacology</i> , 2018, 137, 286-296.	4.1	10
68	Relationship Between Nicotine Intake and Reward Function in Rats With Intermittent Short Versus Long Access to Nicotine. <i>Nicotine and Tobacco Research</i> , 2020, 22, 213-223.	2.6	10
69	Adolescent nicotine treatment causes robust locomotor sensitization during adolescence but impedes the spontaneous acquisition of nicotine intake in adult female Wistar rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 207, 173224.	2.9	10
70	Reward Processing and Smoking. <i>Nicotine and Tobacco Research</i> , 2017, 19, 661-662.	2.6	9
71	Tobacco smoke exposure enhances reward sensitivity in male and female rats. <i>Psychopharmacology</i> , 2021, 238, 845-855.	3.1	5
72	Effect of Second-Hand Tobacco Smoke on the Nitration of Brain Proteins: A Systems Biology and Bioinformatics Approach. <i>Methods in Molecular Biology</i> , 2017, 1598, 353-372.	0.9	2

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73	Recent Updates in Animal Models of Nicotine Withdrawal: Intracranial Self-Stimulation and Somatic Signs. <i>Methods in Molecular Biology</i> , 2019, 2011, 253-265.	0.9	2
74	Reducing the Prevalence of Smoking: Policy Measures and Focusing on Specific Populations. <i>Nicotine and Tobacco Research</i> , 2017, 19, 1003-1004.	2.6	1
75	Nicotine, Corticotropin-Releasing Factor, and Anxiety-Like Behavior. , 2019, , 159-164.		1
76	Shifting Frontiers in Basic Research on Nicotine and Tobacco Products. <i>Nicotine and Tobacco Research</i> , 2020, 22, 145-146.	2.6	0
77	Influence of Sex on the Effects of Nicotine and Other Drugs of Abuse on Intracranial Self-Stimulation. <i>Neuromethods</i> , 2022, , 3-19.	0.3	0
78	The unhealthy association between smoking, vaping, and other drug use. <i>Nicotine and Tobacco Research</i> , 2022, , .	2.6	0