

# Adriaan W Bruijnzeel

## List of Publications by Citations

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77  
papers

2,813  
citations

30  
h-index

51  
g-index

81  
ext. papers

3,153  
ext. citations

4.7  
avg, IF

5.32  
L-index

#	Paper	IF	Citations
77	Bupropion enhances brain reward function and reverses the affective and somatic aspects of nicotine withdrawal in the rat. <i>Psychopharmacology</i> , <b>2003</b> , 168, 347-58	4.7	178
76	kappa-Opioid receptor signaling and brain reward function. <i>Brain Research Reviews</i> , <b>2009</b> , 62, 127-46		140
75	Characterization of the effects of bupropion on the reinforcing properties of nicotine and food in rats. <i>Synapse</i> , <b>2003</b> , 50, 20-8	2.4	126
74	Diminished nicotine withdrawal in adolescent rats: implications for vulnerability to addiction. <i>Psychopharmacology</i> , <b>2006</b> , 186, 612-9	4.7	122
73	Tobacco addiction and the dysregulation of brain stress systems. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2012</b> , 36, 1418-41	9	115
72	Corticotropin-releasing factor-1 receptor activation mediates nicotine withdrawal-induced deficit in brain reward function and stress-induced relapse. <i>Biological Psychiatry</i> , <b>2009</b> , 66, 110-7	7.9	107
71	Effects of the CRF receptor antagonist D-Phe CRF(12-41) and the alpha2-adrenergic receptor agonist clonidine on stress-induced reinstatement of nicotine-seeking behavior in rats. <i>Neuropharmacology</i> , <b>2007</b> , 53, 958-66	5.5	94
70	The role of corticotropin-releasing factor-like peptides in cannabis, nicotine, and alcohol dependence. <i>Brain Research Reviews</i> , <b>2005</b> , 49, 505-28		94
69	Antagonism of CRF receptors prevents the deficit in brain reward function associated with precipitated nicotine withdrawal in rats. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 955-63	8.7	93
68	Nicotine withdrawal in adolescent and adult rats. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1021, 167-74	6.5	80
67	Methamphetamine- and trauma-induced brain injuries: comparative cellular and molecular neurobiological substrates. <i>Biological Psychiatry</i> , <b>2009</b> , 66, 118-27	7.9	74
66	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> , <b>2009</b> , 34, 1743-52	8.7	73
65	The role of the CRH type 1 receptor in autonomic responses to corticotropin-releasing hormone in the rat. <i>Neuropsychopharmacology</i> , <b>2000</b> , 22, 388-99	8.7	70
64	Long-term sensitization of Fos-responsivity in the rat central nervous system after a single stressful experience. <i>Brain Research</i> , <b>1999</b> , 819, 15-22	3.7	69
63	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> , <b>2011</b> , 219, 254-64	3.4	66
62	Stimulation of $\alpha$ -adrenergic receptors in the central nucleus of the amygdala attenuates stress-induced reinstatement of nicotine seeking in rats. <i>Neuropharmacology</i> , <b>2011</b> , 60, 303-11	5.5	63
61	Tobacco smoke exposure induces nicotine dependence in rats. <i>Psychopharmacology</i> , <b>2010</b> , 208, 143-58	4.7	63

60	The sigma-1 receptor modulates methamphetamine dysregulation of dopamine neurotransmission. <i>Nature Communications</i> , <b>2017</b> , 8, 2228	17.4	57
59	Adaptations in cholinergic transmission in the ventral tegmental area associated with the affective signs of nicotine withdrawal in rats. <i>Neuropharmacology</i> , <b>2004</b> , 47, 572-9	5.5	55
58	The Psychoactive Designer Drug and Bath Salt Constituent MDPV Causes Widespread Disruption of Brain Functional Connectivity. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 2352-65	8.7	53
57	Differential regulation of agouti-related protein and neuropeptide Y in hypothalamic neurons following a stressful event. <i>Journal of Molecular Endocrinology</i> , <b>2005</b> , 35, 159-64	4.5	52
56	Stress-induced sensitization of CRH-ir but not P-CREB-ir responsivity in the rat central nervous system. <i>Brain Research</i> , <b>2001</b> , 908, 187-96	3.7	52
55	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> , <b>2012</b> , 101, 62-8	3.9	49
54	Behavioral Characterization of the Effects of Cannabis Smoke and Anandamide in Rats. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153327	3.7	45
53	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> , <b>2010</b> , 212, 485-99	4.7	43
52	Temporal MRI characterization, neurobiochemical and neurobehavioral changes in a mouse repetitive concussive head injury model. <i>Scientific Reports</i> , <b>2015</b> , 5, 11178	4.9	42
51	Exposure to chronic mild stress alters thresholds for lateral hypothalamic stimulation reward and subsequent responsiveness to amphetamine. <i>Neuroscience</i> , <b>2002</b> , 114, 925-33	3.9	42
50	Severe deficit in brain reward function associated with fentanyl withdrawal in rats. <i>Biological Psychiatry</i> , <b>2006</b> , 59, 477-80	7.9	39
49	Effects in rats of adolescent exposure to cannabis smoke or THC on emotional behavior and cognitive function in adulthood. <i>Psychopharmacology</i> , <b>2019</b> , 236, 2773-2784	4.7	31
48	Corticotropin-releasing factor mediates the dysphoria-like state associated with alcohol withdrawal in rats. <i>Behavioural Brain Research</i> , <b>2010</b> , 210, 288-91	3.4	30
47	Effects of NPY and the specific Y1 receptor agonist [D-His(26)]-NPY on the deficit in brain reward function and somatic signs associated with nicotine withdrawal in rats. <i>Neuropeptides</i> , <b>2008</b> , 42, 215-27	3.3	30
46	Long-term sensitization of cardiovascular stress responses after a single stressful experience. <i>Physiology and Behavior</i> , <b>2001</b> , 73, 81-6	3.5	30
45	Tobacco smoke diminishes neurogenesis and promotes gliogenesis in the dentate gyrus of adolescent rats. <i>Brain Research</i> , <b>2011</b> , 1413, 32-42	3.7	29
44	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> , <b>2009</b> , 203, 629-40	4.7	28
43	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> , <b>2010</b> , 95, 401-9	3.9	28

42	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> , <b>2001</b> , 158, 132-9	4.7	27
41	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> , <b>2014</b> , 18,	5.8	23
40	Overexpression of CRF in the BNST diminishes dysphoria but not anxiety-like behavior in nicotine withdrawing rats. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 1378-1389	1.2	23
39	Prolonged nicotine exposure does not alter GABA(B) receptor-mediated regulation of brain reward function. <i>Neuropharmacology</i> , <b>2005</b> , 49, 953-62	5.5	21
38	Pros and Cons of Medical Cannabis use by People with Chronic Brain Disorders. <i>Current Neuropharmacology</i> , <b>2017</b> , 15, 800-814	7.6	21
37	Anabolic Steroid Abuse. <i>Journal of Addictive Diseases</i> , <b>2006</b> , 25, 33-45	1.7	20
36	Sex differences in the elevated plus-maze test and large open field test in adult Wistar rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2021</b> , 204, 173168	3.9	20
35	Functional connectivity, behavioral and dopaminergic alterations 24 hours following acute exposure to synthetic bath salt drug methylenedioxypropylvalerone. <i>Neuropharmacology</i> , <b>2018</b> , 137, 178-193	5.5	19
34	Sustained AAV-mediated overexpression of CRF in the central amygdala diminishes the depressive-like state associated with nicotine withdrawal. <i>Translational Psychiatry</i> , <b>2014</b> , 4, e385	8.6	18
33	Neuropeptide systems and new treatments for nicotine addiction. <i>Psychopharmacology</i> , <b>2017</b> , 234, 1419-1437	4.7	17
32	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> , <b>2018</b> , 160, 119-125	3.5	15
31	The effects of buprenorphine on fentanyl withdrawal in rats. <i>Psychopharmacology</i> , <b>2007</b> , 191, 931-41	4.7	15
30	Enhancing effects of acute exposure to cannabis smoke on working memory performance. <i>Neurobiology of Learning and Memory</i> , <b>2019</b> , 157, 151-162	3.1	15
29	Chronic treatment with the vasopressin 1b receptor antagonist SSR149415 prevents the dysphoria associated with nicotine withdrawal in rats. <i>Behavioural Brain Research</i> , <b>2015</b> , 292, 259-65	3.4	14
28	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> , <b>2011</b> , 100, 109-18	3.9	14
27	Effects of fentanyl dose and exposure duration on the affective and somatic signs of fentanyl withdrawal in rats. <i>Neuropharmacology</i> , <b>2008</b> , 55, 812-8	5.5	14
26	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> , <b>2005</b> , 1058, 91-100	3.7	14
25	Sex differences in long-term stress-induced colonic, behavioural and hormonal disturbances. <i>Life Sciences</i> , <b>1999</b> , 65, 2837-49	6.8	14

24	A critical role for the melanocortin 4 receptor in stress-induced relapse to nicotine seeking in rats. <i>Addiction Biology</i> , <b>2015</b> , 20, 324-35	4.6	13
23	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> , <b>2013</b> , 103, 573-81	3.9	13
22	Evaluation of the rewarding effects of mitragynine and 7-hydroxymitragynine in an intracranial self-stimulation procedure in male and female rats. <i>Drug and Alcohol Dependence</i> , <b>2020</b> , 215, 108235	4.9	12
21	Sex differences in the reward deficit and somatic signs associated with precipitated nicotine withdrawal in rats. <i>Neuropharmacology</i> , <b>2019</b> , 160, 107756	5.5	11
20	Evaluation of Sex Differences in the Elasticity of Demand for Nicotine and Food in Rats. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 925-934	4.9	9
19	Rewarding Effects of Nicotine in Adolescent and Adult Male and Female Rats as Measured Using Intracranial Self-stimulation. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 172-179	4.9	8
18	Reward Processing and Smoking. <i>Nicotine and Tobacco Research</i> , <b>2017</b> , 19, 661-662	4.9	7
17	Pharmacokinetic and Pharmacodynamic Characterization of Tetrahydrocannabinol-Induced Cannabinoid Dependence After Chronic Passive Cannabis Smoke Exposure in Rats. <i>Cannabis and Cannabinoid Research</i> , <b>2019</b> , 4, 240-254	4.6	7
16	Self-administration of the synthetic cathinone MDPV enhances reward function via a nicotinic receptor dependent mechanism. <i>Neuropharmacology</i> , <b>2018</b> , 137, 286-296	5.5	7
15	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> , <b>2020</b> , 45, 394-403	8.7	6
14	Adolescent nicotine and tobacco smoke exposure enhances nicotine self-administration in female rats. <i>Neuropharmacology</i> , <b>2020</b> , 176, 108243	5.5	6
13	Effects of repeated adolescent exposure to cannabis smoke on cognitive outcomes in adulthood. <i>Journal of Psychopharmacology</i> , <b>2021</b> , 35, 848-863	4.6	4
12	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> , <b>2020</b> , 196, 172998	3.9	4
11	Relationship Between Nicotine Intake and Reward Function in Rats With Intermittent Short Versus Long Access to Nicotine. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 213-223	4.9	4
10	Rodent models for nicotine withdrawal. <i>Journal of Psychopharmacology</i> , <b>2021</b> , 35, 1169-1187	4.6	3
9	Rewarding Effects of Nicotine Self-administration Increase Over Time in Male and Female Rats. <i>Nicotine and Tobacco Research</i> , <b>2021</b> , 23, 2117-2126	4.9	3
8	Recent Updates in Animal Models of Nicotine Withdrawal: Intracranial Self-Stimulation and Somatic Signs. <i>Methods in Molecular Biology</i> , <b>2019</b> , 2011, 253-265	1.4	1
7	Reducing the Prevalence of Smoking: Policy Measures and Focusing on Specific Populations. <i>Nicotine and Tobacco Research</i> , <b>2017</b> , 19, 1003-1004	4.9	1

6	Tobacco smoke exposure enhances reward sensitivity in male and female rats. <i>Psychopharmacology</i> , <b>2021</b> , 238, 845-855	4.7	1
5	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> , <b>2021</b> , 207, 173224	3.9	1
4	Effect of Second-Hand Tobacco Smoke on the Nitration of Brain Proteins: A Systems Biology and Bioinformatics Approach. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1598, 353-372	1.4	0
3	Nicotine, Corticotropin-Releasing Factor, and Anxiety-Like Behavior <b>2019</b> , 159-164		0
2	Shifting Frontiers in Basic Research on Nicotine and Tobacco Products. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 145-146	4.9	
1	Influence of Sex on the Effects of Nicotine and Other Drugs of Abuse on Intracranial Self-Stimulation. <i>Neuromethods</i> , <b>2022</b> , 3-19	0.4	