

# Walter Fratta

## List of Publications by Year in descending order

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83  
papers

7,406  
citations

53794

45  
h-index

58581

82  
g-index

83  
all docs

83  
docs citations

83  
times ranked

6312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unresponsiveness to Cannabinoids and Reduced Addictive Effects of Opiates in CB <sub>1</sub> Receptor Knockout Mice. <i>Science</i> , 1999, 283, 401-404.	12.6	2,225
2	Beyond THC: The New Generation of Cannabinoid Designer Drugs. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 60.	2.0	360
3	Cannabinoid CB <sub>1</sub> receptor knockout mice fail to self-administer morphine but not other drugs of abuse. <i>Behavioural Brain Research</i> , 2001, 118, 61-65.	2.2	254
4	Sex differences in addictive disorders. <i>Frontiers in Neuroendocrinology</i> , 2014, 35, 272-284.	5.2	211
5	Baclofen antagonizes nicotine, cocaine, and morphine-induced dopamine release in the nucleus accumbens of rat. <i>Synapse</i> , 2003, 50, 1-6.	1.2	184
6	Intravenous self-administration of the cannabinoid CB <sub>1</sub> receptor agonist WIN 55,212-2 in rats. <i>Psychopharmacology</i> , 2001, 156, 410-416.	3.1	180
7	Sex Differences in Drug Addiction: A Review of Animal and Human Studies. <i>Women's Health</i> , 2008, 4, 51-65.	1.5	160
8	How important are sex differences in cannabinoid action?. <i>British Journal of Pharmacology</i> , 2010, 160, 544-548.	5.4	156
9	The endogenous cannabinoid anandamide has effects on motivation and anxiety that are revealed by fatty acid amide hydrolase (FAAH) inhibition. <i>Neuropharmacology</i> , 2008, 54, 129-140.	4.1	132
10	Inhibition of Anandamide Hydrolysis by Cyclohexyl Carbamic Acid 3-yl Ester (URB597) Reverses Abuse-Related Behavioral and Neurochemical Effects of Nicotine in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 482-490.	2.5	132
11	Blockade of Nicotine Reward and Reinstatement by Activation of Alpha-Type Peroxisome Proliferator-Activated Receptors. <i>Biological Psychiatry</i> , 2011, 69, 633-641.	1.3	112
12	Lack of morphine-induced dopamine release in the nucleus accumbens of cannabinoid CB <sub>1</sub> receptor knockout mice. <i>European Journal of Pharmacology</i> , 1999, 383, R1-R2.	3.5	110
13	Male and Female Rats Differ in Brain Cannabinoid CB <sub>1</sub> Receptor Density and Function and in Behavioural Traits Predisposing to Drug Addiction: Effect of Ovarian Hormones. <i>Current Pharmaceutical Design</i> , 2014, 20, 2100-2113.	1.9	108
14	Cannabinoid self-administration increases dopamine release in the nucleus accumbens. <i>NeuroReport</i> , 2006, 17, 1629-1632.	1.2	101
15	Differential effects of THC- or CBD-rich cannabis extracts on working memory in rats. <i>Neuropharmacology</i> , 2004, 47, 1170-1179.	4.1	98
16	Endocannabinoid system and opioid addiction: Behavioural aspects. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 343-359.	2.9	97
17	Calcium antagonists isradipine and nimodipine suppress cocaine and morphine intravenous self-administration in drug-naive mice. <i>Pharmacology Biochemistry and Behavior</i> , 1992, 41, 497-500.	2.9	96
18	Cannabinoids and Reward: Interactions with the Opioid System. <i>Critical Reviews in Neurobiology</i> , 2004, 16, 147-158.	3.1	95

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19	CB1 cannabinoid receptor agonist WIN 55,212-2 decreases intravenous cocaine self-administration in rats. <i>Behavioural Brain Research</i> , 1999, 104, 141-146.	2.2	94
20	Peroxisome Proliferator-Activated Receptors-Alpha Modulate Dopamine Cell Activity Through Nicotinic Receptors. <i>Biological Psychiatry</i> , 2010, 68, 256-264.	1.3	92
21	An endocannabinoid mechanism in relapse to drug seeking: A review of animal studies and clinical perspectives. <i>Brain Research Reviews</i> , 2007, 53, 1-16.	9.0	90
22	Involvement of $\mu$ -Opioid and Endocannabinoid System on Salvinorin A-Induced Reward. <i>Biological Psychiatry</i> , 2008, 63, 286-292.	1.3	89
23	BACLOFEN ANTAGONIZES INTRAVENOUS SELF-ADMINISTRATION OF NICOTINE IN MICE AND RATS. <i>Alcohol and Alcoholism</i> , 2002, 37, 495-498.	1.6	88
24	Reducing cannabinoid abuse and preventing relapse by enhancing endogenous brain levels of kynurenic acid. <i>Nature Neuroscience</i> , 2013, 16, 1652-1661.	14.8	85
25	CB1 receptor agonist and heroin, but not cocaine, reinstate cannabinoid-seeking behaviour in the rat. <i>British Journal of Pharmacology</i> , 2004, 143, 343-350.	5.4	84
26	Nicotinic $\alpha 7$ Receptors as a New Target for Treatment of Cannabis Abuse. <i>Journal of Neuroscience</i> , 2007, 27, 5615-5620.	3.6	83
27	Cannabinoid CB1 antagonist SR 141716A attenuates reinstatement of heroin self-administration in heroin-abstinent rats. <i>Neuropharmacology</i> , 2005, 48, 1097-1104.	4.1	82
28	PPAR $\delta$ Regulates Cholinergic-Driven Activity of Midbrain Dopamine Neurons via a Novel Mechanism Involving $\alpha 7$ Nicotinic Acetylcholine Receptors. <i>Journal of Neuroscience</i> , 2013, 33, 6203-6211.	3.6	79
29	The endocannabinoid system and nondrug rewarding behaviours. <i>Experimental Neurology</i> , 2010, 224, 23-36.	4.1	78
30	Bidirectional regulation of $\mu$ -opioid and CB1-cannabinoid receptor in rats self-administering heroin or WIN 55,212-2. <i>European Journal of Neuroscience</i> , 2007, 25, 2191-2200.	2.6	74
31	Sex differences in the self-administration of cannabinoids and other drugs of abuse. <i>Psychoneuroendocrinology</i> , 2009, 34, S227-S236.	2.7	71
32	STRESS-INDUCED SLEEP DEPRIVATION MODIFIES CORTICOTROPIN RELEASING FACTOR (CRF) LEVELS AND CRF BINDING IN RAT BRAIN AND PITUITARY. <i>Pharmacological Research</i> , 1997, 35, 443-446.	7.1	67
33	Strain and schedule-dependent differences in the acquisition, maintenance and extinction of intravenous cannabinoid self-administration in rats. <i>Neuropharmacology</i> , 2007, 52, 646-654.	4.1	67
34	The GABAB receptor agonist baclofen prevents heroin-induced reinstatement of heroin-seeking behavior in rats. <i>Neuropharmacology</i> , 2007, 52, 1555-1562.	4.1	60
35	Cannabidiol as a Potential Treatment for Anxiety and Mood Disorders: Molecular Targets and Epigenetic Insights from Preclinical Research. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1863.	4.1	60
36	Baclofen prevents drug-induced reinstatement of extinguished nicotine-seeking behaviour and nicotine place preference in rodents. <i>European Neuropsychopharmacology</i> , 2009, 19, 487-498.	0.7	58

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37	The anandamide transport inhibitor AM404 reduces the rewarding effects of nicotine and nicotine-induced dopamine elevations in the nucleus accumbens shell in rats. <i>British Journal of Pharmacology</i> , 2012, 165, 2539-2548.	5.4	56
38	Cannabinoid self-administration attenuates PCP-induced schizophrenia-like symptoms in adult rats. <i>European Neuropsychopharmacology</i> , 2010, 20, 25-36.	0.7	54
39	Adolescent $\delta^9$ -Tetrahydrocannabinol Exposure Alters WIN55,212-2 Self-Administration in Adult Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 1416-1426.	5.4	53
40	Brain activity of anandamide: a rewarding bliss?. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 309-323.	6.1	53
41	Localized Epileptiform Activity Induced by Murine CRF in Rats. <i>Epilepsia</i> , 1988, 29, 369-373.	5.1	52
42	Stress-induced insomnia: opioid-dopamine interactions. <i>European Journal of Pharmacology</i> , 1987, 142, 437-440.	3.5	50
43	Corticotropin-releasing factor (CRF) increases paradoxical sleep (PS) rebound in PS-deprived rats. <i>Brain Research</i> , 1990, 515, 315-318.	2.2	50
44	Isradipine inhibits nicotine intravenous self-administration in drug-naive mice. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 52, 271-274.	2.9	50
45	Endocannabinoid regulation of relapse mechanisms. <i>Pharmacological Research</i> , 2007, 56, 418-427.	7.1	47
46	A possible role for the endocannabinoid system in the neurobiology of depression. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2007, 3, 25.	1.2	43
47	Effects of the calcium antagonist isradipine on cocaine intravenous self-administration in rats. <i>Psychopharmacology</i> , 1994, 113, 378-380.	3.1	41
48	Nicotinic Facilitation of $\delta^9$ -Tetrahydrocannabinol Discrimination Involves Endogenous Anandamide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 1127-1134.	2.5	40
49	Interactions between the endocannabinoid and nicotinic cholinergic systems: preclinical evidence and therapeutic perspectives. <i>Psychopharmacology</i> , 2016, 233, 1765-1777.	3.1	39
50	Cannabinoid exposure in rat adolescence reprograms the initial behavioral, molecular, and epigenetic response to cocaine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9991-10002.	7.1	39
51	Molecular mechanisms of cannabinoid addiction. <i>Current Opinion in Neurobiology</i> , 2013, 23, 487-492.	4.2	36
52	Cannabinoid CB <sub>1</sub> /CB <sub>2</sub> receptor agonists attenuate hyperactivity and body weight loss in a rat model of activity-based anorexia. <i>British Journal of Pharmacology</i> , 2017, 174, 2682-2695.	5.4	33
53	The Endocannabinoid System: A New Molecular Target for the Treatment of Tobacco Addiction. <i>CNS and Neurological Disorders - Drug Targets</i> , 2008, 7, 468-481.	1.4	32
54	Enhanced self-administration of the CB <sub>1</sub> receptor agonist WIN55,212-2 in olfactory bulbectomized rats: evaluation of possible serotonergic and dopaminergic underlying mechanisms. <i>Frontiers in Pharmacology</i> , 2014, 5, 44.	3.5	32

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55	AM404 attenuates reinstatement of nicotine seeking induced by nicotine-associated cues and nicotine priming but does not affect nicotine- and food-taking. <i>Journal of Psychopharmacology</i> , 2013, 27, 564-571.	4.0	31
56	New Perspectives on the Use of Cannabis in the Treatment of Psychiatric Disorders. <i>Medicines (Basel)</i> , 2019, 14, 30.	1.4	30
57	Scopolamine and MK801-induced working memory deficits in rats are not reversed by CBD-rich cannabis extracts. <i>Behavioural Brain Research</i> , 2006, 168, 307-311.	2.2	28
58	Baclofen antagonises intravenous self-administration of $\gamma$ -hydroxybutyric acid in mice. <i>NeuroReport</i> , 2001, 12, 2243-2246.	1.2	27
59	Methoxetamine, a novel psychoactive substance with serious adverse pharmacological effects: a review of case reports and preclinical findings. <i>Behavioural Pharmacology</i> , 2016, 27, 489-496.	1.7	26
60	Cannabinoid Modulation of Eukaryotic Initiation Factors (eIF2 $\beta$ and eIF2B1) and Behavioral Cross-Sensitization to Cocaine in Adolescent Rats. <i>Cell Reports</i> , 2018, 22, 2909-2923.	6.4	23
61	Chronic cannabinoid exposure reduces phencyclidine-induced schizophrenia-like positive symptoms in adult rats. <i>Psychopharmacology</i> , 2013, 225, 531-542.	3.1	21
62	Changed accumbal responsiveness to alcohol in rats pre-treated with nicotine or the cannabinoid receptor agonist WIN 55,212-2. <i>Neuroscience Letters</i> , 2008, 433, 1-5.	2.1	19
63	Limited Access to a High Fat Diet Alters Endocannabinoid Tone in Female Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 40.	2.8	19
64	Impaired brain endocannabinoid tone in the activity-based model of anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2019, 52, 1251-1262.	4.0	19
65	Behavioural and neurochemical assessment of salvinorin A abuse potential in the rat. <i>Psychopharmacology</i> , 2015, 232, 91-100.	3.1	15
66	Elevated dopamine in the medial prefrontal cortex suppresses cocaine seeking via $\alpha$ 1 receptor overstimulation. <i>Addiction Biology</i> , 2016, 21, 61-71.	2.6	13
67	Cannabinoids and their therapeutic applications in mental disorders. <i>Dialogues in Clinical Neuroscience</i> , 2020, 22, 271-279.	3.7	13
68	Gamma-Hydroxybutyric Acid Decreases Intravenous Cocaine Self-Administration in Rats. <i>Pharmacology Biochemistry and Behavior</i> , 1998, 59, 697-702.	2.9	12
69	Emotional profile of female rats showing binge eating behavior. <i>Physiology and Behavior</i> , 2016, 163, 136-143.	2.1	12
70	The anabolic steroid nandrolone alters cannabinoid self-administration and brain CB1 receptor density and function. <i>Pharmacological Research</i> , 2017, 115, 209-217.	7.1	12
71	Levodopa prevents the reinstatement of cocaine self-administration in rats via potentiation of dopamine release in the medial prefrontal cortex. <i>Addiction Biology</i> , 2018, 23, 556-568.	2.6	10
72	Sex-specific differences in cannabinoid-induced extracellular-signal-regulated kinase phosphorylation in the cingulate cortex, prefrontal cortex, and nucleus accumbens of Lister Hooded rats. <i>Behavioural Pharmacology</i> , 2018, 29, 473-481.	1.7	8

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73	Altered brain levels of arachidonic acid-derived inflammatory eicosanoids in a rodent model of anorexia nervosa. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158578.	2.4	8
74	Sex and Feeding Status Differently Affect Natural Reward Seeking Behavior in Olfactory Bulbectomized Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 255.	2.0	7
75	The cyclo-oxygenase inhibitor nimesulide induces conditioned place preference in rats. <i>European Journal of Pharmacology</i> , 2000, 406, 75-77.	3.5	6
76	Role of Opioid Receptors in the Reinstatement of Opioid-Seeking Behavior: An Overview. <i>Methods in Molecular Biology</i> , 2015, 1230, 281-293.	0.9	6
77	Clonidine Prevents Corticotropin Releasing Factor-Induced Epileptogenic Activity in Rats. <i>Epilepsia</i> , 1992, 33, 435-438.	5.1	5
78	C-Fos expression as a molecular marker in corticotropin-releasing factor-induced seizures. , 1996, 24, 297-304.		5
79	Longitudinal assessment of brain-derived neurotrophic factor in Sardinian psychotic patients (LABSP): a protocol for a prospective observational study. <i>BMJ Open</i> , 2017, 7, e014938.	1.9	5
80	Conditioned Place Preference (CPP) in Rats: From Conditioning to Reinstatement Test. <i>Methods in Molecular Biology</i> , 2021, 2201, 221-229.	0.9	5
81	Neonatal Monosodium Glutamate Abolishes Corticotropinâ€Releasing Factorâ€Induced Epileptogenic Activity in Rats. <i>Epilepsia</i> , 1990, 31, 708-712.	5.1	4
82	Analysis of Opioid-Seeking Behavior Through the Intravenous Self-Administration Reinstatement Model in Rats. <i>Methods in Molecular Biology</i> , 2021, 2201, 231-245.	0.9	3
83	Fidia and neuroscience. <i>Nature</i> , 1993, 366, 399-399.	27.8	2