

Marco Diana

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5535701/marco-diana-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

4,567
citations

38
h-index

65
g-index

126
ext. papers

5,024
ext. citations

4.8
avg, IF

5.34
L-index

#	Paper	IF	Citations
109	Cannabinoids activate mesolimbic dopamine neurons by an action on cannabinoid CB1 receptors. <i>European Journal of Pharmacology</i> , 1998 , 341, 39-44	5.3	297
108	Profound decrement of mesolimbic dopaminergic neuronal activity during ethanol withdrawal syndrome in rats: electrophysiological and biochemical evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 7966-9	11.5	252
107	The dopamine hypothesis of drug addiction: hypodopaminergic state. <i>International Review of Neurobiology</i> , 2005 , 63, 101-54	4.4	193
106	Mesolimbic dopaminergic decline after cannabinoid withdrawal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 10269-73	11.5	169
105	Acetaldehyde increases dopaminergic neuronal activity in the VTA. <i>Neuropsychopharmacology</i> , 2004 , 29, 530-6	8.7	141
104	The dopamine hypothesis of drug addiction and its potential therapeutic value. <i>Frontiers in Psychiatry</i> , 2011 , 2, 64	5	131
103	Rehabilitating the addicted brain with transcranial magnetic stimulation. <i>Nature Reviews Neuroscience</i> , 2017 , 18, 685-693	13.5	128
102	Profound decrease of mesolimbic dopaminergic neuronal activity in morphine withdrawn rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1995 , 272, 781-5	4.7	122
101	Mesolimbic dopaminergic reduction outlasts ethanol withdrawal syndrome: evidence of protracted abstinence. <i>Neuroscience</i> , 1996 , 71, 411-5	3.9	116
100	Increase in meso-prefrontal dopaminergic activity after stimulation of CB1 receptors by cannabinoids. <i>European Journal of Neuroscience</i> , 1998 , 10, 2825-30	3.5	115
99	Impaired decision-making in opiate-dependent subjects: effect of pharmacological therapies. <i>Drug and Alcohol Dependence</i> , 2006 , 83, 163-8	4.9	110
98	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 104, 118-140	9	109
97	Alcohol withdrawal in rats is associated with a marked fall in extraneuronal dopamine. <i>Alcoholism: Clinical and Experimental Research</i> , 1992 , 16, 529-32	3.7	89
96	Dissociation of haloperidol, clozapine, and olanzapine effects on electrical activity of mesocortical dopamine neurons and dopamine release in the prefrontal cortex. <i>Neuropsychopharmacology</i> , 2000 , 22, 642-9	8.7	87
95	Different mechanisms for dopaminergic excitation induced by opiates and cannabinoids in the rat midbrain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2000 , 24, 993-1006	5.5	86
94	Lasting reduction in mesolimbic dopamine neuronal activity after morphine withdrawal. <i>European Journal of Neuroscience</i> , 1999 , 11, 1037-41	3.5	86
93	Acetaldehyde mediates alcohol activation of the mesolimbic dopamine system. <i>European Journal of Neuroscience</i> , 2007 , 26, 2824-33	3.5	83

92	Calcium receptor antagonists modify cocaine effects in the central nervous system differently. <i>European Journal of Pharmacology</i> , 1990 , 190, 217-21	5.3	79
91	Hampered long-term depression and thin spine loss in the nucleus accumbens of ethanol-dependent rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3745-54	11.5	70
90	Morphine withdrawal-induced morphological changes in the nucleus accumbens. <i>European Journal of Neuroscience</i> , 2005 , 22, 2332-40	3.5	69
89	Effects of cannabinoids on prefrontal neuronal responses to ventral tegmental area stimulation. <i>European Journal of Neuroscience</i> , 2001 , 14, 96-102	3.5	69
88	Key role of ethanol-derived acetaldehyde in the motivational properties induced by intragastric ethanol: a conditioned place preference study in the rat. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 249-58	3.7	68
87	Low doses of gamma-hydroxybutyric acid stimulate the firing rate of dopaminergic neurons in unanesthetized rats. <i>Brain Research</i> , 1991 , 566, 208-11	3.7	67
86	Drug dependence as a disorder of neural plasticity: focus on dopamine and glutamate. <i>Reviews in the Neurosciences</i> , 2001 , 12, 141-58	4.7	62
85	Novel therapeutic strategies for alcohol and drug addiction: focus on GABA, ion channels and transcranial magnetic stimulation. <i>Neuropsychopharmacology</i> , 2012 , 37, 163-77	8.7	61
84	Morphine withdrawal-induced abnormalities in the VTA: confocal laser scanning microscopy. <i>European Journal of Neuroscience</i> , 2003 , 17, 605-12	3.5	58
83	Co-release of noradrenaline and dopamine in the prefrontal cortex after acute morphine and during morphine withdrawal. <i>Psychopharmacology</i> , 2002 , 160, 220-4	4.7	56
82	Acetaldehyde sequestering prevents ethanol-induced stimulation of mesolimbic dopamine transmission. <i>Drug and Alcohol Dependence</i> , 2009 , 100, 265-71	4.9	54
81	Bilateral Transcranial Magnetic Stimulation of the Prefrontal Cortex Reduces Cocaine Intake: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2016 , 7, 133	5	54
80	Ethanol and acetaldehyde action on central dopamine systems: mechanisms, modulation, and relationship to stress. <i>Alcohol</i> , 2009 , 43, 531-9	2.7	47
79	Electrophysiological analysis of dopamine cells from the substantia nigra pars compacta of circling rats. <i>Experimental Brain Research</i> , 1989 , 74, 625-30	2.3	47
78	Altered architecture and functional consequences of the mesolimbic dopamine system in cannabis dependence. <i>Addiction Biology</i> , 2010 , 15, 266-76	4.6	45
77	Marked decrease of A10 dopamine neuronal firing during ethanol withdrawal syndrome in rats. <i>European Journal of Pharmacology</i> , 1992 , 221, 403-4	5.3	43
76	In vitro excitatory actions of corticotropin-releasing factor on rat colonic motility. <i>Autonomic and Autacoid Pharmacology</i> , 1998 , 18, 319-24		41
75	Drug addiction: An affective-cognitive disorder in need of a cure. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 65, 341-61	9	41

74	Persistent and reversible morphine withdrawal-induced morphological changes in the nucleus accumbens. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1074, 446-57	6.5	40
73	Deep Transcranial Magnetic Stimulation of the Dorsolateral Prefrontal Cortex in Alcohol Use Disorder Patients: Effects on Dopamine Transporter Availability and Alcohol Intake. <i>European Neuropsychopharmacology</i> , 2017 , 27, 450-461	1.2	38
72	Spontaneous bursting activity of dopaminergic neurons in midbrain slices from immature rats: role of N-methyl-D-aspartate receptors. <i>Neuroscience</i> , 1997 , 77, 1029-36	3.9	38
71	Crucial role of acetaldehyde in alcohol activation of the mesolimbic dopamine system. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1139, 307-17	6.5	38
70	Depolarization inactivation of dopamine neurons: an artifact?. <i>Journal of Neuroscience</i> , 1995 , 15, 1144-9	6.6	36
69	The "addicted" spine. <i>Frontiers in Neuroanatomy</i> , 2014 , 8, 110	3.6	35
68	Simultaneous Golgi-Cox and immunofluorescence using confocal microscopy. <i>Brain Structure and Function</i> , 2011 , 216, 171-82	4	35
67	Lack of tolerance to ethanol-induced stimulation of mesolimbic dopamine system. <i>Alcohol and Alcoholism</i> , 1992 , 27, 329-33	3.5	33
66	Reduction of ethanol-derived acetaldehyde induced motivational properties by L-cysteine. <i>Alcoholism: Clinical and Experimental Research</i> , 2009 , 33, 43-8	3.7	31
65	L-Cysteine reduces oral ethanol self-administration and reinstatement of ethanol-drinking behavior in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010 , 94, 431-7	3.9	30
64	Effects of acute, chronic ethanol and withdrawal on dorsal raphe neurons: electrophysiological studies. <i>Neuroscience</i> , 1997 , 79, 171-6	3.9	30
63	Acetaldehyde-reinforcing effects: a study on oral self-administration behavior. <i>Frontiers in Psychiatry</i> , 2010 , 1, 23	5	29
62	Co-transplantation of endothelial progenitor cells and pancreatic islets to induce long-lasting normoglycemia in streptozotocin-treated diabetic rats. <i>PLoS ONE</i> , 2014 , 9, e94783	3.7	27
61	Clozapine potently stimulates mesocortical dopamine neurons. <i>European Journal of Pharmacology</i> , 1999 , 366, R11-3	5.3	24
60	Cocaine dependence and stroke: pathogenesis and management. <i>Current Neurovascular Research</i> , 2015 , 12, 163-72	1.8	24
59	Intermittent Theta Burst Stimulation of the Prefrontal Cortex in Cocaine Use Disorder: A Pilot Study. <i>Frontiers in Neuroscience</i> , 2019 , 13, 765	5.1	23
58	Is ethanol a pro-drug? Acetaldehyde contribution to brain ethanol effects. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 1514-21	3.7	23
57	Biochemical and electrophysiological effects of 7-OH-DPAT on the mesolimbic dopaminergic system. <i>Synapse</i> , 1995 , 20, 153-5	2.4	23

56	Ethanol withdrawal does not induce a reduction in the number of spontaneously active dopaminergic neurons in the mesolimbic system. <i>Brain Research</i> , 1995 , 682, 29-34	3.7	23
55	Turning the clock ahead: potential preclinical and clinical neuropharmacological targets for alcohol dependence. <i>Current Pharmaceutical Design</i> , 2010 , 16, 2159-18	3.3	22
54	Haloperidol-induced vacuous chewing in rats: suppression by alpha-methyl-tyrosine. <i>European Journal of Pharmacology</i> , 1992 , 211, 415-9	5.3	22
53	NMDA-receptor-dependent plasticity in the bed nucleus of the stria terminalis triggers long-term anxiolysis. <i>Nature Communications</i> , 2017 , 8, 14456	17.4	21
52	Haloperidol does not produce dopamine cell depolarization-block in paralyzed, unanesthetized rats. <i>Brain Research</i> , 1998 , 783, 127-32	3.7	21
51	Ventral Subiculum Stimulation Promotes Persistent Hyperactivity of Dopamine Neurons and Facilitates Behavioral Effects of Cocaine. <i>Cell Reports</i> , 2015 , 13, 2287-96	10.6	19
50	L-cysteine prevents ethanol-induced stimulation of mesolimbic dopamine transmission. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 862-9	3.7	19
49	Transcranial magnetic stimulation for the treatment of cocaine addiction: evidence to date. <i>Substance Abuse and Rehabilitation</i> , 2018 , 9, 11-21	5.5	18
48	Effect of (L)-cysteine on acetaldehyde self-administration. <i>Alcohol</i> , 2012 , 46, 489-97	2.7	18
47	Lack of tolerance to ethanol-induced dopamine release in the rat ventral striatum. <i>European Journal of Pharmacology</i> , 1993 , 231, 203-7	5.3	18
46	Failure of chronic haloperidol to induce depolarization inactivation of dopamine neurons in unanesthetized rats. <i>European Journal of Pharmacology</i> , 1994 , 264, 449-53	5.3	18
45	Addiction and cognitive functions. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1139, 299-306	6.5	17
44	Rewarding and aversive effects of ethanol: interplay of GABA, glutamate and dopamine. <i>Alcohol and Alcoholism Supplement</i> , 1993 , 2, 315-9		17
43	A robust, state-of-the-art amperometric microbiosensor for glutamate detection. <i>Biosensors and Bioelectronics</i> , 2014 , 61, 526-31	11.8	14
42	Modulation of dopaminergic terminal excitability by D1 selective agents. <i>Neuropharmacology</i> , 1989 , 28, 99-101	5.5	14
41	Suppression of voluntary alcohol intake in rats and alcoholics by gamma-hydroxybutyric acid: a non-GABAergic mechanism. <i>Advances in Biochemical Psychopharmacology</i> , 1992 , 47, 281-8		14
40	Transcranial Magnetic Stimulation: A review about its efficacy in the treatment of alcohol, tobacco and cocaine addiction. <i>Addictive Behaviors</i> , 2021 , 114, 106760	4.2	14
39	Alpha-lipoic acid reduces ethanol self-administration in rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2013 , 37, 1816-22	3.7	13

38	Dopamine Restores Limbic Memory Loss, Dendritic Spine Structure, and NMDAR-Dependent LTD in the Nucleus Accumbens of Alcohol-Withdrawn Rats. <i>Journal of Neuroscience</i> , 2019 , 39, 929-943	6.6	13
37	Wire electrodes for chronic single unit recording of dopamine cells in substantia nigra pars compacta of awake rats. <i>Journal of Neuroscience Methods</i> , 1987 , 21, 71-9	3	12
36	Ethanol-derived acetaldehyde: pleasure and pain of alcohol mechanism of action. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 87	3.5	11
35	Clonidine fails to modify dopaminergic neuronal activity during morphine withdrawal. <i>Psychopharmacology</i> , 2001 , 158, 1-6	4.7	11
34	Dopamine D1 heteroreceptors on striatonigral axons are not stimulated by endogeneous dopamine either tonically or after amphetamine: evidence from terminal excitability. <i>Experimental Brain Research</i> , 1989 , 77, 161-5	2.3	11
33	Electrophysiological Pharmacology of Mesencephalic Dopaminergic Neurons. <i>Handbook of Experimental Pharmacology</i> , 2002 , 1-61	3.2	11
32	Altered Mesolimbic Dopamine System in THC Dependence. <i>Current Neuropharmacology</i> , 2011 , 9, 200-4	7.6	10
31	Drugs of abuse and dopamine cell activity. <i>Advances in Pharmacology</i> , 1998 , 42, 998-1001	5.7	10
30	Modulation of dopaminergic terminal excitability by D1 selective agents: further characterization. <i>Neuroscience</i> , 1991 , 42, 441-9	3.9	10
29	Cyclo-oxygenase-inhibitors increase morphine effects on mesolimbic dopamine neurons. <i>European Journal of Pharmacology</i> , 2000 , 387, R1-3	5.3	9
28	Heterogeneous responses of substantia nigra pars reticulata neurons to gamma-hydroxybutyric acid administration. <i>European Journal of Pharmacology</i> , 1993 , 230, 363-5	5.3	9
27	The novel cannabinoid antagonist SM-11 reduces hedonic aspect of food intake through a dopamine-dependent mechanism. <i>Pharmacological Research</i> , 2016 , 113, 108-115	10.2	8
26	A Preliminary Investigation on Smokeless Tobacco Use and Its Cognitive Effects Among Athletes. <i>Frontiers in Pharmacology</i> , 2018 , 9, 216	5.6	8
25	Acute restraint stress prevents nicotine-induced mesolimbic dopaminergic activation via a corticosterone-mediated mechanism: a microdialysis study in the rat. <i>Drug and Alcohol Dependence</i> , 2013 , 127, 8-14	4.9	8
24	Ethanol Effects on Dopaminergic Reward Neurons in the Ventral Tegmental Area and the Mesolimbic Pathway. <i>Alcoholism: Clinical and Experimental Research</i> , 2004 , 28, 1768-1778	3.7	8
23	In situ forming biodegradable poly(E-caprolactone) microsphere systems: a challenge for transarterial embolization therapy. In vitro and preliminary ex vivo studies. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 453-465	8	7
22	The addicted brain. <i>Frontiers in Psychiatry</i> , 2013 , 4, 40	5	7
21	Clozapine does activate nigrostriatal dopamine neurons in unanesthetized rats. <i>European Journal of Pharmacology</i> , 1998 , 363, 135-8	5.3	7

20	Morphofunctional alterations in ventral tegmental area dopamine neurons in acute and prolonged opiates withdrawal. A computational perspective. <i>Neuroscience</i> , 2016 , 322, 195-207	3.9	6
19	Repetitive transcranial magnetic stimulation: Re-wiring the alcoholic human brain. <i>Alcohol</i> , 2019 , 74, 113-124	2.7	6
18	Opioid antagonists block acetaldehyde-induced increments in dopamine neurons activity. <i>Drug and Alcohol Dependence</i> , 2016 , 158, 172-6	4.9	5
17	Morphine withdrawal increases metabotropic glutamate 2/3 receptors expression in nucleus accumbens. <i>NeuroReport</i> , 2008 , 19, 911-4	1.7	5
16	Repeated naltrexone administration accelerates resolution of morphine somatic withdrawal signs in morphine-dependent rats. <i>European Journal of Pharmacology</i> , 1996 , 301, R9-10	5.3	5
15	Flunarizine attenuates cocaine-induced inhibition of A9 dopaminergic neurons. <i>Pharmacological Research</i> , 1991 , 24, 197-203	10.2	5
14	The hypodopaminergic state ten years after: transcranial magnetic stimulation as a tool to test the dopamine hypothesis of drug addiction. <i>Current Opinion in Pharmacology</i> , 2021 , 56, 61-67	5.1	5
13	The cyclo-oxygenase inhibitor nimesulide induces conditioned place preference in rats. <i>European Journal of Pharmacology</i> , 2000 , 406, 75-7	5.3	4
12	Gamma-hydroxybutyric acid (GHB) for treatment of ethanol dependence. <i>European Neuropsychopharmacology</i> , 1993 , 3, 224-225	1.2	4
11	Central Dopaminergic Mechanisms of Alcohol and Opiate Withdrawal Syndromes 1995 , 19-26		4
10	On the Accuracy of Ethanol and Acetaldehyde Monitoring, a Key Tile in. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 97	3.5	3
9	Nicotine-induced increase of dopaminergic mesoaccumbal neuron activity is prevented by acute restraint stress. In vivo electrophysiology in rats. <i>European Neuropsychopharmacology</i> , 2014 , 24, 1175-80 ^{1.2}		3
8	Dopaminergic Neurotransmission and Drug Withdrawal. <i>Advances in Behavioral Biology</i> , 1996 , 123-130		3
7	Chronic administration of l-sulpiride at low doses reduces A10 but not A9 somatodentritic dopamine autoreceptor sensitivity. <i>European Journal of Pharmacology</i> , 1996 , 312, 179-81	5.3	2
6	Increase in meso-prefrontal dopaminergic activity after stimulation of CB1 receptors by cannabinoids 1998 , 10, 2825		2
5	Cannabis and the Mesolimbic System 2016 , 795-803		1
4	New insights into methoxetamine mechanisms of action: Focus on serotonergic 5-HT receptors in pharmacological and behavioral effects in the rat. <i>Experimental Neurology</i> , 2021 , 345, 113836	5.7	0
3	SY02-5DOPAMINE HASTENS LTD IN THE NACC OF ETHANOL-DEPENDENT RATS. <i>Alcohol and Alcoholism</i> , 2015 , 50, i4.2-i4	3.5	

2 Electrophysiological Effects of Cannabinoids in the Basal Ganglia. *Advances in Behavioral Biology*, **2002**, 275-296

1 Dopamine D1 Receptors and Terminal Excitability in the Striatonigral and Nigrostriatal Systems. *Advances in Behavioral Biology*, **1991**, 249-258