

Francesco Leri

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

2,722
citations

201674

27
h-index

197818

49
g-index

101
all docs

101
docs citations

101
times ranked

3210
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding polydrug use: review of heroin and cocaine co-use. <i>Addiction</i> , 2003, 98, 7-22.	3.3	391
2	Blockade of Stress-Induced But Not Cocaine-Induced Reinstatement by Infusion of Noradrenergic Antagonists into the Bed Nucleus of the Stria Terminalis or the Central Nucleus of the Amygdala. <i>Journal of Neuroscience</i> , 2002, 22, 5713-5718.	3.6	265
3	MicroRNAs 146a/b-5 and 425-3p and 24-3p are markers of antidepressant response and regulate MAPK/Wnt-system genes. <i>Nature Communications</i> , 2017, 8, 15497.	12.8	144
4	Using latent class analysis (LCA) to analyze patterns of drug use in a population of illegal opioid users. <i>Drug and Alcohol Dependence</i> , 2007, 88, 1-8.	3.2	129
5	Discovering biomarkers for antidepressant response: protocol from the Canadian biomarker integration network in depression (CAN-BIND) and clinical characteristics of the first patient cohort. <i>BMC Psychiatry</i> , 2016, 16, 105.	2.6	114
6	Involvement of Arginine Vasopressin and V1b Receptor in Heroin Withdrawal and Heroin Seeking Precipitated by Stress and by Heroin. <i>Neuropsychopharmacology</i> , 2008, 33, 226-236.	5.4	79
7	The problem of axonal injury in the brains of veterans with histories of blast exposure. <i>Acta Neuropathologica Communications</i> , 2014, 2, 153.	5.2	77
8	Methadone Maintenance Reduces Heroin- and Cocaine-Induced Relapse without Affecting Stress-Induced Relapse in a Rodent Model of Poly-Drug Use. <i>Neuropsychopharmacology</i> , 2004, 29, 1312-1320.	5.4	73
9	Anhedonia as a central factor in depression: Neural mechanisms revealed from preclinical to clinical evidence. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 110, 110289.	4.8	65
10	The Relationship between Fatty Acids and Different Depression-Related Brain Regions, and Their Potential Role as Biomarkers of Response to Antidepressants. <i>Nutrients</i> , 2017, 9, 298.	4.1	61
11	Effects of Cocaine in Rats Exposed to Heroin. <i>Neuropsychopharmacology</i> , 2003, 28, 2102-2116.	5.4	60
12	The comparative effectiveness of electroencephalographic indices in predicting response to escitalopram therapy in depression: A pilot study. <i>Journal of Affective Disorders</i> , 2018, 227, 542-549.	4.1	59
13	Ultra-low-dose naltrexone reduces the rewarding potency of oxycodone and relapse vulnerability in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 252-262.	2.9	56
14	Effects of High-Dose Methadone Maintenance on Cocaine Place Conditioning, Cocaine Self-Administration, and Mu-Opioid Receptor mRNA Expression in the Rat Brain. <i>Neuropsychopharmacology</i> , 2006, 31, 1462-1474.	5.4	53
15	Drug-induced reinstatement to heroin and cocaine seeking: A rodent model of relapse in polydrug use.. <i>Experimental and Clinical Psychopharmacology</i> , 2001, 9, 297-306.	1.8	48
16	Heroin and cocaine co-use in a group of injection drug users in Montréal. <i>Journal of Psychiatry and Neuroscience</i> , 2004, 29, 40-7.	2.4	47
17	FAAH inhibitor, URB-597, promotes extinction and CB1 antagonist, SR141716, inhibits extinction of conditioned aversion produced by naloxone-precipitated morphine withdrawal, but not extinction of conditioned preference produced by morphine in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 94, 154-162.	2.9	44
18	Inactivation of the ventromedial prefrontal cortex mimics re-emergence of heroin seeking caused by heroin reconditioning. <i>Neuroscience Letters</i> , 2008, 444, 52-55.	2.1	43

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19	Oral gavage in rats: animal welfare evaluation. Journal of the American Association for Laboratory Animal Science, 2012, 51, 25-30.	1.2	39
20	Steady-state methadone blocks cocaine seeking and cocaine-induced gene expression alterations in the rat brain. European Neuropsychopharmacology, 2009, 19, 238-249.	0.7	36
21	Integrated genome-wide methylation and expression analyses reveal functional predictors of response to antidepressants. Translational Psychiatry, 2019, 9, 254.	4.8	33
22	The consequences of different "lapses" on relapse to heroin seeking in rats.. Experimental and Clinical Psychopharmacology, 2002, 10, 339-349.	1.8	31
23	Individual differences in gene expression of vasopressin, D2 receptor, POMC and orexin: Vulnerability to relapse to heroin-seeking in rats. Physiology and Behavior, 2015, 139, 127-135.	2.1	30
24	Patterns of opioid and cocaine co-use: A descriptive study in a Canadian sample of untreated opioid-dependent individuals.. Experimental and Clinical Psychopharmacology, 2005, 13, 303-310.	1.8	28
25	Reconditioning of heroin place preference requires the basolateral amygdala. Pharmacology Biochemistry and Behavior, 2005, 82, 300-305.	2.9	28
26	Neuroscience of opiates for addiction medicine. Progress in Brain Research, 2016, 223, 237-251.	1.4	28
27	Learning impairments caused by lesions to the pedunclopontine tegmental nucleus: an artifact of anxiety?. Brain Research, 1998, 807, 187-192.	2.2	27
28	Reconditioning of drug-related cues: A potential contributor to relapse after drug reexposure. Pharmacology Biochemistry and Behavior, 2005, 80, 621-630.	2.9	27
29	Effects of diazepam on conditioned place preference induced by morphine or amphetamine in the rat. Psychopharmacology, 2000, 150, 351-360.	3.1	25
30	Fructose:Glucose Ratiosâ€”A Study of Sugar Self-Administration and Associated Neural and Physiological Responses in the Rat. Nutrients, 2015, 7, 3869-3890.	4.1	25
31	High-Dose Methadone Maintenance in Rats: Effects on Cocaine Self-Administration and Behavioral Side Effects. Neuropsychopharmacology, 2007, 32, 2290-2300.	5.4	22
32	Suppression of Hypothalamicâ€”Pituitaryâ€”Adrenal Axis by Acute Heroin Challenge in Rats During Acute and Chronic Withdrawal from Chronic Heroin Administration. Neurochemical Research, 2013, 38, 1850-1860.	3.3	22
33	Reacquisition of heroin and cocaine place preference involves a memory consolidation process sensitive to systemic and intra-ventral tegmental area naloxone. Neurobiology of Learning and Memory, 2010, 93, 248-260.	1.9	21
34	Effects of post-training heroin and d-amphetamine on consolidation of win-stay learning and fear conditioning. Journal of Psychopharmacology, 2013, 27, 292-301.	4.0	20
35	Reinstatement of conditioned reinforcing properties of cocaine-conditioned stimuli. Pharmacology Biochemistry and Behavior, 2006, 83, 540-546.	2.9	18
36	The consequences of different "lapses" on relapse to heroin seeking in rats.. Experimental and Clinical Psychopharmacology, 2002, 10, 339-349.	1.8	17

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37	Predicting Worsening Suicidal Ideation With Clinical Features and Peripheral Expression of Messenger RNA and MicroRNA During Antidepressant Treatment. <i>Journal of Clinical Psychiatry</i> , 2019, 80, .	2.2	16
38	Unreinforced responding during limited access to heroin self-administration. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 420-427.	2.9	15
39	Effect of food restriction on cocaine locomotor sensitization in Spragueâ€Dawley rats. <i>Psychopharmacology</i> , 2013, 226, 571-578.	3.1	14
40	Long Term Physiologic and Behavioural Effects of Housing Density and Environmental Resource Provision for Adult Male and Female Sprague Dawley Rats. <i>Animals</i> , 2017, 7, 44.	2.3	14
41	Cocaine, nicotine, and their conditioned contexts enhance consolidation of object memory in rats. <i>Learning and Memory</i> , 2019, 26, 46-55.	1.3	14
42	Dietary n-6/n-3 Ratio Influences Brain Fatty Acid Composition in Adult Rats. <i>Nutrients</i> , 2020, 12, 1847.	4.1	14
43	Sex differences in the effect of bupropion and naltrexone combination on alcohol drinking in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 181, 28-36.	2.9	13
44	Modulation of object memory consolidation by heroin and heroin-conditioned stimuli: Role of opioid and noradrenergic systems. <i>European Neuropsychopharmacology</i> , 2020, 33, 146-157.	0.7	13
45	Antidepressant-like effects of paroxetine are produced by lower doses than those which produce nausea. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 190-195.	2.9	12
46	Enhancing effect of heroin on social recognition learning in male Spragueâ€Dawley rats: modulation by heroin pre-exposure. <i>Psychopharmacology</i> , 2009, 204, 413-421.	3.1	12
47	Oxycodone dose-dependently imparts conditioned reinforcing properties to discrete sensory stimuli in rats. <i>Pharmacological Research</i> , 2011, 64, 364-370.	7.1	12
48	Opioid withdrawal and memory consolidation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 114, 16-24.	6.1	12
49	Drugs of abuse as memory modulators: a study of cocaine in rats. <i>Psychopharmacology</i> , 2014, 231, 2339-2348.	3.1	11
50	Alterations of naltrexone-induced conditioned place avoidance by pre-exposure to high fructose corn syrup or heroin in Spragueâ€Dawley rats. <i>Psychopharmacology</i> , 2016, 233, 425-433.	3.1	11
51	Safflower (n-6) and flaxseed (n-3) high-fat diets differentially regulate hypothalamic fatty acid profiles, gene expression, and insulin signalling. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 128, 67-73.	2.2	11
52	Oleoyl alanine (HU595): a stable monomethylated oleoyl glycine interferes with acute naloxone precipitated morphine withdrawal in male rats. <i>Psychopharmacology</i> , 2020, 237, 2753-2765.	3.1	11
53	Diazepam in the ventral striatum dissociates dopamine-dependent and dopamine-independent place conditioning. <i>NeuroReport</i> , 2000, 11, 2553-2556.	1.2	10
54	Treatment-like steady-state methadone in rats interferes with incubation of cocaine sensitization and associated alterations in gene expression. <i>European Neuropsychopharmacology</i> , 2012, 22, 143-152.	0.7	9

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55	Spontaneous and Naloxone-Precipitated Withdrawal Behaviors From Chronic Opiates are Accompanied by Changes in N-Oleoylglycine and N-Oleoylalanine Levels in the Brain and Ameliorated by Treatment With These Mediators. <i>Frontiers in Pharmacology</i> , 2021, 12, 706703.	3.5	9
56	Effects of single compared with pair housing on hypothalamic-pituitary-adrenal axis activity and low-dose heroin place conditioning in adult male Sprague-Dawley rats. <i>Journal of the American Association for Laboratory Animal Science</i> , 2014, 53, 161-7.	1.2	9
57	Memory of a drug lapse: Role of noradrenaline. <i>Neuropharmacology</i> , 2015, 99, 98-105.	4.1	8
58	An exploration of the aversive properties of 2-deoxy-D-glucose in rats. <i>Psychopharmacology</i> , 2018, 235, 3055-3063.	3.1	8
59	Bupropion and naltrexone combination alters high fructose corn syrup self-administration and gene expression in rats. <i>Neuropharmacology</i> , 2018, 135, 547-554.	4.1	8
60	The effects of morphine withdrawal and conditioned withdrawal on memory consolidation and Fos expression in the central amygdala. <i>Addiction Biology</i> , 2021, 26, e12909.	2.6	8
61	Diazepam modifies the effect of pedunculopontine lesions on morphine but not on amphetamine conditioned place preference. <i>Behavioural Brain Research</i> , 2000, 117, 21-27.	2.2	7
62	Co-administration of opioid agonists and antagonists in addiction and pain medicine. <i>Expert Opinion on Pharmacotherapy</i> , 2008, 9, 1387-1396.	1.8	7
63	Effect of acute and repeated cocaine exposure on response matching capabilities of Sprague-Dawley rats responding for sucrose on concurrent schedules of reinforcement. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 96-103.	2.9	7
64	Nitric oxide and histone deacetylases modulate cocaine-induced mu-opioid receptor levels in PC12 cells. <i>BMC Pharmacology & Toxicology</i> , 2012, 13, 11.	2.4	7
65	Co-sensitivity to the incentive properties of palatable food and cocaine in rats; implications for co-morbid addictions. <i>Addiction Biology</i> , 2013, 18, 763-773.	2.6	7
66	The Effect Of Heroin Dependence On Resumption Of Heroin Self-Administration In Rats. <i>Drug and Alcohol Dependence</i> , 2014, 138, 24-31.	3.2	7
67	A Multifaceted Analysis of Oxycodone Addiction. <i>International Journal of Mental Health and Addiction</i> , 2018, 16, 1016-1032.	7.4	7
68	Memory enhancing effects of nicotine, cocaine, and their conditioned stimuli; effects of beta-adrenergic and dopamine D2 receptor antagonists. <i>Psychopharmacology</i> , 2021, 238, 2617-2628.	3.1	7
69	Clinical and Preclinical Assessments of Anhedonia in Psychiatric Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 3-21.	1.7	7
70	Perseveration in the presence of punishment: The effects of chronic cocaine exposure and lesions to the prefrontal cortex. <i>Behavioural Brain Research</i> , 2014, 261, 185-192.	2.2	6
71	Relationship Between Drug Dreams, Affect, and Craving During Treatment for Substance Dependence. <i>Journal of Addiction Medicine</i> , 2015, 9, 123-129.	2.6	6
72	Fos expression in mesocorticolimbic areas during heroin place conditioning. <i>NeuroReport</i> , 2008, 19, 63-67.	1.2	5

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73	The effects of acute and chronic steady state methadone on memory retrieval in rats. Psychopharmacology, 2012, 222, 225-235.	3.1	5
74	Effect of yohimbine stress on reacquisition of oxycodone seeking in rats. Psychopharmacology, 2012, 222, 247-255.	3.1	5
75	The combination of escitalopram and aripiprazole: Investigation of psychomotor effects in rats. Journal of Psychopharmacology, 2017, 31, 1605-1614.	4.0	5
76	Effect of steady-state methadone on high fructose corn syrup consumption in rats. Journal of Psychopharmacology, 2018, 32, 215-222.	4.0	5
77	The role of neuronal nitric oxide synthase in cocaine place preference and mu opioid receptor expression in the nucleus accumbens. Psychopharmacology, 2018, 235, 2675-2685.	3.1	5
78	Analysis of memory modulation by conditioned stimuli. Learning and Memory, 2021, 28, 87-94.	1.3	5
79	A Novel Procedure for Evaluating the Reinforcing Properties of Tastants in Laboratory Rats: Operant Intraoral Self-administration. Journal of Visualized Experiments, 2014, , e50956.	0.3	5
80	Cue-induced renewal of heroin place preference. NeuroReport, 2014, 25, 297-302.	1.2	4
81	Tribute to: Self-administered nicotine activates the mesolimbic dopamine system through the ventral tegmental area [William Corrigall, Kathleen Coen and Laurel Adamson, Brain Res. 653 (1994) 278â€“284]. Brain Research, 2016, 1645, 61-64.	2.2	4
82	Effects of combined escitalopram and aripiprazole in rats: role of the 5-HT1a receptor. Psychopharmacology, 2019, 236, 2273-2281.	3.1	4
83	Reverse translation of major depressive disorder symptoms: A framework for the behavioural phenotyping of putative biomarkers. Journal of Affective Disorders, 2020, 263, 353-366.	4.1	4
84	Effects of high fructose corn syrup on ethanol self-administration in rats. Alcohol, 2020, 87, 79-88.	1.7	4
85	High fructose corn syrup alters behavioural and neurobiological responses to oxycodone in rats. Pharmacology Biochemistry and Behavior, 2021, 205, 173189.	2.9	4
86	Effects of inescapable stress on responses to social incentive stimuli and modulation by escitalopram. Psychopharmacology, 2021, 238, 3239-3247.	3.1	4
87	Extended amygdala, conditioned withdrawal and memory consolidation. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 113, 110435.	4.8	4
88	Effect of post-training administration of cocaine, diazepam and their combination on a win-stay task. Pharmacology Biochemistry and Behavior, 2014, 116, 69-74.	2.9	3
89	An Exploration of Responses to Drug Conditioned Stimuli during Treatment for Substance Dependence. Journal of Addiction, 2013, 2013, 1-11.	0.9	2
90	A study of limbic brain derived neurotrophic factor gene expression in male Sprague-Dawley rats trained on a learned helplessness task. Behavioural Brain Research, 2019, 376, 112174.	2.2	2

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91	Impact of impaired glucose metabolism on responses to a psychophysical stressor: modulation by ketamine. Psychopharmacology, 2021, 238, 1005-1015.	3.1	2
92	Inhibition of noradrenergic and corticotrophin-releasing factor systems: Effects on enhancement of memory consolidation by unconditioned and conditioned heroin withdrawal. Neuropharmacology, 2022, 209, 109018.	4.1	2
93	Animal studies trigger new insights on the use of methadone maintenance. Expert Opinion on Drug Discovery, 2009, 4, 577-586.	5.0	1
94	Excitotoxic lesions to the prefrontal cortex of Spragueâ€Dawley rats do not impair response matching. Neuroscience Letters, 2011, 495, 30-34.	2.1	1
95	Opiate Self-Administration. Neuromethods, 2011, , 83-100.	0.3	1
96	Ultra-Low-Dose Naltrexone Decreases Dependence and Addictive Properties of Opioids. , 2009, , 247-261.		1
97	Conditioned anti-immobility by ketamine: A comparison to escitalopram and bupropion.. Experimental and Clinical Psychopharmacology, 2023, 31, 350-361.	1.8	1
98	F107. Cortical Thickness Features Differentiate 16-Week Antidepressant Response Profiles in Major Depressive Disorder. Biological Psychiatry, 2019, 85, S254.	1.3	0
99	Evidence of hypoglycemic anhedonia and modulation by bupropion in rats. Pharmacology Biochemistry and Behavior, 2021, 203, 173120.	2.9	0
100	Effect of ketamine on the physiological responses to combined hypoglycemic and psychophysical stress. IBRO Neuroscience Reports, 2021, 11, 81-87.	1.6	0