

Olivier George

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

5,041
citations

94269

37
h-index

102304

66
g-index

123
all docs

123
docs citations

123
times ranked

4864
citing authors

#	ARTICLE	IF	CITATIONS
1	Addiction as a stress surfeit disorder. <i>Neuropharmacology</i> , 2014, 76, 370-382.	2.0	415
2	Individual differences in prefrontal cortex function and the transition from drug use to drug dependence. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 232-247.	2.9	287
3	CRF ¹ system activation mediates withdrawal-induced increases in nicotine self-administration in nicotine-dependent rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17198-17203.	3.3	223
4	Recruitment of medial prefrontal cortex neurons during alcohol withdrawal predicts cognitive impairment and excessive alcohol drinking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18156-18161.	3.3	203
5	Glucocorticoid receptor antagonism decreases alcohol seeking in alcohol-dependent individuals. <i>Journal of Clinical Investigation</i> , 2015, 125, 3193-3197.	3.9	184
6	Allostasis and addiction: Role of the dopamine and corticotropin-releasing factor systems. <i>Physiology and Behavior</i> , 2012, 106, 58-64.	1.0	150
7	Extended Access to Cocaine Self-Administration Produces Long-Lasting Prefrontal Cortex-Dependent Working Memory Impairments. <i>Neuropsychopharmacology</i> , 2008, 33, 2474-2482.	2.8	149
8	VTA CRF neurons mediate the aversive effects of nicotine withdrawal and promote intake escalation. <i>Nature Neuroscience</i> , 2014, 17, 1751-1758.	7.1	124
9	Increased CRF signalling in a ventral tegmental area-interpeduncular nucleus-medial habenula circuit induces anxiety during nicotine withdrawal. <i>Nature Communications</i> , 2015, 6, 6770.	5.8	124
10	Phasic D1 and tonic D2 dopamine receptor signaling double dissociate the motivational effects of acute nicotine and chronic nicotine withdrawal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3101-3106.	3.3	110
11	Long-Term Antagonism of μ Opioid Receptors Prevents Escalation of and Increased Motivation for Heroin Intake. <i>Journal of Neuroscience</i> , 2013, 33, 19384-19392.	1.7	107
12	A Transgenic Rat for Investigating the Anatomy and Function of Corticotrophin Releasing Factor Circuits. <i>Frontiers in Neuroscience</i> , 2015, 9, 487.	1.4	107
13	Inactivation of a CRF-dependent amygdalofugal pathway reverses addiction-like behaviors in alcohol-dependent rats. <i>Nature Communications</i> , 2019, 10, 1238.	5.8	106
14	A Role for the Endocannabinoid System in the Increased Motivation for Cocaine in Extended-Access Conditions. <i>Journal of Neuroscience</i> , 2009, 29, 4846-4857.	1.7	97
15	Recruitment of a Neuronal Ensemble in the Central Nucleus of the Amygdala Is Required for Alcohol Dependence. <i>Journal of Neuroscience</i> , 2016, 36, 9446-9453.	1.7	96
16	Levels of Neural Progenitors in the Hippocampus Predict Memory Impairment and Relapse to Drug Seeking as a Function of Excessive Methamphetamine Self-Administration. <i>Neuropsychopharmacology</i> , 2012, 37, 1275-1287.	2.8	92
17	Individual differences in the neuropsychopathology of addiction. <i>Dialogues in Clinical Neuroscience</i> , 2017, 19, 217-229.	1.8	81
18	Robust Escalation of Nicotine Intake with Extended Access to Nicotine Self-Administration and Intermittent Periods of Abstinence. <i>Neuropsychopharmacology</i> , 2012, 37, 2153-2160.	2.8	78

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19	Motherhood-induced memory improvement persists across lifespan in rats but is abolished by a gestational stress. <i>European Journal of Neuroscience</i> , 2006, 23, 3368-3374.	1.2	73
20	Negative reinforcement via motivational withdrawal is the driving force behind the transition to addiction. <i>Psychopharmacology</i> , 2014, 231, 3911-3917.	1.5	72
21	Genetic and Pharmacologic Manipulation of TLR4 Has Minimal Impact on Ethanol Consumption in Rodents. <i>Journal of Neuroscience</i> , 2017, 37, 1139-1155.	1.7	72
22	Voluntary urination control by brainstem neurons that relax the urethral sphincter. <i>Nature Neuroscience</i> , 2018, 21, 1229-1238.	7.1	72
23	Chronic Nicotine Activates Stress/Reward-Related Brain Regions and Facilitates the Transition to Compulsive Alcohol Drinking. <i>Journal of Neuroscience</i> , 2015, 35, 6241-6253.	1.7	67
24	Brain-wide functional architecture remodeling by alcohol dependence and abstinence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2149-2159.	3.3	66
25	Extended access to nicotine leads to a CRF ₁ receptor dependent increase in anxiety-like behavior and hyperalgesia in rats. <i>Addiction Biology</i> , 2015, 20, 56-68.	1.4	65
26	Control of craving by the prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4165-4166.	3.3	61
27	μ Opioid Receptors in the Nucleus Accumbens Shell Mediate Escalation of Methamphetamine Intake. <i>Journal of Neuroscience</i> , 2015, 35, 4296-4305.	1.7	59
28	Gene expression changes consistent with neuroAIDS and impaired working memory in HIV-1 transgenic rats. <i>Molecular Neurodegeneration</i> , 2014, 9, 26.	4.4	58
29	Varenicline blocks nicotine intake in rats with extended access to nicotine self-administration. <i>Psychopharmacology</i> , 2011, 213, 715-722.	1.5	53
30	Animal Models of Nicotine Exposure: Relevance to Second-Hand Smoking, Electronic Cigarette Use, and Compulsive Smoking. <i>Frontiers in Psychiatry</i> , 2013, 4, 41.	1.3	53
31	Individual differences in cognitive aging: implication of pregnenolone sulfate. <i>Progress in Neurobiology</i> , 2003, 71, 43-48.	2.8	51
32	Compulsive-Like Sufentanil Vapor Self-Administration in Rats. <i>Neuropsychopharmacology</i> , 2018, 43, 801-809.	2.8	51
33	Hippocampal neurogenesis protects against cocaine-primed relapse. <i>Addiction Biology</i> , 2014, 19, 562-574.	1.4	46
34	Neurosteroids and cholinergic systems: implications for sleep and cognitive processes and potential role of age-related changes. <i>Psychopharmacology</i> , 2006, 186, 402-413.	1.5	44
35	Exposure to chronic intermittent nicotine vapor induces nicotine dependence. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 104-107.	1.3	44
36	High-Frequency Stimulation of the Subthalamic Nucleus Blocks Compulsive-Like Re-Escalation of Heroin Taking in Rats. <i>Neuropsychopharmacology</i> , 2017, 42, 1850-1859.	2.8	43

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37	Intermittent Access to Ethanol Drinking Facilitates the Transition to Excessive Drinking After Chronic Intermittent Ethanol Vapor Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1502-1509.	1.4	43
38	Dynorphin Counteracts Orexin in the Paraventricular Nucleus of the Thalamus: Cellular and Behavioral Evidence. <i>Neuropsychopharmacology</i> , 2018, 43, 1010-1020.	2.8	43
39	Systemic and Intra-Habenular Activation of the Orphan G Protein-Coupled Receptor GPR139 Decreases Compulsive-Like Alcohol Drinking and Hyperalgesia in Alcohol-Dependent Rats. <i>ENeuro</i> , 2018, 5, ENEURO.0153-18.2018.	0.9	43
40	Nicotine vapor inhalation escalates nicotine self-administration. <i>Addiction Biology</i> , 2014, 19, 587-592.	1.4	42
41	Alcohol Dependence Disrupts Amygdalar L-Type Voltage-Gated Calcium Channel Mechanisms. <i>Journal of Neuroscience</i> , 2017, 37, 4593-4603.	1.7	40
42	Validation of a nicotine vapor self-administration model in rats with relevance to electronic cigarette use. <i>Neuropsychopharmacology</i> , 2020, 45, 1909-1919.	2.8	40
43	<sc>CRF</sc> ₁ Receptor-Dependent Increases in Irritability-Like Behavior During Abstinence from Chronic Intermittent Ethanol Vapor Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1886-1895.	1.4	39
44	Depletion of the Microbiome Alters the Recruitment of Neuronal Ensembles of Oxycodone Intoxication and Withdrawal. <i>ENeuro</i> , 2020, 7, ENEURO.0312-19.2020.	0.9	39
45	Cebranopadol Blocks the Escalation of Cocaine Intake and Conditioned Reinstatement of Cocaine Seeking in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 378-384.	1.3	37
46	Oxycodone self-administration and withdrawal behaviors in male and female Wistar rats. <i>Psychopharmacology</i> , 2020, 237, 1545-1555.	1.5	37
47	Voluntary induction and maintenance of alcohol dependence in rats using alcohol vapor self-administration. <i>Psychopharmacology</i> , 2017, 234, 2009-2018.	1.5	36
48	Subthalamic nucleus high frequency stimulation prevents and reverses escalated cocaine use. <i>Molecular Psychiatry</i> , 2018, 23, 2266-2276.	4.1	35
49	Nociceptin attenuates the escalation of oxycodone self-administration by normalizing CeA GABA transmission in highly addicted rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2140-2148.	3.3	35
50	Neuropeptide <sc>YY</sc> ₂ <sc>R</sc> blockade in the central amygdala reduces anxiety-like behavior but not alcohol drinking in alcohol-dependent rats. <i>Addiction Biology</i> , 2014, 19, 755-757.	1.4	34
51	Chronic exposure of rats to noise: Relationship between long-term memory deficits and slow wave sleep disturbances. <i>Behavioural Brain Research</i> , 2006, 171, 303-312.	1.2	33
52	Median and Dorsal Raphe Serotonergic Neurons Control Moderate Versus Compulsive Cocaine Intake. <i>Biological Psychiatry</i> , 2018, 83, 1024-1035.	0.7	33
53	Dopamine D1 and μ -opioid receptor antagonism blocks anticipatory 50 kHz ultrasonic vocalizations induced by palatable food cues in Wistar rats. <i>Psychopharmacology</i> , 2014, 231, 929-937.	1.5	32
54	Dopamine D3 Receptor Antagonism Reverses the Escalation of Oxycodone Self-administration and Decreases Withdrawal-Induced Hyperalgesia and Irritability-Like Behavior in Oxycodone-Dependent Heterogeneous Stock Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 292.	1.0	32

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55	Insula to ventral striatal projections mediate compulsive eating produced by intermittent access to palatable food. <i>Neuropsychopharmacology</i> , 2020, 45, 579-588.	2.8	31
56	Low Brain Allopregnanolone Levels Mediate Flattened Circadian Activity Associated with Memory Impairments in Aged Rats. <i>Biological Psychiatry</i> , 2010, 68, 956-963.	0.7	30
57	Extended access nicotine self-administration with periodic deprivation increases immature neurons in the hippocampus. <i>Psychopharmacology</i> , 2015, 232, 453-463.	1.5	29
58	Cortical and amygdalar neuronal ensembles in alcohol seeking, drinking and withdrawal. <i>Neuropharmacology</i> , 2017, 122, 107-114.	2.0	29
59	Anticipatory 50kHz ultrasonic vocalizations are associated with escalated alcohol intake in dependent rats. <i>Behavioural Brain Research</i> , 2014, 271, 171-176.	1.2	24
60	Adolescent cannabinoid exposure induces irritability-like behavior and cocaine cross-sensitization without affecting the escalation of cocaine self-administration in adulthood. <i>Scientific Reports</i> , 2018, 8, 13893.	1.6	23
61	An enzymatic approach reverses nicotine dependence, decreases compulsive-like intake, and prevents relapse. <i>Science Advances</i> , 2018, 4, eaat4751.	4.7	22
62	Glucocorticoid receptor modulators decrease alcohol self-administration in male rats. <i>Neuropharmacology</i> , 2021, 188, 108510.	2.0	22
63	Characterization of the Brain Functional Architecture of Psychostimulant Withdrawal Using Single-Cell Whole-Brain Imaging. <i>ENeuro</i> , 2021, 8, ENEURO.0208-19.2021.	0.9	21
64	Effects of the specific $\alpha 4\beta 2$ nAChR antagonist, 2-fluoro-3-(4-nitrophenyl) deschloroepibatidine, on nicotine reward-related behaviors in rats and mice. <i>Psychopharmacology</i> , 2012, 223, 159-168.	1.5	20
65	Drugs and Bugs: The Gut-Brain Axis and Substance Use Disorders. <i>Journal of NeuroImmune Pharmacology</i> , 2022, 17, 33-61.	2.1	19
66	New insights into the role of neuroactive steroids in cognitive aging. <i>Experimental Gerontology</i> , 2004, 39, 1695-1704.	1.2	18
67	An enzymatic advance in nicotine cessation therapy. <i>Chemical Communications</i> , 2018, 54, 1686-1689.	2.2	18
68	Sleep-wake states and cortical synchronization control by pregnenolone sulfate into the pedunculopontine nucleus. <i>Journal of Neuroscience Research</i> , 2004, 76, 742-747.	1.3	17
69	Increases in compulsivity, inflammation, and neural injury in HIV transgenic rats with escalated methamphetamine self-administration under extended-access conditions. <i>Brain Research</i> , 2020, 1726, 146502.	1.1	17
70	Cannabidiol reduces withdrawal symptoms in nicotine-dependent rats. <i>Psychopharmacology</i> , 2021, 238, 2201-2211.	1.5	16
71	The Cocaine and Oxycodone Biobanks, Two Repositories from Genetically Diverse and Behaviorally Characterized Rats for the Study of Addiction. <i>ENeuro</i> , 2021, 8, ENEURO.0033-21.2021.	0.9	16
72	Self-administered nicotine increases fat metabolism and suppresses weight gain in male rats. <i>Psychopharmacology</i> , 2018, 235, 1131-1140.	1.5	15

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73	Exposure to passive nicotine vapor in male adolescent rats produces a withdrawal-like state and facilitates nicotine self-administration during adulthood. <i>European Neuropsychopharmacology</i> , 2019, 29, 1227-1234.	0.3	15
74	Effects of the combination of metyrapone and oxazepam on intravenous nicotine self-administration in rats. <i>Psychopharmacology</i> , 2012, 223, 17-25.	1.5	13
75	Virus-Mediated shRNA Knockdown of Prodynorphin in the Rat Nucleus Accumbens Attenuates Depression-Like Behavior and Cocaine Locomotor Sensitization. <i>PLoS ONE</i> , 2014, 9, e97216.	1.1	12
76	Inhibition of Glyoxalase 1 reduces alcohol self-administration in dependent and nondependent rats. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 167, 36-41.	1.3	11
77	The Hidden Brain: Uncovering Previously Overlooked Brain Regions by Employing Novel Preclinical Unbiased Network Approaches. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 595507.	1.2	11
78	Individual differences in addiction-like behaviors and choice between cocaine versus food in Heterogeneous Stock rats. <i>Psychopharmacology</i> , 2021, 238, 3423-3433.	1.5	11
79	Deep brain stimulation of the nucleus accumbens shell attenuates cocaine withdrawal but increases cocaine self-administration, cocaine-induced locomotor activity, and GluR1/GluA1 in the central nucleus of the amygdala in male cocaine-dependent rats. <i>Brain Stimulation</i> , 2022, 15, 13-22.	0.7	11
80	Smad-dependent alterations of PPT cholinergic neurons as a pathophysiological mechanism of age-related sleep-dependent memory impairments. <i>Neurobiology of Aging</i> , 2006, 27, 1848-1858.	1.5	10
81	Advances in smoking cessation pharmacotherapy: Non-nicotinic approaches in animal models. <i>Neuropharmacology</i> , 2020, 178, 108225.	2.0	9
82	Deletion of $\alpha 5$ nicotine receptor subunits abolishes nicotinic aversive motivational effects in a manner that phenocopies dopamine receptor antagonism. <i>European Journal of Neuroscience</i> , 2017, 46, 1673-1681.	1.2	8
83	Nicotine Vapor Method to Induce Nicotine Dependence in Rodents. <i>Current Protocols in Neuroscience</i> , 2017, 80, 8.41.1-8.41.10.	2.6	8
84	Role of corticotropin-releasing factor in alcohol and nicotine addiction. <i>Brain Research</i> , 2020, 1740, 146850.	1.1	8
85	Factors contributing to the escalation of alcohol consumption. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 730-756.	2.9	8
86	Glucocorticoid Receptor-Regulated Enhancers Play a Central Role in the Gene Regulatory Networks Underlying Drug Addiction. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	7
87	Craving, context and the cortex. <i>Nature Neuroscience</i> , 2011, 14, 409-410.	7.1	5
88	Chronic voluntary caffeine intake in male Wistar rats reveals individual differences in addiction-like behavior. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 191, 172880.	1.3	5
89	Leptin Protects Against the Development and Expression of Cocaine Addiction-Like Behavior in Heterogeneous Stock Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 832899.	1.0	5
90	Systemic Administration of the Cyclin-Dependent Kinase Inhibitor (S) α CR8 Selectively Reduces Escalated Ethanol Intake in Dependent Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 2079-2089.	1.4	4

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91	Effects of single and dual hypocretin-receptor blockade or knockdown of hypocretin projections to the central amygdala on alcohol drinking in dependent male rats. <i>Addiction Neuroscience</i> , 2022, 3, 100028.	0.4	4
92	Overview of Nicotine Withdrawal and Negative Reinforcement (Preclinical). , 2017, , 1-20.		3
93	Administration of BDNF in the ventral tegmental area produces a switch from a nicotineâ€nonâ€dependent D1Râ€mediated motivational state to a nicotineâ€dependentâ€like D2Râ€mediated motivational state. <i>European Journal of Neuroscience</i> , 2022, 55, 714-724.	1.2	3
94	Alcoholics Anonymous. <i>JAMA - Journal of the American Medical Association</i> , 1976, 236, 1505.	3.8	2
95	Optogenetic characterization of CeA CRF pathways in alcohol dependence. <i>Alcohol</i> , 2017, 60, 235.	0.8	2
96	Microstructural meal pattern analysis reveals a paradoxical acute increase in food intake after nicotine despite its long-term anorexigenic effects. <i>Psychopharmacology</i> , 2022, 239, 807-818.	1.5	2
97	How nicotine withdrawal symptoms fight each other: interpeduncular GABA neuron activity dynamically controls negative affect vs. coping behavior. <i>Neuropsychopharmacology</i> , 2022, 47, 617-618.	2.8	1
98	Negative Reinforcement Mechanisms in Addiction. , 2019, , 179-188.		0
99	Addiction and corticotropin-releasing factor: from the amygdala to the prefrontal cortex and beyond. <i>Intrinsic Activity</i> , 2016, 4, A13.9.	0.0	0