# Olivier George

List of Publications by Year
in descending order

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|---|---|---|---|
| 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 | How nicotine withdrawal symptoms fight each other: interpeduncular GABA neuron activity dynamically controls negative affect vs. coping behavior. Neuropsychopharmacology, 2022, 47, 617-618. | 2.8 | 1 |
| 2 | Drugs and Bugs: The Gut-Brain Axis and Substance Use Disorders. Journal of NeuroImmune Pharmacology, 2022, 17, 33-61. | 2.1 | 19 |
| 3 | 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. Brain Stimulation, 2022, 15, 13-22. | 0.7 | 11 |
| 4 | Factors contributing to the escalation of alcohol consumption. Neuroscience and Biobehavioral Reviews, 2022, 132, 730-756. | 2.9 | 8 |
| 5 | 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. European Journal of Neuroscience, 2022, 55, 714-724. | 1.2 | 3 |
| 6 | Microstructural meal pattern analysis reveals a paradoxical acute increase in food intake after nicotine despite its long-term anorexigenic effects. Psychopharmacology, 2022, 239, 807-818. | 1.5 | 2 |
| 7 | Leptin Protects Against the Development and Expression of Cocaine Addiction-Like Behavior in Heterogeneous Stock Rats. Frontiers in Behavioral Neuroscience, 2022, 16, 832899. | 1.0 | 5 |
| 8 | Glucocorticoid Receptor-Regulated Enhancers Play a Central Role in the Gene Regulatory Networks Underlying Drug Addiction. Frontiers in Neuroscience, 2022, 16, . | 1.4 | 7 |
| 9 | Effects of single and dual hypocretin-receptor blockade or knockdown of hypocretin projections to the central amygdala on alcohol drinking in dependent male rats. Addiction Neuroscience, 2022, 3, 100028. | 0.4 | 4 |
| 10 | Cannabidiol reduces withdrawal symptoms in nicotine-dependent rats. Psychopharmacology, 2021, 238, 2201-2211. | 1.5 | 16 |
| 11 | The Cocaine and Oxycodone Biobanks, Two Repositories from Genetically Diverse and Behaviorally Characterized Rats for the Study of Addiction. ENeuro, 2021, 8, ENEURO.0033-21.2021. | 0.9 | 16 |
| 12 | The Hidden Brain: Uncovering Previously Overlooked Brain Regions by Employing Novel Preclinical Unbiased Network Approaches. Frontiers in Systems Neuroscience, 2021, 15, 595507. | 1.2 | 11 |
| 13 | Glucocorticoid receptor modulators decrease alcohol self-administration in male rats. Neuropharmacology, 2021, 188, 108510. | 2.0 | 22 |
| 14 | Individual differences in addiction-like behaviors and choice between cocaine versus food in Heterogeneous Stock rats. Psychopharmacology, 2021, 238, 3423-3433. | 1.5 | 11 |
| 15 | Characterization of the Brain Functional Architecture of Psychostimulant Withdrawal Using Single-Cell Whole-Brain Imaging. ENeuro, 2021, 8, ENEURO.0208-19.2021. | 0.9 | 21 |
| 16 | Increases in compulsivity, inflammation, and neural injury in HIV transgenic rats with escalated methamphetamine self-administration under extended-access conditions. Brain Research, 2020, 1726, 146502. | 1.1 | 17 |
| 17 | Insula to ventral striatal projections mediate compulsive eating produced by intermittent access to palatable food. Neuropsychopharmacology, 2020, 45, 579-588. | 2.8 | 31 |
| 18 | Advances in smoking cessation pharmacotherapy: Non-nicotinic approaches in animal models. Neuropharmacology, 2020, 178, 108225. | 2.0 | 9 |

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|---|---|---|---|
| 19 | Validation of a nicotine vapor self-administration model in rats with relevance to electronic cigarette use. Neuropsychopharmacology, 2020, 45, 1909-1919. | 2.8 | 40 |
| 20 | Chronic voluntary caffeine intake in male Wistar rats reveals individual differences in addiction-like behavior. Pharmacology Biochemistry and Behavior, 2020, 191, 172880. | 1.3 | 5 |
| 21 | Oxycodone self-administration and withdrawal behaviors in male and female Wistar rats. Psychopharmacology, 2020, 237, 1545-1555. | 1.5 | 37 |
| 22 | Brain-wide functional architecture remodeling by alcohol dependence and abstinence. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2149-2159. | 3.3 | 66 |
| 23 | Nociceptin attenuates the escalation of oxycodone self-administration by normalizing CeAâ€“GABA transmission in highly addicted rats. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2140-2148. | 3.3 | 35 |
| 24 | Role of corticotropin-releasing factor in alcohol and nicotine addiction. Brain Research, 2020, 1740, 146850. | 1.1 | 8 |
| 25 | Depletion of the Microbiome Alters the Recruitment of Neuronal Ensembles of Oxycodone Intoxication and Withdrawal. ENeuro, 2020, 7, ENEURO.0312-19.2020. | 0.9 | 39 |
| 26 | Systemic Administration of the Cyclinâ€Dependent Kinase Inhibitor (S)â€CR8 Selectively Reduces Escalated Ethanol Intake in Dependent Rats. Alcoholism: Clinical and Experimental Research, 2019, 43, 2079-2089. | 1.4 | 4 |
| 27 | Exposure to passive nicotine vapor in male adolescent rats produces a withdrawal-like state and facilitates nicotine self-administration during adulthood. European Neuropsychopharmacology, 2019, 29, 1227-1234. | 0.3 | 15 |
| 28 | Inactivation of a CRF-dependent amygdalofugal pathway reverses addiction-like behaviors in alcohol-dependent rats. Nature Communications, 2019, 10, 1238. | 5.8 | 106 |
| 29 | Negative Reinforcement Mechanisms in Addiction. , 2019, , 179-188. | | 0 |
| 30 | 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. Frontiers in Behavioral Neuroscience, 2019, 13, 292. | 1.0 | 32 |
| 31 | Self-administered nicotine increases fat metabolism and suppresses weight gain in male rats. Psychopharmacology, 2018, 235, 1131-1140. | 1.5 | 15 |
| 32 | Median and Dorsal Raphe Serotonergic Neurons Control Moderate Versus Compulsive Cocaine Intake. Biological Psychiatry, 2018, 83, 1024-1035. | 0.7 | 33 |
| 33 | An enzymatic advance in nicotine cessation therapy. Chemical Communications, 2018, 54, 1686-1689. | 2.2 | 18 |
| 34 | Inhibition of Glyoxalase 1 reduces alcohol self-administration in dependent and nondependent rats. Pharmacology Biochemistry and Behavior, 2018, 167, 36-41. | 1.3 | 11 |
| 35 | Dynorphin Counteracts Orexin in the Paraventricular Nucleus of the Thalamus: Cellular and Behavioral Evidence. Neuropsychopharmacology, 2018, 43, 1010-1020. | 2.8 | 43 |
| 36 | Compulsive-Like Sufentanil Vapor Self-Administration in Rats. Neuropsychopharmacology, 2018, 43, 801-809. | 2.8 | 51 |

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|---|---|---|---|
| 37 | Systemic and Intra-Habenular Activation of the Orphan G Protein-Coupled Receptor GPR139 Decreases Compulsive-Like Alcohol Drinking and Hyperalgesia in Alcohol-Dependent Rats. ENeuro, 2018, 5, ENEURO.0153-18.2018. | 0.9 | 43 |
| 38 | An enzymatic approach reverses nicotine dependence, decreases compulsive-like intake, and prevents relapse. Science Advances, 2018, 4, eaat4751. | 4.7 | 22 |
| 39 | Adolescent cannabinoid exposure induces irritability-like behavior and cocaine cross-sensitization without affecting the escalation of cocaine self-administration in adulthood. Scientific Reports, 2018, 8, 13893. | 1.6 | 23 |
| 40 | Voluntary urination control by brainstem neurons that relax the urethral sphincter. Nature Neuroscience, 2018, 21, 1229-1238. | 7.1 | 72 |
| 41 | Subthalamic nucleus high frequency stimulation prevents and reverses escalated cocaine use. Molecular Psychiatry, 2018, 23, 2266-2276. | 4.1 | 35 |
| 42 | Cortical and amygdalar neuronal ensembles in alcohol seeking, drinking and withdrawal. Neuropharmacology, 2017, 122, 107-114. | 2.0 | 29 |
| 43 | Voluntary induction and maintenance of alcohol dependence in rats using alcohol vapor self-administration. Psychopharmacology, 2017, 234, 2009-2018. | 1.5 | 36 |
| 44 | Optogenetic characterization of CeA CRF pathways in alcohol dependence. Alcohol, 2017, 60, 235. | 0.8 | 2 |
| 45 | Deletion of Î±5 nicotine receptor subunits abolishes nicotinic aversive motivational effects in a manner that phenocopies dopamine receptor antagonism. European Journal of Neuroscience, 2017, 46, 1673-1681. | 1.2 | 8 |
| 46 | Alcohol Dependence Disrupts Amygdalar L-Type Voltage-Gated Calcium Channel Mechanisms. Journal of Neuroscience, 2017, 37, 4593-4603. | 1.7 | 40 |
| 47 | High-Frequency Stimulation of the Subthalamic Nucleus Blocks Compulsive-Like Re-Escalation of Heroin Taking in Rats. Neuropsychopharmacology, 2017, 42, 1850-1859. | 2.8 | 43 |
| 48 | Genetic and Pharmacologic Manipulation of TLR4 Has Minimal Impact on Ethanol Consumption in Rodents. Journal of Neuroscience, 2017, 37, 1139-1155. | 1.7 | 72 |
| 49 | <scp>CRF</scp><sub>1</sub> Receptorâ€Dependent Increases in Irritabilityâ€Like Behavior During Abstinence from Chronic Intermittent Ethanol Vapor Exposure. Alcoholism: Clinical and Experimental Research, 2017, 41, 1886-1895. | 1.4 | 39 |
| 50 | Intermittent Access to Ethanol Drinking Facilitates the Transition to Excessive Drinking After Chronic Intermittent Ethanol Vapor Exposure. Alcoholism: Clinical and Experimental Research, 2017, 41, 1502-1509. | 1.4 | 43 |
| 51 | Nicotine Vapor Method to Induce Nicotine Dependence in Rodents. Current Protocols in Neuroscience, 2017, 80, 8.41.1-8.41.10. | 2.6 | 8 |
| 52 | Cebranopadol Blocks the Escalation of Cocaine Intake and Conditioned Reinstatement of Cocaine Seeking in Rats. Journal of Pharmacology and Experimental Therapeutics, 2017, 362, 378-384. | 1.3 | 37 |
| 53 | Overview of Nicotine Withdrawal and Negative Reinforcement (Preclinical). , 2017, , 1-20. | | 3 |
| 54 | Individual differences in the neuropsychopathology of addiction. Dialogues in Clinical Neuroscience, 2017, 19, 217-229. | 1.8 | 81 |

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|---|---|---|---|
| 55 | Recruitment of a Neuronal Ensemble in the Central Nucleus of the Amygdala Is Required for Alcohol Dependence. Journal of Neuroscience, 2016, 36, 9446-9453. | 1.7 | 96 |
| 56 | Addiction and corticotropin-releasing factor: from the amygdala to the prefrontal cortex and beyond. Intrinsic Activity, 2016, 4, A13.9. | 0.0 | 0 |
| 57 | A Transgenic Rat for Investigating the Anatomy and Function of Corticotrophin Releasing Factor Circuits. Frontiers in Neuroscience, 2015, 9, 487. | 1.4 | 107 |
| 58 | Î¼ Opioid Receptors in the Nucleus Accumbens Shell Mediate Escalation of Methamphetamine Intake. Journal of Neuroscience, 2015, 35, 4296-4305. | 1.7 | 59 |
| 59 | Chronic Nicotine Activates Stress/Reward-Related Brain Regions and Facilitates the Transition to Compulsive Alcohol Drinking. Journal of Neuroscience, 2015, 35, 6241-6253. | 1.7 | 67 |
| 60 | Increased CRF signalling in a ventral tegmental area-interpeduncular nucleus-medial habenula circuit induces anxiety during nicotine withdrawal. Nature Communications, 2015, 6, 6770. | 5.8 | 124 |
| 61 | Extended access nicotine self-administration with periodic deprivation increases immature neurons in the hippocampus. Psychopharmacology, 2015, 232, 453-463. | 1.5 | 29 |
| 62 | Extended access to nicotine leads to a CRF<sub>1</sub>receptor dependent increase in anxiety-like behavior and hyperalgesia in rats. Addiction Biology, 2015, 20, 56-68. | 1.4 | 65 |
| 63 | Glucocorticoid receptor antagonism decreases alcohol seeking in alcohol-dependent individuals. Journal of Clinical Investigation, 2015, 125, 3193-3197. | 3.9 | 184 |
| 64 | Virus-Mediated shRNA Knockdown of Prodynorphin in the Rat Nucleus Accumbens Attenuates Depression-Like Behavior and Cocaine Locomotor Sensitization. PLoS ONE, 2014, 9, e97216. | 1.1 | 12 |
| 65 | Neuropeptide <scp>Y Y</scp><sub>2</sub><scp>R</scp> blockade in the central amygdala reduces anxietyâ€like behavior but not alcohol drinking in alcoholâ€dependent rats. Addiction Biology, 2014, 19, 755-757. | 1.4 | 34 |
| 66 | Nicotine vapor inhalation escalates nicotine selfâ€administration. Addiction Biology, 2014, 19, 587-592. | 1.4 | 42 |
| 67 | Addiction as a stress surfeit disorder. Neuropharmacology, 2014, 76, 370-382. | 2.0 | 415 |
| 68 | Dopamine D1 and Î¼-opioid receptor antagonism blocks anticipatory 50ÂkHz ultrasonic vocalizations induced by palatable food cues in Wistar rats. Psychopharmacology, 2014, 231, 929-937. | 1.5 | 32 |
| 69 | VTA CRF neurons mediate the aversive effects of nicotine withdrawal and promote intake escalation. Nature Neuroscience, 2014, 17, 1751-1758. | 7.1 | 124 |
| 70 | Hippocampal neurogenesis protects against cocaineâ€primed relapse. Addiction Biology, 2014, 19, 562-574. | 1.4 | 46 |
| 71 | Gene expression changes consistent with neuroAIDS and impaired working memory in HIV-1 transgenic rats. Molecular Neurodegeneration, 2014, 9, 26. | 4.4 | 58 |
| 72 | Negative reinforcement via motivational withdrawal is the driving force behind the transition to addiction. Psychopharmacology, 2014, 231, 3911-3917. | 1.5 | 72 |

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|---|---|---|---|
| 73 | Anticipatory 50kHz ultrasonic vocalizations are associated with escalated alcohol intake in dependent rats. Behavioural Brain Research, 2014, 271, 171-176. | 1.2 | 24 |
| 74 | Control of craving by the prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4165-4166. | 3.3 | 61 |
| 75 | Long-Term Antagonism of Î² Opioid Receptors Prevents Escalation of and Increased Motivation for Heroin Intake. Journal of Neuroscience, 2013, 33, 19384-19392. | 1.7 | 107 |
| 76 | Animal Models of Nicotine Exposure: Relevance to Second-Hand Smoking, Electronic Cigarette Use, and Compulsive Smoking. Frontiers in Psychiatry, 2013, 4, 41. | 1.3 | 53 |
| 77 | Robust Escalation of Nicotine Intake with Extended Access to Nicotine Self-Administration and Intermittent Periods of Abstinence. Neuropsychopharmacology, 2012, 37, 2153-2160. | 2.8 | 78 |
| 78 | Levels of Neural Progenitors in the Hippocampus Predict Memory Impairment and Relapse to Drug Seeking as a Function of Excessive Methamphetamine Self-Administration. Neuropsychopharmacology, 2012, 37, 1275-1287. | 2.8 | 92 |
| 79 | Phasic D1 and tonic D2 dopamine receptor signaling double dissociate the motivational effects of acute nicotine and chronic nicotine withdrawal. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3101-3106. | 3.3 | 110 |
| 80 | Recruitment of medial prefrontal cortex neurons during alcohol withdrawal predicts cognitive impairment and excessive alcohol drinking. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18156-18161. | 3.3 | 203 |
| 81 | Effects of the specific Î±4Î²2 nAChR antagonist, 2-fluoro-3-(4-nitrophenyl) deschloroepibatidine, on nicotine reward-related behaviors in rats and mice. Psychopharmacology, 2012, 223, 159-168. | 1.5 | 20 |
| 82 | Effects of the combination of metyrapone and oxazepam on intravenous nicotine self-administration in rats. Psychopharmacology, 2012, 223, 17-25. | 1.5 | 13 |
| 83 | Allostasis and addiction: Role of the dopamine and corticotropin-releasing factor systems. Physiology and Behavior, 2012, 106, 58-64. | 1.0 | 150 |
| 84 | Craving, context and the cortex. Nature Neuroscience, 2011, 14, 409-410. | 7.1 | 5 |
| 85 | Varenicline blocks nicotine intake in rats with extended access to nicotine self-administration. Psychopharmacology, 2011, 213, 715-722. | 1.5 | 53 |
| 86 | Exposure to chronic intermittent nicotine vapor induces nicotine dependence. Pharmacology Biochemistry and Behavior, 2010, 96, 104-107. | 1.3 | 44 |
| 87 | Individual differences in prefrontal cortex function and the transition from drug use to drug dependence. Neuroscience and Biobehavioral Reviews, 2010, 35, 232-247. | 2.9 | 287 |
| 88 | Low Brain Allopregnanolone Levels Mediate Flattened Circadian Activity Associated with Memory Impairments in Aged Rats. Biological Psychiatry, 2010, 68, 956-963. | 0.7 | 30 |
| 89 | A Role for the Endocannabinoid System in the Increased Motivation for Cocaine in Extended-Access Conditions. Journal of Neuroscience, 2009, 29, 4846-4857. | 1.7 | 97 |
| 90 | Extended Access to Cocaine Self-Administration Produces Long-Lasting Prefrontal Cortex-Dependent Working Memory Impairments. Neuropsychopharmacology, 2008, 33, 2474-2482. | 2.8 | 149 |

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|---|---|---|---|
| 91 | CRFâ€“CRF <sub>1</sub> system activation mediates withdrawal-induced increases in nicotine self-administration in nicotine-dependent rats. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17198-17203. | 3.3 | 223 |
| 92 | Chronic exposure of rats to noise: Relationship between long-term memory deficits and slow wave sleep disturbances. Behavioural Brain Research, 2006, 171, 303-312. | 1.2 | 33 |
| 93 | Smad-dependent alterations of PPT cholinergic neurons as a pathophysiological mechanism of age-related sleep-dependent memory impairments. Neurobiology of Aging, 2006, 27, 1848-1858. | 1.5 | 10 |
| 94 | Motherhood-induced memory improvement persists across lifespan in rats but is abolished by a gestational stress. European Journal of Neuroscience, 2006, 23, 3368-3374. | 1.2 | 73 |
| 95 | Neurosteroids and cholinergic systems: implications for sleep and cognitive processes and potential role of age-related changes. Psychopharmacology, 2006, 186, 402-413. | 1.5 | 44 |
| 96 | New insights into the role of neuroactive steroids in cognitive aging. Experimental Gerontology, 2004, 39, 1695-1704. | 1.2 | 18 |
| 97 | Sleep-wake states and cortical synchronization control by pregnenolone sulfate into the pedunculopontine nucleus. Journal of Neuroscience Research, 2004, 76, 742-747. | 1.3 | 17 |
| 98 | Individual differences in cognitive aging: implication of pregnenolone sulfate. Progress in Neurobiology, 2003, 71, 43-48. | 2.8 | 51 |
| 99 | Alcoholics Anonymous. JAMA - Journal of the American Medical Association, 1976, 236, 1505. | 3.8 | 2 |