Daniele Caprioli

List of Publications by Year
in descending order

59 papers	3,403 citations	136885 32 h-index	155592 55 g-index
64 all docs	64 docs citations	64 times ranked	3250 citing authors

#	Article	IF	Citations
1	Animal models of drug relapse and craving. Progress in Brain Research, 2016, 224, 25-52.	0.9	277
2	Serotonin Modulates Sensitivity to Reward and Negative Feedback in a Probabilistic Reversal Learning Task in Rats. Neuropsychopharmacology, 2010, 35, 1290-1301.	2.8	269
3	Volitional social interaction prevents drug addiction in rat models. Nature Neuroscience, 2018, 21, 1520-1529.	7.1	244
4	Measuring â€œWaitingâ€•Impulsivity in Substance Addictions and Binge Eating Disorder in a Novel Analogue of Rodent Serial Reaction Time Task. Biological Psychiatry, 2014, 75, 148-155.	0.7	151
5	The Anterior Insular Cortexâ†'Central Amygdala Glutamatergic Pathway Is Critical to Relapse after Contingency Management. Neuron, 2017, 96, 414-427.e8.	3.8	136
6	Effect of the Novel Positive Allosteric Modulator of Metabotropic Glutamate Receptor 2 AZD8529 on Incubation of Methamphetamine Craving After Prolonged Voluntary Abstinence in a Rat Model. Biological Psychiatry, 2015, 78, 463-473.	0.7	122
7	Role of Dorsomedial Striatum Neuronal Ensembles in Incubation of Methamphetamine Craving after Voluntary Abstinence. Journal of Neuroscience, 2017, 37, 1014-1027.	1.7	121
8	Modulation of high impulsivity and attentional performance in rats by selective direct and indirect dopaminergic and noradrenergic receptor agonists. Psychopharmacology, 2012, 219, 341-352.	1.5	117
9	Incubation of Methamphetamine but not Heroin Craving After Voluntary Abstinence in Male and Female Rats. Neuropsychopharmacology, 2017, 42, 1126-1135.	2.8	111
10	Ambience and Drug Choice: Cocaine- and Heroin-Taking as a Function of Environmental Context in Humans and Rats. Biological Psychiatry, 2009, 65, 893-899.	0.7	99
11	Distinct Fos-Expressing Neuronal Ensembles in the Ventromedial Prefrontal Cortex Mediate Food Reward and Extinction Memories. Journal of Neuroscience, 2016, 36, 6691-6703.	1.7	99
12	High impulsivity predicting vulnerability to cocaine addiction in rats: some relationship with novelty preference but not novelty reactivity, anxiety or stress. Psychopharmacology, 2011, 215, 721-731.	1.5	97
13	Dopaminergic and <scp>GABA</scp>â€ergic markers of impulsivity in rats: evidence for anatomical localisation in ventral striatum and prefrontal cortex. European Journal of Neuroscience, 2013, 37, 1519-1528.	1.2	95
14	Gamma Aminobutyric Acidergic and Neuronal Structural Markers in the Nucleus Accumbens Core Underlie Trait-like Impulsive Behavior. Biological Psychiatry, 2014, 75, 115-123.	0.7	81
15	Compulsive Addiction-like Aggressive Behavior in Mice. Biological Psychiatry, 2017, 82, 239-248.	0.7	77
16	Recent updates on incubation of drug craving: a miniâ€review. Addiction Biology, 2015, 20, 872-876.	1.4	75
17	Transition from â€˜model-basedâ€™ to â€˜model-freeâ€™ behavioral control in addiction: Involvement of the orbitofrontal cortex and dorsolateral striatum. Neuropharmacology, 2014, 76, 407-415.	2.0	74
18	A Critical Role of Lateral Hypothalamus in Context-Induced Relapse to Alcohol Seeking after Punishment-Imposed Abstinence. Journal of Neuroscience, 2014, 34, 7447-7457.	1.7	66

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19	Modeling the role of environment in addiction. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 1639-1653.	2.5	65
20	Persistent palatable food preference in rats with a history of limited and extended access to methamphetamine selfâ€administration. Addiction Biology, 2015, 20, 913-926.	1.4	61
21	Separate vmPFC Ensembles Control Cocaine Self-Administration Versus Extinction in Rats. Journal of Neuroscience, 2019, 39, 7394-7407.	1.7	61
22	Applications of positron emission tomography in animal models of neurological and neuropsychiatric disorders. Neuroscience and Biobehavioral Reviews, 2012, 36, 1188-1216.	2.9	56
23	Highly impulsive rats: modelling an endophenotype to determine the neurobiological, genetic and environmental mechanisms of addiction. DMM Disease Models and Mechanisms, 2013, 6, 302-11.	1.2	55
24	Dissociable Rate-Dependent Effects of Oral Methylphenidate on Impulsivity and D_{2/3}Receptor Availability in the Striatum. Journal of Neuroscience, 2015, 35, 3747-3755.	1.7	54
25	Brain Î³â€aminobutyric acid: a neglected role in impulsivity. European Journal of Neuroscience, 2014, 39, 1921-1932.	1.2	52
26	Baseline-Dependent Effects of Cocaine Pre-Exposure on Impulsivity and D2/3 Receptor Availability in the Rat Striatum: Possible Relevance to the Attention-Deficit Hyperactivity Syndrome. Neuropsychopharmacology, 2013, 38, 1460-1471.	2.8	48
27	Microglia control glutamatergic synapses in the adult mouse hippocampus. Glia, 2022, 70, 173-195.	2.5	46
28	Effect of Novel Allosteric Modulators of Metabotropic Glutamate Receptors on Drug Self-administration and Relapse: A Review of Preclinical Studies and Their Clinical Implications. Biological Psychiatry, 2018, 84, 180-192.	0.7	41
29	Incubation of extinction responding and cueâ€induced reinstatement, but not contextâ€or drug primingâ€induced reinstatement, after withdrawal from methamphetamine. Addiction Biology, 2017, 22, 977-990.	1.4	39
30	Opposite environmental regulation of heroin and amphetamine self-administration in the rat. Psychopharmacology, 2008, 198, 395-404.	1.5	38
31	Modulatory Effect of Environmental Context and Drug History on Heroin-Induced Psychomotor Activity and Fos Protein Expression in the Rat Brain. Neuropsychopharmacology, 2007, 32, 2611-2623.	2.8	35
32	Environmental modulation of cocaine self-administration in the rat. Psychopharmacology, 2007, 192, 397-406.	1.5	35
33	Drug context differently regulates cocaine versus heroin self-administration and cocaine- versus heroin-induced Fos mRNA expression in the rat. Psychopharmacology, 2009, 204, 349-360.	1.5	33
34	Antenatal Glucocorticoid Treatment Induces Adaptations in Adult Midbrain Dopamine Neurons, which Underpin Sexually Dimorphic Behavioral Resilience. Neuropsychopharmacology, 2014, 39, 339-350.	2.8	28
35	Impaired Limbic Cortico-Striatal Structure and Sustained Visual Attention in a Rodent Model of Schizophrenia. International Journal of Neuropsychopharmacology, 2015, 18, pyu010-pyu010.	1.0	28
36	Novel models of drug relapse and craving after voluntary abstinence. Neuropsychopharmacology, 2019, 44, 234-235.	2.8	28

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37	Prelimbic cortex is a common brain area activated during cueâ€induced reinstatement of cocaine and heroin seeking in a polydrug selfâ€administration rat model. European Journal of Neuroscience, 2019, 49, 165-178.	1.2	27
38	Factors modulating the incubation of drug and non-drug craving and their clinical implications. Neuroscience and Biobehavioral Reviews, 2021, 131, 847-864.	2.9	27
39	Role of nucleus accumbens core but not shell in incubation of methamphetamine craving after voluntary abstinence. Neuropsychopharmacology, 2020, 45, 256-265.	2.8	25
40	Fosâ€expressing neuronal ensemble in rat ventromedial prefrontal cortex encodes cocaine seeking but not food seeking in rats. Addiction Biology, 2021, 26, e12943.	1.4	25
41	Role of Dorsomedial Striatum Neuronal Ensembles in Incubation of Methamphetamine Craving after Voluntary Abstinence. Journal of Neuroscience, 2017, 37, 1014-1027.	1.7	23
42	Effect of repeated administrations of heroin, naltrexone, methadone, and alcohol on morphine glucuronidation in the rat. Psychopharmacology, 2005, 182, 58-64.	1.5	22
43	Validation and Quantification of [¹⁸F]Altanserin Binding in the Rat Brain Using Blood Input and Reference Tissue Modeling. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 2334-2342.	2.4	21
44	Synthesis and Evaluation of ¹⁸F-FE-PEO in Rodents: An ¹⁸F-Labeled Full Agonist for Opioid Receptor Imaging. Journal of Nuclear Medicine, 2013, 54, 299-305.	2.8	19
45	In vivo Î³â€aminobutyric acid measurement in rats with spectral editing at 4.7T. Journal of Magnetic Resonance Imaging, 2016, 43, 1308-1312.	1.9	16
46	Increased heroin intake and relapse vulnerability in intermittent relative to continuous selfâ€administration: Sex differences in rats. British Journal of Pharmacology, 2023, 180, 910-926.	2.7	16
47	Loss of phasic dopamine: a new addiction marker?. Nature Neuroscience, 2014, 17, 644-646.	7.1	14
48	Increased Turnover of Dopamine in Caudate Nucleus of Detoxified Alcoholic Patients. PLoS ONE, 2013, 8, e73903.	1.1	13
49	Opposite environmental gating of the experienced utility (â€˜likingâ€™) and decision utility (â€˜wantingâ€™) of heroin versus cocaine in animals and humans: implications for computational neuroscience. Psychopharmacology, 2019, 236, 2451-2471.	1.5	9
50	Food-Seeking Behavior Is Mediated by Fos-Expressing Neuronal Ensembles Formed at First Learning in Rats. ENeuro, 2021, 8, ENEURO.0373-20.2021.	0.9	9
51	What have positron emission tomography and â€˜Zippyâ€™ told us about the neuropharmacology of drug addiction?. British Journal of Pharmacology, 2011, 163, 1586-1604.	2.7	8
52	Translating positron emission tomography studies in animals to stimulant addiction: promises and pitfalls. Current Opinion in Neurobiology, 2013, 23, 597-606.	2.0	7
53	Targeting Chemokines and Chemokine GPCRs to Enhance Strong Opioid Efficacy in Neuropathic Pain. Life, 2022, 12, 398.	1.1	5
54	F263. Social-Based Voluntary Abstinence Prevents the Emergence of Incubation of Drug Craving. Biological Psychiatry, 2018, 83, S341.	0.7	2

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55	Sex differences in the immune system: Implications for cocaine relapse. Brain, Behavior, and Immunity, 2022, 104, 29-30.	2.0	1
56	B.6 - GABA-ERGIC AND NEURONAL STRUCTURAL MARKERS IN THE NUCLEUS ACCUMBENS CORE PREDICT TRAIT-LIKE IMPULSIVITY IN RATS. Behavioural Pharmacology, 2013, 24, e27-e28.	0.8	0
57	O33. Compulsive Addiction-Like Aggressive Behavior in Mice. Biological Psychiatry, 2018, 83, S122.	0.7	0
58	12. Relapse to Methamphetamine Seeking After Choice-Based Voluntary Abstinence (Contingency) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 S5.	0.7	0
59	Environmental Modulation of Drug Taking. Neuromethods, 2011, , 293-309.	0.2	0