

Antonello Bonci

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

5,188
citations

218677

26
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

6780
citing authors

#	ARTICLE	IF	CITATIONS
1	Single cocaine exposure in vivo induces long-term potentiation in dopamine neurons. <i>Nature</i> , 2001, 411, 583-587.	27.8	1,277
2	Long-term depression in the nucleus accumbens: a neural correlate of behavioral sensitization to cocaine. <i>Nature Neuroscience</i> , 2001, 4, 1217-1223.	14.8	615
3	Local Cues Establish and Maintain Region-Specific Phenotypes of Basal Ganglia Microglia. <i>Neuron</i> , 2017, 95, 341-356.e6.	8.1	325
4	Cell-Type-Specific Control of Brainstem Locomotor Circuits by Basal Ganglia. <i>Cell</i> , 2016, 164, 526-537.	28.9	311
5	Identification of a Brainstem Circuit Regulating Visual Cortical State in Parallel with Locomotion. <i>Neuron</i> , 2014, 83, 455-466.	8.1	254
6	Transcranial magnetic stimulation of dorsolateral prefrontal cortex reduces cocaine use: A pilot study. <i>European Neuropsychopharmacology</i> , 2016, 26, 37-44.	0.7	245
7	Role of Dopamine Neurons in Reward and Aversion: A Synaptic Plasticity Perspective. <i>Neuron</i> , 2015, 86, 1145-1157.	8.1	198
8	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.	6.1	198
9	Rehabilitating the addicted brain with transcranial magnetic stimulation. <i>Nature Reviews Neuroscience</i> , 2017, 18, 685-693.	10.2	184
10	The dopamine-containing neuron: maestro or simple musician in the orchestra of addiction?. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 172-177.	8.7	174
11	Serotonergic versus Nonserotonergic Dorsal Raphe Projection Neurons: Differential Participation in Reward Circuitry. <i>Cell Reports</i> , 2014, 8, 1857-1869.	6.4	170
12	Intrinsic plasticity: an emerging player in addiction. <i>Nature Reviews Neuroscience</i> , 2015, 16, 173-184.	10.2	130
13	Pathway- and Cell-Specific Kappa-Opioid Receptor Modulation of Excitation-Inhibition Balance Differentially Gates D1 and D2 Accumbens Neuron Activity. <i>Neuron</i> , 2017, 93, 147-163.	8.1	124
14	Optogenetics: 10 years after Chr2 in neurons—views from the community. <i>Nature Neuroscience</i> , 2015, 18, 1202-1212.	14.8	122
15	The Dopamine D2 Receptor: New Surprises from an Old Friend. <i>Neuron</i> , 2005, 47, 335-338.	8.1	104
16	Sigma-1 receptor mediates cocaine-induced transcriptional regulation by recruiting chromatin-remodeling factors at the nuclear envelope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6562-70.	7.1	95
17	Central role for the insular cortex in mediating conditioned responses to anticipatory cues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1190-1195.	7.1	92
18	Dynorphin/kappa-opioid receptor control of dopamine dynamics: Implications for negative affective states and psychiatric disorders. <i>Brain Research</i> , 2019, 1713, 91-101.	2.2	81

#	ARTICLE	IF	CITATIONS
19	A Critical Role of Lateral Hypothalamus in Context-Induced Relapse to Alcohol Seeking after Punishment-Imposed Abstinence. <i>Journal of Neuroscience</i> , 2014, 34, 7447-7457.	3.6	66
20	D-Serine and D-Cycloserine Reduce Compulsive Alcohol Intake in Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 2357-2367.	5.4	66
21	Oligodendrocytes Support Neuronal Glutamatergic Transmission via Expression of Glutamine Synthetase. <i>Cell Reports</i> , 2019, 27, 2262-2271.e5.	6.4	59
22	Cortico-striatal circuits: Novel therapeutic targets for substance use disorders. <i>Brain Research</i> , 2015, 1628, 186-198.	2.2	53
23	Synaptic Plasticity onto Dopamine Neurons Shapes Fear Learning. <i>Neuron</i> , 2017, 93, 425-440.	8.1	45
24	Repetitive transcranial magnetic stimulation of the left dorsolateral prefrontal cortex may improve symptoms of anhedonia in individuals with cocaine use disorder: A pilot study. <i>Brain Stimulation</i> , 2018, 11, 1195-1197.	1.6	44
25	High-Frequency Activation of Nucleus Accumbens D1-MSNs Drives Excitatory Potentiation on D2-MSNs. <i>Neuron</i> , 2019, 103, 432-444.e3.	8.1	44
26	Pontomesencephalic Tegmental Afferents to VTA Non-dopamine Neurons Are Necessary for Appetitive Pavlovian Learning. <i>Cell Reports</i> , 2016, 16, 2699-2710.	6.4	34
27	A Subpopulation of Neurochemically-Identified Ventral Tegmental Area Dopamine Neurons Is Excited by Intravenous Cocaine. <i>Journal of Neuroscience</i> , 2015, 35, 1965-1978.	3.6	25
28	Synaptic and intrinsic plasticity in the ventral tegmental area after chronic cocaine. <i>Current Opinion in Neurobiology</i> , 2019, 54, 66-72.	4.2	19
29	Spiraling Connectivity of NAc-VTA Circuitry. <i>Neuron</i> , 2018, 97, 261-262.	8.1	10
30	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.	2.4	9
31	Ion channels and intracellular signaling proteins as potential targets for novel therapeutics for addictive and depressive disorders. , 2005, 108, 65-75.		9
32	μ-Opioid receptor-induced synaptic plasticity in dopamine neurons mediates the rewarding properties of anabolic androgenic steroids. <i>Science Signaling</i> , 2020, 13, .	3.6	4
33	Modulating Morphine Context-Induced Drug Memory With Deep Brain Stimulation: More Research Questions by Lowering Stimulation Frequencies?. <i>Biological Psychiatry</i> , 2016, 80, 647-649.	1.3	2