

# Antonello Bonci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7377241/publications.pdf>

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  | 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         |
| 2  | 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        |
| 3  | 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       |
| 4  | Oligodendrocytes Support Neuronal Glutamatergic Transmission via Expression of Glutamine Synthetase. <i>Cell Reports</i> , 2019, 27, 2262-2271.e5.   | 6.4  | 59        |
| 5  | 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        |
| 6  | 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        |
| 7  | Spiraling Connectivity of NAc-VTA Circuitry. <i>Neuron</i> , 2018, 97, 261-262.  | 8.1  | 10        |
| 8  | 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        |
| 9  | Synaptic Plasticity onto Dopamine Neurons Shapes Fear Learning. <i>Neuron</i> , 2017, 93, 425-440.   | 8.1  | 45        |
| 10 | 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       |
| 11 | Rehabilitating the addicted brain with transcranial magnetic stimulation. <i>Nature Reviews Neuroscience</i> , 2017, 18, 685-693.  | 10.2 | 184       |
| 12 | Local Cues Establish and Maintain Region-Specific Phenotypes of Basal Ganglia Microglia. <i>Neuron</i> , 2017, 95, 341-356.e6.   | 8.1  | 325       |
| 13 | 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         |
| 14 | 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        |
| 15 | Cell-Type-Specific Control of Brainstem Locomotor Circuits by Basal Ganglia. <i>Cell</i> , 2016, 164, 526-537.   | 28.9 | 311       |
| 16 | Transcranial magnetic stimulation of dorsolateral prefrontal cortex reduces cocaine use: A pilot study. <i>European Neuropsychopharmacology</i> , 2016, 26, 37-44.   | 0.7  | 245       |
| 17 | Role of Dopamine Neurons in Reward and Aversion: A Synaptic Plasticity Perspective. <i>Neuron</i> , 2015, 86, 1145-1157.   | 8.1  | 198       |
| 18 | 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        |

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|----|---|------|-----------|
| 19 | Central role for the insular cortex in mediating conditioned responses to anticipatory cues. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1190-1195. | 7.1  | 92        |
| 20 | A Subpopulation of Neurochemically-Identified Ventral Tegmental Area Dopamine Neurons Is Excited by Intravenous Cocaine. Journal of Neuroscience, 2015, 35, 1965-1978.                              | 3.6  | 25        |
| 21 | Intrinsic plasticity: an emerging player in addiction. Nature Reviews Neuroscience, 2015, 16, 173-184.  | 10.2 | 130       |
| 22 | Cortico-striatal circuits: Novel therapeutic targets for substance use disorders. Brain Research, 2015, 1628, 186-198.  | 2.2  | 53        |
| 23 | D-Serine and D-Cycloserine Reduce Compulsive Alcohol Intake in Rats. Neuropsychopharmacology, 2015, 40, 2357-2367.  | 5.4  | 66        |
| 24 | Optogenetics: 10 years after Chr2 in neuronsâ€™ views from the community. Nature Neuroscience, 2015, 18, 1202-1212.   | 14.8 | 122       |
| 25 | A Critical Role of Lateral Hypothalamus in Context-Induced Relapse to Alcohol Seeking after Punishment-Imposed Abstinence. Journal of Neuroscience, 2014, 34, 7447-7457.                            | 3.6  | 66        |
| 26 | Serotonergic versus Nonserotonergic Dorsal Raphe Projection Neurons: Differential Participation in Reward Circuitry. Cell Reports, 2014, 8, 1857-1869.  | 6.4  | 170       |
| 27 | Identification of a Brainstem Circuit Regulating Visual Cortical State in Parallel with Locomotion. Neuron, 2014, 83, 455-466.  | 8.1  | 254       |
| 28 | Ion channels and intracellular signaling proteins as potential targets for novel therapeutics for addictive and depressive disorders. , 2005, 108, 65-75.   |      | 9         |
| 29 | The Dopamine D2 Receptor: New Surprises from an Old Friend. Neuron, 2005, 47, 335-338.  | 8.1  | 104       |
| 30 | Ethanol Effects on Dopaminergic ???Reward??? Neurons in the Ventral Tegmental Area and the Mesolimbic Pathway. Alcoholism: Clinical and Experimental Research, 2004, 28, 1768-1778.                 | 2.4  | 9         |
| 31 | The dopamine-containing neuron: maestro or simple musician in the orchestra of addiction?. Trends in Pharmacological Sciences, 2003, 24, 172-177.   | 8.7  | 174       |
| 32 | Long-term depression in the nucleus accumbens: a neural correlate of behavioral sensitization to cocaine. Nature Neuroscience, 2001, 4, 1217-1223.  | 14.8 | 615       |
| 33 | Single cocaine exposure in vivo induces long-term potentiation in dopamine neurons. Nature, 2001, 411, 583-587.   | 27.8 | 1,277     |