

# Antônio Pinto-Duarte

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

2,092  
citations

471371

17  
h-index

713332

21  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2807  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative cellular analysis of motor cortex in human, marmoset and mouse. <i>Nature</i> , 2021, 598, 111-119.	13.7	361
2	A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021, 598, 86-102.	13.7	316
3	Astrocytes contribute to gamma oscillations and recognition memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3343-52.	3.3	203
4	A transcriptomic and epigenomic cell atlas of the mouse primary motor cortex. <i>Nature</i> , 2021, 598, 103-110.	13.7	166
5	Robust single-cell DNA methylome profiling with snmC-seq2. <i>Nature Communications</i> , 2018, 9, 3824.	5.8	138
6	DNA methylation atlas of the mouse brain at single-cell resolution. <i>Nature</i> , 2021, 598, 120-128.	13.7	135
7	An atlas of gene regulatory elements in adult mouse cerebrum. <i>Nature</i> , 2021, 598, 129-136.	13.7	95
8	Elevating acetyl-CoA levels reduces aspects of brain aging. <i>ELife</i> , 2019, 8, .	2.8	94
9	Influence of age on BDNF modulation of hippocampal synaptic transmission: Interplay with adenosine A2A receptors. <i>Hippocampus</i> , 2007, 17, 577-585.	0.9	85
10	Adenosine A2A receptors control the extracellular levels of adenosine through modulation of nucleoside transporters activity in the rat hippocampus. <i>Journal of Neurochemistry</i> , 2005, 93, 595-604.	2.1	79
11	Disruption of mGluR5 in parvalbumin-positive interneurons induces core features of neurodevelopmental disorders. <i>Molecular Psychiatry</i> , 2015, 20, 1161-1172.	4.1	77
12	Interleukin-6 Upregulates Neuronal Adenosine A1 Receptors: Implications for Neuromodulation and Neuroprotection. <i>Neuropsychopharmacology</i> , 2008, 33, 2237-2250.	2.8	63
13	Epigenomic diversity of cortical projection neurons in the mouse brain. <i>Nature</i> , 2021, 598, 167-173.	13.7	47
14	Postsynaptic Action of Brain-Derived Neurotrophic Factor Attenuates $\alpha 7$ Nicotinic Acetylcholine Receptor-Mediated Responses in Hippocampal Interneurons. <i>Journal of Neuroscience</i> , 2008, 28, 5611-5618.	1.7	41
15	Impairments in remote memory caused by the lack of Type 2 IP <sub>3</sub> receptors. <i>Glia</i> , 2019, 67, 1976-1989.	2.5	41
16	How Nox2-Containing NADPH Oxidase Affects Cortical Circuits in the NMDA Receptor Antagonist Model of Schizophrenia. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1444-1462.	2.5	35
17	Prolonged Ketamine Effects in Sp4 Hypomorphic Mice: Mimicking Phenotypes of Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e66327.	1.1	27
18	Dnmt3a knockout in excitatory neurons impairs postnatal synapse maturation and increases the repressive histone modification H3K27me3. <i>ELife</i> , 0, 11, .	2.8	10

#	ARTICLE	IF	CITATIONS
19	Ketamine independently modulated power and phase-coupling of theta oscillations in Sp4 hypomorphic mice. PLoS ONE, 2018, 13, e0193446.	1.1	6
20	Characterization of spatio-temporal epidural event-related potentials for mouse models of psychiatric disorders. Scientific Reports, 2015, 5, 14964.	1.6	5
21	Using the Power of Single-Nucleus Epigenomics to Map the Molecular Complexity of the Adult Brain. Biological Psychiatry, 2020, 87, S61-S62.	0.7	0