

# Nicolas Giguère

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1499863/publications.pdf>

Version: 2024-02-01

10  
papers

897  
citations

1162889

8  
h-index

1372474

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1569  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated Mitochondrial Bioenergetics and Axonal Arborization Size Are Key Contributors to the Vulnerability of Dopamine Neurons. <i>Current Biology</i> , 2015, 25, 2349-2360.	1.8	351
2	On Cell Loss and Selective Vulnerability of Neuronal Populations in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 455.	1.1	272
3	Lmx1a and Lmx1b regulate mitochondrial functions and survival of adult midbrain dopaminergic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4387-96.	3.3	75
4	Increased vulnerability of nigral dopamine neurons after expansion of their axonal arborization size through D2 dopamine receptor conditional knockout. <i>PLoS Genetics</i> , 2019, 15, e1008352.	1.5	62
5	Sirtuin 3 rescues neurons through the stabilisation of mitochondrial biogenetics in the virally-expressing mutant $\alpha$ -synuclein rat model of parkinsonism. <i>Neurobiology of Disease</i> , 2017, 106, 133-146.	2.1	48
6	Segregation of dopamine and glutamate release sites in dopamine neuron axons: regulation by striatal target cells. <i>FASEB Journal</i> , 2019, 33, 400-417.	0.2	32
7	Axonal Segregation and Role of the Vesicular Glutamate Transporter VGLUT3 in Serotonin Neurons. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 39.	0.9	25
8	Oleic Acid in the Ventral Tegmental Area Inhibits Feeding, Food Reward, and Dopamine Tone. <i>Neuropsychopharmacology</i> , 2018, 43, 607-616.	2.8	21
9	Neonatal 6-OHDA lesion of the SNc induces striatal compensatory sprouting from surviving SNc dopaminergic neurons without VTA contribution. <i>European Journal of Neuroscience</i> , 2021, 54, 6618-6632.	1.2	6
10	Homeostatic regulation of excitatory synapses on striatal medium spiny neurons expressing the D2 dopamine receptor. <i>Brain Structure and Function</i> , 2016, 221, 2093-2107.	1.2	5