

Guilherme Neves

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/700216/publications.pdf>

Version: 2024-02-01

19
papers

2,425
citations

567281

15
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

3853
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic plasticity, memory and the hippocampus: a neural network approach to causality. <i>Nature Reviews Neuroscience</i> , 2008, 9, 65-75.	10.2	940
2	Drugs that inhibit TMEM16 proteins block SARS-CoV-2 spike-induced syncytia. <i>Nature</i> , 2021, 594, 88-93.	27.8	293
3	Stochastic yet biased expression of multiple Dscam splice variants by individual cells. <i>Nature Genetics</i> , 2004, 36, 240-246.	21.4	234
4	Analysis of Dscam Diversity in Regulating Axon Guidance in Drosophila Mushroom Bodies. <i>Neuron</i> , 2004, 43, 673-686.	8.1	197
5	The kinetics of exocytosis and endocytosis in the synaptic terminal of goldfish retinal bipolar cells. <i>Journal of Physiology</i> , 1999, 515, 181-202.	2.9	162
6	Calcium influx selects the fast mode of endocytosis in the synaptic terminal of retinal bipolar cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 15282-15287.	7.1	89
7	Endogenous Calcium Buffers Regulate Fast Exocytosis in the Synaptic Terminal of Retinal Bipolar Cells. <i>Neuron</i> , 2002, 33, 101-112.	8.1	86
8	Modulation of Apoptosis Controls Inhibitory Interneuron Number in the Cortex. <i>Cell Reports</i> , 2018, 22, 1710-1721.	6.4	85
9	Transcription factor LIM homeobox 7 (Lhx7) maintains subtype identity of cholinergic interneurons in the mammalian striatum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3119-3124.	7.1	72
10	Activity-Dependent Plasticity of Axo-axonic Synapses at the Axon Initial Segment. <i>Neuron</i> , 2020, 106, 265-276.e6.	8.1	66
11	The LIM Homeodomain Protein Lhx6 Regulates Maturation of Interneurons and Network Excitability in the Mammalian Cortex. <i>Cerebral Cortex</i> , 2013, 23, 1811-1823.	2.9	54
12	A Distance-Dependent Distribution of Presynaptic Boutons Tunes Frequency-Dependent Dendritic Integration. <i>Neuron</i> , 2018, 99, 275-282.e3.	8.1	34
13	The actions of barium and strontium on exocytosis and endocytosis in the synaptic terminal of goldfish bipolar cells. <i>Journal of Physiology</i> , 2001, 535, 809-824.	2.9	33
14	Distance-dependent gradient in NMDAR-driven spine calcium signals along tapering dendrites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1986-E1995.	7.1	24
15	The Variable Transmembrane Domain of Drosophila N-Cadherin Regulates Adhesive Activity. <i>Molecular and Cellular Biology</i> , 2006, 26, 6598-6608.	2.3	21
16	The retina. <i>Current Biology</i> , 1999, 9, R674-R677.	3.9	13
17	Dscam-mediated Self- versus Non-Self-Recognition by Individual Neurons. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2004, 69, 485-488.	1.1	10
18	Homeostatic Regulation of Interneuron Apoptosis During Cortical Development. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951878427.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Visual processing: The Devil is in the details. <i>Current Biology</i> , 2000, 10, R896-R898.	3.9	1