

Katherine R Brimblecombe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7568600/publications.pdf>

Version: 2024-02-01

13
papers

611
citations

840119

11
h-index

1199166

12
g-index

16
all docs

16
docs citations

16
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Striatal Dopamine Transporter Function Is Facilitated by Converging Biology of α -Synuclein and Cholesterol. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 658244.	1.8	18
2	GABA uptake transporters support dopamine release in dorsal striatum with maladaptive downregulation in a parkinsonism model. <i>Nature Communications</i> , 2020, 11, 4958.	5.8	31
3	Calbindin-D28K Limits Dopamine Release in Ventral but Not Dorsal Striatum by Regulating Ca^{2+} Availability and Dopamine Transporter Function. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3419-3426.	1.7	19
4	Plasticity in striatal dopamine release is governed by release-independent depression and the dopamine transporter. <i>Nature Communications</i> , 2019, 10, 4263.	5.8	55
5	Selective vulnerability in α -synucleinopathies. <i>Acta Neuropathologica</i> , 2019, 138, 681-704.	3.9	58
6	Targeted Activation of Cholinergic Interneurons Accounts for the Modulation of Dopamine by Striatal Nicotinic Receptors. <i>ENeuro</i> , 2018, 5, ENEURO.0397-17.2018.	0.9	41
7	The Striosome and Matrix Compartments of the Striatum: A Path through the Labyrinth from Neurochemistry toward Function. <i>ACS Chemical Neuroscience</i> , 2017, 8, 235-242.	1.7	122
8	<i>LRRK2</i> BAC transgenic rats develop progressive, L-DOPA-responsive motor impairment, and deficits in dopamine circuit function. <i>Human Molecular Genetics</i> , 2016, 25, 951-963.	1.4	58
9	Gating of dopamine transmission by calcium and axonal Ca^{2+} - and L -type voltage-gated calcium channels differs between striatal domains. <i>Journal of Physiology</i> , 2015, 593, 929-946.	1.3	83
10	COUPLING VOLTAMMETRY WITH OPTOGENETICS TO REVEAL AXONAL CONTROL OF DOPAMINE TRANSMISSION BY STRIATAL ACETYLCHOLINE. , 2015, , 201-223.		0
11	Ni^{2+} Affects Dopamine Uptake Which Limits Suitability as Inhibitor of T-Type Voltage-Gated Ca^{2+} Channels. <i>ACS Chemical Neuroscience</i> , 2015, 6, 124-129.	1.7	6
12	Substance P Weights Striatal Dopamine Transmission Differently within the Striosome-Matrix Axis. <i>Journal of Neuroscience</i> , 2015, 35, 9017-9023.	1.7	51
13	Transcription factors FOXA1 and FOXA2 maintain dopaminergic neuronal properties and control feeding behavior in adult mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4929-38.	3.3	66