

Katherine R Brimblecombe

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

611
citations

840119

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1199166

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16
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16
docs citations

16
times ranked

1058
citing authors

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