

Derya R Shimshek

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

862
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1385
citing authors

#	ARTICLE	IF	CITATIONS
1	LRRK2 protein levels are determined by kinase function and are crucial for kidney and lung homeostasis in mice. <i>Human Molecular Genetics</i> , 2011, 20, 4209-4223.	2.9	320
2	Early restoration of parvalbumin interneuron activity prevents memory loss and network hyperexcitability in a mouse model of Alzheimer's disease. <i>Molecular Psychiatry</i> , 2020, 25, 3380-3398.	7.9	120
3	BACE inhibition-dependent repair of Alzheimer's pathophysiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8631-8636.	7.1	93
4	<i>Lrrk2</i> alleles modulate inflammation during microbial infection of mice in a sex-dependent manner. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	67
5	G2019S LRRK2 mutation facilitates α -synuclein neuropathology in aged mice. <i>Neurobiology of Disease</i> , 2018, 120, 21-33.	4.4	56
6	Genetic and pharmacological evidence that G2019S LRRK2 confers a hyperkinetic phenotype, resistant to motor decline associated with aging. <i>Neurobiology of Disease</i> , 2014, 71, 62-73.	4.4	48
7	The HSP70 Molecular Chaperone Is Not Beneficial in a Mouse Model of α -synucleinopathy. <i>PLoS ONE</i> , 2010, 5, e10014.	2.5	40
8	Microglial inclusions and neurofilament light chain release follow neuronal α -synuclein lesions in long-term brain slice cultures. <i>Molecular Neurodegeneration</i> , 2021, 16, 54.	10.8	20
9	Sustained Trem2 stabilization accelerates microglia heterogeneity and $A\beta$ pathology in a mouse model of Alzheimer's disease. <i>Cell Reports</i> , 2022, 39, 110883.	6.4	20
10	Excess α -synuclein worsens disease in mice lacking ubiquitin carboxy-terminal hydrolase L1. <i>Scientific Reports</i> , 2012, 2, 262.	3.3	18
11	Leucine-rich repeat kinase 2-sensitive Na^+ /Ca^{2+} exchanger activity in dendritic cells. <i>FASEB Journal</i> , 2015, 29, 1701-1710.	0.5	16
12	Constitutive silencing of LRRK2 kinase activity leads to early glucocerebrosidase deregulation and late impairment of autophagy in vivo. <i>Neurobiology of Disease</i> , 2021, 159, 105487.	4.4	16
13	Longitudinal noninvasive magnetic resonance imaging of brain microhemorrhages in BACE inhibitor-treated APP transgenic mice. <i>Neurobiology of Aging</i> , 2016, 45, 50-60.	3.1	15
14	In vivo susceptibility to energy failure parkinsonism and LRRK2 kinase activity. <i>Neurobiology of Disease</i> , 2022, 162, 105579.	4.4	8
15	Leucine-Rich Repeat Kinase 2 (Lrrk2)-Sensitive Na^+ /K^+ ATPase Activity in Dendritic Cells. <i>Scientific Reports</i> , 2017, 7, 41117.	3.3	5