Derya R Shimshek

List of Publications by Year
in descending order

15	862	687363 13	996975 15
papers	citations	h-index	g-index

16	16	16	1385
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo susceptibility to energy failure parkinsonism and LRRK2 kinase activity. Neurobiology of Disease, 2022, 162, 105579.	4.4	8
2	Sustained Trem2 stabilization accelerates microglia heterogeneity and AÎ² pathology in a mouse model of Alzheimerâ€™s disease. Cell Reports, 2022, 39, 110883.	6.4	20
3	Microglial inclusions and neurofilament light chain release follow neuronal Î±-synuclein lesions in long-term brain slice cultures. Molecular Neurodegeneration, 2021, 16, 54.	10.8	20
4	Constitutive silencing of LRRK2 kinase activity leads to early glucocerebrosidase deregulation and late impairment of autophagy in vivo. Neurobiology of Disease, 2021, 159, 105487.	4.4	16
5	Early restoration of parvalbumin interneuron activity prevents memory loss and network hyperexcitability in a mouse model of Alzheimerâ€™s disease. Molecular Psychiatry, 2020, 25, 3380-3398.	7.9	120
6	Lrrk2 alleles modulate inflammation during microbial infection of mice in a sex-dependent manner. Science Translational Medicine, 2019, 11, .	12.4	67
7	G2019S LRRK2 mutation facilitates Î±-synuclein neuropathology in aged mice. Neurobiology of Disease, 2018, 120, 21-33.	4.4	56
8	Leucine-Rich Repeat Kinase 2 (Lrrk2)-Sensitive Na+/K+ ATPase Activity in Dendritic Cells. Scientific Reports, 2017, 7, 41117.	3.3	5
9	BACE inhibition-dependent repair of Alzheimerâ€™s pathophysiology. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8631-8636.	7.1	93
10	Longitudinal noninvasive magnetic resonance imaging of brain microhemorrhages in BACE inhibitorâ€“treated APP transgenic mice. Neurobiology of Aging, 2016, 45, 50-60.	3.1	15
11	Leucineâ€rich repeat kinase 2â€sensitive Na + /Ca 2+ exchanger activity in dendritic cells. FASEB Journal, 2015, 29, 1701-1710.	0.5	16
12	Genetic and pharmacological evidence that G2019S LRRK2 confers a hyperkinetic phenotype, resistant to motor decline associated with aging. Neurobiology of Disease, 2014, 71, 62-73.	4.4	48
13	Excess Î±-synuclein worsens disease in mice lacking ubiquitin carboxy-terminal hydrolase L1. Scientific Reports, 2012, 2, 262.	3.3	18
14	LRRK2 protein levels are determined by kinase function and are crucial for kidney and lung homeostasis in mice. Human Molecular Genetics, 2011, 20, 4209-4223.	2.9	320
15	The HSP70 Molecular Chaperone Is Not Beneficial in a Mouse Model of Î±-synucleinopathy. PLoS ONE, 2010, 5, e10014.	2.5	40