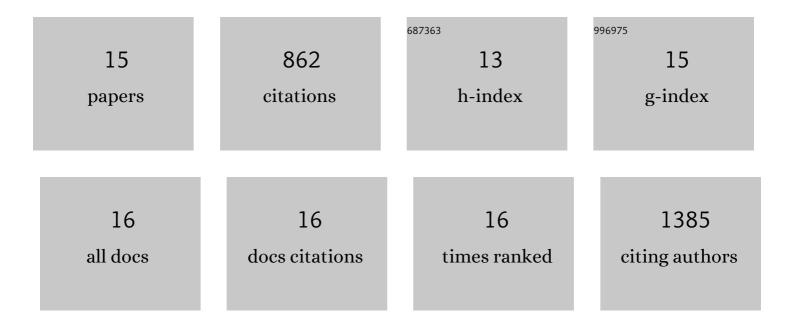
## Derya R Shimshek

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1726215/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Early restoration of parvalbumin interneuron activity prevents memory loss and network hyperexcitability in a mouse model of Alzheimer's disease. Molecular Psychiatry, 2020, 25, 3380-3398.	7.9	120
3	BACE inhibition-dependent repair of Alzheimer's pathophysiology. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8631-8636.	7.1	93
4	<i>Lrrk2</i> alleles modulate inflammation during microbial infection of mice in a sex-dependent manner. Science Translational Medicine, 2019, 11, .	12.4	67
5	G2019S LRRK2 mutation facilitates α-synuclein neuropathology in aged mice. Neurobiology of Disease, 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. Neurobiology of Disease, 2014, 71, 62-73.	4.4	48
7	The HSP70 Molecular Chaperone Is Not Beneficial in a Mouse Model of α-synucleinopathy. PLoS ONE, 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. Molecular Neurodegeneration, 2021, 16, 54.	10.8	20
9	Sustained Trem2 stabilization accelerates microglia heterogeneity and Aβ pathology in a mouse model of Alzheimer's disease. Cell Reports, 2022, 39, 110883.	6.4	20
10	Excess α-synuclein worsens disease in mice lacking ubiquitin carboxy-terminal hydrolase L1. Scientific Reports, 2012, 2, 262.	3.3	18
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	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
13	Longitudinal noninvasive magnetic resonance imaging of brain microhemorrhages in BACE inhibitor–treated APP transgenic mice. Neurobiology of Aging, 2016, 45, 50-60.	3.1	15
14	In vivo susceptibility to energy failure parkinsonism and LRRK2 kinase activity. Neurobiology of Disease, 2022, 162, 105579.	4.4	8
15	Leucine-Rich Repeat Kinase 2 (Lrrk2)-Sensitive Na+/K+ ATPase Activity in Dendritic Cells. Scientific Reports, 2017, 7, 41117.	3.3	5