

# Natalie Landeck

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

606  
citations

12  
h-index

24  
g-index

28  
ext. papers

846  
ext. citations

8.7  
avg, IF

3.48  
L-index

#	Paper	IF	Citations
24	Hippocampal Lewy pathology and cholinergic dysfunction are associated with dementia in Parkinson's disease. <i>Brain</i> , <b>2014</b> , 137, 2493-508	11.2	173
23	Boosting chaperone-mediated autophagy in vivo mitigates $\beta$ synuclein-induced neurodegeneration. <i>Brain</i> , <b>2013</b> , 136, 2130-46	11.2	148
22	Rapid, reproducible transduction of select forebrain regions by targeted recombinant virus injection into the neonatal mouse brain. <i>Journal of Neuroscience Methods</i> , <b>2009</b> , 182, 55-63	3	49
21	LRRK2 mediates tubulation and vesicle sorting from lysosomes. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	48
20	Transcriptome analysis of LRRK2 knock-out microglia cells reveals alterations of inflammatory- and oxidative stress-related pathways upon treatment with $\beta$ synuclein fibrils. <i>Neurobiology of Disease</i> , <b>2019</b> , 129, 67-78	7.5	30
19	A novel multiplex assay for simultaneous quantification of total and S129 phosphorylated human alpha-synuclein. <i>Molecular Neurodegeneration</i> , <b>2016</b> , 11, 61	19	24
18	Characterization of cognitive deficits in rats overexpressing human alpha-synuclein in the ventral tegmental area and medial septum using recombinant adeno-associated viral vectors. <i>PLoS ONE</i> , <b>2013</b> , 8, e64844	3.7	17
17	Toxic effects of human and rodent variants of alpha-synuclein in vivo. <i>European Journal of Neuroscience</i> , <b>2017</b> , 45, 536-547	3.5	16
16	Sequential screening nominates the Parkinson's disease associated kinase LRRK2 as a regulator of Clathrin-mediated endocytosis. <i>Neurobiology of Disease</i> , <b>2020</b> , 141, 104948	7.5	13
15	Extracellular clusterin limits the uptake of $\beta$ synuclein fibrils by murine and human astrocytes. <i>Glia</i> , <b>2021</b> , 69, 681-696	9	13
14	LAG3 is not expressed in human and murine neurons and does not modulate $\beta$ synucleinopathies. <i>EMBO Molecular Medicine</i> , <b>2021</b> , 13, e14745	12	13
13	Ser129 phosphorylation of endogenous $\beta$ synuclein induced by overexpression of polo-like kinases 2 and 3 in nigral dopamine neurons is not detrimental to their survival and function. <i>Neurobiology of Disease</i> , <b>2015</b> , 78, 100-14	7.5	12
12	In vivo quantification of glial activation in minipigs overexpressing human $\beta$ synuclein. <i>Synapse</i> , <b>2018</b> , 72, e22060	2.4	9
11	Mutations in LRRK2 linked to Parkinson disease sequester Rab8a to damaged lysosomes and regulate transferrin-mediated iron uptake in microglia.. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001480	9.7	8
10	Longitudinal monoaminergic PET imaging of chronic proteasome inhibition in minipigs. <i>Scientific Reports</i> , <b>2018</b> , 8, 15715	4.9	7
9	LRRK2 mediates tubulation and vesicle sorting from membrane damaged lysosomes		6
8	Pathogenic mutations in LRRK2 sequester Rab8a to damaged lysosomes and regulate transferrin-mediated iron uptake in microglia		5

7	Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , <b>2021</b> , 78, 1236-1248	17.2	5
6	Mutations in Auxilin cause parkinsonism via impaired clathrin-mediated trafficking at the Golgi apparatus and synapse		3
5	Two C-terminal sequence variations determine differential neurotoxicity between human and mouse $\beta$ synuclein. <i>Molecular Neurodegeneration</i> , <b>2020</b> , 15, 49	19	3
4	Two C-terminal sequence variations determine differential neurotoxicity between human and mouse $\beta$ synuclein		2
3	Assessment of brain metabolite correlates of adeno-associated virus-mediated over-expression of human alpha-synuclein in cortical neurons by in vivo (1) H-MR spectroscopy at 9.4 T. <i>Journal of Neurochemistry</i> , <b>2016</b> , 137, 806-19	6	1
2	Preclinical Experimentation in Neurology <b>2019</b> , 583-606		
1	Induction of Chaperone-Mediated Autophagy as a Means to Attenuate Alpha-Synuclein-Mediated Neurotoxicity <b>2014</b> , 129-130		