

Natalie Landeck

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,032
citations

623699

14
h-index

794568

19
g-index

28
all docs

28
docs citations

28
times ranked

1952
citing authors

#	ARTICLE	IF	CITATIONS
1	Hippocampal Lewy pathology and cholinergic dysfunction are associated with dementia in Parkinson's disease. <i>Brain</i> , 2014, 137, 2493-2508.	7.6	232
2	Boosting chaperone-mediated autophagy in vivo mitigates α -synuclein-induced neurodegeneration. <i>Brain</i> , 2013, 136, 2130-2146.	7.6	175
3	LRRK2 mediates tubulation and vesicle sorting from lysosomes. <i>Science Advances</i> , 2020, 6, .	10.3	140
4	Rapid, reproducible transduction of select forebrain regions by targeted recombinant virus injection into the neonatal mouse brain. <i>Journal of Neuroscience Methods</i> , 2009, 182, 55-63.	2.5	57
5	Transcriptome analysis of LRRK2 knock-out microglia cells reveals alterations of inflammatory- and oxidative stress-related pathways upon treatment with α -synuclein fibrils. <i>Neurobiology of Disease</i> , 2019, 129, 67-78.	4.4	53
6	Mutations in LRRK2 linked to Parkinson disease sequester Rab8a to damaged lysosomes and regulate transferrin-mediated iron uptake in microglia. <i>PLoS Biology</i> , 2021, 19, e3001480.	5.6	48
7	Association of Variants in the <i>SPTLC1</i> Gene With Juvenile Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , 2021, 78, 1236.	9.0	46
8	LAG3 is not expressed in human and murine neurons and does not modulate α -synucleinopathies. <i>EMBO Molecular Medicine</i> , 2021, 13, e14745.	6.9	44
9	A novel multiplex assay for simultaneous quantification of total and S129 phosphorylated human alpha-synuclein. <i>Molecular Neurodegeneration</i> , 2016, 11, 61.	10.8	39
10	Extracellular clusterin limits the uptake of α -synuclein fibrils by murine and human astrocytes. <i>Glia</i> , 2021, 69, 681-696.	4.9	32
11	Sequential screening nominates the Parkinson's disease associated kinase LRRK2 as a regulator of Clathrin-mediated endocytosis. <i>Neurobiology of Disease</i> , 2020, 141, 104948.	4.4	27
12	Ser129 phosphorylation of endogenous α -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> , 2015, 78, 100-114.	4.4	24
13	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> , 2013, 8, e64844.	2.5	21
14	Toxic effects of human and rodent variants of alpha-synuclein <i>in vivo</i> . <i>European Journal of Neuroscience</i> , 2017, 45, 536-547.	2.6	21
15	In vivo quantification of glial activation in minipigs overexpressing human α -synuclein. <i>Synapse</i> , 2018, 72, e22060.	1.2	15
16	Longitudinal monoaminergic PET imaging of chronic proteasome inhibition in minipigs. <i>Scientific Reports</i> , 2018, 8, 15715.	3.3	12
17	Two C-terminal sequence variations determine differential neurotoxicity between human and mouse α -synuclein. <i>Molecular Neurodegeneration</i> , 2020, 15, 49.	10.8	6
18	Assessment of brain metabolite correlates of adeno-associated virus-mediated overexpression of human alpha-synuclein in cortical neurons by <i>in vivo</i> ¹ H-MRS spectroscopy at 9.4 T. <i>Journal of Neurochemistry</i> , 2016, 137, 806-819.	3.9	3

#	ARTICLE	IF	CITATIONS
19	Preclinical Experimentation in Neurology. , 2019, , 583-606.		0
20	Stereotaxic Intracranial Delivery of Chemicals, Proteins or Viral Vectors to Study Parkinson's Disease. Journal of Visualized Experiments, 2021, , .	0.3	0
21	Induction of Chaperone-Mediated Autophagy as a Means to Attenuate Alpha-Synuclein-Mediated Neurotoxicity. , 2014, , 129-130.		0