

# Derek P Narendra

## List of Publications by Citations

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37  
papers

18,325  
citations

20  
h-index

47  
g-index

47  
ext. papers

21,154  
ext. citations

11.4  
avg, IF

6.55  
L-index

#	Paper	IF	Citations
37	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
36	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	10.2	2783
35	Parkin is recruited selectively to impaired mitochondria and promotes their autophagy. <i>Journal of Cell Biology</i> , <b>2008</b> , 183, 795-803	7.3	2766
34	Mechanisms of mitophagy. <i>Nature Reviews Molecular Cell Biology</i> , <b>2011</b> , 12, 9-14	48.7	2153
33	PINK1 is selectively stabilized on impaired mitochondria to activate Parkin. <i>PLoS Biology</i> , <b>2010</b> , 8, e1000298	9.8	1887
32	Proteasome and p97 mediate mitophagy and degradation of mitofusins induced by Parkin. <i>Journal of Cell Biology</i> , <b>2010</b> , 191, 1367-80	7.3	989
31	Mitochondrial membrane potential regulates PINK1 import and proteolytic destabilization by PARL. <i>Journal of Cell Biology</i> , <b>2010</b> , 191, 933-42	7.3	859
30	p62/SQSTM1 is required for Parkin-induced mitochondrial clustering but not mitophagy; VDAC1 is dispensable for both. <i>Autophagy</i> , <b>2010</b> , 6, 1090-106	10.2	580
29	Identification of novel risk loci, causal insights, and heritable risk for Parkinson's disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , <b>2019</b> , 18, 1091-1102	24.1	562
28	Parkin and PINK1 mitigate STING-induced inflammation. <i>Nature</i> , <b>2018</b> , 561, 258-262	50.4	509
27	Targeting mitochondrial dysfunction: role for PINK1 and Parkin in mitochondrial quality control. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 14, 1929-38	8.4	269
26	Parkin overexpression selects against a deleterious mtDNA mutation in heteroplasmic cybrid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 11835-40	11.5	243
25	Mitochondrial quality control mediated by PINK1 and Parkin: links to parkinsonism. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2012</b> , 4,	10.2	220
24	PINK1 drives Parkin self-association and HECT-like E3 activity upstream of mitochondrial binding. <i>Journal of Cell Biology</i> , <b>2013</b> , 200, 163-72	7.3	186
23	Parkin-induced mitophagy in the pathogenesis of Parkinson disease. <i>Autophagy</i> , <b>2009</b> , 5, 706-8	10.2	181
22	Mitochondrial Dysfunction and Mitophagy in Parkinson's Disease: From Mechanism to Therapy. <i>Trends in Biochemical Sciences</i> , <b>2021</b> , 46, 329-343	10.3	67
21	When patients lack capacity: the roles that patients with terminal diagnoses would choose for their physicians and loved ones in making medical decisions. <i>Journal of Pain and Symptom Management</i> , <b>2005</b> , 30, 342-53	4.8	66

20	Penetrance of Parkinson's Disease in LRRK2 p.G2019S Carriers Is Modified by a Polygenic Risk Score. <i>Movement Disorders</i> , <b>2020</b> , 35, 774-780	7	27
19	CHCHD2 accumulates in distressed mitochondria and facilitates oligomerization of CHCHD10. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 3881-3900	5.6	22
18	PINK1 rendered temperature sensitive by disease-associated and engineered mutations. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 2572-89	5.6	20
17	Loss of CHCHD2 and CHCHD10 activates OMA1 peptidase to disrupt mitochondrial cristae phenocopying patient mutations. <i>Human Molecular Genetics</i> , <b>2020</b> , 29, 1547-1567	5.6	15
16	Peripheral synucleinopathy in a patient with Parkinson disease, cataracts, and hearing loss. <i>Neurology</i> , <b>2019</b> , 92, 1113-1115	6.5	12
15	Coupling APEX labeling to imaging mass spectrometry of single organelles reveals heterogeneity in lysosomal protein turnover. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	8
14	Mt-Keima detects PINK1-PRKN mitophagy with greater sensitivity than mito-QC. <i>Autophagy</i> , <b>2021</b> , 17, 3753-3762	10.2	8
13	Investigation of Autosomal Genetic Sex Differences in Parkinson's Disease. <i>Annals of Neurology</i> , <b>2021</b> , 90, 35-42	9.4	6
12	Managing risky assets - mitophagy in vivo. <i>Journal of Cell Science</i> , <b>2021</b> , 134,	5.3	4
11	Detection of mitophagy in mammalian cells, mice, and yeast. <i>Methods in Cell Biology</i> , <b>2020</b> , 155, 557-579	1.8	3
10	α-Synuclein Deposition in Sympathetic Nerve Fibers in Genetic Forms of Parkinson's Disease. <i>Movement Disorders</i> , <b>2021</b> , 36, 2346-2357	7	3
9	PARKIN/PINK1 Pathway for the Selective Isolation and Degradation of Impaired Mitochondria <b>2016</b> , 159-182		2
8	An anomalous developmental venous anomaly. <i>Neurology</i> , <b>2014</b> , 83, 1033-4	6.5	2
7	Teaching Neurolmages: brain mass with hilar adenopathy: the importance of histologic diagnosis. <i>Neurology</i> , <b>2014</b> , 82, e161-2	6.5	2
6	Metabolic Analysis at the Nanoscale with Multi-Isotope Imaging Mass Spectrometry (MIMS). <i>Current Protocols in Cell Biology</i> , <b>2020</b> , 88, e111	2.3	2
5	Comment on "mt-Keima detects PINK1-PRKN mitophagy with greater sensitivity than mito-QC". <i>Autophagy</i> , <b>2021</b> , 1-2	10.2	2
4	Finding genetically-supported drug targets for Parkinson's disease using Mendelian randomization of the druggable genome.. <i>Nature Communications</i> , <b>2021</b> , 12, 7342	17.4	2
3	Discovery of bactericides as an acute mitochondrial membrane damage inducer. <i>Molecular Biology of the Cell</i> , <b>2021</b> , 32, ar32	3.5	1

- 2 A Woman in Her 40s With Headache and New-Onset Seizures. *JAMA Neurology*, **2017**, 74, 476-480 17.2
- 1 Author response: Peripheral synucleinopathy in a DJ1 patient with Parkinson disease, cataracts, and hearing loss. *Neurology*, **2020**, 94, 944 6.5