Yvette C Wong

List of Publications by Year
in descending order

23 papers	4,442 citations	361413 20 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	7638 citing authors

#	Article	IF	Citations
1	Î±-synuclein toxicity in neurodegeneration: mechanism and therapeutic strategies. Nature Medicine, 2017, 23, 1-13.	30.7	688
2	Optineurin is an autophagy receptor for damaged mitochondria in parkin-mediated mitophagy that is disrupted by an ALS-linked mutation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4439-48.	7.1	646
3	Dopamine oxidation mediates mitochondrial and lysosomal dysfunction in Parkinsonâ€™s disease. Science, 2017, 357, 1255-1261.	12.6	600
4	Mitochondriaâ€“lysosome contacts regulate mitochondrial fission via RAB7 GTP hydrolysis. Nature, 2018, 554, 382-386.	27.8	564
5	The Regulation of Autophagosome Dynamics by Huntingtin and HAP1 Is Disrupted by Expression of Mutant Huntingtin, Leading to Defective Cargo Degradation. Journal of Neuroscience, 2014, 34, 1293-1305.	3.6	310
6	Synaptic, Mitochondrial, and Lysosomal Dysfunction in Parkinsonâ€™s Disease. Trends in Neurosciences, 2019, 42, 140-149.	8.6	206
7	Regulation and Function of Mitochondriaâ€“Lysosome Membrane Contact Sites in Cellular Homeostasis. Trends in Cell Biology, 2019, 29, 500-513.	7.9	203
8	Dynamic actin cycling through mitochondrial subpopulations locally regulates the fissionâ€“fusion balance within mitochondrial networks. Nature Communications, 2016, 7, 12886.	12.8	201
9	Mitochondria-lysosome contacts regulate mitochondrial Ca ²⁺ dynamics via lysosomal TRPML1. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19266-19275.	7.1	164
10	Plasma apolipoprotein A1 as a biomarker for Parkinson disease. Annals of Neurology, 2013, 74, 119-127.	5.3	116
11	Autophagosome dynamics in neurodegeneration at a glance. Journal of Cell Science, 2015, 128, 1259-1267.	2.0	114
12	Progranulin-mediated deficiency of cathepsin D results in FTD and NCL-like phenotypes in neurons derived from FTD patients. Human Molecular Genetics, 2017, 26, 4861-4872.	2.9	100
13	Dysregulation of mitochondria-lysosome contacts by GBA1 dysfunction in dopaminergic neuronal models of Parkinsonâ€™s disease. Nature Communications, 2021, 12, 1807.	12.8	99
14	Increased Lysosomal Exocytosis Induced by Lysosomal Ca²⁺ Channel Agonists Protects Human Dopaminergic Neurons from Î±-Synuclein Toxicity. Journal of Neuroscience, 2019, 39, 5760-5772.	3.6	93
15	Temporal dynamics of PARK2/parkin and OPTN/optineurin recruitment during the mitophagy of damaged mitochondria. Autophagy, 2015, 11, 422-424.	9.1	73
16	Neuronal vulnerability in Parkinson disease: Should the focus be on axons and synaptic terminals?. Movement Disorders, 2019, 34, 1406-1422.	3.9	62
17	Lysosomal Regulation of Inter-mitochondrial Contact Fate and Motility in Charcot-Marie-Tooth Type 2. Developmental Cell, 2019, 50, 339-354.e4.	7.0	59
18	Lysosomal trafficking defects link Parkinson's disease with Gaucher's disease. Movement Disorders, 2016, 31, 1610-1618.	3.9	47

#	Article	IF	Citations
19	Mitochondria-lysosome contact site dynamics and misregulation in neurodegenerative diseases. Trends in Neurosciences, 2022, 45, 312-322.	8.6	40
20	The Parkinsonâ€™s disease-linked protein TMEM230 is required for Rab8a-mediated secretory vesicle trafficking and retromer trafficking. Human Molecular Genetics, 2017, 26, ddw413.	2.9	35
21	Dominant mutations in MIEF1 affect mitochondrial dynamics and cause a singular late onset optic neuropathy. Molecular Neurodegeneration, 2021, 16, 12.	10.8	13
22	Neurons undergo pathogenic metabolic reprogramming in models of familial ALS. Molecular Metabolism, 2022, 60, 101468.	6.5	6
23	Live cell microscopy of mitochondria-lysosome contact site formation and tethering dynamics. STAR Protocols, 2022, 3, 101262.	1.2	3