Tomoki Kuwahara

List of Publications by Year
in descending order

18	1,702	759233 12	839539 18
papers	citations	h-index	g-index

20	20	20	2596
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	RAB7L1 Interacts with LRRK2 to Modify Intraneuronal Protein Sorting and Parkinsonâ€™s Disease Risk. Neuron, 2013, 77, 425-439.	8.1	500
2	LRRK2 and its substrate Rab GTPases are sequentially targeted onto stressed lysosomes and maintain their homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9115-E9124.	7.1	222
3	LRRK2 Modulates Vulnerability to Mitochondrial Dysfunction in Caenorhabditis elegans. Journal of Neuroscience, 2009, 29, 9210-9218.	3.6	220
4	Familial Parkinson Mutant Î±-Synuclein Causes Dopamine Neuron Dysfunction in Transgenic Caenorhabditis elegans. Journal of Biological Chemistry, 2006, 281, 334-340.	3.4	163
5	A systematic RNAi screen reveals involvement of endocytic pathway in neuronal dysfunction in Î±-synuclein transgenic C . elegans. Human Molecular Genetics, 2008, 17, 2997-3009.	2.9	139
6	LRRK2 and RAB7L1 coordinately regulate axonal morphology and lysosome integrity in diverse cellular contexts. Scientific Reports, 2016, 6, 29945.	3.3	111
7	Parkinson's disease-associated mutant LRRK2 phosphorylates Rab7L1 and modifies trans-Golgi morphology. Biochemical and Biophysical Research Communications, 2018, 495, 1708-1715.	2.1	78
8	Phosphorylation of Î±-Synuclein Protein at Ser-129 Reduces Neuronal Dysfunction by Lowering Its Membrane Binding Property in Caenorhabditis elegans. Journal of Biological Chemistry, 2012, 287, 7098-7109.	3.4	67
9	Roles of lysosomotropic agents on LRRK2 activation and Rab10 phosphorylation. Neurobiology of Disease, 2020, 145, 105081.	4.4	49
10	The Emerging Functions of LRRK2 and Rab GTPases in the Endolysosomal System. Frontiers in Neuroscience, 2020, 14, 227.	2.8	47
11	Proteomics ofCaenorhabditis elegans over-expressing humanÎ±-synuclein analyzed by fluorogenic derivatizationâ€“liquid chromatography/tandem mass spectrometry: identification of actin and several ribosomal proteins as negative markers at early Parkinson's disease stages. Biomedical Chromatography, 2008, 22, 232-234.	1.7	42
12	Lack of Correlation between the Kinase Activity of LRRK2 Harboring Kinase-Modifying Mutations and Its Phosphorylation at Ser910, 935, and Ser955. PLoS ONE, 2014, 9, e97988.	2.5	27
13	Seeding Activity-Based Detection Uncovers the Different Release Mechanisms of Seed-Competent Tau Versus Inert Tau via Lysosomal Exocytosis. Frontiers in Neuroscience, 2019, 13, 1258.	2.8	14
14	Targeting of Lysosomal Pathway Genes for Parkinson's Disease Modification: Insights From Cellular and Animal Models. Frontiers in Neurology, 2021, 12, 681369.	2.4	10
15	Two Methods to Analyze LRRK2 Functions Under Lysosomal Stress: The Measurements of Cathepsin Release and Lysosomal Enlargement. Methods in Molecular Biology, 2021, 2322, 63-72.	0.9	4
16	RAB7L1 Interacts with LRRK2 to Modify Intraneuronal Protein Sorting and Parkinsonâ€™s Disease Risk. Neuron, 2013, 79, 202-203.	8.1	2
17	RAB7L1 Interacts with LRRK2 to Modify Intraneuronal Protein Sorting and Parkinsonâ€™s Disease Risk. Neuron, 2013, 77, 994.	8.1	2
18	The Functional Assessment of LRRK2 in Caenorhabditis elegans Mechanosensory Neurons. Methods in Molecular Biology, 2021, 2322, 175-184.	0.9	1