

# Tomoki Kuwahara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8037430/publications.pdf>

Version: 2024-02-01

18  
papers

1,702  
citations

759233

12  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2596  
citing authors

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