

# Chih-Chiang Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

771  
citations

567281

15  
h-index

552781

26  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1326  
citing authors

| #  | ARTICLE                                                                                                                                                                                               | IF   | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Systematic Discovery of Rab GTPases with Synaptic Functions in <i>Drosophila</i> . <i>Current Biology</i> , 2011, 21, 1704-1715.                                                                      | 3.9  | 122       |
| 2  | A recurrent WARS mutation is a novel cause of autosomal dominant distal hereditary motor neuropathy. <i>Brain</i> , 2017, 140, 1252-1266.                                                             | 7.6  | 75        |
| 3  | Membrane trafficking in neuronal maintenance and degeneration. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2919-2934.                                                                     | 5.4  | 62        |
| 4  | Charcot-Marie-Tooth 2B mutations in <i>rab7</i> cause dosage-dependent neurodegeneration due to partial loss of function. <i>ELife</i> , 2013, 2, e01064.                                             | 6.0  | 62        |
| 5  | Mutations in the Human naked cuticle Homolog NKD1 Found in Colorectal Cancer Alter Wnt/Dvl/ $\beta$ -Catenin Signaling. <i>PLoS ONE</i> , 2009, 4, e7982.                                             | 2.5  | 44        |
| 6  | Atg9 antagonizes TOR signaling to regulate intestinal cell growth and epithelial homeostasis in <i>Drosophila</i> . <i>ELife</i> , 2017, 6, .                                                         | 6.0  | 40        |
| 7  | Mitochondrial <i>UQCRC1</i> mutations cause autosomal dominant parkinsonism with polyneuropathy. <i>Brain</i> , 2020, 143, 3352-3373.                                                                 | 7.6  | 37        |
| 8  | Serrano (Sano) Functions with the Planar Cell Polarity Genes to Control Tracheal Tube Length. <i>PLoS Genetics</i> , 2009, 5, e1000746.                                                               | 3.5  | 35        |
| 9  | Lipophagy prevents activity-dependent neurodegeneration due to dihydroceramide accumulation <i>in vivo</i> . <i>EMBO Reports</i> , 2017, 18, 1150-1165.                                               | 4.5  | 34        |
| 10 | Mitochondrial Function and Parkinson's Disease: From the Perspective of the Electron Transport Chain. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 797833.                                  | 2.9  | 25        |
| 11 | Similarities of <i>Drosophila</i> <i>rab</i> GTPases Based on Expression Profiling: Completion and Analysis of the <i>rab-Gal4</i> Kit. <i>PLoS ONE</i> , 2012, 7, e40912.                            | 2.5  | 23        |
| 12 | An Unconventional Nuclear Localization Motif Is Crucial for Function of the <i>Drosophila</i> Wnt/Wingless Antagonist Naked Cuticle. <i>Genetics</i> , 2006, 174, 331-348.                            | 2.9  | 21        |
| 13 | Strategies for gene disruption in <i>Drosophila</i> . <i>Cell and Bioscience</i> , 2014, 4, 63.                                                                                                       | 4.8  | 20        |
| 14 | Systematic functional analysis of <i>rab</i> GTPases reveals limits of neuronal robustness to environmental challenges in flies. <i>ELife</i> , 2021, 10, .                                           | 6.0  | 20        |
| 15 | <i>Drosophila</i> Naked cuticle ( <i>Nkd</i> ) engages the nuclear import adaptor Importin- $\beta$ 3 to antagonize Wnt/ $\beta$ -catenin signaling. <i>Developmental Biology</i> , 2008, 318, 17-28. | 2.0  | 19        |
| 16 | Piwi reduction in the aged niche eliminates germline stem cells via Toll-GSK3 signaling. <i>Nature Communications</i> , 2020, 11, 3147.                                                               | 12.8 | 18        |
| 17 | Differential protective effects of connective tissue growth factor against $A\beta$ neurotoxicity on neurons and glia. <i>Human Molecular Genetics</i> , 2017, 26, 3909-3921.                         | 2.9  | 17        |
| 18 | Dihydroceramide desaturase regulates the compartmentalization of Rac1 for neuronal oxidative stress. <i>Cell Reports</i> , 2021, 35, 108972.                                                          | 6.4  | 14        |

| #  | ARTICLE                                                                                                                                                                                         | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Dihydroceramide desaturase promotes the formation of intraluminal vesicles and inhibits autophagy to increase exosome production. <i>IScience</i> , 2021, 24, 103437.                           | 4.1 | 14        |
| 20 | UQCRC1 engages cytochrome c for neuronal apoptotic cell death. <i>Cell Reports</i> , 2021, 36, 109729.                                                                                          | 6.4 | 13        |
| 21 | Combining recombineering and ends-out homologous recombination to systematically characterize <i>Drosophila</i> gene families. <i>Communicative and Integrative Biology</i> , 2012, 5, 179-183. | 1.4 | 12        |
| 22 | Cell-autonomous, myristyl-independent activity of the <i>Drosophila</i> Wnt/Wingless antagonist Naked cuticle (Nkd). <i>Developmental Biology</i> , 2007, 311, 538-553.                         | 2.0 | 10        |
| 23 | Cellular secretion and cytotoxicity of transthyretin mutant proteins underlie late-onset amyloidosis and neurodegeneration. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1421-1434.  | 5.4 | 9         |
| 24 | Lifespan regulation in $\hat{1}\pm/\hat{1}^2$ posterior neurons of the fly mushroom bodies by Rab27. <i>Aging Cell</i> , 2020, 19, e13179.                                                      | 6.7 | 8         |
| 25 | Intracellular trafficking in <i>Drosophila</i> visual system development: A basis for pattern formation through simple mechanisms. <i>Developmental Neurobiology</i> , 2011, 71, 1227-1245.     | 3.0 | 6         |
| 26 | Loss of the <i>Drosophila</i> branched-chain $\hat{1}\pm$ -keto acid dehydrogenase complex (BCKDH) results in neuronal dysfunction. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .      | 2.4 | 5         |
| 27 | <i>Drosophila</i> as a model to study autophagy in neurodegenerative diseases and digestive tract. <i>IUBMB Life</i> , 2022, 74, 339-360.                                                       | 3.4 | 1         |
| 28 | Subcellular Resolution Imaging in Neural Circuits. <i>Neuromethods</i> , 2012, , 61-89.                                                                                                         | 0.3 | 0         |
| 29 | UQCRC1 Engages Cytochrome C for Neuronal Apoptotic Cell Death. <i>SSRN Electronic Journal</i> , 0, , .                                                                                          | 0.4 | 0         |