

Ai Yamamoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5774085/publications.pdf>

Version: 2024-02-01

27
papers

10,205
citations

567281

15
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

22695
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 9.1 | 3,122 |
| 3 | Loss of mTOR-Dependent Macroautophagy Causes Autistic-like Synaptic Pruning Deficits. <i>Neuron</i> , 2014, 83, 1131-1143. | 8.1 | 863 |
| 4 | The Selective Macroautophagic Degradation of Aggregated Proteins Requires the PI3P-Binding Protein Alf. <i>Molecular Cell</i> , 2010, 38, 265-279. | 9.7 | 390 |
| 5 | Lipidation of the LC3/GABARAP family of autophagy proteins relies on a membrane-curvature-sensing domain in Atg3. <i>Nature Cell Biology</i> , 2014, 16, 415-424. | 10.3 | 221 |
| 6 | Autophagy and Its Normal and Pathogenic States in the Brain. <i>Annual Review of Neuroscience</i> , 2014, 37, 55-78. | 10.7 | 165 |
| 7 | The elimination of accumulated and aggregated proteins: A role for aggrephagy in neurodegeneration. <i>Neurobiology of Disease</i> , 2011, 43, 17-28. | 4.4 | 147 |
| 8 | A role for autophagy in Huntington's disease. <i>Neurobiology of Disease</i> , 2019, 122, 16-22. | 4.4 | 104 |
| 9 | NIPSNAP1 and NIPSNAP2 Act as "Eat Me" Signals for Mitophagy. <i>Developmental Cell</i> , 2019, 49, 509-525.e12.7.0 | | 104 |
| 10 | A Time Course Analysis of the Electrophysiological Properties of Neurons Differentiated from Human Induced Pluripotent Stem Cells (iPSCs). <i>PLoS ONE</i> , 2014, 9, e103418. | 2.5 | 103 |
| 11 | Autophagy linked FYVE (Alfy/WDFY3) is required for establishing neuronal connectivity in the mammalian brain. <i>ELife</i> , 2016, 5, . | 6.0 | 78 |
| 12 | Huntington's Disease Pathogenesis Is Modified In Vivo by Alfy/Wdfy3 and Selective Macroautophagy. <i>Neuron</i> , 2020, 105, 813-821.e6. | 8.1 | 49 |
| 13 | Macroautophagy in CNS health and disease. <i>Nature Reviews Neuroscience</i> , 2022, 23, 411-427. | 10.2 | 44 |
| 14 | Cell-type-specific regulation of neuronal intrinsic excitability by macroautophagy. <i>ELife</i> , 2020, 9, . | 6.0 | 28 |
| 15 | Distinguishing aggregate formation and aggregate clearance using cell based assays. <i>Journal of Cell Science</i> , 2016, 129, 1260-70. | 2.0 | 26 |
| 16 | Alfy-dependent elimination of aggregated proteins by macroautophagy. <i>Autophagy</i> , 2011, 7, 346-350. | 9.1 | 15 |
| 17 | Dissolving the Complex Role Aggregation Plays in Neurodegenerative Disease. <i>Movement Disorders</i> , 2021, 36, 1061-1069. | 3.9 | 9 |
| 18 | A highly conserved glutamic acid in <sc>ALFY</sc> inhibits membrane binding to aid in aggregate clearance. <i>Traffic</i> , 2021, 22, 23-37. | 2.7 | 7 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | The distribution and density of Huntingtin inclusions across the Huntington disease neocortex: regional correlations with Huntingtin repeat expansion independent of pathologic grade. <i>Acta Neuropathologica Communications</i> , 2022, 10, 55. | 5.2 | 7 |
| 20 | Do Changes in Synaptic Autophagy Underlie the Cognitive Impairments in Huntington's Disease?. <i>Journal of Huntington's Disease</i> , 2021, 10, 227-238. | 1.9 | 5 |
| 21 | CLEARance wars: PolyQ strikes back. <i>Nature Neuroscience</i> , 2014, 17, 1140-1142. | 14.8 | 3 |
| 22 | Monitoring Aggregate Clearance and Formation in Cell-Based Assays. <i>Methods in Molecular Biology</i> , 2019, 1873, 157-169. | 0.9 | 2 |
| 23 | Examining aggregates through the eyes of WDFY3/Alfy. <i>Autophagy</i> , 2020, 16, 967-968. | 9.1 | 2 |
| 24 | Go for the Golgi: Eating selectively with Calcoco1. <i>Journal of Cell Biology</i> , 2021, 220, . | 5.2 | 2 |
| 25 | Living in $\hat{\pm}$ -syn: Tackling aggregates in Parkinson's disease. <i>Neuron</i> , 2022, 110, 351-352. | 8.1 | 2 |
| 26 | ALFY localizes to early endosomes and cellular protrusions to facilitate directional cell migration. <i>Journal of Cell Science</i> , 2022, , . | 2.0 | 1 |
| 27 | Abstract 11646: <i>ATVB Outstanding Research Award</i> : WDFY3 is Required for the Efficient Degradation of Engulfed Apoptotic Cells by Macrophages During Efferocytosis. <i>Circulation</i> , 2021, 144, . | 1.6 | 0 |