

Ming Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3300280/publications.pdf>

Version: 2024-02-01

35
papers

9,636
citations

257450

24
h-index

414414

32
g-index

41
all docs

41
docs citations

41
times ranked

18106
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	<i>Drosophila pink1</i> is required for mitochondrial function and interacts genetically with parkin. <i>Nature</i> , 2006, 441, 1162-1166.	27.8	1,574
3	The Parkinson's disease genes <i>pink1</i> and <i>parkin</i> promote mitochondrial fission and/or inhibit fusion in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14503-14508.	7.1	624
4	Control of Daughter Cell Fates during Asymmetric Division: Interaction of Numb and Notch. <i>Neuron</i> , 1996, 17, 27-41.	8.1	620
5	Pink1, Parkin, DJ-1 and mitochondrial dysfunction in Parkinson's disease. <i>Current Opinion in Neurobiology</i> , 2007, 17, 331-337.	4.2	251
6	MUL1 acts in parallel to the PINK1/parkin pathway in regulating mitofusin and compensates for loss of PINK1/parkin. <i>ELife</i> , 2014, 3, e01958.	6.0	235
7	Roles of the <i>Drosophila</i> LRRK2 homolog in Rab7-dependent lysosomal positioning. <i>Human Molecular Genetics</i> , 2012, 21, 1350-1363.	2.9	194
8	A Synthetic Maternal-Effect Selfish Genetic Element Drives Population Replacement in <i>Drosophila</i> . <i>Science</i> , 2007, 316, 597-600.	12.6	188
9	Caspase-Dependent Cell Death in <i>Drosophila</i> . <i>Annual Review of Cell and Developmental Biology</i> , 2006, 22, 623-650.	9.4	179
10	tramtrack acts downstream of numb to specify distinct daughter cell fates during asymmetric cell divisions in the <i>drosophila</i> PNS. <i>Neuron</i> , 1995, 14, 913-925.	8.1	109
11	Molecular Insights into Parkinson's Disease. <i>Progress in Molecular Biology and Translational Science</i> , 2012, 107, 125-188.	1.7	83
12	The genetics of cell death: approaches, insights and opportunities in <i>Drosophila</i> . <i>Nature Reviews Genetics</i> , 2004, 5, 911-922.	16.3	81
13	Selective removal of deletion-bearing mitochondrial DNA in heteroplasmic <i>Drosophila</i> . <i>Nature Communications</i> , 2016, 7, 13100.	12.8	79
14	Loss-of-Function Analysis Suggests That <i>Omi/HtrA2</i> Is Not an Essential Component of the <i>pink1/parkin</i> Pathway <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2008, 28, 14500-14510.	3.6	77
15	<i>Drosophila</i> as a Model to Study Mitochondrial Dysfunction in Parkinson's Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a009944-a009944.	6.2	76
16	Valosin-containing protein (VCP/p97) inhibitors relieve Mitofusin-dependent mitochondrial defects due to VCP disease mutants. <i>ELife</i> , 2017, 6, .	6.0	63
17	Engineering the Composition and Fate of Wild Populations with Gene Drive. <i>Annual Review of Entomology</i> , 2021, 66, 407-434.	11.8	61
18	Novel alleles of the <i>Drosophila</i> LRRK2 homolog reveal a crucial role in endolysosomal functions and autophagy <i>in vivo</i> . <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1351-63.	2.4	57

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19	Developmental analysis of the dopamine-containing neurons of the <i>Drosophila</i> brain. <i>Journal of Comparative Neurology</i> , 2017, 525, 363-379.	1.6	53
20	Coupling Cell Growth, Proliferation, and Death. <i>Developmental Cell</i> , 2003, 5, 361-363.	7.0	43
21	ubiquilin antagonizes presenilin and promotes neurodegeneration in <i>Drosophila</i> . <i>Human Molecular Genetics</i> , 2008, 17, 293-302.	2.9	41
22	Atg1-mediated autophagy suppresses tissue degeneration in <i>pink1/parkin</i> mutants by promoting mitochondrial fission in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2018, 29, 3082-3092.	2.1	33
23	What have we learned from <i>Drosophila</i> models of Parkinson's disease?. <i>Progress in Brain Research</i> , 2010, 184, 2-16.	1.4	29
24	Mitochondrial dynamics regulates <i>Drosophila</i> intestinal stem cell differentiation. <i>Cell Death Discovery</i> , 2018, 4, 17.	4.7	28
25	A reporter for amyloid precursor protein β -secretase activity in <i>Drosophila</i> . <i>Human Molecular Genetics</i> , 2003, 12, 2669-2678.	2.9	25
26	<i>X11/Mint</i> Genes Control Polarized Localization of Axonal Membrane Proteins <i>in Vivo</i> . <i>Journal of Neuroscience</i> , 2013, 33, 8575-8586.	3.6	21
27	Protein degradation in Parkinson disease revisited: it's complex. <i>Journal of Clinical Investigation</i> , 2009, 119, 442-444.	8.2	21
28	Role of X11 and ubiquilin as <i>In Vivo</i> Regulators of the Amyloid Precursor Protein in <i>Drosophila</i> . <i>PLoS ONE</i> , 2008, 3, e2495.	2.5	20
29	Clueless/CLUH regulates mitochondrial fission by promoting recruitment of Drp1 to mitochondria. <i>Nature Communications</i> , 2022, 13, 1582.	12.8	20
30	Development of a standard of care for patients with valosin-containing protein associated multisystem proteinopathy. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 23.	2.7	19
31	Vectored gene delivery for lifetime animal contraception: Overview and hurdles to implementation. <i>Theriogenology</i> , 2018, 112, 63-74.	2.1	13
32	Identifying MicroRNA Regulators of Cell Death in <i>Drosophila</i> . , 2006, 342, 229-240.		9
33	Multiplying Messages LRRK beneath Parkinson Disease. <i>Cell</i> , 2014, 157, 291-293.	28.9	0
34	Mitochondrial Respiratory Measurements in Patient-derived Fibroblasts. <i>Bio-protocol</i> , 2019, 9, e3446.	0.4	0
35	Generation, Analyzing and <i>in-vivo</i> Drug Treatment of <i>Drosophila</i> Models with IBMPFD. <i>Bio-protocol</i> , 2020, 10, e3621.	0.4	0