

Gabor Juhasz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97
papers

12,862
citations

36
h-index

110
g-index

110
ext. papers

15,074
ext. citations

7.7
avg, IF

5.82
L-index

#	Paper	IF	Citations
97	Loss of ubiquitinated protein autophagy is compensated by persistent cnc/NFE2L2/Nrf2 antioxidant responses.. <i>Autophagy</i> , 2022 , 1-12	10.2	2
96	GMAP is an Atg8a-interacting protein that regulates Golgi turnover in Drosophila. <i>Cell Reports</i> , 2022 , 39, 110903	10.6	2
95	Degradation of arouser by endosomal microautophagy is essential for adaptation to starvation in Drosophila. <i>Life Science Alliance</i> , 2021 , 4, e202000965	5.8	5
94	The interplay between pathogens and Atg8 family proteins: thousand-faced interactions. <i>FEBS Open Bio</i> , 2021 , 11, 3237-3252	2.7	1
93	Degradation of arouser by endosomal microautophagy is essential for adaptation to starvation in. <i>Life Science Alliance</i> , 2021 , 4,	5.8	2
92	Broad Ultrastructural and Transcriptomic Changes Underlie the Multinucleated Giant Hemocyte Mediated Innate Immune Response against Parasitoids. <i>Journal of Innate Immunity</i> , 2021 , 1-20	6.9	0
91	Analysis of Drosophila Atg8 proteins reveals multiple lipidation-independent roles. <i>Autophagy</i> , 2021 , 17, 2565-2575	10.2	6
90	Lipid profiles of autophagic structures isolated from wild type and Atg2 mutant Drosophila. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158868	5	2
89	The tumor suppressor archipelago E3 ligase is required for spermatid differentiation in Drosophila testis. <i>Scientific Reports</i> , 2021 , 11, 8422	4.9	0
88	Identification of New Interactions between Endolysosomal Tethering Factors. <i>Journal of Molecular Biology</i> , 2021 , 433, 166965	6.5	1
87	The Warburg Micro Syndrome-associated Rab3GAP-Rab18 module promotes autolysosome maturation through the Vps34 Complex I. <i>FEBS Journal</i> , 2021 , 288, 190-211	5.7	7
86	Cyclobutane pyrimidine dimers from UVB exposure induce a hypermetabolic state in keratinocytes via mitochondrial oxidative stress. <i>Redox Biology</i> , 2021 , 38, 101808	11.3	9
85	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
84	Mitochondrial fission, integrity and completion of mitophagy require separable functions of Vps13D in Drosophila neurons. <i>PLoS Genetics</i> , 2021 , 17, e1009731	6	3
83	Crinophagy mechanisms and its potential role in human health and disease. <i>Progress in Molecular Biology and Translational Science</i> , 2020 , 172, 239-255	4	7
82	Silencing of PARP2 Blocks Autophagic Degradation. <i>Cells</i> , 2020 , 9,	7.9	4
81	Autophagosome-Lysosome Fusion. <i>Journal of Molecular Biology</i> , 2020 , 432, 2462-2482	6.5	64

80	Drosophila Atg9 regulates the actin cytoskeleton via interactions with profilin and Ena. <i>Cell Death and Differentiation</i> , 2020 , 27, 1677-1692	12.7	8
79	Cellular Immune Response Involving Multinucleated Giant Hemocytes with Two-Step Genome Amplification in the Drosophilid <i>Zaprionus indianus</i> . <i>Journal of Innate Immunity</i> , 2020 , 12, 257-272	6.9	2
78	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019 , 15, 1829-1832	8.3	2
77	Understanding the importance of autophagy in human diseases using Drosophila. <i>Journal of Genetics and Genomics</i> , 2019 , 46, 157-169	4	12
76	Proteasome dysfunction induces excessive proteome instability and loss of mitostasis that can be mitigated by enhancing mitochondrial fusion or autophagy. <i>Autophagy</i> , 2019 , 15, 1757-1773	10.2	19
75	Autophagy within the mushroom body protects from synapse aging in a non-cell autonomous manner. <i>Nature Communications</i> , 2019 , 10, 1318	17.4	31
74	JNK modifies neuronal metabolism to promote proteostasis and longevity. <i>Aging Cell</i> , 2019 , 18, e12849	9.9	14
73	Sperm-Leucylaminopeptidases are required for male fertility as structural components of mitochondrial paracrystalline material in <i>Drosophila melanogaster</i> sperm. <i>PLoS Genetics</i> , 2019 , 15, e1007987	6.9	10
72	Sec20 is Required for Autophagic and Endocytic Degradation Independent of Golgi-ER Retrograde Transport. <i>Cells</i> , 2019 , 8,	7.9	1
71	On the Fly: Recent Progress on Autophagy and Aging in Drosophila. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 140	5.7	27
70	Vps8 overexpression inhibits HOPS-dependent trafficking routes by outcompeting Vps41/Lt. <i>ELife</i> , 2019 , 8,	8.9	8
69	Drosophila Arl8 is a general positive regulator of lysosomal fusion events. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019 , 1866, 533-544	4.9	12
68	Investigating Non-selective Autophagy in Drosophila. <i>Methods in Molecular Biology</i> , 2019 , 1880, 589-600	1.4	6
67	Autophagy maintains stem cells and intestinal homeostasis in Drosophila. <i>Scientific Reports</i> , 2018 , 8, 4644	4.9	34
66	Small GTPases controlling autophagy-related membrane traffic in yeast and metazoans. <i>Small GTPases</i> , 2018 , 9, 465-471	2.7	8
65	Molecular mechanisms of developmentally programmed crinophagy in. <i>Journal of Cell Biology</i> , 2018 , 217, 361-374	7.3	39
64	Non-canonical role of the SNARE protein Ykt6 in autophagosome-lysosome fusion. <i>PLoS Genetics</i> , 2018 , 14, e1007359	6	46
63	Microenvironmental autophagy promotes tumour growth. <i>Nature</i> , 2017 , 541, 417-420	50.4	245

62	Rab2 promotes autophagic and endocytic lysosomal degradation. <i>Journal of Cell Biology</i> , 2017 , 216, 1937-1947	7.3	64
61	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857
60	Atg16 promotes enteroendocrine cell differentiation via regulation of intestinal Slit/Robo signaling. <i>Development (Cambridge)</i> , 2017 , 144, 3990-4001	6.6	19
59	Exploring Autophagy in Drosophila. <i>Cells</i> , 2017 , 6,	7.9	36
58	Zonda is a novel early component of the autophagy pathway in. <i>Molecular Biology of the Cell</i> , 2017 , 28, 3070-3081	3.5	11
57	Genes encoding cuticular proteins are components of the Nimrod gene cluster in Drosophila. <i>Insect Biochemistry and Molecular Biology</i> , 2017 , 87, 45-54	4.5	7
56	AUTEN-67, an autophagy-enhancing drug candidate with potent antiaging and neuroprotective effects. <i>Autophagy</i> , 2016 , 12, 273-86	10.2	35
55	iFly: The eye of the fruit fly as a model to study autophagy and related trafficking pathways. <i>Experimental Eye Research</i> , 2016 , 144, 90-8	3.7	7
54	The Ccz1-Mon1-Rab7 module and Rab5 control distinct steps of autophagy. <i>Molecular Biology of the Cell</i> , 2016 , 27, 3132-3142	3.5	108
53	Reduced expression of CDP-DAG synthase changes lipid composition and leads to male sterility in Drosophila. <i>Open Biology</i> , 2016 , 6, 50169	7	18
52	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
51	Testis-Specific Bb8 Is Essential in the Development of Spermatid Mitochondria. <i>PLoS ONE</i> , 2016 , 11, e0161289	11	11
50	Mutation in ATG5 reduces autophagy and leads to ataxia with developmental delay. <i>ELife</i> , 2016 , 5,	8.9	107
49	MiniCORVET is a Vps8-containing early endosomal tether in Drosophila. <i>ELife</i> , 2016 , 5,	8.9	32
48	Loss of Atg16 delays the alcohol-induced sedation response via regulation of Corazonin neuropeptide production in Drosophila. <i>Scientific Reports</i> , 2016 , 6, 34641	4.9	23
47	Stem-cell-specific endocytic degradation defects lead to intestinal dysplasia in Drosophila. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 501-12	4.1	15
46	A role of autophagy in spinocerebellar ataxia-Rare exception or general principle?. <i>Autophagy</i> , 2016 , 12, 1208-9	10.2	
45	A mitochondrial-derived vesicle HOPS to endolysosomes using Syntaxin-17. <i>Journal of Cell Biology</i> , 2016 , 214, 241-3	7.3	8

44	Autophagosome-lysosome fusion is independent of V-ATPase-mediated acidification. <i>Nature Communications</i> , 2015 , 6, 7007	17.4	216
43	Drosophila Gyf/GRB10 interacting GYF protein is an autophagy regulator that controls neuron and muscle homeostasis. <i>Autophagy</i> , 2015 , 11, 1358-72	10.2	27
42	How and why to study autophagy in Drosophila: it's more than just a garbage chute. <i>Methods</i> , 2015 , 75, 151-61	4.6	66
41	Retromer Ensures the Degradation of Autophagic Cargo by Maintaining Lysosome Function in Drosophila. <i>Traffic</i> , 2015 , 16, 1088-107	5.7	39
40	Loss of Drosophila Vps16A enhances autophagosome formation through reduced Tor activity. <i>Autophagy</i> , 2015 , 11, 1209-15	10.2	7
39	Autophagy in Drosophila: from historical studies to current knowledge. <i>BioMed Research International</i> , 2014 , 2014, 273473	3	47
38	The putative HORMA domain protein Atg101 dimerizes and is required for starvation-induced and selective autophagy in Drosophila. <i>BioMed Research International</i> , 2014 , 2014, 470482	3	27
37	DAAM is required for thin filament formation and Sarcomerogenesis during muscle development in Drosophila. <i>PLoS Genetics</i> , 2014 , 10, e1004166	6	25
36	Interaction of the HOPS complex with Syntaxin 17 mediates autophagosome clearance in Drosophila. <i>Molecular Biology of the Cell</i> , 2014 , 25, 1338-54	3.5	163
35	Atg17/FIP200 localizes to perilyosomal Ref(2)P aggregates and promotes autophagy by activation of Atg1 in Drosophila. <i>Autophagy</i> , 2014 , 10, 453-67	10.2	55
34	Rab11 facilitates cross-talk between autophagy and endosomal pathway through regulation of Hook localization. <i>Molecular Biology of the Cell</i> , 2014 , 25, 522-31	3.5	84
33	Nucleocytosolic depletion of the energy metabolite acetyl-coenzyme a stimulates autophagy and prolongs lifespan. <i>Cell Metabolism</i> , 2014 , 19, 431-44	24.6	189
32	Different effects of Atg2 and Atg18 mutations on Atg8a and Atg9 trafficking during starvation in Drosophila. <i>FEBS Letters</i> , 2014 , 588, 408-13	3.8	32
31	Impaired proteasomal degradation enhances autophagy via hypoxia signaling in Drosophila. <i>BMC Cell Biology</i> , 2013 , 14, 29		40
30	Myc-driven overgrowth requires unfolded protein response-mediated induction of autophagy and antioxidant responses in Drosophila melanogaster. <i>PLoS Genetics</i> , 2013 , 9, e1003664	6	69
29	A genetic model with specifically impaired autophagosome-lysosome fusion. <i>Autophagy</i> , 2013 , 9, 1251-210.2	10.2	6
28	Evolutionarily conserved role and physiological relevance of a STX17/Syx17 (syntaxin 17)-containing SNARE complex in autophagosome fusion with endosomes and lysosomes. <i>Autophagy</i> , 2013 , 9, 1642-6	10.2	35
27	Autophagosomal Syntaxin17-dependent lysosomal degradation maintains neuronal function in Drosophila. <i>Journal of Cell Biology</i> , 2013 , 201, 531-9	7.3	216

26	Interpretation of bafilomycin, pH neutralizing or protease inhibitor treatments in autophagic flux experiments: novel considerations. <i>Autophagy</i> , 2012 , 8, 1875-6	10.2	47
25	Drosophila basement membrane collagen col4a1 mutations cause severe myopathy. <i>Matrix Biology</i> , 2012 , 31, 29-37	11.4	30
24	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
23	Spatiotemporal dynamics of Spc105 regulates the assembly of the Drosophila kinetochore. <i>Open Biology</i> , 2012 , 2, 110032	7	28
22	Loss of the starvation-induced gene Rack1 leads to glycogen deficiency and impaired autophagic responses in Drosophila. <i>Autophagy</i> , 2012 , 8, 1124-35	10.2	44
21	Advantages and limitations of different p62-based assays for estimating autophagic activity in Drosophila. <i>PLoS ONE</i> , 2012 , 7, e44214	3-7	97
20	Doxycycline could aggravate the absence-like epileptic seizures of WAG/Rij rats via matrix metalloproteinase inhibition. <i>Neurochemistry International</i> , 2011 , 59, 563-6	4-4	5
19	Matrix metalloproteinase-9 activity increased by two different types of epileptic seizures that do not induce neuronal death: a possible role in homeostatic synaptic plasticity. <i>Neurochemistry International</i> , 2010 , 56, 799-809	4-4	46
18	A novel role for the Drosophila epsin (lqf): involvement in autophagy. <i>Autophagy</i> , 2009 , 5, 636-48	10.2	11
17	Nutrient-dependent regulation of autophagy through the target of rapamycin pathway. <i>Biochemical Society Transactions</i> , 2009 , 37, 232-6	5-1	133
16	Experimental control and characterization of autophagy in Drosophila. <i>Methods in Molecular Biology</i> , 2008 , 445, 125-33	1-4	32
15	SNF4Agamma, the Drosophila AMPK gamma subunit is required for regulation of developmental and stress-induced autophagy. <i>Autophagy</i> , 2008 , 4, 476-86	10.2	47
14	The class III PI(3)K Vps34 promotes autophagy and endocytosis but not TOR signaling in Drosophila. <i>Journal of Cell Biology</i> , 2008 , 181, 655-66	7-3	263
13	Drosophila Atg7: required for stress resistance, longevity and neuronal homeostasis, but not for metamorphosis. <i>Autophagy</i> , 2008 , 4, 357-8	10.2	23
12	Gene expression profiling identifies FKBP39 as an inhibitor of autophagy in larval Drosophila fat body. <i>Cell Death and Differentiation</i> , 2007 , 14, 1181-90	12-7	94
11	Visible light induces matrix metalloproteinase-9 expression in rat eye. <i>Journal of Neurochemistry</i> , 2007 , 103, 2224-33	6	8
10	Direct induction of autophagy by Atg1 inhibits cell growth and induces apoptotic cell death. <i>Current Biology</i> , 2007 , 17, 1-11	6-3	893
9	Atg7-dependent autophagy promotes neuronal health, stress tolerance, and longevity but is dispensable for metamorphosis in Drosophila. <i>Genes and Development</i> , 2007 , 21, 3061-6	12.6	306

8	Autophagy occurs upstream or parallel to the apoptosome during histolytic cell death. <i>Development (Cambridge)</i> , 2006 , 133, 1457-65	6.6	80
7	Autophagy: a forty-year search for a missing membrane source. <i>PLoS Biology</i> , 2006 , 4, e36	9.7	107
6	Hid can induce, but is not required for autophagy in polyploid larval <i>Drosophila</i> tissues. <i>European Journal of Cell Biology</i> , 2005 , 84, 491-502	6.1	21
5	Programmed autophagy in the <i>Drosophila</i> fat body is induced by ecdysone through regulation of the PI3K pathway. <i>Developmental Cell</i> , 2004 , 7, 179-92	10.2	382
4	The <i>Drosophila</i> homolog of Aut1 is essential for autophagy and development. <i>FEBS Letters</i> , 2003 , 543, 154-8	3.8	81
3	The electroretinogram and visual evoked potential of freely moving rats. <i>Brain Research Bulletin</i> , 2001 , 56, 7-14	3.9	26
2	A possible approach to study autophagy in <i>Drosophila</i> . <i>Acta Biologica Hungarica</i> , 2001 , 52, 485-90		2
1	Mitochondrial fission, integrity and completion of mitophagy require separable functions of Vps13D in <i>Drosophila</i> neurons		4