

Eric H Baehrecke

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

27,064
citations

43973

48
h-index

88477

70
g-index

114
all docs

114
docs citations

114
times ranked

34462
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	4.3	2,064
4	Self-consumption: the interplay of autophagy and apoptosis. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 81-94.	16.1	1,769
5	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 1,430	4.3	1,430
6	Termination of autophagy and reformation of lysosomes regulated by mTOR. <i>Nature</i> , 2010, 465, 942-946.	13.7	1,303
7	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
8	Regulation of an ATG7-beclin 1 Program of Autophagic Cell Death by Caspase-8. <i>Science</i> , 2004, 304, 1500-1502.	6.0	1,197
9	HDAC6 rescues neurodegeneration and provides an essential link between autophagy and the UPS. <i>Nature</i> , 2007, 447, 860-864.	13.7	1,068
10	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	3.5	1,012
11	Autophagy: dual roles in life and death?. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 505-510.	16.1	889
12	Autophagic programmed cell death by selective catalase degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4952-4957.	3.3	619
13	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
14	Growth Arrest and Autophagy Are Required for Salivary Gland Cell Degradation in <i>Drosophila</i> . <i>Cell</i> , 2007, 131, 1137-1148.	13.5	547
15	Life, death and autophagy. <i>Nature Cell Biology</i> , 2018, 20, 1110-1117.	4.6	492
16	Cleaning House: Selective Autophagy of Organelles. <i>Developmental Cell</i> , 2017, 41, 10-22.	3.1	474
17	How death shapes life during development. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 779-787.	16.1	362
18	Autophagy, Not Apoptosis, Is Essential for Midgut Cell Death in <i>Drosophila</i> . <i>Current Biology</i> , 2009, 19, 1741-1746.	1.8	337

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19	Regulation and Function of Autophagy during Cell Survival and Cell Death. Cold Spring Harbor Perspectives in Biology, 2012, 4, a008813-a008813.	2.3	302
20	The class III PI(3)K Vps34 promotes autophagy and endocytosis but not TOR signaling in <i>Drosophila</i> . Journal of Cell Biology, 2008, 181, 655-666.	2.3	299
21	Spinster is required for autophagic lysosome reformation and mTOR reactivation following starvation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7826-7831.	3.3	249
22	Caspases function in autophagic programmed cell death in <i>Drosophila</i> . Development (Cambridge), 2004, 131, 275-284.	1.2	227
23	Autophagic degradation of dBruce controls DNA fragmentation in nurse cells during late <i>Drosophila melanogaster</i> oogenesis. Journal of Cell Biology, 2010, 190, 523-531.	2.3	224
24	A molecular mechanism for the stage specificity of the <i>Drosophila</i> prepupal genetic response to ecdysone. Cell, 1994, 79, 607-615.	13.5	214
25	Steroid Regulation of Midgut Cell Death during <i>Drosophila</i> Development. Developmental Biology, 2002, 250, 101-111.	0.9	199
26	Genome-Wide Analyses of Steroid- and Radiation-Triggered Programmed Cell Death in <i>Drosophila</i> . Current Biology, 2003, 13, 350-357.	1.8	198
27	E93 Directs Steroid-Triggered Programmed Cell Death in <i>Drosophila</i> . Molecular Cell, 2000, 6, 433-443.	4.5	181
28	Uba1 functions in Atg7- and Atg3-independent autophagy. Nature Cell Biology, 2013, 15, 1067-1078.	4.6	165
29	Autophagy, cell death, and cancer. Molecular and Cellular Oncology, 2015, 2, e985913.	0.3	144
30	The <i>Drosophila</i> E93 Gene from the 93F Early Puff Displays Stage- and Tissue-Specific Regulation by 20-Hydroxyecdysone. Developmental Biology, 1995, 171, 85-97.	0.9	142
31	Autophagy in Cell Life and Cell Death. Current Topics in Developmental Biology, 2015, 114, 67-91.	1.0	132
32	The <i>Drosophila</i> caspase Ice is important for many apoptotic cell deaths and for spermatid individualization, a nonapoptotic process. Development (Cambridge), 2006, 133, 3305-3315.	1.2	130
33	Activation of autophagy during cell death requires the engulfment receptor Draper. Nature, 2010, 465, 1093-1096.	13.7	117
34	Vps13D Encodes a Ubiquitin-Binding Protein that Is Required for the Regulation of Mitochondrial Size and Clearance. Current Biology, 2018, 28, 287-295.e6.	1.8	115
35	Genetic Mechanism for the Stage- and Tissue-Specific Regulation of Steroid Triggered Programmed Cell Death in <i>Drosophila</i> . Developmental Biology, 2002, 252, 138-148.	0.9	108
36	Autophagy in <i>Drosophila melanogaster</i> . Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1452-1460.	1.9	96

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37	<i>Atg6</i> is required for multiple vesicle trafficking pathways and hematopoiesis in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2013, 140, 1321-1329.	1.2	96
38	Eaten alive: novel insights into autophagy from multicellular model systems. <i>Trends in Cell Biology</i> , 2015, 25, 376-387.	3.6	92
39	miRNAs: Micro Managers of Programmed Cell Death. <i>Current Biology</i> , 2003, 13, R473-R475.	1.8	71
40	Ecdysone signaling cascade and regulation of <i>Drosophila</i> metamorphosis. , 1996, 33, 231-244.		68
41	Visualization and analysis of microarray and gene ontology data with treemaps. <i>BMC Bioinformatics</i> , 2004, 5, 84.	1.2	68
42	Autophagy in animal development. <i>Cell Death and Differentiation</i> , 2020, 27, 903-918.	5.0	66
43	miR-14 Regulates Autophagy during Developmental Cell Death by Targeting ip3-kinase 2. <i>Molecular Cell</i> , 2014, 56, 376-388.	4.5	62
44	Distinct death mechanisms in <i>Drosophila</i> development. <i>Current Opinion in Cell Biology</i> , 2010, 22, 889-895.	2.6	61
45	The Role of Autophagy in <i>Drosophila</i> Metamorphosis. <i>Current Topics in Developmental Biology</i> , 2013, 103, 101-125.	1.0	58
46	Complement-Related Regulates Autophagy in Neighboring Cells. <i>Cell</i> , 2017, 170, 158-171.e8.	13.5	56
47	Warts Is Required for PI3K-Regulated Growth Arrest, Autophagy, and Autophagic Cell Death in <i>Drosophila</i> . <i>Current Biology</i> , 2008, 18, 1466-1475.	1.8	55
48	Larval midgut destruction in <i>Drosophila</i> : Not dependent on caspases but suppressed by the loss of autophagy. <i>Autophagy</i> , 2010, 6, 163-165.	4.3	53
49	Dynein light chain 1 is required for autophagy, protein clearance, and cell death in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 742-747.	3.3	50
50	Eating on the fly: Function and regulation of autophagy during cell growth, survival and death in <i>Drosophila</i> . <i>Autophagy</i> , 2008, 4, 557-562.	4.3	48
51	VPS13D promotes peroxisome biogenesis. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	47
52	The NF- κ B Factor Relish Regulates Atg1 Expression and Controls Autophagy. <i>Cell Reports</i> , 2018, 25, 2110-2120.e3.	2.9	31
53	Autophagy Promotes Tumor-like Stem Cell Niche Occupancy. <i>Current Biology</i> , 2018, 28, 3056-3064.e3.	1.8	28
54	Vps13D functions in a Pink1-dependent and Parkin-independent mitophagy pathway. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	27

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55	Genetic regulation of programmed cell death in Drosophila. <i>Cell Research</i> , 2000, 10, 193-204.	5.7	26
56	Autophagy is not the answer. <i>Nature</i> , 2015, 528, 482-483.	13.7	25
57	Vmp1, Vps13D, and Marf/Mfn2 function in a conserved pathway to regulate mitochondria and ER contact in development and disease. <i>Current Biology</i> , 2021, 31, 3028-3039.e7.	1.8	25
58	Eaten to death. <i>FEBS Journal</i> , 2014, 281, 5411-5417.	2.2	24
59	Ral GTPase and the exocyst regulate autophagy in a tissue-specific manner. <i>EMBO Reports</i> , 2016, 17, 110-121.	2.0	24
60	The engulfment receptor Draper is required for autophagy during cell death. <i>Autophagy</i> , 2010, 6, 1192-1193.	4.3	17
61	The Proton-Coupled Monocarboxylate Transporter Hermes Is Necessary for Autophagy during Cell Death. <i>Developmental Cell</i> , 2018, 47, 281-293.e4.	3.1	17
62	A conserved myotubularin-related phosphatase regulates autophagy by maintaining autophagic flux. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	17
63	Drosophila E93 promotes adult development and suppresses larval responses to ecdysone during metamorphosis. <i>Developmental Biology</i> , 2022, 481, 104-115.	0.9	10
64	ESCRT dysfunction compromises endoplasmic reticulum maturation and autophagosome biogenesis in Drosophila. <i>Current Biology</i> , 2022, 32, 1262-1274.e4.	1.8	9
65	Caspase Activation Finds Fertile Ground. <i>Developmental Cell</i> , 2003, 4, 608-609.	3.1	8
66	Autophagy and Cell Death in the Fly. <i>Methods in Enzymology</i> , 2014, 545, 181-199.	0.4	5
67	Growth Control: p53, the Guardian Angel of Compensatory Proliferation. <i>Current Biology</i> , 2006, 16, R840-R842.	1.8	4
68	Autophagy, Inflammation, and Metabolism (AIM) Center of Biomedical Research Excellence: supporting the next generation of autophagy researchers and fostering international collaborations. <i>Autophagy</i> , 2018, 14, 925-929.	4.3	3
69	Autophagy SEPARates Germline and Somatic Cells. <i>Cell</i> , 2009, 136, 207-208.	13.5	2
70	Histological assessment of developmental cell death in Drosophila pupae. <i>STAR Protocols</i> , 2021, 2, 100473.	0.5	2
71	Atg6 promotes organismal health by suppression of cell stress and inflammation. <i>Cell Death and Differentiation</i> , 2022, 29, 2275-2287.	5.0	1
72	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019, 15, 1829-1833.	4.3	0

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73	Discovery of Novel Regulators of Autophagy in Animals. Innovation in Aging, 2020, 4, 744-744.	0.0	0