

The IAP family member BRUCE regulates autophagosom

Nature Communications

9, 599

DOI: [10.1038/s41467-018-02823-x](https://doi.org/10.1038/s41467-018-02823-x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent advances in understanding inhibitor of apoptosis proteins. <i>F1000Research</i> , 2018, 7, 1889.	0.8	57
2	p62-mediated phase separation at the intersection of the ubiquitin-proteasome system and autophagy. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	105
3	The anti-apoptotic ubiquitin conjugating enzyme BIRC6/BRUCE regulates autophagosome-lysosome fusion. <i>Autophagy</i> , 2018, 14, 1283-1284.	4.3	22
4	Finding the Middle Ground for Autophagic Fusion Requirements. <i>Trends in Cell Biology</i> , 2018, 28, 869-881.	3.6	39
5	Directed elimination of senescent cells attenuates development of osteoarthritis by inhibition of c-IAP and XIAP. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2618-2632.	1.8	26
6	SIP/CacyBP promotes autophagy by regulating levels of BRUCE/Apollon, which stimulates LC3-I degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13404-13413.	3.3	40
7	Inhibitor of apoptosis proteins in human health and disease. <i>Genes and Immunity</i> , 2019, 20, 641-650.	2.2	39
8	Loss of BRUCE reduces cellular energy level and induces autophagy by driving activation of the AMPK-ULK1 autophagic initiating axis. <i>PLoS ONE</i> , 2019, 14, e0216553.	1.1	15
9	Chemical Screening Approaches Enabling Drug Discovery of Autophagy Modulators for Biomedical Applications in Human Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 38.	1.8	37
10	Roles of ubiquitin in autophagy and cell death. <i>Seminars in Cell and Developmental Biology</i> , 2019, 93, 125-135.	2.3	47
11	Autophagosome maturation: An epic journey from the ER to lysosomes. <i>Journal of Cell Biology</i> , 2019, 218, 757-770.	2.3	236
12	Regulation of Syntaxin 17 during Autophagosome Maturation. <i>Trends in Cell Biology</i> , 2019, 29, 1-3.	3.6	25
13	History of the Selective Autophagy Research: How Did It Begin and Where Does It Stand Today?. <i>Journal of Molecular Biology</i> , 2020, 432, 3-27.	2.0	97
14	Autophagy proteins influence endocytosis for MHC restricted antigen presentation. <i>Seminars in Cancer Biology</i> , 2020, 66, 110-115.	4.3	19
15	Autophagosome-Lysosome Fusion. <i>Journal of Molecular Biology</i> , 2020, 432, 2462-2482.	2.0	184
16	Paracaspase MALT1 regulates glioma cell survival by controlling endo-lysosome homeostasis. <i>EMBO Journal</i> , 2020, 39, e102030.	3.5	33
17	RNF115 deletion inhibits autophagosome maturation and growth of gastric cancer. <i>Cell Death and Disease</i> , 2020, 11, 810.	2.7	12
18	Autophagy Assays for Biological Discovery and Therapeutic Development. <i>Trends in Biochemical Sciences</i> , 2020, 45, 1080-1093.	3.7	100

#	ARTICLE	IF	CITATIONS
19	New insights regarding SNARE proteins in autophagosome-lysosome fusion. <i>Autophagy</i> , 2021, 17, 2680-2688.	4.3	91
20	Decoding three distinct states of the Syntaxin17 SNARE motif in mediating autophagosome-lysosome fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21391-21402.	3.3	23
21	BIRC6 Is Associated with Vulnerability of Carotid Atherosclerotic Plaque. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9387.	1.8	5
22	Pathogenic Single Nucleotide Polymorphisms on Autophagy-Related Genes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8196.	1.8	14
23	Lipids and membrane-associated proteins in autophagy. <i>Protein and Cell</i> , 2021, 12, 520-544.	4.8	47
24	Functional Pathway Identification With CRISPR/Cas9 Genome-wide Gene Disruption in Human Dopaminergic Neuronal Cells Following Chronic Treatment With Dieldrin. <i>Toxicological Sciences</i> , 2020, 176, 366-381.	1.4	14
25	Activation and targeting of ATG8 protein lipidation. <i>Cell Discovery</i> , 2020, 6, 23.	3.1	111
26	Structure and Dynamics in the ATG8 Family From Experimental to Computational Techniques. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 420.	1.8	24
27	Next-Generation Sequencing Reveals Differential Responses to Acute versus Long-Term Exposures to Graphene Oxide in Human Lung Cells. <i>Small</i> , 2020, 16, e1907686.	5.2	18
28	The Multiple Roles of the IAP Super-family in cancer. , 2020, 214, 107610.		27
29	Anti-apoptotic proteins in the autophagic world: an update on functions of XIAP, Survivin, and BRUCE. <i>Journal of Biomedical Science</i> , 2020, 27, 31.	2.6	57
30	The functions of Atg8-family proteins in autophagy and cancer: linked or unrelated?. <i>Autophagy</i> , 2021, 17, 599-611.	4.3	34
31	Screening for Genes Involved in Autophagy. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1208, 357-371.	0.8	1
32	Noncanonical use of the autophagy machinery in antigen presentation. , 2021, , 117-131.		0
33	Identification of potential biomarkers and metabolic pathways based on integration of metabolomic and transcriptomic data in the development of breast cancer. <i>Archives of Gynecology and Obstetrics</i> , 2021, 303, 1599-1606.	0.8	13
34	Insights on autophagosome-lysosome tethering from structural and biochemical characterization of human autophagy factor EPG5. <i>Communications Biology</i> , 2021, 4, 291.	2.0	12
35	Understanding amphisomes. <i>Biochemical Journal</i> , 2021, 478, 1959-1976.	1.7	57
36	A Link Between Chemical Structure and Biological Activity in Triterpenoids. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2022, 17, 145-161.	0.8	4

#	ARTICLE	IF	CITATIONS
37	Ubiquitin conjugating enzymes in the regulation of the autophagy-dependent degradation pathway. <i>Matrix Biology</i> , 2021, 100-101, 23-29.	1.5	7
39	Small but mighty: Atg8s and Rabs in membrane dynamics during autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119064.	1.9	9
40	BRUCE silencing leads to axonal dystrophy by repressing autophagosome-lysosome fusion in Alzheimer's disease. <i>Translational Psychiatry</i> , 2021, 11, 421.	2.4	4
41	Androgen Receptor-Mediated Nuclear Transport of NRDP1 in Prostate Cancer Cells Is Associated with Worse Patient Outcomes. <i>Cancers</i> , 2021, 13, 4425.	1.7	0
42	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582 Td (edition	4.3	1,430
43	Lysosome biology in autophagy. <i>Cell Discovery</i> , 2020, 6, 6.	3.1	420
45	Autophagy and endocytosis "interconnections and interdependencies. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	83
46	An Updated Review of Smac Mimetics, LCL161, Birinapant, and GDC-0152 in Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 335.	1.3	17
47	Negative regulation of autophagy by UBA6-BIRC6-mediated ubiquitination of LC3. <i>ELife</i> , 2019, 8, .	2.8	65
51	Cell Survival and Cell Death at the Intersection of Autophagy and Apoptosis: Implications for Current and Future Cancer Therapeutics. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1728-1746.	2.5	19
52	circKMT2D contributes to HO-attenuated osteosarcoma progression via the miR-210/autophagy pathway. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 65.	0.8	1
53	circKMT2D contributes to H<sub>2</sub>O<sub>2</sub>-attenuated osteosarcoma progression via the miR-210/autophagy pathway. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	0.8	4
54	Specific microRNAs for Modulation of Autophagy in Spinal Cord Injury. <i>Brain Sciences</i> , 2022, 12, 247.	1.1	0
56	The expanded inhibitor of apoptosis gene family in oysters possesses novel domain architectures and may play diverse roles in apoptosis following immune challenge. <i>BMC Genomics</i> , 2022, 23, 201.	1.2	12
59	Glycogen-autophagy: Molecular machinery and cellular mechanisms of glycopagy. <i>Journal of Biological Chemistry</i> , 2022, 298, 102093.	1.6	16
60	BIRC6 modifies risk of invasive bacterial infection in Kenyan children. <i>ELife</i> , 0, 11, .	2.8	6
61	Identification of an autophagy-related 12-lncRNA signature and evaluation of NFYC-AS1 as a pro-cancer factor in lung adenocarcinoma. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
62	Dysregulated autophagy-related genes in septic cardiomyopathy: Comprehensive bioinformatics analysis based on the human transcriptomes and experimental validation. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	2

#	ARTICLE	IF	CITATIONS
66	Exercise pretreatment alleviates neuroinflammation and oxidative stress by TFEB-mediated autophagic flux in mice with ischemic stroke. <i>Experimental Neurology</i> , 2023, 364, 114380.	2.0	3
67	Structural basis for SMAC-mediated antagonism of caspase inhibition by the giant ubiquitin ligase BIRC6. <i>Science</i> , 2023, 379, 1112-1117.	6.0	10
68	Structural basis for regulation of apoptosis and autophagy by the BIRC6/SMAC complex. <i>Science</i> , 2023, 379, 1117-1123.	6.0	13
69	Transcriptome Discovery of Genes in the Three Phases of Autophagy That Are Upregulated During Atrial Fibrillation. <i>Circulation Reports</i> , 2023, 5, 114-122.	0.4	1
70	LncRNA MEG3 regulates ASK1/JNK axis-mediated apoptosis and autophagy via sponging miR-23a in granulosa cells of yak tertiary follicles. <i>Cellular Signalling</i> , 2023, 107, 110680.	1.7	4