

# Francesca Nazio

## List of Publications by Citations

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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.

38 papers	2,625 citations	23 h-index	42 g-index
42 ext. papers	3,259 ext. citations	11.2 avg, IF	4.92 L-index

#	Paper	IF	Citations
38	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function through AMBRA1 and TRAF6. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 406-16	23.4	522
37	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. <i>Journal of Cell Biology</i> , <b>2010</b> , 191, 155-68	7.3	364
36	AMBRA1 is able to induce mitophagy via LC3 binding, regardless of PARKIN and p62/SQSTM1. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 419-32	12.7	193
35	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. <i>EMBO Journal</i> , <b>2011</b> , 30, 1195-208	13	171
34	Autophagy and cancer stem cells: molecular mechanisms and therapeutic applications. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 690-702	12.7	155
33	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 20-30	23.4	135
32	AMBRA1 interplay with cullin E3 ubiquitin ligases regulates autophagy dynamics. <i>Developmental Cell</i> , <b>2014</b> , 31, 734-46	10.2	103
31	Fine-tuning of ULK1 mRNA and protein levels is required for autophagy oscillation. <i>Journal of Cell Biology</i> , <b>2016</b> , 215, 841-856	7.3	83
30	The role of autophagy during development in higher eukaryotes. <i>Traffic</i> , <b>2010</b> , 11, 1280-9	5.7	78
29	Stimulation of autophagy by rapamycin protects neurons from remote degeneration after acute focal brain damage. <i>Autophagy</i> , <b>2012</b> , 8, 222-35	10.2	77
28	Autophagy regulates satellite cell ability to regenerate normal and dystrophic muscles. <i>Cell Death and Differentiation</i> , <b>2016</b> , 23, 1839-1849	12.7	72
27	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. <i>Pain</i> , <b>2014</b> , 155, 93-107	8	61
26	The mitochondrial dynamics in cancer and immune-surveillance. <i>Seminars in Cancer Biology</i> , <b>2017</b> , 47, 29-42	12.7	58
25	Rapamycin and fasting sustain autophagy response activated by ischemia/reperfusion injury and promote retinal ganglion cell survival. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 981	9.8	53
24	Ambra1 at a glance. <i>Journal of Cell Science</i> , <b>2015</b> , 128, 2003-8	5.3	52
23	Acute focal brain damage alters mitochondrial dynamics and autophagy in axotomized neurons. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1545	9.8	46
22	The Close Interconnection between Mitochondrial Dynamics and Mitophagy in Cancer. <i>Frontiers in Oncology</i> , <b>2017</b> , 7, 81	5.3	37

21	Selective autophagy maintains centrosome integrity and accurate mitosis by turnover of centriolar satellites. <i>Nature Communications</i> , <b>2019</b> , 10, 4176	17.4	32
20	Autophagy up and down by outsmarting the incredible ULK. <i>Autophagy</i> , <b>2017</b> , 13, 967-968	10.2	29
19	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. <i>Nature</i> , <b>2021</b> , 592, 799-803	50.4	24
18	CRL4 is a master regulator of D-type cyclins. <i>Nature</i> , <b>2021</b> , 592, 789-793	50.4	21
17	Prosurvival AMBRA1 turns into a proapoptotic BH3-like protein during mitochondrial apoptosis. <i>Autophagy</i> , <b>2016</b> , 12, 963-75	10.2	20
16	Macroautophagy inhibition maintains fragmented mitochondria to foster T cell receptor-dependent apoptosis. <i>EMBO Journal</i> , <b>2016</b> , 35, 1793-809	13	18
15	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. <i>Developmental Cell</i> , <b>2018</b> , 47, 592-607.e6	10.2	18
14	Canonical and Noncanonical Roles of Fanconi Anemia Proteins: Implications in Cancer Predisposition. <i>Cancers</i> , <b>2020</b> , 12,	6.6	14
13	Effects of caloric restriction on neuropathic pain, peripheral nerve degeneration and inflammation in normometabolic and autophagy defective prediabetic Ambra1 mice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208596	3.7	14
12	Neuroblastoma-secreted exosomes carrying miR-375 promote osteogenic differentiation of bone-marrow mesenchymal stromal cells. <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1774144	16.4	11
11	Connecting autophagy: AMBRA1 and its network of regulation. <i>Molecular and Cellular Oncology</i> , <b>2015</b> , 2, e970059	1.2	11
10	Cancer Predisposition Syndromes and Medulloblastoma in the Molecular Era. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 566822	5.3	10
9	JNK1 and ERK1/2 modulate lymphocyte homeostasis via BIM and DRP1 upon AICD induction. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 2749-2767	12.7	9
8	Autophagy and Exosomes Relationship in Cancer: Friends or Foes?. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 614178	5.7	8
7	ULK1 ubiquitylation is regulated by phosphorylation on its carboxy terminus. <i>Cell Cycle</i> , <b>2017</b> , 16, 1744-1747	14.7	7
6	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. <i>EMBO Journal</i> , <b>2021</b> , 40, e103563	13	7
5	Zebrafish and Silencing Affect Heart Development. <i>Zebrafish</i> , <b>2020</b> ,	2	3
4	The Cross Talk among Autophagy, Ubiquitination, and DNA Repair: An Overview <b>2018</b> ,		2

- 3      Recent Advances in Understanding the Role of Autophagy in Paediatric Brain Tumours. *Diagnostics*, **2021**, 11, 3.8      2
- 2      Targeting cancer stem cells in medulloblastoma by inhibiting AMBRA1 dual function in autophagy and STAT3 signalling. *Acta Neuropathologica*, **2021**, 142, 537-564      14.3      1
- 1      TFG: a novel regulator of ULK1-dependent autophagy. *Molecular and Cellular Oncology*, **2021**, 8, 1945895.2