Thomas Wileman

List of Publications by Year in Descending Order

27 papers	4,928 citations	16 h-index	29 g-index
29 ext. papers	5,687 ext. citations	8.9 avg, IF	4.84 L-index

#	Paper	IF	Citations
27	Non-canonical autophagy functions of ATG16L1 in epithelial cells limit lethal infection by influenza A virus. *EMBO Journal*, **2021**, 40, e105543	13	17
26	Autophagy Driven Extracellular Vesicles in the Leukaemic Microenvironment. *Current Cancer Drug Targets*, **2020**, 20, 501-512	2.8	2
25	LAP-like non-canonical autophagy and evolution of endocytic vacuoles in pancreatic acinar cells. *Autophagy*, **2020**, 16, 1314-1331	10.2	10
24	Regulation of cytokine signaling through direct interaction between cytokine receptors and the ATG16L1 WD40 domain. *Nature Communications*, **2020**, 11, 5919	17.4	9
23	Noncanonical function of an autophagy protein prevents spontaneous Alzheimer's disease. *Science Advances*, **2020**, 6, eabb9036	14.3	28
22	The impact of the colonic milieu on enterohaemorrhagic E. coli outer membrane vesicle production. *Access Microbiology*, **2019**, 1,	1	1
21	The ATG5-binding and coiled coil domains of ATG16L1 maintain autophagy and tissue homeostasis in mice independently of the WD domain required for LC3-associated phagocytosis. *Autophagy*, **2019**, 15, 599-612	10.2	57
20	Does the microbiome and virome contribute to myalgic encephalomyelitis/chronic fatigue syndrome?. *Clinical Science*, **2018**, 132, 523-542	6.5	25
19	The WD40 domain of ATG16L1 is required for its non-canonical role in lipidation of LC3 at single membranes. *EMBO Journal*, **2018**, 37,	13	128
18	Lifespan extension without fertility reduction following dietary addition of the autophagy activator Torin1 in Drosophila melanogaster. *PLoS ONE*, **2018**, 13, e0190105	3.7	14
17	Proteomic Profiling of Enteroid Cultures Skewed toward Development of Specific Epithelial Lineages. *Proteomics*, **2018**, 18, e1800132	4.8	8
16	Ninein is essential for apico-basal microtubule formation and CLIP-170 facilitates its redeployment to non-centrosomal microtubule organizing centres. *Open Biology*, **2017**, 7,	7	30
15	Immuno-fluorescent Labeling of Microtubules and Centrosomal Proteins in Ex Vivo Intestinal Tissue and 3D In Vitro Intestinal Organoids. *Journal of Visualized Experiments*, **2017**,	1.6	4
14	LC3-Associated Phagocytosis Is Required for Dendritic Cell Inflammatory Cytokine Response to Gut Commensal Yeast. *Frontiers in Immunology*, **2017**, 8, 1397	8.4	22
13	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
12	Extracts of Feijoa Inhibit Toll-Like Receptor 2 Signaling and Activate Autophagy Implicating a Role in Dietary Control of IBD. *PLoS ONE*, **2015**, 10, e0130910	3.7	10
11	Sulforaphane Protects the Liver against CdSe Quantum Dot-Induced Cytotoxicity. *PLoS ONE*, **2015**, 10, e0138771	3.7	20

List of Publications

10	Autophagy and Picornavirus Infection **2014**, 67-80		
9	Coronavirus NSP6 restricts autophagosome expansion. *Autophagy*, **2014**, 10, 1426-41	10.2	154
8	Visualizing the autophagy pathway in avian cells and its application to studying infectious bronchitis virus. *Autophagy*, **2013**, 9, 496-509	10.2	27
7	Autophagy and formation of tubulovesicular autophagosomes provide a barrier against nonviral gene delivery. *Autophagy*, **2013**, 9, 667-82	10.2	46
6	Autophagy as a defence against intracellular pathogens. *Essays in Biochemistry*, **2013**, 55, 153-63	7.6	59
5	Foot-and-mouth disease virus induces autophagosomes during cell entry via a class III phosphatidylinositol 3-kinase-independent pathway. *Journal of Virology*, **2012**, 86, 12940-53	6.6	73
4	Origins of membrane vesicles generated during replication of positive-strand RNA viruses. *Future Virology*, **2009**, 4, 473-485	2.4	13
3	Aggresomes and pericentriolar sites of virus assembly: cellular defense or viral design?. *Annual Review of Microbiology*, **2007**, 61, 149-67	17.5	143
2	Aggresomes and autophagy generate sites for virus replication. *Science*, **2006**, 312, 875-8	33.3	187
1	The WD and linker domains of ATG16L1 required for non-canonical autophagy limit lethal respiratory infection by influenza A virus at epithelial surfaces		1