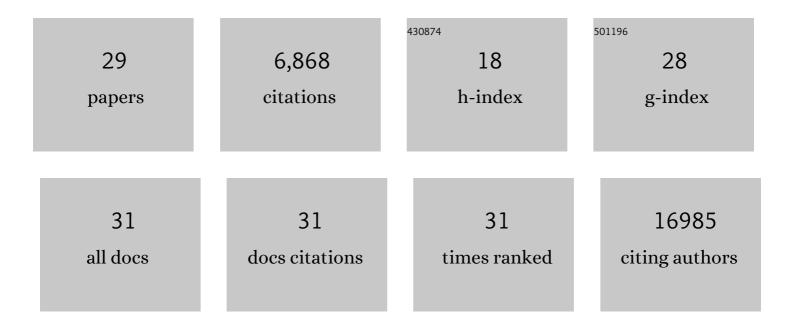
Ãlvaro F FernÃ;ndez

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Disruption of the beclin 1–BCL2 autophagy regulatory complex promotes longevity in mice. Nature, 2018, 558, 136-140.	27.8	466
3	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. Molecular Cell, 2014, 53, 710-725.	9.7	412
4	Fanconi Anemia Proteins Function in Mitophagy and Immunity. Cell, 2016, 165, 867-881.	28.9	205
5	Autophagy is essential for mouse sense of balance. Journal of Clinical Investigation, 2010, 120, 2331-2344.	8.2	167
6	Insulin-like growth factor 1 treatment extends longevity in a mouse model of human premature aging by restoring somatotroph axis function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16268-16273.	7.1	124
7	Increased autophagy blocks HER2-mediated breast tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4176-4181.	7.1	106
8	The functional and pathologic relevance of autophagy proteases. Journal of Clinical Investigation, 2015, 125, 33-41.	8.2	87
9	Upregulation of Rubicon promotes autosis during myocardial ischemia/reperfusion injury. Journal of Clinical Investigation, 2020, 130, 2978-2991.	8.2	87
10	ATG4B/autophagin-1 regulates intestinal homeostasis and protects mice from experimental colitis. Autophagy, 2013, 9, 1188-1200.	9.1	81
11	Autophagy couteracts weight gain, lipotoxicity and pancreatic β-cell death upon hypercaloric pro-diabetic regimens. Cell Death and Disease, 2017, 8, e2970-e2970.	6.3	78
12	Impairment of autophagy decreases ventilator-induced lung injury by blockade of the NF-κB pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L844-L852.	2.9	50
13	Defective autophagy impairs ATF3 activity and worsens lung injury during endotoxemia. Journal of Molecular Medicine, 2014, 92, 665-676.	3.9	47
14	Comprehensive autophagy evaluation in cardiac disease models. Cardiovascular Research, 2020, 116, 483-504.	3.8	41
15	Interaction between the autophagy protein Beclin 1 and Na+,K+-ATPase during starvation, exercise, and ischemia. JCI Insight, 2020, 5, .	5.0	37
16	Does Autophagy Mediate Cardiac Myocyte Death During Stress?. Circulation Research, 2016, 119, 893-895.	4.5	33
17	Autophagy, proteases and the sense of balance. Autophagy, 2010, 6, 961-963.	9.1	24
18	Autophagy and Aging: Lessons from Progeria Models. Advances in Experimental Medicine and Biology, 2010, 694, 61-68.	1.6	19

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#	Article	IF	CITATIONS
19	Enhanced autophagy in <i>Becn1^{F121A/F121A}</i> knockin mice counteracts aging-related neural stem cell exhaustion and dysfunction. Autophagy, 2022, 18, 409-422.	9.1	19
20	The tripartite interaction of phosphate, autophagy, and αKlotho in health maintenance. FASEB Journal, 2020, 34, 3129-3150.	0.5	18
21	Autophagy is required for performance adaptive response to resistance training and exerciseâ€induced adult neurogenesis. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 238-253.	2.9	15
22	Pathogenic Single Nucleotide Polymorphisms on Autophagy-Related Genes. International Journal of Molecular Sciences, 2020, 21, 8196.	4.1	14
23	ATG4D is the main ATG8 delipidating enzyme in mammalian cells and protects against cerebellar neurodegeneration. Cell Death and Differentiation, 2021, 28, 2651-2672.	11.2	9
24	Autophagy and Proteases: Basic Study of theÂAutophagic Flux by Western Blot. Methods in Molecular Biology, 2018, 1731, 73-81.	0.9	6
25	ATG4D role in mAtg8s delipidation and neuroprotection. Autophagy, 2021, 17, 1558-1560.	9.1	6
26	Autophagy Deficiency by Atg4B Loss Leads to Metabolomic Alterations in Mice. Metabolites, 2021, 11, 481.	2.9	4
27	Beth Levine's Legacy: From the Discovery of BECN1 to Therapies. A Mentees' Perspective. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	2
28	Studying Autophagy In Vivo in the Mammary Gland and in Xenograft Samples. Methods in Molecular Biology, 2022, 2445, 255-272.	0.9	1
29	Functional Relevance of Autophagins in Life and Disease. , 2014, , 111-119.		0