

Álvaro F Fernández

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

6,868
citations

430874

18
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

16985
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced autophagy in <i>Becn1</i> ^{F121A/F121A} knockin mice counteracts aging-related neural stem cell exhaustion and dysfunction. <i>Autophagy</i> , 2022, 18, 409-422.	9.1	19
2	Studying Autophagy In Vivo in the Mammary Gland and in Xenograft Samples. <i>Methods in Molecular Biology</i> , 2022, 2445, 255-272.	0.9	1
3	ATG4D is the main ATG8 delipidating enzyme in mammalian cells and protects against cerebellar neurodegeneration. <i>Cell Death and Differentiation</i> , 2021, 28, 2651-2672.	11.2	9
4	ATG4D role in mAtg8s delipidation and neuroprotection. <i>Autophagy</i> , 2021, 17, 1558-1560.	9.1	6
5	Autophagy Deficiency by Atg4B Loss Leads to Metabolomic Alterations in Mice. <i>Metabolites</i> , 2021, 11, 481.	2.9	4
6	Comprehensive autophagy evaluation in cardiac disease models. <i>Cardiovascular Research</i> , 2020, 116, 483-504.	3.8	41
7	Autophagy is required for performance adaptive response to resistance training and exercise-induced adult neurogenesis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 238-253.	2.9	15
8	The tripartite interaction of phosphate, autophagy, and \pm Klotho in health maintenance. <i>FASEB Journal</i> , 2020, 34, 3129-3150.	0.5	18
9	Interaction between the autophagy protein Beclin 1 and Na ⁺ ,K ⁺ -ATPase during starvation, exercise, and ischemia. <i>JCI Insight</i> , 2020, 5, .	5.0	37
10	Pathogenic Single Nucleotide Polymorphisms on Autophagy-Related Genes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8196.	4.1	14
11	Upregulation of Rubicon promotes autosis during myocardial ischemia/reperfusion injury. <i>Journal of Clinical Investigation</i> , 2020, 130, 2978-2991.	8.2	87
12	Increased autophagy blocks HER2-mediated breast tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4176-4181.	7.1	106
13	Autophagy and Proteases: Basic Study of the Autophagic Flux by Western Blot. <i>Methods in Molecular Biology</i> , 2018, 1731, 73-81.	0.9	6
14	Disruption of the beclin 1-BCL2 autophagy regulatory complex promotes longevity in mice. <i>Nature</i> , 2018, 558, 136-140.	27.8	466
15	Autophagy counteracts weight gain, lipotoxicity and pancreatic β -cell death upon hypercaloric pro-diabetic regimens. <i>Cell Death and Disease</i> , 2017, 8, e2970-e2970.	6.3	78
16	Fanconi Anemia Proteins Function in Mitophagy and Immunity. <i>Cell</i> , 2016, 165, 867-881.	28.9	205
17	Does Autophagy Mediate Cardiac Myocyte Death During Stress?. <i>Circulation Research</i> , 2016, 119, 893-895.	4.5	33
18	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701

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19	The functional and pathologic relevance of autophagy proteases. Journal of Clinical Investigation, 2015, 125, 33-41.	8.2	87
20	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. Molecular Cell, 2014, 53, 710-725.	9.7	412
21	Defective autophagy impairs ATF3 activity and worsens lung injury during endotoxemia. Journal of Molecular Medicine, 2014, 92, 665-676.	3.9	47
22	Functional Relevance of Autophagins in Life and Disease. , 2014, , 111-119.		0
23	Impairment of autophagy decreases ventilator-induced lung injury by blockade of the NF- κ B pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L844-L852.	2.9	50
24	ATG4B/autophagin-1 regulates intestinal homeostasis and protects mice from experimental colitis. Autophagy, 2013, 9, 1188-1200.	9.1	81
25	Autophagy and Aging: Lessons from Progeria Models. Advances in Experimental Medicine and Biology, 2010, 694, 61-68.	1.6	19
26	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
27	Autophagy, proteases and the sense of balance. Autophagy, 2010, 6, 961-963.	9.1	24
28	Autophagy is essential for mouse sense of balance. Journal of Clinical Investigation, 2010, 120, 2331-2344.	8.2	167
29	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