

# Alfredo Criollo

## List of Publications by Citations

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**Version:** 2024-04-26

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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.

26

papers

6,081

citations

16

h-index

27

g-index

27

ext. papers

6,974

ext. citations

8.7

avg, IF

4.18

L-index

#	Paper	IF	Citations
26	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
25	Functional and physical interaction between Bcl-X(L) and a BH3-like domain in Beclin-1. <i>EMBO Journal</i> , <b>2007</b> , 26, 2527-39	13	916
24	BH3-only proteins and BH3 mimetics induce autophagy by competitively disrupting the interaction between Beclin 1 and Bcl-2/Bcl-X(L). <i>Autophagy</i> , <b>2007</b> , 3, 374-6	10.2	373
23	Spliced X-box binding protein 1 couples the unfolded protein response to hexosamine biosynthetic pathway. <i>Cell</i> , <b>2014</b> , 156, 1179-1192	56.2	246
22	Doxorubicin Blocks Cardiomyocyte Autophagic Flux by Inhibiting Lysosome Acidification. <i>Circulation</i> , <b>2016</b> , 133, 1668-87	16.7	206
21	Tumor suppression and promotion by autophagy. <i>BioMed Research International</i> , <b>2014</b> , 2014, 603980	3	118
20	Fibroblast Primary Cilia Are Required for Cardiac Fibrosis. <i>Circulation</i> , <b>2019</b> , 139, 2342-2357	16.7	63
19	Polycystin-1 Is a Cardiomyocyte Mechanosensor That Governs L-Type Ca <sup>2+</sup> Channel Protein Stability. <i>Circulation</i> , <b>2015</b> , 131, 2131-42	16.7	56
18	Autophagy and oxidative stress in non-communicable diseases: A matter of the inflammatory state?. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 124, 61-78	7.8	47
17	Chaperone Mediated Autophagy in the Crosstalk of Neurodegenerative Diseases and Metabolic Disorders. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 778	5.7	44
16	Organelle communication: signaling crossroads between homeostasis and disease. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 50, 55-9	5.6	35
15	Chronic High Fat Diet Consumption Impairs Metabolic Health of Male Mice. <i>Inflammation and Cell Signaling</i> , <b>2014</b> , 1, e561		25
14	Palmitic Acid Reduces the Autophagic Flux and Insulin Sensitivity Through the Activation of the Free Fatty Acid Receptor 1 (FFAR1) in the Hypothalamic Neuronal Cell Line N43/5. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 176	5.7	21
13	Hyperosmotic stress stimulates autophagy via polycystin-2. <i>Oncotarget</i> , <b>2017</b> , 8, 55984-55997	3.3	19
12	Chaperone Mediated Autophagy Degrades TDP-43 Protein and Is Affected by TDP-43 Aggregation. <i>Frontiers in Molecular Neuroscience</i> , <b>2020</b> , 13, 19	6.1	17
11	Polycystin-2-dependent control of cardiomyocyte autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2018</b> , 118, 110-121	5.8	17
10	New Roles of the Primary Cilium in Autophagy. <i>BioMed Research International</i> , <b>2017</b> , 2017, 4367019	3	14

9	Mechanobiology of Autophagy: The Unexplored Side of Cancer. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 632956	5.3	6
8	New emerging roles of Polycystin-2 in the regulation of autophagy. <i>International Review of Cell and Molecular Biology</i> , <b>2020</b> , 354, 165-186	6	4
7	PKD2/polycystin-2 induces autophagy by forming a complex with BECN1. <i>Autophagy</i> , <b>2021</b> , 17, 1714-1728	6.2	4
6	Nuclear accumulation of E-catenin is associated with endosomal sequestration of the destruction complex and increased activation of Rab5 in oral dysplasia. <i>FASEB Journal</i> , <b>2020</b> , 34, 4009-4025	6.9	4
5	Palmitic acid reduces the autophagic flux in hypothalamic neurons by impairing autophagosome-lysosome fusion and endolysosomal dynamics. <i>Molecular and Cellular Oncology</i> , <b>2020</b> , 7, 1789418	1.2	3
4	Histatin-1 is a novel osteogenic factor that promotes bone cell adhesion, migration, and differentiation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2021</b> , 15, 336-346	4.4	3
3	Polycystin-2 Is Required for Starvation- and Rapamycin-Induced Atrophy in Myotubes. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 280	5.7	2
2	Origanum vulgare L. essential oil inhibits virulence patterns of Candida spp. and potentiates the effects of fluconazole and nystatin in vitro.. <i>BMC Complementary Medicine and Therapies</i> , <b>2022</b> , 22, 39	2.9	0
1	Identification of VEGFR2 as the Histatin-1 receptor in endothelial cells.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 115079	6	0