

# Federico Pietrocola

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3798750/federico-pietrocola-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69  
papers

10,527  
citations

37  
h-index

76  
g-index

76  
ext. papers

12,832  
ext. citations

12.4  
avg, IF

5.89  
L-index

#	Paper	IF	Citations
69	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
68	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , <b>2015</b> , 34, 856-80	13	801
67	Acetyl coenzyme A: a central metabolite and second messenger. <i>Cell Metabolism</i> , <b>2015</b> , 21, 805-21	24.6	621
66	Metabolic control of autophagy. <i>Cell</i> , <b>2014</b> , 159, 1263-76	56.2	591
65	Cardioprotection and lifespan extension by the natural polyamine spermidine. <i>Nature Medicine</i> , <b>2016</b> , 22, 1428-1438	50.5	532
64	Spermidine in health and disease. <i>Science</i> , <b>2018</b> , 359,	33.3	358
63	Regulation of autophagy by cytosolic acetyl-coenzyme A. <i>Molecular Cell</i> , <b>2014</b> , 53, 710-25	17.6	331
62	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. <i>Cancer Cell</i> , <b>2016</b> , 30, 147-160	24.3	285
61	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , <b>2015</b> , 350, 972-83	33.3	267
60	Nutrition, inflammation and cancer. <i>Nature Immunology</i> , <b>2017</b> , 18, 843-850	19.1	197
59	Nucleocytosolic depletion of the energy metabolite acetyl-coenzyme a stimulates autophagy and prolongs lifespan. <i>Cell Metabolism</i> , <b>2014</b> , 19, 431-44	24.6	189
58	Regulation of autophagy by stress-responsive transcription factors. <i>Seminars in Cancer Biology</i> , <b>2013</b> , 23, 310-22	12.7	187
57	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 509-16	12.7	168
56	Caloric restriction mimetics: towards a molecular definition. <i>Nature Reviews Drug Discovery</i> , <b>2014</b> , 13, 727-40	64.1	156
55	Identification and characterization of Cardiac Glycosides as senolytic compounds. <i>Nature Communications</i> , <b>2019</b> , 10, 4731	17.4	127
54	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , <b>2015</b> , 34, 1025-41	13	126
53	Phosphatidylethanolamine positively regulates autophagy and longevity. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 499-508	12.7	123

52	Prognostic impact of vitamin B6 metabolism in lung cancer. <i>Cell Reports</i> , <b>2012</b> , 2, 257-69	10.6	100
51	Contribution of RIP3 and MLKL to immunogenic cell death signaling in cancer chemotherapy. <i>Oncot Immunology</i> , <b>2016</b> , 5, e1149673	7.2	99
50	Aspirin Recapitulates Features of Caloric Restriction. <i>Cell Reports</i> , <b>2018</b> , 22, 2395-2407	10.6	80
49	Pro-autophagic polyphenols reduce the acetylation of cytoplasmic proteins. <i>Cell Cycle</i> , <b>2012</b> , 11, 3851-60	4.7	79
48	Autophagy in major human diseases. <i>EMBO Journal</i> , <b>2021</b> , 40, e108863	13	79
47	Activation of Autophagy, Observed in Liver Tissues From Patients With Wilson Disease and From ATP7B-Deficient Animals, Protects Hepatocytes From Copper-Induced Apoptosis. <i>Gastroenterology</i> , <b>2019</b> , 156, 1173-1189.e5	13.3	62
46	The flavonoid 4,4'-dimethoxychalcone promotes autophagy-dependent longevity across species. <i>Nature Communications</i> , <b>2019</b> , 10, 651	17.4	62
45	STAT3 Inhibition Enhances the Therapeutic Efficacy of Immunogenic Chemotherapy by Stimulating Type 1 Interferon Production by Cancer Cells. <i>Cancer Research</i> , <b>2015</b> , 75, 3812-22	10.1	61
44	Autophagy counteracts weight gain, lipotoxicity and pancreatic $\beta$ cell death upon hypercaloric pro-diabetic regimens. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2970	9.8	53
43	Metabolic vulnerability of cisplatin-resistant cancers. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	52
42	Metabolic effects of fasting on human and mouse blood in vivo. <i>Autophagy</i> , <b>2017</b> , 13, 567-578	10.2	51
41	Resveratrol and aspirin eliminate tetraploid cells for anticancer chemoprevention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 3020-5	11.5	47
40	INO80 Chromatin Remodeler Facilitates Release of RNA Polymerase II from Chromatin for Ubiquitin-Mediated Proteasomal Degradation. <i>Molecular Cell</i> , <b>2015</b> , 60, 784-796	17.6	46
39	Dietary spermidine for lowering high blood pressure. <i>Autophagy</i> , <b>2017</b> , 13, 767-769	10.2	44
38	Autophagy induction for the treatment of cancer. <i>Autophagy</i> , <b>2016</b> , 12, 1962-1964	10.2	44
37	Impact of Pattern Recognition Receptors on the Prognosis of Breast Cancer Patients Undergoing Adjuvant Chemotherapy. <i>Cancer Research</i> , <b>2016</b> , 76, 3122-6	10.1	42
36	Autophagy in natural and therapy-driven anticancer immunosurveillance. <i>Autophagy</i> , <b>2017</b> , 13, 2163-2170	10.2	40
35	A synergistic triad of chemotherapy, immune checkpoint inhibitors, and caloric restriction mimetics eradicates tumors in mice. <i>Oncot Immunology</i> , <b>2019</b> , 8, e1657375	7.2	38

34	Dimethyl Eketoglutarate inhibits maladaptive autophagy in pressure overload-induced cardiomyopathy. <i>Autophagy</i> , <b>2014</b> , 10, 930-2	10.2	37
33	Acetyl-coenzyme A: a metabolic master regulator of autophagy and longevity. <i>Autophagy</i> , <b>2014</b> , 10, 1335-37	7.2	34
32	Coffee induces autophagy in vivo. <i>Cell Cycle</i> , <b>2014</b> , 13, 1987-94	4.7	34
31	3,4-Dimethoxychalcone induces autophagy through activation of the transcription factors TFE3 and TFEB. <i>EMBO Molecular Medicine</i> , <b>2019</b> , 11, e10469	12	33
30	Comprehensive autophagy evaluation in cardiac disease models. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 483-504	9.9	27
29	Lysosomal trapping of palbociclib and its functional implications. <i>Oncogene</i> , <b>2019</b> , 38, 3886-3902	9.2	23
28	Metabolomic analyses reveal that anti-aging metabolites are depleted by palmitate but increased by oleate in vivo. <i>Cell Cycle</i> , <b>2015</b> , 14, 2399-407	4.7	22
27	Aspirin-another caloric-restriction mimetic. <i>Autophagy</i> , <b>2018</b> , 14, 1162-1163	10.2	21
26	High-Throughput Quantification of GFP-LC3 Dots by Automated Fluorescence Microscopy. <i>Methods in Enzymology</i> , <b>2017</b> , 587, 71-86	1.7	18
25	Inhibition of formyl peptide receptor 1 reduces the efficacy of anticancer chemotherapy against carcinogen-induced breast cancer. <i>Oncolmmunology</i> , <b>2016</b> , 5, e1139275	7.2	17
24	A histone point mutation that switches on autophagy. <i>Autophagy</i> , <b>2014</b> , 10, 1143-5	10.2	17
23	Spermidine reduces cancer-related mortality in humans. <i>Autophagy</i> , <b>2019</b> , 15, 362-365	10.2	17
22	Metabolic interactions between cysteamine and epigallocatechin gallate. <i>Cell Cycle</i> , <b>2017</b> , 16, 271-279	4.7	15
21	Systemic autophagy in the therapeutic response to anthracycline-based chemotherapy. <i>Oncolmmunology</i> , <b>2019</b> , 8, e1498285	7.2	14
20	Eketoglutarate inhibits autophagy. <i>Aging</i> , <b>2019</b> , 11, 3418-3431	5.6	13
19	A TLR3 Ligand Reestablishes Chemotherapeutic Responses in the Context of FPR1 Deficiency. <i>Cancer Discovery</i> , <b>2021</b> , 11, 408-423	24.4	12
18	Autophagy in the cancer-immunity dialogue. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 169, 40-50	18.5	12
17	Chemical activation of SAT1 corrects diet-induced metabolic syndrome. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 2904-2920	12.7	11

16	Metformin: a metabolic modulator. <i>Oncotarget</i> , <b>2017</b> , 8, 9017-9020	3.3	11
15	Targeting Autophagy to Counteract Obesity-Associated Oxidative Stress. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	11
14	Improvement of immunogenic chemotherapy by STAT3 inhibition. <i>Oncolmmunology</i> , <b>2016</b> , 5, e1078061	7.2	9
13	Autophagy-mediated metabolic effects of aspirin. <i>Cell Death Discovery</i> , <b>2020</b> , 6, 129	6.9	8
12	Assessment of Glycolytic Flux and Mitochondrial Respiration in the Course of Autophagic Responses. <i>Methods in Enzymology</i> , <b>2017</b> , 588, 155-170	1.7	6
11	Triethylenetetramine (trientine): a caloric restriction mimetic with a new mode of action. <i>Autophagy</i> , <b>2020</b> , 16, 1534-1536	10.2	6
10	Caloric restriction promotes the stemness and antitumor activity of T lymphocytes. <i>Oncolmmunology</i> , <b>2019</b> , 8, e1616153	7.2	6
9	4,4Dimethoxychalcone: a natural flavonoid that promotes health through autophagy-dependent and -independent effects. <i>Autophagy</i> , <b>2019</b> , 15, 1662-1664	10.2	6
8	Molecular Regulation of Circadian Rhythms by Polyamines. <i>Cell Metabolism</i> , <b>2015</b> , 22, 757-8	24.6	4
7	Extending the mode of action of triethylenetetramine (trientine): Autophagy besides copper chelation. <i>Journal of Hepatology</i> , <b>2020</b> , 73, 970-972	13.4	4
6	Targeting GATA transcription factors - a novel strategy for anti-aging interventions?. <i>Microbial Cell</i> , <b>2019</b> , 6, 212-216	3.9	2
5	Ethanolamine: A novel anti-aging agent. <i>Molecular and Cellular Oncology</i> , <b>2016</b> , 3, e1019023	1.2	2
4	The scent of death: a metabolic goodbye signal emitted by dying cells. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 2030-2032	12.7	0
3	Autophagy assessment in circulating leukocytes. <i>Methods in Cell Biology</i> , <b>2021</b> , 164, 39-46	1.8	
2	Metabolic aspects of canonical versus noncanonical autophagy <b>2021</b> , 133-165		
1	Quantification of intracellular ACBP/DBI levels. <i>Methods in Cell Biology</i> , <b>2021</b> , 165, 111-122	1.8	