

# Federico Pietrocola

## List of Publications by Year in Descending Order

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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.

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	Autophagy assessment in circulating leukocytes. <i>Methods in Cell Biology</i> , <b>2021</b> , 164, 39-46	1.8	
68	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
67	Autophagy in the cancer-immunity dialogue. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 169, 40-50	18.5	12
66	Targeting Autophagy to Counteract Obesity-Associated Oxidative Stress. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	11
65	Metabolic aspects of canonical versus noncanonical autophagy <b>2021</b> , 133-165		
64	Autophagy in major human diseases. <i>EMBO Journal</i> , <b>2021</b> , 40, e108863	13	79
63	Quantification of intracellular ACBP/DBI levels. <i>Methods in Cell Biology</i> , <b>2021</b> , 165, 111-122	1.8	
62	Chemical activation of SAT1 corrects diet-induced metabolic syndrome. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 2904-2920	12.7	11
61	Triethylenetetramine (trientine): a caloric restriction mimetic with a new mode of action. <i>Autophagy</i> , <b>2020</b> , 16, 1534-1536	10.2	6
60	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
59	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
58	Autophagy-mediated metabolic effects of aspirin. <i>Cell Death Discovery</i> , <b>2020</b> , 6, 129	6.9	8
57	Comprehensive autophagy evaluation in cardiac disease models. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 483-504	9.9	27
56	A synergistic triad of chemotherapy, immune checkpoint inhibitors, and caloric restriction mimetics eradicates tumors in mice. <i>Oncotmunology</i> , <b>2019</b> , 8, e1657375	7.2	38
55	Lysosomal trapping of palbociclib and its functional implications. <i>Oncogene</i> , <b>2019</b> , 38, 3886-3902	9.2	23
54	Targeting GATA transcription factors - a novel strategy for anti-aging interventions?. <i>Microbial Cell</i> , <b>2019</b> , 6, 212-216	3.9	2
53	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

52	Caloric restriction promotes the stemness and antitumor activity of T lymphocytes. <i>Oncolimmunology</i> , <b>2019</b> , 8, e1616153	7.2	6
51	4,4'Dimethoxychalcone: a natural flavonoid that promotes health through autophagy-dependent and -independent effects. <i>Autophagy</i> , <b>2019</b> , 15, 1662-1664	10.2	6
50	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
49	β-Ketoglutarate inhibits autophagy. <i>Aging</i> , <b>2019</b> , 11, 3418-3431	5.6	13
48	The flavonoid 4,4'Dimethoxychalcone promotes autophagy-dependent longevity across species. <i>Nature Communications</i> , <b>2019</b> , 10, 651	17.4	62
47	Identification and characterization of Cardiac Glycosides as senolytic compounds. <i>Nature Communications</i> , <b>2019</b> , 10, 4731	17.4	127
46	Systemic autophagy in the therapeutic response to anthracycline-based chemotherapy. <i>Oncolimmunology</i> , <b>2019</b> , 8, e1498285	7.2	14
45	Spermidine reduces cancer-related mortality in humans. <i>Autophagy</i> , <b>2019</b> , 15, 362-365	10.2	17
44	Aspirin Recapitulates Features of Caloric Restriction. <i>Cell Reports</i> , <b>2018</b> , 22, 2395-2407	10.6	80
43	Spermidine in health and disease. <i>Science</i> , <b>2018</b> , 359,	33.3	358
42	Aspirin-another caloric-restriction mimetic. <i>Autophagy</i> , <b>2018</b> , 14, 1162-1163	10.2	21
41	Metabolic vulnerability of cisplatin-resistant cancers. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	52
40	Metabolic effects of fasting on human and mouse blood in vivo. <i>Autophagy</i> , <b>2017</b> , 13, 567-578	10.2	51
39	Metabolic interactions between cysteamine and epigallocatechin gallate. <i>Cell Cycle</i> , <b>2017</b> , 16, 271-279	4.7	15
38	Dietary spermidine for lowering high blood pressure. <i>Autophagy</i> , <b>2017</b> , 13, 767-769	10.2	44
37	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
36	Autophagy in natural and therapy-driven anticancer immunosurveillance. <i>Autophagy</i> , <b>2017</b> , 13, 2163-2170	10.2	40
35	Nutrition, inflammation and cancer. <i>Nature Immunology</i> , <b>2017</b> , 18, 843-850	19.1	197

34	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
33	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
32	Metformin: a metabolic modulator. <i>Oncotarget</i> , <b>2017</b> , 8, 9017-9020	3.3	11
31	Improvement of immunogenic chemotherapy by STAT3 inhibition. <i>Oncolmmunology</i> , <b>2016</b> , 5, e1078061	7.2	9
30	Autophagy induction for the treatment of cancer. <i>Autophagy</i> , <b>2016</b> , 12, 1962-1964	10.2	44
29	Cardioprotection and lifespan extension by the natural polyamine spermidine. <i>Nature Medicine</i> , <b>2016</b> , 22, 1428-1438	50.5	532
28	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
27	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
26	Ethanolamine: A novel anti-aging agent. <i>Molecular and Cellular Oncology</i> , <b>2016</b> , 3, e1019023	1.2	2
25	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
24	Contribution of RIP3 and MLKL to immunogenic cell death signaling in cancer chemotherapy. <i>Oncolmmunology</i> , <b>2016</b> , 5, e1149673	7.2	99
23	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. <i>Cancer Cell</i> , <b>2016</b> , 30, 147-160	24.3	285
22	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , <b>2015</b> , 34, 856-80	13	801
21	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
20	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
19	Phosphatidylethanolamine positively regulates autophagy and longevity. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 499-508	12.7	123
18	Molecular Regulation of Circadian Rhythms by Polyamines. <i>Cell Metabolism</i> , <b>2015</b> , 22, 757-8	24.6	4
17	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , <b>2015</b> , 350, 972-3	33.3	267

16	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 509-16	12.7	168
15	Acetyl coenzyme A: a central metabolite and second messenger. <i>Cell Metabolism</i> , <b>2015</b> , 21, 805-21	24.6	621
14	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
13	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , <b>2015</b> , 34, 1025-41	13	126
12	Regulation of autophagy by cytosolic acetyl-coenzyme A. <i>Molecular Cell</i> , <b>2014</b> , 53, 710-25	17.6	331
11	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
10	Caloric restriction mimetics: towards a molecular definition. <i>Nature Reviews Drug Discovery</i> , <b>2014</b> , 13, 727-40	64.1	156
9	A histone point mutation that switches on autophagy. <i>Autophagy</i> , <b>2014</b> , 10, 1143-5	10.2	17
8	Acetyl-coenzyme A: a metabolic master regulator of autophagy and longevity. <i>Autophagy</i> , <b>2014</b> , 10, 1335-7	17.2	34
7	Coffee induces autophagy in vivo. <i>Cell Cycle</i> , <b>2014</b> , 13, 1987-94	4.7	34
6	Metabolic control of autophagy. <i>Cell</i> , <b>2014</b> , 159, 1263-76	56.2	591
5	Dimethyl lketoglutarate inhibits maladaptive autophagy in pressure overload-induced cardiomyopathy. <i>Autophagy</i> , <b>2014</b> , 10, 930-2	10.2	37
4	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
3	Regulation of autophagy by stress-responsive transcription factors. <i>Seminars in Cancer Biology</i> , <b>2013</b> , 23, 310-22	12.7	187
2	Pro-autophagic polyphenols reduce the acetylation of cytoplasmic proteins. <i>Cell Cycle</i> , <b>2012</b> , 11, 3851-60	4.7	79
1	Prognostic impact of vitamin B6 metabolism in lung cancer. <i>Cell Reports</i> , <b>2012</b> , 2, 257-69	10.6	100