Federico Pietrocola

List of Publications by Year
in descending order

75 papers	14,615 citations	71102 41 h-index	85541 71 g-index
76 all docs	76 docs citations	76 times ranked	26494 citing authors

#	Article	IF	Citations
1	Autophagy Alteration in ApoA-I Related Systemic Amyloidosis. International Journal of Molecular Sciences, 2022, 23, 3498.	4.1	3
2	Natural killer cells act as an extrinsic barrier for in vivo reprogramming. Development (Cambridge), 2022, 149, .	2.5	12
3	A TLR3 Ligand Reestablishes Chemotherapeutic Responses in the Context of FPR1 Deficiency. Cancer Discovery, 2021, 11, 408-423.	9.4	28
4	Autophagy in the cancer-immunity dialogue. Advanced Drug Delivery Reviews, 2021, 169, 40-50.	13.7	46
5	Targeting Autophagy to Counteract Obesity-Associated Oxidative Stress. Antioxidants, 2021, 10, 102.	5.1	32
6	Metabolic aspects of canonical versus noncanonical autophagy. , 2021, , 133-165.		0
7	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615
8	Quantification of intracellular ACBP/DBI levels. Methods in Cell Biology, 2021, 165, 111-122.	1.1	2
9	Comprehensive autophagy evaluation in cardiac disease models. Cardiovascular Research, 2020, 116, 483-504.	3.8	41
10	Extending the mode of action of triethylenetetramine (trientine): Autophagy besides copper chelation. Journal of Hepatology, 2020, 73, 970-972.	3.7	6
11	Autophagy assessment in circulating leukocytes. Methods in Cell Biology, 2020, 164, 39-46.	1.1	0
12	Autophagy-mediated metabolic effects of aspirin. Cell Death Discovery, 2020, 6, 129.	4.7	17
13	Chemical activation of SAT1 corrects diet-induced metabolic syndrome. Cell Death and Differentiation, 2020, 27, 2904-2920.	11.2	22
14	Triethylenetetramine (trientine): a caloric restriction mimetic with a new mode of action. Autophagy, 2020, 16, 1534-1536.	9.1	8
15	The scent of death: a metabolic goodbye signal emitted by dying cells. Cell Death and Differentiation, 2020, 27, 2030-2032.	11.2	1
16	Caloric restriction promotes the stemness and antitumor activity of T lymphocytes. OncoImmunology, 2019, 8, e1616153.	4.6	9
17	4,4'Dimethoxychalcone: a natural flavonoid that promotes health through autophagy-dependent and -independent effects. Autophagy, 2019, 15, 1662-1664.	9.1	8
18	3,4â€Dimethoxychalcone induces autophagy through activation of the transcription factors <scp>TFE</scp> 3 and <scp>TFEB</scp>. EMBO Molecular Medicine, 2019, 11, e10469.	6.9	45

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19	A synergistic triad of chemotherapy, immune checkpoint inhibitors, and caloric restriction mimetics eradicates tumors in mice. OncoImmunology, 2019, 8, e1657375.	4.6	56
20	Lysosomal trapping of palbociclib and its functional implications. Oncogene, 2019, 38, 3886-3902.	5.9	57
21	Targeting GATA transcription factors â€“ a novel strategy for anti-aging interventions?. Microbial Cell, 2019, 6, 212-216.	3.2	6
22	Activation of Autophagy, Observed in Liver Tissues From Patients With Wilson Disease and From ATP7B-Deficient Animals, Protects Hepatocytes From Copper-Induced Apoptosis. Gastroenterology, 2019, 156, 1173-1189.e5.	1.3	150
23	The flavonoid 4,4â€²-dimethoxychalcone promotes autophagy-dependent longevity across species. Nature Communications, 2019, 10, 651.	12.8	100
24	Identification and characterization of Cardiac Glycosides as senolytic compounds. Nature Communications, 2019, 10, 4731.	12.8	230
25	Systemic autophagy in the therapeutic response to anthracycline-based chemotherapy. OncoImmunology, 2019, 8, e1498285.	4.6	25
26	Spermidine reduces cancer-related mortality in humans. Autophagy, 2019, 15, 362-365.	9.1	31
27	Î±-Ketoglutarate inhibits autophagy. Aging, 2019, 11, 3418-3431.	3.1	30
28	Aspirin Recapitulates Features of Caloric Restriction. Cell Reports, 2018, 22, 2395-2407.	6.4	98
29	Spermidine in health and disease. Science, 2018, 359, .	12.6	616
30	Aspirinâ€”another caloric-restriction mimetic. Autophagy, 2018, 14, 1162-1163.	9.1	25
31	Metabolic vulnerability of cisplatinâ€resistant cancers. EMBO Journal, 2018, 37, .	7.8	84
32	Aspirin induces autophagy via inhibition of the acetyltransferase EP300. Oncotarget, 2018, 9, 24574-24575.	1.8	11
33	Metabolic effects of fasting on human and mouse blood in vivo. Autophagy, 2017, 13, 567-578.	9.1	75
34	Metabolic interactions between cysteamine and epigallocatechin gallate. Cell Cycle, 2017, 16, 271-279.	2.6	17
35	Dietary spermidine for lowering high blood pressure. Autophagy, 2017, 13, 767-769.	9.1	63
36	Assessment of Glycolytic Flux and Mitochondrial Respiration in the Course of Autophagic Responses. Methods in Enzymology, 2017, 588, 155-170.	1.0	6

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37	Autophagy in natural and therapy-driven anticancer immunosurveillance. Autophagy, 2017, 13, 2163-2170.	9.1	52
38	Nutrition, inflammation and cancer. Nature Immunology, 2017, 18, 843-850.	14.5	313
39	Autophagy couteracts weight gain, lipotoxicity and pancreatic Î²-cell death upon hypercaloric pro-diabetic regimens. Cell Death and Disease, 2017, 8, e2970-e2970.	6.3	78
40	High-Throughput Quantification of GFP-LC3+ Dots by Automated Fluorescence Microscopy. Methods in Enzymology, 2017, 587, 71-86.	1.0	20
41	Metformin: a metabolic modulator. Oncotarget, 2017, 8, 9017-9020.	1.8	13
42	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. Cancer Cell, 2016, 30, 147-160.	16.8	410
43	Fasting improves anticancer immunosurveillance via autophagy induction in malignant cells. Cell Cycle, 2016, 15, 3327-3328.	2.6	17
44	Autophagy induction for the treatment of cancer. Autophagy, 2016, 12, 1962-1964.	9.1	50
45	Cardioprotection and lifespan extension by the natural polyamine spermidine. Nature Medicine, 2016, 22, 1428-1438.	30.7	801
46	Impact of Pattern Recognition Receptors on the Prognosis of Breast Cancer Patients Undergoing Adjuvant Chemotherapy. Cancer Research, 2016, 76, 3122-3126.	0.9	47
47	Inhibition of formyl peptide receptor 1 reduces the efficacy of anticancer chemotherapy against carcinogen-induced breast cancer. OncoImmunology, 2016, 5, e1139275.	4.6	21
48	Ethanolamine: A novel anti-aging agent. Molecular and Cellular Oncology, 2016, 3, e1019023.	0.7	4
49	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
50	Contribution of RIP3 and MLKL to immunogenic cell death signaling in cancer chemotherapy. OncoImmunology, 2016, 5, e1149673.	4.6	136
51	Improvement of immunogenic chemotherapy by STAT3 inhibition. OncoImmunology, 2016, 5, e1078061.	4.6	15
52	Acetyl Coenzyme A: A Central Metabolite and Second Messenger. Cell Metabolism, 2015, 21, 805-821.	16.2	963
53	INO80 Chromatin Remodeler Facilitates Release of RNA Polymerase II from Chromatin for Ubiquitin-Mediated Proteasomal Degradation. Molecular Cell, 2015, 60, 784-796.	9.7	64
54	Unsaturated fatty acids induce nonâ€canonical autophagy. EMBO Journal, 2015, 34, 1025-1041.	7.8	147

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55	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	7.8	1,012
56	STAT3 Inhibition Enhances the Therapeutic Efficacy of Immunogenic Chemotherapy by Stimulating Type 1 Interferon Production by Cancer Cells. Cancer Research, 2015, 75, 3812-3822.	0.9	85
57	Metabolomic analyses reveal that anti-aging metabolites are depleted by palmitate but increased by oleate in vivo. Cell Cycle, 2015, 14, 2399-2407.	2.6	27
58	Phosphatidylethanolamine positively regulates autophagy and longevity. Cell Death and Differentiation, 2015, 22, 499-508.	11.2	184
59	Molecular Regulation of Circadian Rhythms by Polyamines. Cell Metabolism, 2015, 22, 757-758.	16.2	4
60	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. Science, 2015, 350, 972-978.	12.6	367
61	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. Cell Death and Differentiation, 2015, 22, 509-516.	11.2	237
62	A histone point mutation that switches on autophagy. Autophagy, 2014, 10, 1143-1145.	9.1	18
63	Acetyl-coenzyme A. Autophagy, 2014, 10, 1335-1337.	9.1	42
64	Coffee induces autophagy in vivo. Cell Cycle, 2014, 13, 1987-1994.	2.6	49
65	Metabolic Control of Autophagy. Cell, 2014, 159, 1263-1276.	28.9	703
66	Caloric restriction mimetics: natural/physiological pharmacological autophagy inducers. Autophagy, 2014, 10, 1879-1882.	9.1	91
67	Dimethyl Î±-ketoglutarate inhibits maladaptive autophagy in pressure overload-induced cardiomyopathy. Autophagy, 2014, 10, 930-932.	9.1	45
68	Nucleocytosolic Depletion of the Energy Metabolite Acetyl-Coenzyme A Stimulates Autophagy and Prolongs Lifespan. Cell Metabolism, 2014, 19, 431-444.	16.2	221
69	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. Molecular Cell, 2014, 53, 710-725.	9.7	412
70	Resveratrol and aspirin eliminate tetraploid cells for anticancer chemoprevention. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3020-3025.	7.1	59
71	Caloric restriction mimetics: towards a molecular definition. Nature Reviews Drug Discovery, 2014, 13, 727-740.	46.4	200
72	Regulation of autophagy by stress-responsive transcription factors. Seminars in Cancer Biology, 2013, 23, 310-322.	9.6	215

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73	Pro-autophagic polyphenols reduce the acetylation of cytoplasmic proteins. Cell Cycle, 2012, 11, 3851-3860.	2.6	91
74	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 257-269.	6.4	122
75	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 1472.	6.4	0