

Federico Pietrocola

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

14,615
citations

81434

41
h-index

97045

71
g-index

76
all docs

76
docs citations

76
times ranked

28596
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy Alteration in ApoA-I Related Systemic Amyloidosis. International Journal of Molecular Sciences, 2022, 23, 3498.	1.8	3
2	Natural killer cells act as an extrinsic barrier for <i>in vivo</i> reprogramming. Development (Cambridge), 2022, 149, .	1.2	12
3	A TLR3 Ligand Reestablishes Chemotherapeutic Responses in the Context of FPR1 Deficiency. Cancer Discovery, 2021, 11, 408-423.	7.7	28
4	Autophagy in the cancer-immunity dialogue. Advanced Drug Delivery Reviews, 2021, 169, 40-50.	6.6	46
5	Targeting Autophagy to Counteract Obesity-Associated Oxidative Stress. Antioxidants, 2021, 10, 102.	2.2	32
6	Metabolic aspects of canonical versus noncanonical autophagy. , 2021, , 133-165.		0
7	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	3.5	615
8	Quantification of intracellular ACBP/DBI levels. Methods in Cell Biology, 2021, 165, 111-122.	0.5	2
9	Comprehensive autophagy evaluation in cardiac disease models. Cardiovascular Research, 2020, 116, 483-504.	1.8	41
10	Extending the mode of action of triethylenetetramine (trientine): Autophagy besides copper chelation. Journal of Hepatology, 2020, 73, 970-972.	1.8	6
11	Autophagy assessment in circulating leukocytes. Methods in Cell Biology, 2020, 164, 39-46.	0.5	0
12	Autophagy-mediated metabolic effects of aspirin. Cell Death Discovery, 2020, 6, 129.	2.0	17
13	Chemical activation of SAT1 corrects diet-induced metabolic syndrome. Cell Death and Differentiation, 2020, 27, 2904-2920.	5.0	22
14	Triethylenetetramine (trientine): a caloric restriction mimetic with a new mode of action. Autophagy, 2020, 16, 1534-1536.	4.3	8
15	The scent of death: a metabolic goodbye signal emitted by dying cells. Cell Death and Differentiation, 2020, 27, 2030-2032.	5.0	1
16	Caloric restriction promotes the stemness and antitumor activity of T lymphocytes. Oncoimmunology, 2019, 8, e1616153.	2.1	9
17	4,4'-Dimethoxychalcone: a natural flavonoid that promotes health through autophagy-dependent and -independent effects. Autophagy, 2019, 15, 1662-1664.	4.3	8
18	3,4'-Dimethoxychalcone induces autophagy through activation of the transcription factors $\text{TFE}3$ and TFEB . EMBO Molecular Medicine, 2019, 11, e10469.	3.3	45

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19	A synergistic triad of chemotherapy, immune checkpoint inhibitors, and caloric restriction mimetics eradicates tumors in mice. <i>Oncolmmunology</i> , 2019, 8, e1657375.	2.1	56
20	Lysosomal trapping of palbociclib and its functional implications. <i>Oncogene</i> , 2019, 38, 3886-3902.	2.6	57
21	Targeting GATA transcription factors â€“ a novel strategy for anti-aging interventions?. <i>Microbial Cell</i> , 2019, 6, 212-216.	1.4	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. <i>Gastroenterology</i> , 2019, 156, 1173-1189.e5.	0.6	150
23	The flavonoid 4,4â€²-dimethoxychalcone promotes autophagy-dependent longevity across species. <i>Nature Communications</i> , 2019, 10, 651.	5.8	100
24	Identification and characterization of Cardiac Glycosides as senolytic compounds. <i>Nature Communications</i> , 2019, 10, 4731.	5.8	230
25	Systemic autophagy in the therapeutic response to anthracycline-based chemotherapy. <i>Oncolmmunology</i> , 2019, 8, e1498285.	2.1	25
26	Spermidine reduces cancer-related mortality in humans. <i>Autophagy</i> , 2019, 15, 362-365.	4.3	31
27	Î±-Ketoglutarate inhibits autophagy. <i>Aging</i> , 2019, 11, 3418-3431.	1.4	30
28	Aspirin Recapitulates Features of Caloric Restriction. <i>Cell Reports</i> , 2018, 22, 2395-2407.	2.9	98
29	Spermidine in health and disease. <i>Science</i> , 2018, 359, .	6.0	616
30	Aspirinâ€™ another caloric-restriction mimetic. <i>Autophagy</i> , 2018, 14, 1162-1163.	4.3	25
31	Metabolic vulnerability of cisplatinâ€™resistant cancers. <i>EMBO Journal</i> , 2018, 37, .	3.5	84
32	Aspirin induces autophagy <i>via</i> inhibition of the acetyltransferase EP300. <i>Oncotarget</i> , 2018, 9, 24574-24575.	0.8	11
33	Metabolic effects of fasting on human and mouse blood in vivo. <i>Autophagy</i> , 2017, 13, 567-578.	4.3	75
34	Metabolic interactions between cysteamine and epigallocatechin gallate. <i>Cell Cycle</i> , 2017, 16, 271-279.	1.3	17
35	Dietary spermidine for lowering high blood pressure. <i>Autophagy</i> , 2017, 13, 767-769.	4.3	63
36	Assessment of Glycolytic Flux and Mitochondrial Respiration in the Course of Autophagic Responses. <i>Methods in Enzymology</i> , 2017, 588, 155-170.	0.4	6

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37	Autophagy in natural and therapy-driven anticancer immunosurveillance. <i>Autophagy</i> , 2017, 13, 2163-2170.	4.3	52
38	Nutrition, inflammation and cancer. <i>Nature Immunology</i> , 2017, 18, 843-850.	7.0	313
39	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.	2.7	78
40	High-Throughput Quantification of GFP-LC3+ Dots by Automated Fluorescence Microscopy. <i>Methods in Enzymology</i> , 2017, 587, 71-86.	0.4	20
41	Metformin: a metabolic modulator. <i>Oncotarget</i> , 2017, 8, 9017-9020.	0.8	13
42	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. <i>Cancer Cell</i> , 2016, 30, 147-160.	7.7	410
43	Fasting improves anticancer immunosurveillance via autophagy induction in malignant cells. <i>Cell Cycle</i> , 2016, 15, 3327-3328.	1.3	17
44	Autophagy induction for the treatment of cancer. <i>Autophagy</i> , 2016, 12, 1962-1964.	4.3	50
45	Cardioprotection and lifespan extension by the natural polyamine spermidine. <i>Nature Medicine</i> , 2016, 22, 1428-1438.	15.2	801
46	Impact of Pattern Recognition Receptors on the Prognosis of Breast Cancer Patients Undergoing Adjuvant Chemotherapy. <i>Cancer Research</i> , 2016, 76, 3122-3126.	0.4	47
47	Inhibition of formyl peptide receptor 1 reduces the efficacy of anticancer chemotherapy against carcinogen-induced breast cancer. <i>Oncolmmunology</i> , 2016, 5, e1139275.	2.1	21
48	Ethanolamine: A novel anti-aging agent. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1019023.	0.3	4
49	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
50	Contribution of RIP3 and MLKL to immunogenic cell death signaling in cancer chemotherapy. <i>Oncolmmunology</i> , 2016, 5, e1149673.	2.1	136
51	Improvement of immunogenic chemotherapy by STAT3 inhibition. <i>Oncolmmunology</i> , 2016, 5, e1078061.	2.1	15
52	Acetyl Coenzyme A: A Central Metabolite and Second Messenger. <i>Cell Metabolism</i> , 2015, 21, 805-821.	7.2	963
53	INO80 Chromatin Remodeler Facilitates Release of RNA Polymerase II from Chromatin for Ubiquitin-Mediated Proteasomal Degradation. <i>Molecular Cell</i> , 2015, 60, 784-796.	4.5	64
54	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , 2015, 34, 1025-1041.	3.5	147

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55	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	3.5	1,012
56	STAT3 Inhibition Enhances the Therapeutic Efficacy of Immunogenic Chemotherapy by Stimulating Type 1 Interferon Production by Cancer Cells. <i>Cancer Research</i> , 2015, 75, 3812-3822.	0.4	85
57	Metabolomic analyses reveal that anti-aging metabolites are depleted by palmitate but increased by oleate <i>in vivo</i> . <i>Cell Cycle</i> , 2015, 14, 2399-2407.	1.3	27
58	Phosphatidylethanolamine positively regulates autophagy and longevity. <i>Cell Death and Differentiation</i> , 2015, 22, 499-508.	5.0	184
59	Molecular Regulation of Circadian Rhythms by Polyamines. <i>Cell Metabolism</i> , 2015, 22, 757-758.	7.2	4
60	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , 2015, 350, 972-978.	6.0	367
61	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. <i>Cell Death and Differentiation</i> , 2015, 22, 509-516.	5.0	237
62	A histone point mutation that switches on autophagy. <i>Autophagy</i> , 2014, 10, 1143-1145.	4.3	18
63	Acetyl-coenzyme A. <i>Autophagy</i> , 2014, 10, 1335-1337.	4.3	42
64	Coffee induces autophagy <i>in vivo</i> . <i>Cell Cycle</i> , 2014, 13, 1987-1994.	1.3	49
65	Metabolic Control of Autophagy. <i>Cell</i> , 2014, 159, 1263-1276.	13.5	703
66	Caloric restriction mimetics: natural/physiological pharmacological autophagy inducers. <i>Autophagy</i> , 2014, 10, 1879-1882.	4.3	91
67	Dimethyl α -ketoglutarate inhibits maladaptive autophagy in pressure overload-induced cardiomyopathy. <i>Autophagy</i> , 2014, 10, 930-932.	4.3	45
68	Nucleocytosolic Depletion of the Energy Metabolite Acetyl-Coenzyme A Stimulates Autophagy and Prolongs Lifespan. <i>Cell Metabolism</i> , 2014, 19, 431-444.	7.2	221
69	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. <i>Molecular Cell</i> , 2014, 53, 710-725.	4.5	412
70	Resveratrol and aspirin eliminate tetraploid cells for anticancer chemoprevention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3020-3025.	3.3	59
71	Caloric restriction mimetics: towards a molecular definition. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 727-740.	21.5	200
72	Regulation of autophagy by stress-responsive transcription factors. <i>Seminars in Cancer Biology</i> , 2013, 23, 310-322.	4.3	215

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73	Pro-autophagic polyphenols reduce the acetylation of cytoplasmic proteins. <i>Cell Cycle</i> , 2012, 11, 3851-3860.	1.3	91
74	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. <i>Cell Reports</i> , 2012, 2, 257-269.	2.9	122
75	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. <i>Cell Reports</i> , 2012, 2, 1472.	2.9	0