

Federico Pietrocola

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3798750/publications.pdf>

Version: 2024-02-01

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	7.8	1,012
3	Acetyl Coenzyme A: A Central Metabolite and Second Messenger. Cell Metabolism, 2015, 21, 805-821.	16.2	963
4	Cardioprotection and lifespan extension by the natural polyamine spermidine. Nature Medicine, 2016, 22, 1428-1438.	30.7	801
5	Metabolic Control of Autophagy. Cell, 2014, 159, 1263-1276.	28.9	703
6	Spermidine in health and disease. Science, 2018, 359, .	12.6	616
7	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615
8	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. Molecular Cell, 2014, 53, 710-725.	9.7	412
9	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. Cancer Cell, 2016, 30, 147-160.	16.8	410
10	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. Science, 2015, 350, 972-978.	12.6	367
11	Nutrition, inflammation and cancer. Nature Immunology, 2017, 18, 843-850.	14.5	313
12	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. Cell Death and Differentiation, 2015, 22, 509-516.	11.2	237
13	Identification and characterization of Cardiac Glycosides as senolytic compounds. Nature Communications, 2019, 10, 4731.	12.8	230
14	Nucleocytosolic Depletion of the Energy Metabolite Acetyl-Coenzyme A Stimulates Autophagy and Prolongs Lifespan. Cell Metabolism, 2014, 19, 431-444.	16.2	221
15	Regulation of autophagy by stress-responsive transcription factors. Seminars in Cancer Biology, 2013, 23, 310-322.	9.6	215
16	Caloric restriction mimetics: towards a molecular definition. Nature Reviews Drug Discovery, 2014, 13, 727-740.	46.4	200
17	Phosphatidylethanolamine positively regulates autophagy and longevity. Cell Death and Differentiation, 2015, 22, 499-508.	11.2	184
18	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

#	ARTICLE	IF	CITATIONS
19	Unsaturated fatty acids induce noncanonical autophagy. EMBO Journal, 2015, 34, 1025-1041.	7.8	147
20	Contribution of RIP3 and MLKL to immunogenic cell death signaling in cancer chemotherapy. OncolImmunology, 2016, 5, e1149673.	4.6	136
21	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 257-269.	6.4	122
22	The flavonoid 4,4'-dimethoxychalcone promotes autophagy-dependent longevity across species. Nature Communications, 2019, 10, 651.	12.8	100
23	Aspirin Recapitulates Features of Caloric Restriction. Cell Reports, 2018, 22, 2395-2407.	6.4	98
24	Pro-autophagic polyphenols reduce the acetylation of cytoplasmic proteins. Cell Cycle, 2012, 11, 3851-3860.	2.6	91
25	Caloric restriction mimetics: natural/physiological pharmacological autophagy inducers. Autophagy, 2014, 10, 1879-1882.	9.1	91
26	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
27	Metabolic vulnerability of cisplatin-resistant cancers. EMBO Journal, 2018, 37, .	7.8	84
28	Autophagy counteracts weight gain, lipotoxicity and pancreatic Î²-cell death upon hypercaloric pro-diabetic regimens. Cell Death and Disease, 2017, 8, e2970-e2970.	6.3	78
29	Metabolic effects of fasting on human and mouse blood in vivo. Autophagy, 2017, 13, 567-578.	9.1	75
30	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
31	Dietary spermidine for lowering high blood pressure. Autophagy, 2017, 13, 767-769.	9.1	63
32	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
33	Lysosomal trapping of palbociclib and its functional implications. Oncogene, 2019, 38, 3886-3902.	5.9	57
34	A synergistic triad of chemotherapy, immune checkpoint inhibitors, and caloric restriction mimetics eradicates tumors in mice. OncolImmunology, 2019, 8, e1657375.	4.6	56
35	Autophagy in natural and therapy-driven anticancer immunosurveillance. Autophagy, 2017, 13, 2163-2170.	9.1	52
36	Autophagy induction for the treatment of cancer. Autophagy, 2016, 12, 1962-1964.	9.1	50

#	ARTICLE	IF	CITATIONS
37	Coffee induces autophagy in vivo. <i>Cell Cycle</i> , 2014, 13, 1987-1994.	2.6	49
38	Impact of Pattern Recognition Receptors on the Prognosis of Breast Cancer Patients Undergoing Adjuvant Chemotherapy. <i>Cancer Research</i> , 2016, 76, 3122-3126.	0.9	47
39	Autophagy in the cancer-immunity dialogue. <i>Advanced Drug Delivery Reviews</i> , 2021, 169, 40-50.	13.7	46
40	Dimethyl α -ketoglutarate inhibits maladaptive autophagy in pressure overload-induced cardiomyopathy. <i>Autophagy</i> , 2014, 10, 930-932.	9.1	45
41	3,4-Dimethoxychalcone induces autophagy through activation of the transcription factors β 3 and β TFEB. <i>EMBO Molecular Medicine</i> , 2019, 11, e10469.	6.9	45
42	Acetyl-coenzyme A. <i>Autophagy</i> , 2014, 10, 1335-1337.	9.1	42
43	Comprehensive autophagy evaluation in cardiac disease models. <i>Cardiovascular Research</i> , 2020, 116, 483-504.	3.8	41
44	Targeting Autophagy to Counteract Obesity-Associated Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 102.	5.1	32
45	Spermidine reduces cancer-related mortality in humans. <i>Autophagy</i> , 2019, 15, 362-365.	9.1	31
46	α -Ketoglutarate inhibits autophagy. <i>Aging</i> , 2019, 11, 3418-3431.	3.1	30
47	A TLR3 Ligand Reestablishes Chemotherapeutic Responses in the Context of FPR1 Deficiency. <i>Cancer Discovery</i> , 2021, 11, 408-423.	9.4	28
48	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.	2.6	27
49	Aspirin "another caloric-restriction mimetic. <i>Autophagy</i> , 2018, 14, 1162-1163.	9.1	25
50	Systemic autophagy in the therapeutic response to anthracycline-based chemotherapy. <i>Oncolmmunology</i> , 2019, 8, e1498285.	4.6	25
51	Chemical activation of SAT1 corrects diet-induced metabolic syndrome. <i>Cell Death and Differentiation</i> , 2020, 27, 2904-2920.	11.2	22
52	Inhibition of formyl peptide receptor 1 reduces the efficacy of anticancer chemotherapy against carcinogen-induced breast cancer. <i>Oncolmmunology</i> , 2016, 5, e1139275.	4.6	21
53	High-Throughput Quantification of GFP-LC3+ Dots by Automated Fluorescence Microscopy. <i>Methods in Enzymology</i> , 2017, 587, 71-86.	1.0	20
54	A histone point mutation that switches on autophagy. <i>Autophagy</i> , 2014, 10, 1143-1145.	9.1	18

#	ARTICLE	IF	CITATIONS
55	Fasting improves anticancer immunosurveillance via autophagy induction in malignant cells. <i>Cell Cycle</i> , 2016, 15, 3327-3328.	2.6	17
56	Metabolic interactions between cysteamine and epigallocatechin gallate. <i>Cell Cycle</i> , 2017, 16, 271-279.	2.6	17
57	Autophagy-mediated metabolic effects of aspirin. <i>Cell Death Discovery</i> , 2020, 6, 129.	4.7	17
58	Improvement of immunogenic chemotherapy by STAT3 inhibition. <i>Oncolmunology</i> , 2016, 5, e1078061.	4.6	15
59	Metformin: a metabolic modulator. <i>Oncotarget</i> , 2017, 8, 9017-9020.	1.8	13
60	Natural killer cells act as an extrinsic barrier for <i>in vivo</i> reprogramming. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	12
61	Aspirin induces autophagy <i>via</i> inhibition of the acetyltransferase EP300. <i>Oncotarget</i> , 2018, 9, 24574-24575.	1.8	11
62	Caloric restriction promotes the stemness and antitumor activity of T lymphocytes. <i>Oncolmunology</i> , 2019, 8, e1616153.	4.6	9
63	4,4'-Dimethoxychalcone: a natural flavonoid that promotes health through autophagy-dependent and -independent effects. <i>Autophagy</i> , 2019, 15, 1662-1664.	9.1	8
64	Triethylenetetramine (trientine): a caloric restriction mimetic with a new mode of action. <i>Autophagy</i> , 2020, 16, 1534-1536.	9.1	8
65	Assessment of Glycolytic Flux and Mitochondrial Respiration in the Course of Autophagic Responses. <i>Methods in Enzymology</i> , 2017, 588, 155-170.	1.0	6
66	Targeting GATA transcription factors – a novel strategy for anti-aging interventions?. <i>Microbial Cell</i> , 2019, 6, 212-216.	3.2	6
67	Extending the mode of action of triethylenetetramine (trientine): Autophagy besides copper chelation. <i>Journal of Hepatology</i> , 2020, 73, 970-972.	3.7	6
68	Molecular Regulation of Circadian Rhythms by Polyamines. <i>Cell Metabolism</i> , 2015, 22, 757-758.	16.2	4
69	Ethanolamine: A novel anti-aging agent. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1019023.	0.7	4
70	Autophagy Alteration in ApoA-I Related Systemic Amyloidosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3498.	4.1	3
71	Quantification of intracellular ACBP/DBI levels. <i>Methods in Cell Biology</i> , 2021, 165, 111-122.	1.1	2
72	The scent of death: a metabolic goodbye signal emitted by dying cells. <i>Cell Death and Differentiation</i> , 2020, 27, 2030-2032.	11.2	1

#	ARTICLE	IF	CITATIONS
73	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 1472.	6.4	0
74	Autophagy assessment in circulating leukocytes. Methods in Cell Biology, 2020, 164, 39-46.	1.1	0
75	Metabolic aspects of canonical versus noncanonical autophagy. , 2021, , 133-165.		0