

Jos Manuel Bravo San Pedro

List of Publications by Citations

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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.

95
papers

12,044
citations

39
h-index

100
g-index

100
ext. papers

14,626
ext. citations

9.3
avg, IF

6.25
L-index

#	Paper	IF	Citations
95	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
94	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857
93	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015 , 34, 856-80	13	801
92	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015 , 22, 58-73	12.7	643
91	Acetyl coenzyme A: a central metabolite and second messenger. <i>Cell Metabolism</i> , 2015 , 21, 805-21	24.6	621
90	Mitochondrial metabolism and cancer. <i>Cell Research</i> , 2018 , 28, 265-280	24.7	462
89	Pharmacological modulation of autophagy: therapeutic potential and persisting obstacles. <i>Nature Reviews Drug Discovery</i> , 2017 , 16, 487-511	64.1	460
88	Autophagy and Mitophagy in Cardiovascular Disease. <i>Circulation Research</i> , 2017 , 120, 1812-1824	15.7	312
87	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014 , 5, 12472-508	3.3	301
86	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , 2015 , 350, 972-973	35.3	267
85	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015 , 6, 588	8.4	239
84	Activating autophagy to potentiate immunogenic chemotherapy and radiation therapy. <i>Nature Reviews Clinical Oncology</i> , 2017 , 14, 247-258	19.4	195
83	The autophagic network and cancer. <i>Nature Cell Biology</i> , 2018 , 20, 243-251	23.4	175
82	Organelle-specific initiation of cell death. <i>Nature Cell Biology</i> , 2014 , 16, 728-36	23.4	170
81	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. <i>Cell Death and Differentiation</i> , 2015 , 22, 509-16	12.7	168
80	Organelle-Specific Initiation of Autophagy. <i>Molecular Cell</i> , 2015 , 59, 522-39	17.6	145
79	Autophagy in acute brain injury. <i>Nature Reviews Neuroscience</i> , 2016 , 17, 467-84	13.5	135

78	Mitochondrial Permeability Transition: New Findings and Persisting Uncertainties. <i>Trends in Cell Biology</i> , 2016 , 26, 655-667	18.3	127
77	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , 2015 , 34, 1025-41	13	126
76	The LRRK2 G2019S mutant exacerbates basal autophagy through activation of the MEK/ERK pathway. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 121-36	10.3	124
75	Calcium signaling and cell cycle: Progression or death. <i>Cell Calcium</i> , 2018 , 70, 3-15	4	99
74	Activation of apoptosis signal-regulating kinase 1 is a key factor in paraquat-induced cell death: modulation by the Nrf2/Trx axis. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1370-81	7.8	96
73	Regulated cell death and adaptive stress responses. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 2405-10	10.3	80
72	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
71	eIF2 γ phosphorylation as a biomarker of immunogenic cell death. <i>Seminars in Cancer Biology</i> , 2015 , 33, 86-92	12.7	73
70	Autophagy in hepatic adaptation to stress. <i>Journal of Hepatology</i> , 2020 , 72, 183-196	13.4	69
69	ER-mitochondria signaling in Parkinson's disease. <i>Cell Death and Disease</i> , 2018 , 9, 337	9.8	67
68	BAX and BAK1 are dispensable for ABT-737-induced dissociation of the BCL2-BECN1 complex and autophagy. <i>Autophagy</i> , 2015 , 11, 452-9	10.2	66
67	Fipronil is a powerful uncoupler of oxidative phosphorylation that triggers apoptosis in human neuronal cell line SHSY5Y. <i>NeuroToxicology</i> , 2011 , 32, 935-43	4.4	64
66	Silencing DJ-1 reveals its contribution in paraquat-induced autophagy. <i>Journal of Neurochemistry</i> , 2009 , 109, 889-98	6	61
65	An autophagy-dependent anticancer immune response determines the efficacy of melanoma chemotherapy. <i>OncImmunology</i> , 2014 , 3, e944047	7.2	56
64	Metabolic effects of fasting on human and mouse blood in vivo. <i>Autophagy</i> , 2017 , 13, 567-578	10.2	51
63	Oxidative phosphorylation as a potential therapeutic target for cancer therapy. <i>International Journal of Cancer</i> , 2020 , 146, 10-17	7.5	51
62	Mitochondria-Associated Membranes (MAMs): Overview and Its Role in Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 6287-6303	6.2	45
61	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. <i>Neurobiology of Disease</i> , 2014 , 62, 426-40	7.5	41

60	Autophagy in natural and therapy-driven anticancer immunosurveillance. <i>Autophagy</i> , 2017 , 13, 2163-2170.	10.2	40
59	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. <i>Cell Metabolism</i> , 2019 , 30, 754-767.e9	24.6	40
58	ASK1 overexpression accelerates paraquat-induced autophagy via endoplasmic reticulum stress. <i>Toxicological Sciences</i> , 2011 , 119, 156-68	4.4	39
57	G2019S LRRK2 mutant fibroblasts from Parkinson's disease patients show increased sensitivity to neurotoxin 1-methyl-4-phenylpyridinium dependent of autophagy. <i>Toxicology</i> , 2014 , 324, 1-9	4.4	38
56	Autophagy Mediates Tumor Suppression via Cellular Senescence. <i>Trends in Cell Biology</i> , 2016 , 26, 1-3	18.3	33
55	mRNA and protein dataset of autophagy markers (LC3 and p62) in several cell lines. <i>Data in Brief</i> , 2016 , 7, 641-7	1.2	31
54	Impaired Mitophagy and Protein Acetylation Levels in Fibroblasts from Parkinson's Disease Patients. <i>Molecular Neurobiology</i> , 2019 , 56, 2466-2481	6.2	30
53	Nitric oxide-mediated toxicity in paraquat-exposed SH-SY5Y cells: a protective role of 7-nitroindazole. <i>Neurotoxicity Research</i> , 2009 , 16, 160-73	4.3	30
52	Genotoxic stress triggers the activation of IRE1-dependent RNA decay to modulate the DNA damage response. <i>Nature Communications</i> , 2020 , 11, 2401	17.4	28
51	Curcumin enhances paraquat-induced apoptosis of N27 mesencephalic cells via the generation of reactive oxygen species. <i>NeuroToxicology</i> , 2009 , 30, 1008-18	4.4	26
50	Lethal Poisoning of Cancer Cells by Respiratory Chain Inhibition plus Dimethyl α -Ketoglutarate. <i>Cell Reports</i> , 2019 , 27, 820-834.e9	10.6	22
49	Curcumin exposure induces expression of the Parkinson's disease-associated leucine-rich repeat kinase 2 (LRRK2) in rat mesencephalic cells. <i>Neuroscience Letters</i> , 2010 , 468, 120-4	3.3	22
48	The MAPK1/3 pathway is essential for the deregulation of autophagy observed in G2019S LRRK2 mutant fibroblasts. <i>Autophagy</i> , 2012 , 8, 1537-9	10.2	21
47	Paraquat exposure induces nuclear translocation of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) and the activation of the nitric oxide-GAPDH-Siah cell death cascade. <i>Toxicological Sciences</i> , 2010 , 116, 614-22	4.4	21
46	Immunostimulatory activity of lifespan-extending agents. <i>Aging</i> , 2013 , 5, 793-801	5.6	20
45	Acyl-CoA-binding protein (ACBP): a phylogenetically conserved appetite stimulator. <i>Cell Death and Disease</i> , 2020 , 11, 7	9.8	20
44	Defective Autophagy Initiates Malignant Transformation. <i>Molecular Cell</i> , 2016 , 62, 473-4	17.6	19
43	High-Throughput Quantification of GFP-LC3 Dots by Automated Fluorescence Microscopy. <i>Methods in Enzymology</i> , 2017 , 587, 71-86	1.7	18

42	Evaluation of autophagy inducers in epithelial cells carrying the E508 mutation of the cystic fibrosis transmembrane conductance regulator CFTR. <i>Cell Death and Disease</i> , 2018 , 9, 191	9.8	17
41	Involvement of autophagy in NK cell development and function. <i>Autophagy</i> , 2017 , 13, 633-636	10.2	16
40	PINK1 deficiency enhances autophagy and mitophagy induction. <i>Molecular and Cellular Oncology</i> , 2016 , 3, e1046579	1.2	16
39	Metabolic interactions between cysteamine and epigallocatechin gallate. <i>Cell Cycle</i> , 2017 , 16, 271-279	4.7	15
38	Routine Western blot to check autophagic flux: cautions and recommendations. <i>Analytical Biochemistry</i> , 2015 , 477, 13-20	3.1	15
37	Novel insights into the mitochondrial permeability transition. <i>Cell Cycle</i> , 2014 , 13, 2666-70	4.7	15
36	Morphometric analysis of immunoselection against hyperploid cancer cells. <i>Oncotarget</i> , 2015 , 6, 41204-153	15.3	13
35	Cell-autonomous, paracrine and neuroendocrine feedback regulation of autophagy by DBI/ACBP (diazepam binding inhibitor, acyl-CoA binding protein): the obesity factor. <i>Autophagy</i> , 2019 , 15, 2036-2038	10.2	12
34	Novel inducers of BECN1-independent autophagy: cis-unsaturated fatty acids. <i>Autophagy</i> , 2015 , 11, 575-70.2	10.2	12
33	Artificial tethering of LC3 or p62 to organelles is not sufficient to trigger autophagy. <i>Cell Death and Disease</i> , 2019 , 10, 771	9.8	12
32	Autophagy in the cancer-immunity dialogue. <i>Advanced Drug Delivery Reviews</i> , 2021 , 169, 40-50	18.5	12
31	Acyl-CoA-binding protein (ACBP): the elusive hunger factor linking autophagy to food intake. <i>Cell Stress</i> , 2019 , 3, 312-318	5.5	11
30	Targeting Autophagy to Counteract Obesity-Associated Oxidative Stress. <i>Antioxidants</i> , 2021 , 10,	7.1	11
29	Acetylome in Human Fibroblasts From Parkinson Disease Patients. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 97	6.1	10
28	Effect of paraquat exposure on nitric oxide-responsive genes in rat mesencephalic cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2010 , 23, 51-9	5	10
27	Novel function of cytoplasmic p53 at the interface between mitochondria and the endoplasmic reticulum. <i>Cell Death and Disease</i> , 2015 , 6, e1698	9.8	9
26	Biosimilar Filgrastim in Autologous Peripheral Blood Hematopoietic Stem Cell Mobilization and Post-Transplant Hematologic Recovery. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2217-29	4.3	9
25	IFDOTMETER: A New Software Application for Automated Immunofluorescence Analysis. <i>Journal of the Association for Laboratory Automation</i> , 2016 , 21, 246-59		7

24	Necrosis: Linking the Inflammasome to Inflammation. <i>Cell Reports</i> , 2015 , 11, 1501-2	10.6	7
23	Assessment of Glycolytic Flux and Mitochondrial Respiration in the Course of Autophagic Responses. <i>Methods in Enzymology</i> , 2017 , 588, 155-170	1.7	6
22	Antibody-mediated neutralization of ACBP/DBI has anorexigenic and lipolytic effects. <i>Adipocyte</i> , 2020 , 9, 116-119	3.2	6
21	Mitophagy: Permitted by Prohibitin. <i>Current Biology</i> , 2017 , 27, R73-R76	6.3	5
20	The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells. <i>NeuroToxicology</i> , 2010 , 31, 701-8	4.4	5
19	Inhibitor of growth protein 4 interacts with Beclin 1 and represses autophagy. <i>Oncotarget</i> , 2017 , 8, 89527-89538	3.3	4
18	The Basics of Autophagy 2016 , 3-20		4
17	The elusive "hunger protein": an appetite-stimulatory factor that is overabundant in human obesity. <i>Molecular and Cellular Oncology</i> , 2019 , 6, e1667193	1.2	4
16	Autophagy, mitochondria and 3-nitropropionic acid joined in the same model. <i>British Journal of Pharmacology</i> , 2013 , 168, 60-2	8.6	4
15	Parkinson's disease: leucine-rich repeat kinase 2 and autophagy, intimate enemies. <i>Parkinsons Disease</i> , 2012 , 2012, 151039	2.6	4
14	DJ-1 as a modulator of autophagy: an hypothesis. <i>Scientific World Journal, The</i> , 2010 , 10, 1574-9	2.2	4
13	Possible involvement of the relationship of LRRK2 and autophagy in Parkinson's disease. <i>Biochemical Society Transactions</i> , 2012 , 40, 1129-33	5.1	4
12	Pompe Disease and Autophagy: Partners in Crime, or Cause and Consequence?. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2275-85	4.3	3
11	Pseudodiabetes-not a contraindication for metabolic interventions. <i>Cell Death and Disease</i> , 2019 , 10, 765	9.8	2
10	Mitochondria: Key Organelle in Parkinson's Disease. <i>Parkinsons Disease</i> , 2016 , 2016, 6230370	2.6	2
9	Neuroprotective properties of queen bee acid by autophagy induction. <i>Cell Biology and Toxicology</i> , 2021 , 1	7.4	2
8	A strategy for poisoning cancer cell metabolism: Inhibition of oxidative phosphorylation coupled to anaplerotic saturation. <i>International Review of Cell and Molecular Biology</i> , 2019 , 347, 27-37	6	1
7	Immunization of mice with the self-peptide ACBP coupled to keyhole limpet hemocyanin.. <i>STAR Protocols</i> , 2022 , 3, 101095	1.4	1

6	Paradoxical implication of BAX/BAK in the persistence of tetraploid cells. <i>Cell Death and Disease</i> , 2021 , 12, 1039	9.8	1
5	Mitophagy 2016 , 91-104		1
4	Clonogenic Assays to Detect Cell Fate in Mitotic Catastrophe. <i>Methods in Molecular Biology</i> , 2021 , 2267, 227-239	1.4	1
3	An obesogenic feedforward loop involving PPAR α acyl-CoA binding protein and GABA receptor.. <i>Cell Death and Disease</i> , 2022 , 13, 356	9.8	0
2	Autophagy assessment in circulating leukocytes. <i>Methods in Cell Biology</i> , 2021 , 164, 39-46	1.8	
1	Quantification of intracellular ACBP/DBI levels. <i>Methods in Cell Biology</i> , 2021 , 165, 111-122	1.8	