

# Jos Manuel Bravo San Pedro

## 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.

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	Immunization of mice with the self-peptide ACBP coupled to keyhole limpet hemocyanin.. <i>STAR Protocols</i> , <b>2022</b> , 3, 101095	1.4	1
94	An obesogenic feedforward loop involving PPAR $\alpha$ acyl-CoA binding protein and GABA receptor.. <i>Cell Death and Disease</i> , <b>2022</b> , 13, 356	9.8	0
93	Paradoxical implication of BAX/BAK in the persistence of tetraploid cells. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 1039	9.8	1
92	Autophagy assessment in circulating leukocytes. <i>Methods in Cell Biology</i> , <b>2021</b> , 164, 39-46	1.8	
91	Autophagy in the cancer-immunity dialogue. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 169, 40-50	18.5	12
90	Targeting Autophagy to Counteract Obesity-Associated Oxidative Stress. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	11
89	Autophagy in major human diseases. <i>EMBO Journal</i> , <b>2021</b> , 40, e108863	13	79
88	Neuroprotective properties of queen bee acid by autophagy induction. <i>Cell Biology and Toxicology</i> , <b>2021</b> , 1	7.4	2
87	Clonogenic Assays to Detect Cell Fate in Mitotic Catastrophe. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2267, 227-239	1.4	1
86	Quantification of intracellular ACBP/DBI levels. <i>Methods in Cell Biology</i> , <b>2021</b> , 165, 111-122	1.8	
85	Genotoxic stress triggers the activation of IRE1 $\alpha$ dependent RNA decay to modulate the DNA damage response. <i>Nature Communications</i> , <b>2020</b> , 11, 2401	17.4	28
84	Antibody-mediated neutralization of ACBP/DBI has anorexigenic and lipolytic effects. <i>Adipocyte</i> , <b>2020</b> , 9, 116-119	3.2	6
83	Acyl-CoA-binding protein (ACBP): a phylogenetically conserved appetite stimulator. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 7	9.8	20
82	Autophagy in hepatic adaptation to stress. <i>Journal of Hepatology</i> , <b>2020</b> , 72, 183-196	13.4	69
81	Oxidative phosphorylation as a potential therapeutic target for cancer therapy. <i>International Journal of Cancer</i> , <b>2020</b> , 146, 10-17	7.5	51
80	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> , <b>2019</b> , 15, 2036-2038	10.2	12
79	A strategy for poisoning cancer cell metabolism: Inhibition of oxidative phosphorylation coupled to anaplerotic saturation. <i>International Review of Cell and Molecular Biology</i> , <b>2019</b> , 347, 27-37	6	1

78	Lethal Poisoning of Cancer Cells by Respiratory Chain Inhibition plus Dimethyl $\beta$ -Ketoglutarate. <i>Cell Reports</i> , <b>2019</b> , 27, 820-834.e9	10.6	22
77	Impaired Mitophagy and Protein Acetylation Levels in Fibroblasts from Parkinson's Disease Patients. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 2466-2481	6.2	30
76	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. <i>Cell Metabolism</i> , <b>2019</b> , 30, 754-767.e9	24.6	40
75	Artificial tethering of LC3 or p62 to organelles is not sufficient to trigger autophagy. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 771	9.8	12
74	Pseudodiabetes-not a contraindication for metabolic interventions. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 765	9.8	2
73	The elusive "hunger protein": an appetite-stimulatory factor that is overabundant in human obesity. <i>Molecular and Cellular Oncology</i> , <b>2019</b> , 6, e1667193	1.2	4
72	Acyl-CoA-binding protein (ACBP): the elusive hunger factor linking autophagy to food intake. <i>Cell Stress</i> , <b>2019</b> , 3, 312-318	5.5	11
71	The autophagic network and cancer. <i>Nature Cell Biology</i> , <b>2018</b> , 20, 243-251	23.4	175
70	ER-mitochondria signaling in Parkinson's disease. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 337	9.8	67
69	Evaluation of autophagy inducers in epithelial cells carrying the $\Delta$ 508 mutation of the cystic fibrosis transmembrane conductance regulator CFTR. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 191	9.8	17
68	Acetylome in Human Fibroblasts From Parkinson's Disease Patients. <i>Frontiers in Cellular Neuroscience</i> , <b>2018</b> , 12, 97	6.1	10
67	Mitochondrial metabolism and cancer. <i>Cell Research</i> , <b>2018</b> , 28, 265-280	24.7	462
66	Calcium signaling and cell cycle: Progression or death. <i>Cell Calcium</i> , <b>2018</b> , 70, 3-15	4	99
65	Involvement of autophagy in NK cell development and function. <i>Autophagy</i> , <b>2017</b> , 13, 633-636	10.2	16
64	Metabolic effects of fasting on human and mouse blood in vivo. <i>Autophagy</i> , <b>2017</b> , 13, 567-578	10.2	51
63	Metabolic interactions between cysteamine and epigallocatechin gallate. <i>Cell Cycle</i> , <b>2017</b> , 16, 271-279	4.7	15
62	Mitophagy: Permitted by Prohibitin. <i>Current Biology</i> , <b>2017</b> , 27, R73-R76	6.3	5
61	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

60	Pharmacological modulation of autophagy: therapeutic potential and persisting obstacles. <i>Nature Reviews Drug Discovery</i> , <b>2017</b> , 16, 487-511	64.1	460
59	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , <b>2017</b> , 36, 1811-1836	13	857
58	Autophagy in natural and therapy-driven anticancer immunosurveillance. <i>Autophagy</i> , <b>2017</b> , 13, 2163-2170.	0.2	40
57	Autophagy and Mitophagy in Cardiovascular Disease. <i>Circulation Research</i> , <b>2017</b> , 120, 1812-1824	15.7	312
56	Inhibitor of growth protein 4 interacts with Beclin 1 and represses autophagy. <i>Oncotarget</i> , <b>2017</b> , 8, 89523-89538	3.3	38
55	Activating autophagy to potentiate immunogenic chemotherapy and radiation therapy. <i>Nature Reviews Clinical Oncology</i> , <b>2017</b> , 14, 247-258	19.4	195
54	Mitochondria-Associated Membranes (MAMs): Overview and Its Role in Parkinson's Disease. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 6287-6303	6.2	45
53	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
52	IFDOTMETER: A New Software Application for Automated Immunofluorescence Analysis. <i>Journal of the Association for Laboratory Automation</i> , <b>2016</b> , 21, 246-59		7
51	The Basics of Autophagy <b>2016</b> , 3-20		4
50	Autophagy in acute brain injury. <i>Nature Reviews Neuroscience</i> , <b>2016</b> , 17, 467-84	13.5	135
49	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
48	PINK1 deficiency enhances autophagy and mitophagy induction. <i>Molecular and Cellular Oncology</i> , <b>2016</b> , 3, e1046579	1.2	16
47	Autophagy Mediates Tumor Suppression via Cellular Senescence. <i>Trends in Cell Biology</i> , <b>2016</b> , 26, 1-3	18.3	33
46	Biosimilar Filgrastim in Autologous Peripheral Blood Hematopoietic Stem Cell Mobilization and Post-Transplant Hematologic Recovery. <i>Current Medicinal Chemistry</i> , <b>2016</b> , 23, 2217-29	4.3	9
45	Pompe Disease and Autophagy: Partners in Crime, or Cause and Consequence?. <i>Current Medicinal Chemistry</i> , <b>2016</b> , 23, 2275-85	4.3	3
44	Mitochondria: Key Organelle in Parkinson's Disease. <i>Parkinson's Disease</i> , <b>2016</b> , 2016, 6230370	2.6	2
43	Mitophagy <b>2016</b> , 91-104		1

42	Defective Autophagy Initiates Malignant Transformation. <i>Molecular Cell</i> , <b>2016</b> , 62, 473-4	17.6	19
41	Regulated cell death and adaptive stress responses. <i>Cellular and Molecular Life Sciences</i> , <b>2016</b> , 73, 2405-10.3	10.3	80
40	mRNA and protein dataset of autophagy markers (LC3 and p62) in several cell lines. <i>Data in Brief</i> , <b>2016</b> , 7, 641-7	1.2	31
39	Mitochondrial Permeability Transition: New Findings and Persisting Uncertainties. <i>Trends in Cell Biology</i> , <b>2016</b> , 26, 655-667	18.3	127
38	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , <b>2015</b> , 34, 856-80	13	801
37	BAX and BAK1 are dispensable for ABT-737-induced dissociation of the BCL2-BECN1 complex and autophagy. <i>Autophagy</i> , <b>2015</b> , 11, 452-9	10.2	66
36	Novel inducers of BECN1-independent autophagy: cis-unsaturated fatty acids. <i>Autophagy</i> , <b>2015</b> , 11, 575-70.2	10.2	12
35	Necrosis: Linking the Inflammasome to Inflammation. <i>Cell Reports</i> , <b>2015</b> , 11, 1501-2	10.6	7
34	Novel function of cytoplasmic p53 at the interface between mitochondria and the endoplasmic reticulum. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1698	9.8	9
33	eIF2 $\gamma$ phosphorylation as a biomarker of immunogenic cell death. <i>Seminars in Cancer Biology</i> , <b>2015</b> , 33, 86-92	12.7	73
32	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , <b>2015</b> , 350, 972-8.3.3	33.3	267
31	Organelle-Specific Initiation of Autophagy. <i>Molecular Cell</i> , <b>2015</b> , 59, 522-39	17.6	145
30	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 509-16	12.7	168
29	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 58-73	12.7	643
28	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 588	8.4	239
27	Routine Western blot to check autophagic flux: cautions and recommendations. <i>Analytical Biochemistry</i> , <b>2015</b> , 477, 13-20	3.1	15
26	Acetyl coenzyme A: a central metabolite and second messenger. <i>Cell Metabolism</i> , <b>2015</b> , 21, 805-21	24.6	621
25	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , <b>2015</b> , 34, 1025-41	13	126

24	Morphometric analysis of immunoselection against hyperploid cancer cells. <i>Oncotarget</i> , <b>2015</b> , 6, 41204-153	15.3	13
23	Organelle-specific initiation of cell death. <i>Nature Cell Biology</i> , <b>2014</b> , 16, 728-36	23.4	170
22	G2019S LRRK2 mutant fibroblasts from Parkinson's disease patients show increased sensitivity to neurotoxin 1-methyl-4-phenylpyridinium dependent of autophagy. <i>Toxicology</i> , <b>2014</b> , 324, 1-9	4.4	38
21	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. <i>Neurobiology of Disease</i> , <b>2014</b> , 62, 426-40	7.5	41
20	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , <b>2014</b> , 5, 12472-508	3.3	301
19	Novel insights into the mitochondrial permeability transition. <i>Cell Cycle</i> , <b>2014</b> , 13, 2666-70	4.7	15
18	An autophagy-dependent anticancer immune response determines the efficacy of melanoma chemotherapy. <i>Onc Immunology</i> , <b>2014</b> , 3, e944047	7.2	56
17	The LRRK2 G2019S mutant exacerbates basal autophagy through activation of the MEK/ERK pathway. <i>Cellular and Molecular Life Sciences</i> , <b>2013</b> , 70, 121-36	10.3	124
16	Autophagy, mitochondria and 3-nitropropionic acid joined in the same model. <i>British Journal of Pharmacology</i> , <b>2013</b> , 168, 60-2	8.6	4
15	Immunostimulatory activity of lifespan-extending agents. <i>Aging</i> , <b>2013</b> , 5, 793-801	5.6	20
14	The MAPK1/3 pathway is essential for the deregulation of autophagy observed in G2019S LRRK2 mutant fibroblasts. <i>Autophagy</i> , <b>2012</b> , 8, 1537-9	10.2	21
13	Parkinson's disease: leucine-rich repeat kinase 2 and autophagy, intimate enemies. <i>Parkinson's Disease</i> , <b>2012</b> , 2012, 151039	2.6	4
12	Possible involvement of the relationship of LRRK2 and autophagy in Parkinson's disease. <i>Biochemical Society Transactions</i> , <b>2012</b> , 40, 1129-33	5.1	4
11	Fipronil is a powerful uncoupler of oxidative phosphorylation that triggers apoptosis in human neuronal cell line SHSY5Y. <i>NeuroToxicology</i> , <b>2011</b> , 32, 935-43	4.4	64
10	ASK1 overexpression accelerates paraquat-induced autophagy via endoplasmic reticulum stress. <i>Toxicological Sciences</i> , <b>2011</b> , 119, 156-68	4.4	39
9	DJ-1 as a modulator of autophagy: an hypothesis. <i>Scientific World Journal, The</i> , <b>2010</b> , 10, 1574-9	2.2	4
8	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> , <b>2010</b> , 116, 614-22	4.4	21
7	Curcumin exposure induces expression of the Parkinson's disease-associated leucine-rich repeat kinase 2 (LRRK2) in rat mesencephalic cells. <i>Neuroscience Letters</i> , <b>2010</b> , 468, 120-4	3.3	22

6	The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells. <i>NeuroToxicology</i> , <b>2010</b> , 31, 701-8	4.4	5
5	Effect of paraquat exposure on nitric oxide-responsive genes in rat mesencephalic cells. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2010</b> , 23, 51-9	5	10
4	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> , <b>2010</b> , 48, 1370-81	7.8	96
3	Nitric oxide-mediated toxicity in paraquat-exposed SH-SY5Y cells: a protective role of 7-nitroindazole. <i>Neurotoxicity Research</i> , <b>2009</b> , 16, 160-73	4.3	30
2	Silencing DJ-1 reveals its contribution in paraquat-induced autophagy. <i>Journal of Neurochemistry</i> , <b>2009</b> , 109, 889-98	6	61
1	Curcumin enhances paraquat-induced apoptosis of N27 mesencephalic cells via the generation of reactive oxygen species. <i>NeuroToxicology</i> , <b>2009</b> , 30, 1008-18	4.4	26