

# JosÃ© Manuel Bravo San Pedro

## List of Publications by Year in descending order

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Version: 2024-02-01

97  
papers

16,737  
citations

71102

41  
h-index

37204

96  
g-index

100  
all docs

100  
docs citations

100  
times ranked

29332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	7.8	1,230
3	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	7.8	1,012
4	Acetyl Coenzyme A: A Central Metabolite and Second Messenger. <i>Cell Metabolism</i> , 2015, 21, 805-821.	16.2	963
5	Mitochondrial metabolism and cancer. <i>Cell Research</i> , 2018, 28, 265-280.	12.0	818
6	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015, 22, 58-73.	11.2	811
7	Pharmacological modulation of autophagy: therapeutic potential and persisting obstacles. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 487-511.	46.4	642
8	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	7.8	615
9	Autophagy and Mitophagy in Cardiovascular Disease. <i>Circulation Research</i> , 2017, 120, 1812-1824.	4.5	559
10	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014, 5, 12472-12508.	1.8	395
11	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , 2015, 350, 972-978.	12.6	367
12	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015, 6, 588.	4.8	317
13	Activating autophagy to potentiate immunogenic chemotherapy and radiation therapy. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 247-258.	27.6	261
14	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. <i>Cell Death and Differentiation</i> , 2015, 22, 509-516.	11.2	237
15	The autophagic network and cancer. <i>Nature Cell Biology</i> , 2018, 20, 243-251.	10.3	233
16	Organelle-specific initiation of cell death. <i>Nature Cell Biology</i> , 2014, 16, 728-736.	10.3	198
17	Organelle-Specific Initiation of Autophagy. <i>Molecular Cell</i> , 2015, 59, 522-539.	9.7	176
18	Autophagy in acute brain injury. <i>Nature Reviews Neuroscience</i> , 2016, 17, 467-484.	10.2	174

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19	Mitochondrial Permeability Transition: New Findings and Persisting Uncertainties. Trends in Cell Biology, 2016, 26, 655-667.	7.9	172
20	Calcium signaling and cell cycle: Progression or death. Cell Calcium, 2018, 70, 3-15.	2.4	152
21	The LRRK2 G2019S mutant exacerbates basal autophagy through activation of the MEK/ERK pathway. Cellular and Molecular Life Sciences, 2013, 70, 121-136.	5.4	148
22	Unsaturated fatty acids induce non-canonical autophagy. EMBO Journal, 2015, 34, 1025-1041.	7.8	147
23	Oxidative phosphorylation as a potential therapeutic target for cancer therapy. International Journal of Cancer, 2020, 146, 10-17.	5.1	125
24	Regulated cell death and adaptive stress responses. Cellular and Molecular Life Sciences, 2016, 73, 2405-2410.	5.4	121
25	Activation of apoptosis signal-regulating kinase 1 is a key factor in paraquat-induced cell death: Modulation by the Nrf2/Trx axis. Free Radical Biology and Medicine, 2010, 48, 1370-1381.	2.9	120
26	Autophagy in hepatic adaptation to stress. Journal of Hepatology, 2020, 72, 183-196.	3.7	120
27	ER-mitochondria signaling in Parkinson's disease. Cell Death and Disease, 2018, 9, 337.	6.3	118
28	eIF2 $\gamma$ phosphorylation as a biomarker of immunogenic cell death. Seminars in Cancer Biology, 2015, 33, 86-92.	9.6	95
29	BAX and BAK1 are dispensable for ABT-737-induced dissociation of the BCL2-BECN1 complex and autophagy. Autophagy, 2015, 11, 452-459.	9.1	79
30	Metabolic effects of fasting on human and mouse blood in vivo. Autophagy, 2017, 13, 567-578.	9.1	75
31	Silencing DJ-1 reveals its contribution in paraquat-induced autophagy. Journal of Neurochemistry, 2009, 109, 889-898.	3.9	71
32	Fipronil is a powerful uncoupler of oxidative phosphorylation that triggers apoptosis in human neuronal cell line SHSY5Y. NeuroToxicology, 2011, 32, 935-943.	3.0	70
33	An autophagy-dependent anticancer immune response determines the efficacy of melanoma chemotherapy. Oncolmmunology, 2014, 3, e944047.	4.6	68
34	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. Cell Metabolism, 2019, 30, 754-767.e9.	16.2	67
35	Genotoxic stress triggers the activation of IRE1 $\gamma$ -dependent RNA decay to modulate the DNA damage response. Nature Communications, 2020, 11, 2401.	12.8	62
36	Mitochondria-Associated Membranes (MAMs): Overview and Its Role in Parkinson's Disease. Molecular Neurobiology, 2017, 54, 6287-6303.	4.0	60

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37	Autophagy in natural and therapy-driven anticancer immunosurveillance. <i>Autophagy</i> , 2017, 13, 2163-2170.	9.1	52
38	Impaired Mitophagy and Protein Acetylation Levels in Fibroblasts from Parkinson's Disease Patients. <i>Molecular Neurobiology</i> , 2019, 56, 2466-2481.	4.0	50
39	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. <i>Neurobiology of Disease</i> , 2014, 62, 426-440.	4.4	49
40	ASK1 Overexpression Accelerates Paraquat-Induced Autophagy via Endoplasmic Reticulum Stress. <i>Toxicological Sciences</i> , 2011, 119, 156-168.	3.1	48
41	Autophagy in the cancer-immunity dialogue. <i>Advanced Drug Delivery Reviews</i> , 2021, 169, 40-50.	13.7	46
42	Ferroptosis in p53-dependent oncosuppression and organismal homeostasis. <i>Cell Death and Differentiation</i> , 2015, 22, 1237-1238.	11.2	41
43	Autophagy Mediates Tumor Suppression via Cellular Senescence. <i>Trends in Cell Biology</i> , 2016, 26, 1-3.	7.9	41
44	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.	4.2	40
45	mRNA and protein dataset of autophagy markers (LC3 and p62) in several cell lines. <i>Data in Brief</i> , 2016, 7, 641-647.	1.0	39
46	Lethal Poisoning of Cancer Cells by Respiratory Chain Inhibition plus Dimethyl $\alpha$ -Ketoglutarate. <i>Cell Reports</i> , 2019, 27, 820-834.e9.	6.4	36
47	Acyl-CoA-binding protein (ACBP): a phylogenetically conserved appetite stimulator. <i>Cell Death and Disease</i> , 2020, 11, 7.	6.3	34
48	Targeting Autophagy to Counteract Obesity-Associated Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 102.	5.1	32
49	Nitric Oxide-Mediated Toxicity in Paraquat-Exposed SH-SY5Y Cells: A Protective Role of 7-Nitroindazole. <i>Neurotoxicity Research</i> , 2009, 16, 160-173.	2.7	30
50	Curcumin enhances paraquat-induced apoptosis of N27 mesencephalic cells via the generation of reactive oxygen species. <i>NeuroToxicology</i> , 2009, 30, 1008-1018.	3.0	30
51	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, 614-622.	3.1	28
52	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, 120-124.	2.1	27
53	Immunostimulatory activity of lifespan-extending agents. <i>Aging</i> , 2013, 5, 793-801.	3.1	27
54	Involvement of autophagy in NK cell development and function. <i>Autophagy</i> , 2017, 13, 633-636.	9.1	27

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55	Routine Western blot to check autophagic flux: Cautions and recommendations. <i>Analytical Biochemistry</i> , 2015, 477, 13-20.	2.4	25
56	The MAPK1/3 pathway is essential for the deregulation of autophagy observed in G2019S LRRK2 mutant fibroblasts. <i>Autophagy</i> , 2012, 8, 1537-1539.	9.1	23
57	Defective Autophagy Initiates Malignant Transformation. <i>Molecular Cell</i> , 2016, 62, 473-474.	9.7	21
58	High-Throughput Quantification of GFP-LC3+ Dots by Automated Fluorescence Microscopy. <i>Methods in Enzymology</i> , 2017, 587, 71-86.	1.0	20
59	Novel insights into the mitochondrial permeability transition. <i>Cell Cycle</i> , 2014, 13, 2666-2670.	2.6	19
60	Evaluation of autophagy inducers in epithelial cells carrying the $\Delta$ F508 mutation of the cystic fibrosis transmembrane conductance regulator CFTR. <i>Cell Death and Disease</i> , 2018, 9, 191.	6.3	19
61	Acyl-CoA-binding protein (ACBP): the elusive "hunger factor" linking autophagy to food intake. <i>Cell Stress</i> , 2019, 3, 312-318.	3.2	19
62	PINK1 deficiency enhances autophagy and mitophagy induction. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1046579.	0.7	18
63	Metabolic interactions between cysteamine and epigallocatechin gallate. <i>Cell Cycle</i> , 2017, 16, 271-279.	2.6	17
64	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.	9.1	16
65	Acetylome in Human Fibroblasts From Parkinson's Disease Patients. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 97.	3.7	15
66	Artificial tethering of LC3 or p62 to organelles is not sufficient to trigger autophagy. <i>Cell Death and Disease</i> , 2019, 10, 771.	6.3	15
67	Effect of paraquat exposure on nitric oxide-responsive genes in rat mesencephalic cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 23, 51-59.	2.7	13
68	Novel inducers of BECN1-independent autophagy: <i>cis</i> -unsaturated fatty acids. <i>Autophagy</i> , 2015, 11, 575-577.	9.1	13
69	Morphometric analysis of immunoselection against hyperploid cancer cells. <i>Oncotarget</i> , 2015, 6, 41204-41215.	1.8	13
70	Biosimilar Filgrastim in Autologous Peripheral Blood Hematopoietic Stem Cell Mobilization and Post-Transplant Hematologic Recovery. <i>Current Medicinal Chemistry</i> , 2016, 23, 2217-2229.	2.4	12
71	Novel function of cytoplasmic p53 at the interface between mitochondria and the endoplasmic reticulum. <i>Cell Death and Disease</i> , 2015, 6, e1698-e1698.	6.3	11
72	The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells. <i>NeuroToxicology</i> , 2010, 31, 701-708.	3.0	8

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73	Necrosis: Linking the Inflammasome to Inflammation. <i>Cell Reports</i> , 2015, 11, 1501-1502.	6.4	7
74	IFDOTMETER: A New Software Application for Automated Immunofluorescence Analysis. <i>Journal of the Association for Laboratory Automation</i> , 2016, 21, 246-259.	2.8	7
75	Mitophagy: Permitted by Prohibitin. <i>Current Biology</i> , 2017, 27, R73-R76.	3.9	7
76	Antibody-mediated neutralization of ACBP/DBI has anorexigenic and lipolytic effects. <i>Adipocyte</i> , 2020, 9, 116-119.	2.8	7
77	Neuroprotective properties of queen bee acid by autophagy induction. <i>Cell Biology and Toxicology</i> , 2023, 39, 751-770.	5.3	7
78	Paradoxical implication of BAX/BAK in the persistence of tetraploid cells. <i>Cell Death and Disease</i> , 2021, 12, 1039.	6.3	7
79	Parkinson's Disease: Leucine-Rich Repeat Kinase 2 and Autophagy, Intimate Enemies. <i>Parkinson's Disease</i> , 2012, 2012, 1-9.	1.1	6
80	The Basics of Autophagy. , 2016, , 3-20.		6
81	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
82	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.	3.2	6
83	Pompe Disease and Autophagy: Partners in Crime, or Cause and Consequence?. <i>Current Medicinal Chemistry</i> , 2016, 23, 2275-2285.	2.4	6
84	Autophagy, mitochondria and 3-aminopropionic acid joined in the same model. <i>British Journal of Pharmacology</i> , 2013, 168, 60-62.	5.4	5
85	The elusive "hunger protein", an appetite-stimulatory factor that is overabundant in human obesity. <i>Molecular and Cellular Oncology</i> , 2019, 6, e1667193.	0.7	5
86	An obesogenic feedforward loop involving PPAR $\delta$ , acyl-CoA binding protein and GABA $A$ receptor. <i>Cell Death and Disease</i> , 2022, 13, 356.	6.3	5
87	DJ-1 as a Modulator of Autophagy: An Hypothesis. <i>Scientific World Journal</i> , The, 2010, 10, 1574-1579.	2.1	4
88	Possible involvement of the relationship of LRRK2 and autophagy in Parkinson's disease. <i>Biochemical Society Transactions</i> , 2012, 40, 1129-1133.	3.4	4
89	Inhibitor of growth protein 4 interacts with Beclin 1 and represses autophagy. <i>Oncotarget</i> , 2017, 8, 89527-89538.	1.8	4
90	Mitochondria: Key Organelle in Parkinson's Disease. <i>Parkinson's Disease</i> , 2016, 2016, 1-2.	1.1	3

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91	Clonogenic Assays to Detect Cell Fate in Mitotic Catastrophe. <i>Methods in Molecular Biology</i> , 2021, 2267, 227-239.	0.9	3
92	Immunization of mice with the self-peptide ACBP coupled to keyhole limpet hemocyanin. <i>STAR Protocols</i> , 2022, 3, 101095.	1.2	3
93	Autophagy Alteration in ApoA-I Related Systemic Amyloidosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3498.	4.1	3
94	Pseudodiabetes “not a contraindication for metabolic interventions. <i>Cell Death and Disease</i> , 2019, 10, 765.	6.3	2
95	Quantification of intracellular ACBP/DBI levels. <i>Methods in Cell Biology</i> , 2021, 165, 111-122.	1.1	2
96	Mitophagy. , 2016, , 91-104.		1
97	Autophagy assessment in circulating leukocytes. <i>Methods in Cell Biology</i> , 2020, 164, 39-46.	1.1	0