

Cristina Munoz-Pinedo

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.

52
papers

10,653
citations

30
h-index

63
g-index

63
ext. papers

12,824
ext. citations

10
avg, IF

5.7
L-index

#	Paper	IF	Citations
52	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
51	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
50	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
49	Cell death induced by endoplasmic reticulum stress. <i>FEBS Journal</i> , 2016 , 283, 2640-52	5.7	497
48	Disruption of mitochondrial function during apoptosis is mediated by caspase cleavage of the p75 subunit of complex I of the electron transport chain. <i>Cell</i> , 2004 , 117, 773-86	56.2	486
47	Endoplasmic reticulum stress signalling - from basic mechanisms to clinical applications. <i>FEBS Journal</i> , 2019 , 286, 241-278	5.7	309
46	Cancer metabolism: current perspectives and future directions. <i>Cell Death and Disease</i> , 2012 , 3, e248	9.8	282
45	Correlated three-dimensional light and electron microscopy reveals transformation of mitochondria during apoptosis. <i>Nature Cell Biology</i> , 2007 , 9, 1057-65	23.4	192
44	Cytochrome c is released in a single step during apoptosis. <i>Cell Death and Differentiation</i> , 2005 , 12, 453-62	62.7	184
43	Different mitochondrial intermembrane space proteins are released during apoptosis in a manner that is coordinately initiated but can vary in duration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 11573-8	11.5	183
42	Bid acts on the permeability transition pore complex to induce apoptosis. <i>Oncogene</i> , 2000 , 19, 6342-50	9.2	174
41	Sugar-free approaches to cancer cell killing. <i>Oncogene</i> , 2011 , 30, 253-64	9.2	146
40	Resistance to caspase-independent cell death requires persistence of intact mitochondria. <i>Developmental Cell</i> , 2010 , 18, 802-13	10.2	137
39	Glycolysis inhibition sensitizes tumor cells to death receptors-induced apoptosis by AMP kinase activation leading to Mcl-1 block in translation. <i>Oncogene</i> , 2010 , 29, 1641-52	9.2	110
38	Interferon-gamma treatment elevates caspase-8 expression and sensitizes human breast tumor cells to a death receptor-induced mitochondria-operated apoptotic program. <i>Cancer Research</i> , 2000 , 60, 5673-80	10.1	96
37	Stalling the engine of resistance: targeting cancer metabolism to overcome therapeutic resistance. <i>Cancer Research</i> , 2013 , 73, 2709-17	10.1	95
36	Inhibition of glucose metabolism sensitizes tumor cells to death receptor-triggered apoptosis through enhancement of death-inducing signaling complex formation and apical procaspase-8 processing. <i>Journal of Biological Chemistry</i> , 2003 , 278, 12759-68	5.4	83

35	Disruption of the M80-Fe ligation stimulates the translocation of cytochrome c to the cytoplasm and nucleus in nonapoptotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2653-8	11.5	81
34	Signaling pathways that regulate life and cell death: evolution of apoptosis in the context of self-defense. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 738, 124-43	3.6	71
33	2-deoxyglucose induces Noxa-dependent apoptosis in alveolar rhabdomyosarcoma. <i>Cancer Research</i> , 2011 , 71, 6796-806	10.1	71
32	Regulation of cancer metabolism by oncogenes and tumor suppressors. <i>Methods in Enzymology</i> , 2014 , 542, 59-80	1.7	67
31	Glucose Deprivation Induces ATF4-Mediated Apoptosis through TRAIL Death Receptors. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	64
30	Oxidative stress modulates mitochondrial failure and cyclophilin D function in X-linked adrenoleukodystrophy. <i>Brain</i> , 2012 , 135, 3584-98	11.2	62
29	Measuring apoptosis at the single cell level. <i>Methods</i> , 2008 , 44, 222-8	4.6	55
28	Glucose deprivation induces an atypical form of apoptosis mediated by caspase-8 in Bax-, Bak-deficient cells. <i>Cell Death and Differentiation</i> , 2010 , 17, 1335-44	12.7	53
27	Interferon-gamma sensitizes human myeloid leukemia cells to death receptor-mediated apoptosis by a pleiotropic mechanism. <i>Journal of Biological Chemistry</i> , 2001 , 276, 17779-87	5.4	48
26	Glucose-starved cells do not engage in prosurvival autophagy. <i>Journal of Biological Chemistry</i> , 2013 , 288, 30387-30398	5.4	47
25	The differential sensitivity of Bcl-2-overexpressing human breast tumor cells to TRAIL or doxorubicin-induced apoptosis is dependent on Bcl-2 protein levels. <i>Oncogene</i> , 2001 , 20, 7128-33	9.2	46
24	The anti-cancer drug ABTL0812 induces ER stress-mediated cytotoxic autophagy by increasing dihydroceramide levels in cancer cells. <i>Autophagy</i> , 2021 , 17, 1349-1366	10.2	30
23	Starvation and antimetabolic therapy promote cytokine release and recruitment of immune cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 9932-9941	11.5	29
22	Confocal restricted-height imaging of suspension cells (CRISC) in a PDMS microdevice during apoptosis. <i>Lab on A Chip</i> , 2005 , 5, 628-33	7.2	28
21	"(Not) all (dead) things share the same breath": identification of cell death mechanisms in anticancer therapy. <i>Cancer Research</i> , 2015 , 75, 913-7	10.1	24
20	ATF4 mediates necrosis induced by glucose deprivation and apoptosis induced by 2-deoxyglucose in the same cells. <i>FEBS Journal</i> , 2015 , 282, 3647-58	5.7	23
19	A role for caspase-8 and TRAIL-R2/DR5 in ER-stress-induced apoptosis. <i>Cell Death and Differentiation</i> , 2018 , 25, 226	12.7	19
18	Apolipoprotein L2 contains a BH3-like domain but it does not behave as a BH3-only protein. <i>Cell Death and Disease</i> , 2014 , 5, e1275	9.8	16

17	Combining 2-deoxy-D-glucose with fenofibrate leads to tumor cell death mediated by simultaneous induction of energy and ER stress. <i>Oncotarget</i> , 2016 , 7, 36461-36473	3.3	14
16	Transmissible cytotoxicity of multiple myeloma cells by cord blood-derived NK cells is mediated by vesicle trafficking. <i>Cell Death and Differentiation</i> , 2015 , 22, 96-107	12.7	13
15	Tumors defective in homologous recombination rely on oxidative metabolism: relevance to treatments with PARP inhibitors. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11217	12	13
14	Exploiting metabolic vulnerabilities of Non small cell lung carcinoma. <i>Seminars in Cell and Developmental Biology</i> , 2020 , 98, 54-62	7.5	13
13	Analysis of BH3-only proteins upregulated in response to oxygen/glucose deprivation in cortical neurons identifies Bmf but not Noxa as potential mediator of neuronal injury. <i>Cell Death and Disease</i> , 2014 , 5, e1456	9.8	11
12	Apoptosis of haematopoietic cells upon thymidylate synthase inhibition is independent of p53 accumulation and CD95/CD95 ligand interaction. <i>Biochemical Journal</i> , 2001 , 353, 101-108	3.8	10
11	The importance of being dead: cell death mechanisms assessment in anti-sarcoma therapy. <i>Frontiers in Oncology</i> , 2015 , 5, 82	5.3	7
10	Extracellular NK histones promote immune cell anti-tumor activity by inducing cell clusters through binding to CD138 receptor 2019 , 7, 259		6
9	Thymidylate synthase inhibition triggers glucose-dependent apoptosis in p53-negative leukemic cells. <i>FEBS Letters</i> , 2004 , 570, 205-10	3.8	6
8	Chemokine C-C motif ligand 2 overexpression drives tissue-specific metabolic responses in the liver and muscle of mice. <i>Scientific Reports</i> , 2020 , 10, 11954	4.9	6
7	Hematopoietic versus Solid Cancers and T Cell Dysfunction: Looking for Similarities and Distinctions. <i>Cancers</i> , 2021 , 13,	6.6	5
6	In the Hunger Games, the Winner Takes Everything. <i>Trends in Biochemical Sciences</i> , 2017 , 42, 763-764	10.3	2
5	Spanish scientists working abroad. <i>Science</i> , 2003 , 300, 51	33.3	2
4	MA23.02 CDK4/6 Inhibitors Show Antitumor Effects in Preclinical Models of Malignant Pleural Mesothelioma. <i>Journal of Thoracic Oncology</i> , 2019 , 14, S343	8.9	2
3	Efficacy of CDK4/6 inhibitors in preclinical models of malignant pleural mesothelioma. <i>British Journal of Cancer</i> , 2021 , 125, 1365-1376	8.7	2
2	Measuring the Activation of Cell Death Pathways upon Inhibition of Metabolism. <i>Methods in Molecular Biology</i> , 2019 , 1862, 163-172	1.4	1
1	Gene Expression Profiling as a Potential Tool for Precision Oncology in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021 , 13,	6.6	1