Cristina Munoz-Pinedo

List of Publications by Year
in descending order

58	14,780	136885	133188
papers	citations	32 h-index	59 g-index

63	63	63	28300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
3	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
4	Cell death induced by endoplasmic reticulum stress. FEBS Journal, 2016, 283, 2640-2652.	2.2	764
5	Endoplasmic reticulum stress signalling â€“ from basic mechanisms to clinical applications. FEBS Journal, 2019, 286, 241-278.	2.2	568
6	Disruption of Mitochondrial Function during Apoptosis Is Mediated by Caspase Cleavage of the p75 Subunit of Complex I of the Electron Transport Chain. Cell, 2004, 117, 773-786.	13.5	543
7	Cancer metabolism: current perspectives and future directions. Cell Death and Disease, 2012, 3, e248-e248.	2.7	327
8	Correlated three-dimensional light and electron microscopy reveals transformation of mitochondria during apoptosis. Nature Cell Biology, 2007, 9, 1057-1065.	4.6	233
9	Different mitochondrial intermembrane space proteins are released during apoptosis in a manner that is coordinately initiated but can vary in duration. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11573-11578.	3.3	207
10	Cytochrome c is released in a single step during apoptosis. Cell Death and Differentiation, 2005, 12, 453-462.	5.0	202
11	Bid acts on the permeability transition pore complex to induce apoptosis. Oncogene, 2000, 19, 6342-6350.	2.6	182
12	Sugar-free approaches to cancer cell killing. Oncogene, 2011, 30, 253-264.	2.6	170
13	Resistance to Caspase-Independent Cell Death Requires Persistence of Intact Mitochondria. Developmental Cell, 2010, 18, 802-813.	3.1	165
14	Glycolysis inhibition sensitizes tumor cells to death receptors-induced apoptosis by AMP kinase activation leading to Mcl-1 block in translation. Oncogene, 2010, 29, 1641-1652.	2.6	120
15	Stalling the Engine of Resistance: Targeting Cancer Metabolism to Overcome Therapeutic Resistance. Cancer Research, 2013, 73, 2709-2717.	0.4	115
16	Interferon-gamma treatment elevates caspase-8 expression and sensitizes human breast tumor cells to a death receptor-induced mitochondria-operated apoptotic program. Cancer Research, 2000, 60, 5673-80.	0.4	110
17	Glucose Deprivation Induces ATF4-Mediated Apoptosis through TRAIL Death Receptors. Molecular and Cellular Biology, 2017, 37, .	1.1	103
18	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. Journal of Biological Chemistry, 2003, 278, 12759-12768.	1.6	97

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19	Disruption of the M80-Fe ligation stimulates the translocation of cytochrome c to the cytoplasm and nucleus in nonapoptotic cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2653-2658.	3.3	93
20	Regulation of Cancer Metabolism by Oncogenes and Tumor Suppressors. Methods in Enzymology, 2014, 542, 59-80.	0.4	89
21	2-Deoxyglucose Induces Noxa-Dependent Apoptosis in Alveolar Rhabdomyosarcoma. Cancer Research, 2011, 71, 6796-6806.	0.4	87
22	Signaling Pathways that Regulate Life and Cell Death: Evolution of Apoptosis in the Context of Self-Defense. Advances in Experimental Medicine and Biology, 2012, 738, 124-143.	0.8	85
23	Oxidative stress modulates mitochondrial failure and cyclophilin D function in X-linked adrenoleukodystrophy. Brain, 2012, 135, 3584-3598.	3.7	78
24	The anti-cancer drug ABTL0812 induces ER stress-mediated cytotoxic autophagy by increasing dihydroceramide levels in cancer cells. Autophagy, 2021, 17, 1349-1366.	4.3	72
25	Glucose deprivation induces an atypical form of apoptosis mediated by caspase-8 in Bax-, Bak-deficient cells. Cell Death and Differentiation, 2010, 17, 1335-1344.	5.0	66
26	Measuring apoptosis at the single cell level. Methods, 2008, 44, 222-228.	1.9	64
27	Starvation and antimetabolic therapy promote cytokine release and recruitment of immune cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9932-9941.	3.3	64
28	Glucose-starved Cells Do Not Engage in Prosurvival Autophagy. Journal of Biological Chemistry, 2013, 288, 30387-30398.	1.6	57
29	Interferon-Î³ Sensitizes Human Myeloid Leukemia Cells to Death Receptor-mediated Apoptosis by a Pleiotropic Mechanism. Journal of Biological Chemistry, 2001, 276, 17779-17787.	1.6	53
30	The differential sensitivity of Bc1-2-overexpressing human breast tumor cells to TRAIL or doxorubicin-induced apoptosis is dependent on Bc1-2 protein levels. Oncogene, 2001, 20, 7128-7133.	2.6	48
31	Tumors defective in homologous recombination rely on oxidative metabolism: relevance to treatments with <scp>PARP</scp> inhibitors. EMBO Molecular Medicine, 2020, 12, e11217.	3.3	37
32	Exploiting metabolic vulnerabilities of Non small cell lung carcinoma. Seminars in Cell and Developmental Biology, 2020, 98, 54-62.	2.3	36
33	Autosis: a new addition to the cell death tower of babel. Cell Death and Disease, 2014, 5, e1319-e1319.	2.7	35
34	Confocal restricted-height imaging of suspension cells (CRISC) in a PDMS microdevice during apoptosis. Lab on A Chip, 2005, 5, 628.	3.1	34
35	DeathBase: a database on structure, evolution and function of proteins involved in apoptosis and other forms of cell death. Cell Death and Differentiation, 2010, 17, 735-736.	5.0	34
36	<scp>ATF</scp>4 mediates necrosis induced by glucose deprivation and apoptosis induced by 2â€deoxyglucose in the same cells. FEBS Journal, 2015, 282, 3647-3658.	2.2	31

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37	A role for caspase-8 and TRAIL-R2/DR5 in ER-stress-induced apoptosis. Cell Death and Differentiation, 2018, 25, 226-226.	5.0	28
38	â€œ(Not) All (Dead) Things Share the Same Breathâ€: Identification of Cell Death Mechanisms in Anticancer Therapy. Cancer Research, 2015, 75, 913-917.	0.4	27
39	Apolipoprotein L2 contains a BH3-like domain but it does not behave as a BH3-only protein. Cell Death and Disease, 2014, 5, e1275-e1275.	2.7	23
40	Combining 2-deoxy-D-glucose with fenofibrate leads to tumor cell death mediated by simultaneous induction of energy and ER stress. Oncotarget, 2016, 7, 36461-36473.	0.8	19
41	Transmissible cytotoxicity of multiple myeloma cells by cord blood-derived NK cells is mediated by vesicle trafficking. Cell Death and Differentiation, 2015, 22, 96-107.	5.0	17
42	Mutations in the Antioxidant KEAP1/NRF2 Pathway Define an Aggressive Subset of NSCLC Resistant to Conventional Treatments. Journal of Thoracic Oncology, 2019, 14, 1881-1883.	0.5	17
43	Hematopoietic versus Solid Cancers and T Cell Dysfunction: Looking for Similarities and Distinctions. Cancers, 2021, 13, 284.	1.7	15
44	Chemokine Câ€“C motif ligand 2 overexpression drives tissue-specific metabolic responses in the liver and muscle of mice. Scientific Reports, 2020, 10, 11954.	1.6	13
45	Gene Expression Profiling as a Potential Tool for Precision Oncology in Non-Small Cell Lung Cancer. Cancers, 2021, 13, 4734.	1.7	13
46	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. Cell Death and Disease, 2014, 5, e1456-e1456.	2.7	12
47	Apoptosis of haematopoietic cells upon thymidylate synthase inhibition is independent of p53 accumulation and CD95â€“CD95 ligand interaction. Biochemical Journal, 2001, 353, 101-108.	1.7	10
48	Extracellular NK histones promote immune cell anti-tumor activity by inducing cell clusters through binding to CD138 receptor. , 2019, 7, 259.		10
49	The Importance of Being Dead: Cell Death Mechanisms Assessment in Anti-Sarcoma Therapy. Frontiers in Oncology, 2015, 5, 82.	1.3	9
50	Efficacy of CDK4/6 inhibitors in preclinical models of malignant pleural mesothelioma. British Journal of Cancer, 2021, 125, 1365-1376.	2.9	8
51	Thymidylate synthase inhibition triggers glucose-dependent apoptosis in p53-negative leukemic cells. FEBS Letters, 2004, 570, 205-210.	1.3	7
52	Spanish Scientists Working Abroad. Science, 2003, 300, 51b-51.	6.0	3
53	MA23.02 CDK4/6 Inhibitors Show Antitumor Effects in Preclinical Models of Malignant Pleural Mesothelioma. Journal of Thoracic Oncology, 2019, 14, S343.	0.5	3
54	Measuring the Activation of Cell Death Pathways upon Inhibition of Metabolism. Methods in Molecular Biology, 2019, 1862, 163-172.	0.4	3

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55	In the Hunger Games, the Winner Takes Everything. Trends in Biochemical Sciences, 2017, 42, 763-764.	3.7	2
56	Cell death induced by inhibition of glucose metabolism: role of Bcl-2 proteins and autophagy. Experimental and Clinical Endocrinology and Diabetes, 2012, 120, .	0.6	1
57	Chinese reviewers: sign up for unique IDs, please. Nature, 2019, 565, 161-161.	13.7	0
58	Abstract 1234: The anticancer drug ABTL0812 induces cancer cell death by impairing Akt/mTORC1 axis and inducing ER stress-mediated cytotoxic autophagy. , 2020, , .		0