

Abelardo Lopez-Rivas

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77
papers

2,807
citations

30
h-index

52
g-index

78
ext. papers

2,994
ext. citations

6.9
avg, IF

4.72
L-index

#	Paper	IF	Citations
77	TAK1 activates AMPK-dependent cytoprotective autophagy in TRAIL-treated epithelial cells. <i>EMBO Journal</i> , 2009 , 28, 677-85	13	317
76	ROS-induced DNA damage and PARP-1 are required for optimal induction of starvation-induced autophagy. <i>Cell Research</i> , 2012 , 22, 1181-98	24.7	171
75	Growth factors as survival factors: regulation of apoptosis. <i>BioEssays</i> , 1994 , 16, 133-8	4.1	134
74	Prostaglandin E2 and the increase of intracellular cAMP inhibit the expression of interleukin 2 receptors in human T cells. <i>European Journal of Immunology</i> , 1988 , 18, 1791-6	6.1	127
73	Doxorubicin induces apoptosis and CD95 gene expression in human primary endothelial cells through a p53-dependent mechanism. <i>Journal of Biological Chemistry</i> , 2002 , 277, 10883-92	5.4	125
72	The control of apoptosis in mammalian cells. <i>Trends in Biochemical Sciences</i> , 1993 , 18, 307-9	10.3	114
71	Flavopiridol induces cellular FLICE-inhibitory protein degradation by the proteasome and promotes TRAIL-induced early signaling and apoptosis in breast tumor cells. <i>Cancer Research</i> , 2006 , 66, 8858-69	10.1	86
70	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
69	Phorbol esters inhibit apoptosis in IL-2-dependent T lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 164, 1069-75	3.4	80
68	The up-regulation of human caspase-8 by interferon-gamma in breast tumor cells requires the induction and action of the transcription factor interferon regulatory factor-1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 19712-20	5.4	76
67	Reactive oxygen intermediate(s) (ROI): common mediator(s) of poly(ADP-ribose)polymerase (PARP) cleavage and apoptosis. <i>FEBS Letters</i> , 1996 , 392, 299-303	3.8	71
66	Mitochondria-dependent and -independent mechanisms in tumour necrosis factor-related apoptosis-inducing ligand (TRAIL)-induced apoptosis are both regulated by interferon-gamma in human breast tumour cells. <i>Biochemical Journal</i> , 2002 , 365, 825-32	3.8	56
65	Serum rapidly mobilizes calcium from an intracellular pool in quiescent fibroblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 1983 , 114, 240-7	3.4	55
64	p53-mediated up-regulation of CD95 is not involved in genotoxic drug-induced apoptosis of human breast tumor cells. <i>Cell Death and Differentiation</i> , 1999 , 6, 271-80	12.7	54
63	ER stress sensitizes cells to TRAIL through down-regulation of FLIP and Mcl-1 and PERK-dependent up-regulation of TRAIL-R2. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012 , 17, 349-63 ⁴	5.4	53
62	Apoptosis in human thymocytes after treatment with glucocorticoids. <i>Clinical and Experimental Immunology</i> , 1992 , 88, 341-4	6.2	51
61	Cytochrome c speeds up caspase cascade activation by blocking 14-3-3-dependent Apaf-1 inhibition. <i>Cell Death and Disease</i> , 2018 , 9, 365	9.8	49

60	Activation of protein kinase C inhibits TRAIL-induced caspases activation, mitochondrial events and apoptosis in a human leukemic T cell line. <i>Cell Death and Differentiation</i> , 2001 , 8, 172-81	12.7	48
59	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
58	Activation of protein kinase C attenuates early signals in Fas-mediated apoptosis. <i>European Journal of Immunology</i> , 1997 , 27, 1442-50	6.1	46
57	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
56	Inhibition of proliferation and induction of apoptosis in human breast cancer cells by lauryl gallate. <i>Carcinogenesis</i> , 2006 , 27, 1699-712	4.6	45
55	Mitotic arrest and JNK-induced proteasomal degradation of FLIP and Mcl-1 are key events in the sensitization of breast tumor cells to TRAIL by antimicrotubule agents. <i>Cell Death and Differentiation</i> , 2010 , 17, 883-94	12.7	43
54	Expression and function of AIM, an activation inducer molecule of human lymphocytes, is dependent on the activation of protein kinase C. <i>European Journal of Immunology</i> , 1989 , 19, 809-15	6.1	43
53	Activated ERBB2/HER2 licenses sensitivity to apoptosis upon endoplasmic reticulum stress through a PERK-dependent pathway. <i>Cancer Research</i> , 2014 , 74, 1766-77	10.1	41
52	Phorbol esters and diacylglycerol inhibit vasopressin-induced increases in cytoplasmic-free Ca ²⁺ and 45Ca ²⁺ efflux in Swiss 3T3 cells. <i>Experimental Cell Research</i> , 1986 , 164, 536-45	4.2	39
51	dNTP pools imbalance as a signal to initiate apoptosis. <i>Experientia</i> , 1996 , 52, 995-1000		37
50	Structural basis for inhibition of the histone chaperone activity of SET/TAF-II γ by cytochrome c. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9908-13	11.5	35
49	The therapeutic potential of TRAIL receptor signalling in cancer cells. <i>Clinical and Translational Oncology</i> , 2011 , 13, 839-47	3.6	35
48	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) decoy receptor TRAIL-R3 is up-regulated by p53 in breast tumor cells through a mechanism involving an intronic p53-binding site. <i>Journal of Biological Chemistry</i> , 2004 , 279, 4093-101	5.4	35
47	Roscovitine sensitizes breast cancer cells to TRAIL-induced apoptosis through a pleiotropic mechanism. <i>Cell Research</i> , 2008 , 18, 664-76	24.7	30
46	Autophagy requires poly(adp-ribosyl)ation-dependent AMPK nuclear export. <i>Cell Death and Differentiation</i> , 2016 , 23, 2007-2018	12.7	30
45	Stimulation of the mitogen-activated protein kinase pathway antagonizes TRAIL-induced apoptosis downstream of BID cleavage in human breast cancer MCF-7 cells. <i>Oncogene</i> , 2002 , 21, 4323-7	9.2	29
44	Statins activate a mitochondria-operated pathway of apoptosis in breast tumor cells by a mechanism regulated by ErbB2 and dependent on the prenylation of proteins. <i>FEBS Letters</i> , 2008 , 582, 2589-94	3.8	26
43	Bcl-2 oncogene protects a bone marrow-derived pre-B-cell line from 5Sfluor,2Sdeoxyuridine-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 194, 126-32	3.4	23

42	Deciphering the insights of poly(ADP-ribosylation) in tumor progression. <i>Medicinal Research Reviews</i> , 2015 , 35, 678-97	14.4	22
41	AMPK-independent down-regulation of cFLIP and sensitization to TRAIL-induced apoptosis by AMPK activators. <i>Biochemical Pharmacology</i> , 2010 , 79, 853-63	6	22
40	Overexpression of a heterologous thymidine kinase delays apoptosis induced by factor deprivation and inhibitors of deoxynucleotide metabolism. <i>Journal of Biological Chemistry</i> , 1997 , 272, 10624-30	5.4	22
39	Autophagy inhibition sensitizes multiple myeloma cells to 17-dimethylaminoethylamino-17-demethoxygeldanamycin-induced apoptosis. <i>Leukemia Research</i> , 2010 , 34, 1533-8	2.7	20
38	Characterization of p53-mediated up-regulation of CD95 gene expression upon genotoxic treatment in human breast tumor cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 31667-75	5.4	20
37	Inhibition of interleukin 2-induced proliferation of cloned murine T cells by glucocorticoids. Possible involvement of an inhibitory protein. <i>European Journal of Immunology</i> , 1988 , 18, 1555-9	6.1	20
36	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
35	Regulation of the salvage pathway of deoxynucleotides synthesis in apoptosis induced by growth factor deprivation. <i>Biochemical Journal</i> , 1996 , 316 (Pt 2), 421-5	3.8	18
34	Interleukin-3 and Bcl-2 cooperatively inhibit etoposide-induced apoptosis in a murine pre-B cell line. <i>European Journal of Immunology</i> , 1994 , 24, 537-41	6.1	18
33	Itch/AIP4-independent proteasomal degradation of cFLIP induced by the histone deacetylase inhibitor SAHA sensitizes breast tumour cells to TRAIL. <i>Investigational New Drugs</i> , 2012 , 30, 541-7	4.3	17
32	The mitogen-activated protein kinase pathway can inhibit TRAIL-induced apoptosis by prohibiting association of truncated Bid with mitochondria. <i>Cell Death and Differentiation</i> , 2006 , 13, 1857-65	12.7	16
31	Glutamine metabolism regulates FLIP expression and sensitivity to TRAIL in triple-negative breast cancer cells. <i>Cell Death and Disease</i> , 2018 , 9, 205	9.8	15
30	Strong buffering capacity of insect cells. Implications for the baculovirus expression system. <i>Cytotechnology</i> , 1995 , 17, 21-6	2.2	14
29	Control of FLIP(L) expression and TRAIL resistance by the extracellular signal-regulated kinase1/2 pathway in breast epithelial cells. <i>Cell Death and Differentiation</i> , 2012 , 19, 1908-16	12.7	13
28	Down-regulation of RIP expression by 17-dimethylaminoethylamino-17-demethoxygeldanamycin promotes TRAIL-induced apoptosis in breast tumor cells. <i>Cancer Letters</i> , 2010 , 287, 207-15	9.9	13
27	Involvement of both caspase-8 and Noxa-activated pathways in endoplasmic reticulum stress-induced apoptosis in triple-negative breast tumor cells. <i>Cell Death and Disease</i> , 2018 , 9, 134	9.8	11
26	Cellular FLIP(L) plays a survival role and regulates morphogenesis in breast epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011 , 1813, 168-78	4.9	11
25	Interferon-gamma and TRAIL in human breast tumor cells. <i>Vitamins and Hormones</i> , 2004 , 67, 291-318	2.5	11

24	Activation-induced apoptosis in Jurkat cells through a myc-independent mechanism. <i>Molecular Immunology</i> , 1995 , 32, 947-55	4.3	11
23	Glucocorticoids activate a suicide program in mature T lymphocytes: protective action of interleukin-2. <i>Annals of the New York Academy of Sciences</i> , 1992 , 650, 115-20	6.5	11
22	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
21	Caspase-8 modulates physiological and pathological angiogenesis during retina development. <i>Journal of Clinical Investigation</i> , 2019 , 129, 5092-5107	15.9	9
20	Protein-deficient ribosomal particles obtained by reversible modification with dimethylmaleic anhydride. <i>Archives of Biochemistry and Biophysics</i> , 1981 , 210, 786-9	4.1	8
19	Implication of arginyl residues in mRNA binding to ribosomes. <i>FEBS Journal</i> , 1980 , 108, 137-41		7
18	PIM kinases mediate resistance of glioblastoma cells to TRAIL by a p62/SQSTM1-dependent mechanism. <i>Cell Death and Disease</i> , 2019 , 10, 51	9.8	6
17	Thymidylate synthase inhibition triggers glucose-dependent apoptosis in p53-negative leukemic cells. <i>FEBS Letters</i> , 2004 , 570, 205-10	3.8	6
16	Transcription initiation sites and promoter structure of the human TRAIL-R3 gene. <i>FEBS Letters</i> , 2002 , 531, 304-8	3.8	6
15	A monoclonal antibody to CD11c antigen inhibits the production of superoxide anion induced by concanavalin A in PMA-differentiated U-937 cells. <i>Immunology Letters</i> , 1989 , 20, 193-7	4.1	6
14	Dissociation of the protein components from chromatin by reversible modification with dimethylmaleic anhydride. <i>Molecular and Cellular Biochemistry</i> , 1981 , 36, 163-7	4.2	6
13	Opposing roles of TGF- β and EGF in the regulation of TRAIL-induced apoptosis in human breast epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016 , 1863, 2104-14	4.9	6
12	Delaying mitotic exit downregulates FLIP expression and strongly sensitizes tumor cells to TRAIL. <i>Oncogene</i> , 2015 , 34, 661-9	9.2	5
11	Transcriptional regulation of the TRAIL-R3 gene. <i>Vitamins and Hormones</i> , 2004 , 67, 51-63	2.5	5
10	The long and winding road to cancer treatment: the TRAIL system. <i>Current Pharmaceutical Design</i> , 2014 , 20, 2819-33	3.3	5
9	Apoptosis of haematopoietic cells upon thymidylate synthase inhibition is independent of p53 accumulation and CD95-CD95 ligand interaction. <i>Biochemical Journal</i> , 2000 , 353, 101	3.8	4
8	Reversible modification of 50S ribosomal subunits with dimethylmaleic anhydride: protein-deficient particles. <i>Molecular and Cellular Biochemistry</i> , 1982 , 43, 43-7	4.2	4
7	Dissociation of proteins from Escherichia coli ribosomes after dimethylmaleic anhydride treatment. Effects of elongation factor G and antibiotics. <i>FEBS Letters</i> , 1981 , 135, 21-4	3.8	3

6	TAK1 activates AMPK-dependent cytoprotective autophagy in TRAIL-treated epithelial cells. <i>EMBO Journal</i> , 2009 , 28, 1532-1532	13	2
5	cFLIP downregulation is an early event required for endoplasmic reticulum stress-induced apoptosis in tumor cells.. <i>Cell Death and Disease</i> , 2022 , 13, 111	9.8	2
4	Oncogenic p95HER2/611CTF primes human breast epithelial cells for metabolic stress-induced down-regulation of FLIP and activation of TRAIL-R/Caspase-8-dependent apoptosis. <i>Oncotarget</i> , 2017 , 8, 93688-93703	3.3	1
3	Implication of arginyl residues in aminoacyl-tRNA binding to ribosomes. <i>FEBS Journal</i> , 1982 , 123, 95-8		1
2	Modification of 50S ribosomal subunits with N-bromosuccinimide. <i>Molecular Biology Reports</i> , 1980 , 6, 209-12	2.8	
1	Polypeptide synthesis catalyzed by p-hydroxymercuribenzoate-modified ribosomes. <i>Molecular Biology Reports</i> , 1980 , 6, 111-3	2.8	