# Abelardo Lopez-Rivas

List of Publications by Year
in descending order

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|---|---|---|---|
| 77<br>papers | 3,264<br>citations | 147726<br>31<br>h-index | 155592<br>55<br>g-index |
| 78<br>all docs | 78<br>docs citations | 78<br>times ranked | 6067<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | TAK1 activates AMPK-dependent cytoprotective autophagy in TRAIL-treated epithelial cells. EMBO Journal, 2009, 28, 677-685. | 3.5 | 357 |
| 2 | ROS-induced DNA damage and PARP-1 are required for optimal induction of starvation-induced autophagy. Cell Research, 2012, 22, 1181-1198. | 5.7 | 201 |
| 3 | Growth factors as survival factors: Regulation of apoptosis. BioEssays, 1994, 16, 133-138. | 1.2 | 168 |
| 4 | Doxorubicin Induces Apoptosis and CD95 Gene Expression in Human Primary Endothelial Cells through a p53-dependent Mechanism. Journal of Biological Chemistry, 2002, 277, 10883-10892. | 1.6 | 138 |
| 5 | Prostaglandin E2 and the increase of intracellular cAMP inhibit the expression of interleukin 2 receptors in human T cells. European Journal of Immunology, 1988, 18, 1791-1796. | 1.6 | 135 |
| 6 | The control of apoptosis in mammalian cells. Trends in Biochemical Sciences, 1993, 18, 307-309. | 3.7 | 130 |
| 7 | 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 |
| 8 | Flavopiridol Induces Cellular FLICE-Inhibitory Protein Degradation by the Proteasome and Promotes TRAILâ€“Induced Early Signaling and Apoptosis in Breast Tumor Cells. Cancer Research, 2006, 66, 8858-8869. | 0.4 | 96 |
| 9 | Cytochrome c speeds up caspase cascade activation by blocking 14-3-3Îµ-dependent Apaf-1 inhibition. Cell Death and Disease, 2018, 9, 365. | 2.7 | 88 |
| 10 | The Up-regulation of Human Caspase-8 by Interferon-Î³ in Breast Tumor Cells Requires the Induction and Action of the Transcription Factor Interferon Regulatory Factor-1. Journal of Biological Chemistry, 2004, 279, 19712-19720. | 1.6 | 85 |
| 11 | Phorbol esters inhibit apoptosis in IL-2-dependent T lymphocytes. Biochemical and Biophysical Research Communications, 1989, 164, 1069-1075. | 1.0 | 84 |
| 12 | Reactive oxygen intermediate(s) (ROI): Common mediator(s) of poly(ADP-ribose)polymerase (PARP) cleavage and apoptosis. FEBS Letters, 1996, 392, 299-303. | 1.3 | 81 |
| 13 | Apoptosis in human thymocytes after treatment with glucocorticoids. Clinical and Experimental Immunology, 2008, 88, 341-344. | 1.1 | 62 |
| 14 | Mitochondria-dependent and -independent mechanisms in tumour necrosis factor-related apoptosis-inducing ligand (TRAIL)-induced apoptosis are both regulated by interferon-Î³ in human breast tumour cells. Biochemical Journal, 2002, 365, 825-832. | 1.7 | 61 |
| 15 | Serum rapidly mobilizes calcium from an intracellular pool in quiescent fibroblastic cells. Biochemical and Biophysical Research Communications, 1983, 114, 240-247. | 1.0 | 59 |
| 16 | ER stress sensitizes cells to TRAIL through down-regulation of FLIP and Mcl-1 and PERK-dependent up-regulation of TRAIL-R2. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 349-363. | 2.2 | 58 |
| 17 | p53-mediated up-regulation of CD95 is not involved in genotoxic drug-induced apoptosis of human breast tumor cells. Cell Death and Differentiation, 1999, 6, 271-280. | 5.0 | 56 |
| 18 | Activated ERBB2/HER2 Licenses Sensitivity to Apoptosis upon Endoplasmic Reticulum Stress through a PERK-Dependent Pathway. Cancer Research, 2014, 74, 1766-1777. | 0.4 | 55 |

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|---|---|---|---|
| 19 | Activation of protein kinase C attenuates early signals in Fas-mediated apoptosis. European Journal of Immunology, 1997, 27, 1442-1450. | 1.6 | 54 |
| 20 | 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 |
| 21 | Structural basis for inhibition of the histone chaperone activity of SET/TAF-Iβ² by cytochrome c. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9908-9913. | 3.3 | 52 |
| 22 | Expression and function of AIM, an activation inducer molecule of human lymphocytes, is dependent on the activation of protein kinase C. European Journal of Immunology, 1989, 19, 809-815. | 1.6 | 49 |
| 23 | Activation of protein kinase C inhibits TRAIL-induced caspases activation, mitochondrial events and apoptosis in a human leukemic T cell line. Cell Death and Differentiation, 2001, 8, 172-181. | 5.0 | 49 |
| 24 | 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 |
| 25 | Inhibition of proliferation and induction of apoptosis in human breast cancer cells by lauryl gallate. Carcinogenesis, 2005, 27, 1699-1712. | 1.3 | 48 |
| 26 | 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. Cell Death and Differentiation, 2010, 17, 883-894. | 5.0 | 46 |
| 27 | Autophagy requires poly(adp-ribosyl)ation-dependent AMPK nuclear export. Cell Death and Differentiation, 2016, 23, 2007-2018. | 5.0 | 44 |
| 28 | 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. Journal of Biological Chemistry, 2004, 279, 4093-4101. | 1.6 | 41 |
| 29 | Phorbol esters and diacylglycerol inhibit vasopressin-induced increases in cytoplasmic-free Ca2+ and 45Ca2+ efflux in Swiss 3T3 cells. Experimental Cell Research, 1986, 164, 536-545. | 1.2 | 39 |
| 30 | dNTP pools imbalance as a signal to initiate apoptosis. Experientia, 1996, 52, 995-1000. | 1.2 | 39 |
| 31 | The therapeutic potential of TRAIL receptor signalling in cancer cells. Clinical and Translational Oncology, 2011, 13, 839-847. | 1.2 | 39 |
| 32 | Roscovitine sensitizes breast cancer cells to TRAIL-induced apoptosis through a pleiotropic mechanism. Cell Research, 2008, 18, 664-676. | 5.7 | 34 |
| 33 | Stimulation of the mitogen-activated protein kinase pathway antagonizes TRAIL-induced apoptosis downstream of BID cleavage in human breast cancer MCF-7 cells. Oncogene, 2002, 21, 4323-4327. | 2.6 | 30 |
| 34 | Deciphering the Insights of Poly(ADP-Ribosylation) in Tumor Progression. Medicinal Research Reviews, 2015, 35, 678-697. | 5.0 | 30 |
| 35 | Statins activate a mitochondriaâ€operated pathway of apoptosis in breast tumor cells by a mechanism regulated by ErbB2 and dependent on the prenylation of proteins. FEBS Letters, 2008, 582, 2589-2594. | 1.3 | 28 |
| 36 | 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 |

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|---|---|---|---|
| 37 | Bcl-2 Oncogene Protects a Bone Marrow-Derived Pre-B Cell Line from 5â€²-Fluor,2â€²-deoxyuridine-Induced Apoptosis. Biochemical and Biophysical Research Communications, 1993, 194, 126-132. | 1.0 | 27 |
| 38 | Overexpression of a Heterologous Thymidine Kinase Delays Apoptosis Induced by Factor Deprivation and Inhibitors of Deoxynucleotide Metabolism. Journal of Biological Chemistry, 1997, 272, 10624-10630. | 1.6 | 27 |
| 39 | Characterization of p53-mediated Up-regulation of CD95 Gene Expression upon Genotoxic Treatment in Human Breast Tumor Cells. Journal of Biological Chemistry, 2003, 278, 31667-31675. | 1.6 | 26 |
| 40 | Involvement of both caspase-8 and Noxa-activated pathways in endoplasmic reticulum stress-induced apoptosis in triple-negative breast tumor cells. Cell Death and Disease, 2018, 9, 134. | 2.7 | 26 |
| 41 | Inhibition of interleukin 2-induced proliferation of cloned murine T cells by glucocorticoids. Possible involvement of an inhibitory protein. European Journal of Immunology, 1988, 18, 1555-1560. | 1.6 | 24 |
| 42 | AMPK-independent down-regulation of cFLIP and sensitization to TRAIL-induced apoptosis by AMPK activators. Biochemical Pharmacology, 2010, 79, 853-863. | 2.0 | 23 |
| 43 | Autophagy inhibition sensitizes multiple myeloma cells to 17-dimethylaminoethylamino-17-demethoxygeldanamycin-induced apoptosis. Leukemia Research, 2010, 34, 1533-1538. | 0.4 | 22 |
| 44 | Glutamine metabolism regulates FLIP expression and sensitivity to TRAIL in triple-negative breast cancer cells. Cell Death and Disease, 2018, 9, 205. | 2.7 | 22 |
| 45 | Interleukin-3 and Bcl-2 cooperatively inhibit etoposide-induced apoptosis in a murine pre-B cell line. European Journal of Immunology, 1994, 24, 537-541. | 1.6 | 20 |
| 46 | Regulation of the salvage pathway of deoxynucleotides synthesis in apoptosis induced by growth factor deprivation. Biochemical Journal, 1996, 316, 421-425. | 1.7 | 19 |
| 47 | Itch/AIP4-independent proteasomal degradation of cFLIP induced by the histone deacetylase inhibitor SAHA sensitizes breast tumour cells to TRAIL. Investigational New Drugs, 2012, 30, 541-547. | 1.2 | 18 |
| 48 | Activation-induced apoptosis in Jurkat cells through a myc-independent mechanism. Molecular Immunology, 1995, 32, 947-955. | 1.0 | 17 |
| 49 | The mitogen-activated protein kinase pathway can inhibit TRAIL-induced apoptosis by prohibiting association of truncated Bid with mitochondria. Cell Death and Differentiation, 2006, 13, 1857-1865. | 5.0 | 16 |
| 50 | Caspase-8 modulates physiological and pathological angiogenesis during retina development. Journal of Clinical Investigation, 2019, 129, 5092-5107. | 3.9 | 16 |
| 51 | Strong buffering capacity of insect cells. Implications for the baculovirus expression system. Cytotechnology, 1995, 17, 21-26. | 0.7 | 15 |
| 52 | Control of FLIPL expression and TRAIL resistance by the extracellular signal-regulated kinase1/2 pathway in breast epithelial cells. Cell Death and Differentiation, 2012, 19, 1908-1916. | 5.0 | 15 |
| 53 | Down-regulation of RIP expression by 17-dimethylaminoethylamino-17-demethoxygeldanamycin promotes TRAIL-induced apoptosis in breast tumor cells. Cancer Letters, 2010, 287, 207-215. | 3.2 | 14 |
| 54 | Cellular FLIPL plays a survival role and regulates morphogenesis in breast epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 168-178. | 1.9 | 14 |

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|---|---|---|---|
| 55 | Glucocorticoids Activate a Suicide Program in Mature T Lymphocytes:.. Annals of the New York Academy of Sciences, 1992, 650, 115-120. | 1.8 | 11 |
| 56 | Interferon-Gamma and TRAIL in Human Breast Tumor Cells. Vitamins and Hormones, 2004, 67, 291-318. | 0.7 | 11 |
| 57 | cFLIP downregulation is an early event required for endoplasmic reticulum stress-induced apoptosis in tumor cells. Cell Death and Disease, 2022, 13, 111. | 2.7 | 11 |
| 58 | 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 |
| 59 | PIM kinases mediate resistance of glioblastoma cells to TRAIL by a p62/SQSTM1-dependent mechanism. Cell Death and Disease, 2019, 10, 51. | 2.7 | 9 |
| 60 | Protein-deficient ribosomal particles obtained by reversible modification with dimethylmaleic anhydride. Archives of Biochemistry and Biophysics, 1981, 210, 786-789. | 1.4 | 8 |
| 61 | Opposing roles of TGF-Î² and EGF in the regulation of TRAIL-induced apoptosis in human breast epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2104-2114. | 1.9 | 8 |
| 62 | Implication of Arginyl Residues in mRNA Binding to Ribosomes. FEBS Journal, 1980, 108, 137-141. | 0.2 | 7 |
| 63 | Transcription initiation sites and promoter structure of the human TRAIL-R3 gene1. FEBS Letters, 2002, 531, 304-308. | 1.3 | 7 |
| 64 | Thymidylate synthase inhibition triggers glucose-dependent apoptosis in p53-negative leukemic cells. FEBS Letters, 2004, 570, 205-210. | 1.3 | 7 |
| 65 | 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. Oncotarget, 2017, 8, 93688-93703. | 0.8 | 7 |
| 66 | Dissociation of the protein components from chromatin by reversible modification with dimethylmaleic anhydride. Molecular and Cellular Biochemistry, 1981, 36, 163-167. | 1.4 | 6 |
| 67 | A monoclonal antibody to CD11c antigen inhibits the production of superoxide anion induced by concanavalin A in PMA-differentiated U-937 cells. Immunology Letters, 1989, 20, 193-197. | 1.1 | 6 |
| 68 | Transcriptional Regulation of the TRAIL-R3 Gene. Vitamins and Hormones, 2004, 67, 51-63. | 0.7 | 6 |
| 69 | TAK1 activates AMPK-dependent cytoprotective autophagy in TRAIL-treated epithelial cells. EMBO Journal, 2009, 28, 1532-1532. | 3.5 | 5 |
| 70 | Delaying mitotic exit downregulates FLIP expression and strongly sensitizes tumor cells to TRAIL. Oncogene, 2015, 34, 661-669. | 2.6 | 5 |
| 71 | The Long and Winding Road to Cancer Treatment: The Trail System. Current Pharmaceutical Design, 2014, 20, 2819-2833. | 0.9 | 5 |
| 72 | Reversible modification of 50S ribosomal subunits with dimethylmaleic anhydride. Molecular and Cellular Biochemistry, 1982, 43, 43-7. | 1.4 | 4 |

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| 73 | Apoptosis of haematopoietic cells upon thymidylate synthase inhibition is independent of p53 accumulation and CD95â€'CD95 ligand interaction. Biochemical Journal, 2000, 353, 101. | 1.7 | 4 |
| 74 | Dissociation of proteins from Escherichia coli ribosomes after dimethylmaleic anhydride treatment. FEBS Letters, 1981, 135, 21-24. | 1.3 | 3 |
| 75 | Implication of Arginyl Residues in Aminoacyl-tRNA Binding to Ribosomes. FEBS Journal, 1982, 123, 95-98. | 0.2 | 1 |
| 76 | Modification of 50S ribosomal subunits withN-bromosuccinimide. Molecular Biology Reports, 1980, 6, 209-212. | 1.0 | 0 |
| 77 | Polypeptide synthesis catalyzed by p-hydroxymercuribezoate-modified ribosomes. Molecular Biology Reports, 1980, 6, 111-113. | 1.0 | 0 |