# Myriam Alcalay

List of Publications by Year
in descending order

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| 64 | 7,076 | 109321 | 138484 |
|---|---|---|---|
| papers | citations | 35 h-index | 58 g-index |

| 65 | 65 | 65 | 7523 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cytoplasmic Nucleophosmin in Acute Myelogenous Leukemia with a Normal Karyotype. New England Journal of Medicine, 2005, 352, 254-266. | 27.0 | 1,637 |
| 2 | The acute promyelocytic leukemia-specific PML-RARÎ± fusion protein inhibits differentiation and promotes survival of myeloid precursor cells. Cell, 1993, 74, 423-431. | 28.9 | 583 |
| 3 | APMLRARÎ± transgene initiates murine acute promyelocyticâ€‰leukemia. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 2551-2556. | 7.1 | 441 |
| 4 | Acute myeloid leukemia bearing cytoplasmic nucleophosmin (NPMc+ AML) shows a distinct gene expression profile characterized by up-regulation of genes involved in stem-cell maintenance. Blood, 2005, 106, 899-902. | 1.4 | 327 |
| 5 | Cell-cycle restriction limits DNA damage and maintains self-renewal of leukaemia stem cells. Nature, 2009, 457, 51-56. | 27.8 | 289 |
| 6 | Structure and origin of the acute promyelocytic leukemia myl/RAR alpha cDNA and characterization of its retinoid-binding and transactivation properties. Oncogene, 1991, 6, 1285-92. | 5.9 | 257 |
| 7 | Translocation breakpoint of acute promyelocytic leukemia lies within the retinoic acid receptor alpha locus.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 1977-1981. | 7.1 | 239 |
| 8 | Acute myeloid leukemia fusion proteins deregulate genes involved in stem cell maintenance and DNA repair. Journal of Clinical Investigation, 2003, 112, 1751-1761. | 8.2 | 223 |
| 9 | Role for Histone Deacetylase 1 in Human Tumor Cell Proliferation. Molecular and Cellular Biology, 2007, 27, 4784-4795. | 2.3 | 222 |
| 10 | Rearrangements and aberrant expression of the retinoic acid receptor alpha gene in acute promyelocytic leukemias.. Journal of Experimental Medicine, 1990, 172, 1571-1575. | 8.5 | 202 |
| 11 | Nucleophosmin and its complex network: a possible therapeutic target in hematological diseases. Oncogene, 2011, 30, 2595-2609. | 5.9 | 187 |
| 12 | Immunohistochemistry predicts nucleophosmin (NPM) mutations in acute myeloid leukemia. Blood, 2006, 108, 1999-2005. | 1.4 | 181 |
| 13 | The Promyelocytic Leukemia Gene Product (PML) Forms Stable Complexes with the Retinoblastoma Protein. Molecular and Cellular Biology, 1998, 18, 1084-1093. | 2.3 | 156 |
| 14 | Expression pattern of the RAR alpha-PML fusion gene in acute promyelocytic leukemia.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4840-4844. | 7.1 | 141 |
| 15 | Delocalization and Destabilization of the Arf Tumor Suppressor by the Leukemia-Associated NPM Mutant. Cancer Research, 2006, 66, 3044-3050. | 0.9 | 138 |
| 16 | Rox, a novel bHLHZip protein expressed in quiescent cells that heterodimerizes with Max, binds a non-canonical E box and acts as a transcriptional repressor. EMBO Journal, 1997, 16, 2892-2906. | 7.8 | 126 |
| 17 | Oxidative stress activates a specific p53 transcriptional response that regulates cellular senescence and aging. Aging Cell, 2013, 12, 435-445. | 6.7 | 124 |
| 18 | Family expansion and gene rearrangements contributed to the functional specialization of PRDM genes in vertebrates. BMC Evolutionary Biology, 2007, 7, 187. | 3.2 | 120 |

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|---|---|---|---|
| 19 | dapk1, encoding an activator of a p19ARF-p53-mediated apoptotic checkpoint, is a transcription target of p53. Oncogene, 2005, 24, 1461-1466. | 5.9 | 106 |
| 20 | DEK Expression is Controlled by E2F and Deregulated in Diverse Tumor Type. Cell Cycle, 2006, 5, 1202-1207. | 2.6 | 106 |
| 21 | Overlapping and divergent signaling pathways of N-cadherin and VE-cadherin in endothelial cells. Blood, 2012, 119, 2159-2170. | 1.4 | 87 |
| 22 | Retinoic acid targets DNA-methyltransferases and histone deacetylases during APL blast differentiation in vitro and in vivo. Oncogene, 2005, 24, 1820-1830. | 5.9 | 83 |
| 23 | Common themes in the pathogenesis of acute myeloid leukemia. Oncogene, 2001, 20, 5680-5694. | 5.9 | 72 |
| 24 | Cooperation between the RING+B1-B2 and coiled-coil domains of PML is necessary for its effects on cell survival. Oncogene, 1998, 16, 2905-2913. | 5.9 | 69 |
| 25 | Cytoplasmic localization of NPM in myeloid leukemias is dictated by gain-of-function mutations that create a functional nuclear export signal. Oncogene, 2006, 25, 4376-4380. | 5.9 | 68 |
| 26 | AML1/ETO Oncoprotein Is Directed to AML1 Binding Regions and Co-Localizes with AML1 and HEB on Its Targets. PLoS Genetics, 2008, 4, e1000275. | 3.5 | 67 |
| 27 | Pathology tissueâ€“chromatin immunoprecipitation, coupled with high-throughput sequencing, allows the epigenetic profiling of patient samples. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21535-21540. | 7.1 | 63 |
| 28 | Wnt Signalling in Acute Myeloid Leukaemia. Cells, 2019, 8, 1403. | 4.1 | 55 |
| 29 | Molecular signature of retinoic acid treatment in acute promyelocytic leukemia. Oncogene, 2005, 24, 3358-3368. | 5.9 | 52 |
| 30 | The acute promyelocytic leukaemia specific PML and PLZF proteins localize to adjacent and functionally distinct nuclear bodies. Oncogene, 1998, 16, 1945-1953. | 5.9 | 47 |
| 31 | Repression of New p53 Targets Revealed by ChIP on Chip Experiments. Cell Cycle, 2006, 5, 1102-1110. | 2.6 | 47 |
| 32 | Rearrangements of the RAR-Î± gene in acute promyelocytic leukaemia:. British Journal of Haematology, 1991, 78, 494-499. | 2.5 | 46 |
| 33 | Adhesion Deregulation in Acute Myeloid Leukaemia. Cells, 2019, 8, 66. | 4.1 | 44 |
| 34 | The Tumor Suppressor PRDM5 Regulates Wnt Signaling at Early Stages of Zebrafish Development. PLoS ONE, 2009, 4, e4273. | 2.5 | 42 |
| 35 | PML/RARâ€Î± rearrangement in acute promyelocytic leukaemias apparently lacking the t(15;17) translocation. European Journal of Haematology, 1992, 48, 173-176. | 2.2 | 41 |
| 36 | Variant and Masked Translocations in Acute Promyelocytic Leukemia. Leukemia and Lymphoma, 1996, 22, 221-228. | 1.3 | 36 |

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|---|---|---|---|
| 37 | Role of nucleophosmin in acute myeloid leukemia. Expert Review of Anticancer Therapy, 2009, 9, 1283-1294. | 2.4 | 34 |
| 38 | G1 checkpoint failure and increased tumor susceptibility in mice lacking the novel p53 target Ptprv. EMBO Journal, 2005, 24, 3093-3103. | 7.8 | 32 |
| 39 | Pirin Inhibits Cellular Senescence in Melanocytic Cells. American Journal of Pathology, 2011, 178, 2397-2406. | 3.8 | 31 |
| 40 | HDAC8: A Promising Therapeutic Target for Acute Myeloid Leukemia. Frontiers in Cell and Developmental Biology, 2020, 8, 844. | 3.7 | 31 |
| 41 | Expression and role of PML gene in normal adult hematopoiesis: functional interaction between PML and Rb proteins in erythropoiesis. Oncogene, 1999, 18, 3529-3540. | 5.9 | 23 |
| 42 | Pirin delocalization in melanoma progression identified by high content immuno-detection based approaches. BMC Cell Biology, 2010, 11, 5. | 3.0 | 23 |
| 43 | Human Haemato-Endothelial Precursors: Cord Blood CD34+ Cells Produce Haemogenic Endothelium. PLoS ONE, 2012, 7, e51109. | 2.5 | 23 |
| 44 | Pirin downregulation is a feature of AML and leads to impairment of terminal myeloid differentiation. Leukemia, 2010, 24, 429-437. | 7.2 | 20 |
| 45 | Acute promyelocytic leukemias share cooperative mutations with other myeloid-leukemia subgroups. Blood Cancer Journal, 2013, 3, e147-e147. | 6.2 | 16 |
| 46 | GenePicker: replicate analysis of Affymetrix gene expression microarrays. Bioinformatics, 2004, 20, 3670-3672. | 4.1 | 15 |
| 47 | AML1/ETO accelerates cell migration and impairs cell-to-cell adhesion and homing of hematopoietic stem/progenitor cells. Scientific Reports, 2016, 6, 34957. | 3.3 | 15 |
| 48 | The TEL-AML1 fusion protein of acute lymphoblastic leukemia modulates IRF3 activity during early B-cell differentiation. Oncogene, 2015, 34, 6018-6028. | 5.9 | 14 |
| 49 | Nucleophosmin leukemogenic mutant activates Wnt signaling during zebrafish development. Oncotarget, 2016, 7, 55302-55312. | 1.8 | 14 |
| 50 | Antiangiogenic therapy in recurrent breast cancer with lymphangitic spread to the chest wall: A randomized phase II trial of bevacizumab with sequential or concurrent oral vinorelbine and capecitabine. Breast, 2015, 24, 263-271. | 2.2 | 13 |
| 51 | Has Drug Repurposing Fulfilled Its Promise in Acute Myeloid Leukaemia?. Journal of Clinical Medicine, 2020, 9, 1892. | 2.4 | 11 |
| 52 | The meaning of it all: web-based resources for large-scale functional annotation and visualization of DNA microarray data. Trends in Genetics, 2002, 18, 589-592. | 6.7 | 9 |
| 53 | GAAS: Gene Array Analyzer Software for management, analysis and visualization of gene expression data. Bioinformatics, 2003, 19, 774-775. | 4.1 | 9 |
| 54 | Understanding the molecular basis of acute myeloid leukemias: where are we now?. International Journal of Hematologic Oncology, 2017, 6, 43-53. | 1.6 | 9 |

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|---|---|---|---|
| 55 | Cohesin Mutations Induce Chromatin Conformation Perturbation of the H19/IGF2 Imprinted Region and Gene Expression Dysregulation in Cornelia de Lange Syndrome Cell Lines. Biomolecules, 2021, 11, 1622. | 4.0 | 3 |
| 56 | MyWEST: My Web Extraction Software Tool for effective mining of annotations from web-based databanks. Bioinformatics, 2004, 20, 3326-3335. | 4.1 | 2 |
| 57 | GeneWebEx: gene annotation Web extraction, aggregation, and from Web-based biomolecular databanks. , 0, , . | | 2 |
| 58 | Molecular investigation of coexistent chronic myeloid leukaemia and peripheral T-cell lymphoma â€“ a case report. Scientific Reports, 2015, 5, 14829. | 3.3 | 2 |
| 59 | Biomedical omics: first insights of a new MSc degree of the University of Milan. Tumori, 2021, , 030089162110472. | 1.1 | 1 |
| 60 | Molecular Pathogenesis of Acute Promyelocytic Leukemia1. , 1994, , 148-159. | | 0 |
| 61 | Retinoids: From basic science to clinical applications. Biochemical Education, 1995, 23, 47. | 0.1 | 0 |
| 62 | GENEWEBEX: GENE ANNOTATION WEB EXTRACTION, AGGREGATION, AND UPDATING FROM WEB-INTERFACED BIOMOLECULAR DATABANKS. International Journal of Software Engineering and Knowledge Engineering, 2005, 15, 511-526. | 0.8 | 0 |
| 63 | Clinical and Biological Relevance of Gene Expression Profiling in Acute Myeloid Leukemia. , 0, , . | | 0 |
| 64 | PML/RAR_ Fusion Gene and Response to Retinoic Acid and Arsenic Trioxide Treatment. , 2013, , 313-336. | | 0 |