

Javier Leon

List of Publications by Year in descending order

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88
papers

4,094
citations

117625

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123424

61
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93
all docs

93
docs citations

93
times ranked

6139
citing authors

#	ARTICLE	IF	CITATIONS
1	Myc and cell cycle control. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 506-516.	1.9	538
2	Myc represses differentiation-induced p21CIP1 expression via Miz-1-dependent interaction with the p21 core promoter. <i>Oncogene</i> , 2003, 22, 351-360.	5.9	277
3	Myc Roles in Hematopoiesis and Leukemia. <i>Genes and Cancer</i> , 2010, 1, 605-616.	1.9	217
4	Differential expression of the ras gene family in mice.. <i>Molecular and Cellular Biology</i> , 1987, 7, 1535-1540.	2.3	204
5	Ras proteins in the control of the cell cycle and cell differentiation. <i>Cellular and Molecular Life Sciences</i> , 2000, 57, 1613-1636.	5.4	160
6	MYC Oncogene Contributions to Release of Cell Cycle Brakes. <i>Genes</i> , 2019, 10, 244.	2.4	136
7	Contributions of Myc to tumorigenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2002, 1602, 61-71.	7.4	106
8	Cell growth inhibition by the multifunctional multivalent zinc-finger factor CTCF. <i>Cancer Research</i> , 2001, 61, 6002-7.	0.9	94
9	Oncogene activation in human benign tumors of the skin (keratoacanthomas): is HRAS involved in differentiation as well as proliferation?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 6372-6376.	7.1	92
10	Functional Phosphorylation Sites in the C-Terminal Region of the Multivalent Multifunctional Transcriptional Factor CTCF. <i>Molecular and Cellular Biology</i> , 2001, 21, 2221-2234.	2.3	89
11	p21Cip1 and p27Kip1 Induce Distinct Cell Cycle Effects and Differentiation Programs in Myeloid Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 18120-18129.	3.4	81
12	SKP2 Oncogene Is a Direct MYC Target Gene and MYC Down-regulates p27KIP1 through SKP2 in Human Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 9815-9825.	3.4	79
13	Differential Expression of the <i>ras</i> Gene Family in Mice. <i>Molecular and Cellular Biology</i> , 1987, 7, 1535-1540.	2.3	79
14	CTCF Regulates Growth and Erythroid Differentiation of Human Myeloid Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 28152-28161.	3.4	76
15	Targeting of CTCF to the nucleolus inhibits nucleolar transcription through a poly(ADP-ribosyl)ation-dependent mechanism. <i>Journal of Cell Science</i> , 2006, 119, 1746-1759.	2.0	75
16	Prolactin induces c-Myc expression and cell survival through activation of Src/Akt pathway in lymphoid cells. <i>Oncogene</i> , 2004, 23, 7378-7390.	5.9	74
17	H-ras activation in benign and self-regressing skin tumors (keratoacanthomas) in both humans and an animal model system.. <i>Molecular and Cellular Biology</i> , 1988, 8, 786-793.	2.3	72
18	c-Myc antagonizes the effect of p53 on apoptosis and p21WAF1 transactivation in K562 leukemia cells. <i>Oncogene</i> , 2000, 19, 2194-2204.	5.9	58

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19	Identification of a Candidate Tumor-Suppressor Gene Specifically Activated during Ras-Induced Senescence. <i>Experimental Cell Research</i> , 2002, 273, 127-137.	2.6	58
20	Differential regulation of Max and role of c-Myc during erythroid and myelomonocytic differentiation of K562 cells. <i>Oncogene</i> , 1995, 10, 1659-65.	5.9	55
21	Inhibition of cell differentiation: A critical mechanism for MYC-mediated carcinogenesis?. <i>Cell Cycle</i> , 2009, 8, 1148-1157.	2.6	54
22	MYC in Chronic Myeloid Leukemia: Induction of Aberrant DNA Synthesis and Association with Poor Response to Imatinib. <i>Molecular Cancer Research</i> , 2011, 9, 564-576.	3.4	54
23	MYC antagonizes the differentiation induced by imatinib in chronic myeloid leukemia cells through downregulation of p27KIP1. <i>Oncogene</i> , 2013, 32, 2239-2246.	5.9	54
24	H-, K- and N-Ras inhibit myeloid leukemia cell proliferation by a p21WAF1-dependent mechanism. <i>Oncogene</i> , 2000, 19, 783-790.	5.9	53
25	Myc Inhibits p27-Induced Erythroid Differentiation of Leukemia Cells by Repressing Erythroid Master Genes without Reversing p27-Mediated Cell Cycle Arrest. <i>Molecular and Cellular Biology</i> , 2008, 28, 7286-7295.	2.3	53
26	Max and inhibitory c-Myc mutants induce erythroid differentiation and resistance to apoptosis in human myeloid leukemia cells. <i>Oncogene</i> , 1997, 14, 1315-1327.	5.9	51
27	Subcellular Localization Determines the Protective Effects of Activated ERK2 against Distinct Apoptogenic Stimuli in Myeloid Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 32813-32823.	3.4	51
28	MYC oncogene in myeloid neoplasias. <i>Clinical and Translational Oncology</i> , 2013, 15, 87-94.	2.4	51
29	ODZ1 allows glioblastoma to sustain invasiveness through a Myc-dependent transcriptional upregulation of RhoA. <i>Oncogene</i> , 2017, 36, 1733-1744.	5.9	48
30	Apoptosis of human myeloid leukemia cells induced by an inhibitor of protein phosphatases (okadaic) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	7.2	47
31	Inhibitory effect of c-Myc on p53-induced apoptosis in leukemia cells. Microarray analysis reveals defective induction of p53 target genes and upregulation of chaperone genes. <i>Oncogene</i> , 2005, 24, 4559-4571.	5.9	43
32	Apoptosis and Mitotic Arrest Are Two Independent Effects of the Protein Phosphatases Inhibitor Okadaic Acid in K562 Leukemia Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 256-264.	2.1	42
33	p21 as a Transcriptional Co-Repressor of S-Phase and Mitotic Control Genes. <i>PLoS ONE</i> , 2012, 7, e37759.	2.5	42
34	Myc stimulates cell cycle progression through the activation of Cdk1 and phosphorylation of p27. <i>Scientific Reports</i> , 2019, 9, 18693.	3.3	40
35	Myc Antagonizes Ras-mediated Growth Arrest in Leukemia Cells through the Inhibition of the Ras-ERK-p21Cip1 Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 1112-1122.	3.4	37
36	Differential expression and phosphorylation of CTCF, a c-myc transcriptional regulator, during differentiation of human myeloid cells. <i>FEBS Letters</i> , 1999, 444, 5-10.	2.8	31

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37	Myeloid Leukemia Cell Growth and Differentiation Are Independent of Mitogen-activated Protein Kinase ERK1/2 Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 7189-7197.	3.4	31
38	c-Myc Inhibits Ras-Mediated Differentiation of Pheochromocytoma Cells by Blocking c-Jun Up-Regulation. <i>Molecular Cancer Research</i> , 2008, 6, 325-339.	3.4	30
39	ras activation in human tumors and in animal model systems.. <i>Environmental Health Perspectives</i> , 1991, 93, 19-25.	6.0	29
40	Sin3b Interacts with Myc and Decreases Myc Levels. <i>Journal of Biological Chemistry</i> , 2014, 289, 22221-22236.	3.4	29
41	Suppression of BCL6 function by HDAC inhibitor mediated acetylation and chromatin modification enhances BET inhibitor effects in B-cell lymphoma cells. <i>Scientific Reports</i> , 2019, 9, 16495.	3.3	27
42	Nucleotide sequence and intracellular location of the product of the fosfomycin resistance gene from transposon Tn2921. <i>Antimicrobial Agents and Chemotherapy</i> , 1990, 34, 2016-2018.	3.2	25
43	Gene expression regulation and cancer. <i>Clinical and Translational Oncology</i> , 2006, 8, 780-787.	2.4	24
44	Induction of apolipoprotein E gene expression in human and experimental atherosclerotic lesions. <i>Biochemical and Biophysical Research Communications</i> , 1990, 168, 733-740.	2.1	23
45	p73 cooperates with Ras in the activation of MAP kinase signaling cascade. <i>Cell Death and Differentiation</i> , 2007, 14, 254-265.	11.2	22
46	High p27 protein levels in chronic lymphocytic leukemia are associated to low Myc and Skp2 expression, confer resistance to apoptosis and antagonize Myc effects on cell cycle. <i>Oncotarget</i> , 2014, 5, 4694-4708.	1.8	22
47	Kinetics of myc-max-mad gene expression during hepatocyte proliferation in vivo: Differential regulation of mad family and stress-mediated induction of c-myc. <i>Molecular Carcinogenesis</i> , 2004, 39, 85-90.	2.7	20
48	p21Cip1 Confers resistance to imatinib in human chronic myeloid leukemia cells. <i>Cancer Letters</i> , 2010, 292, 133-139.	7.2	20
49	Spi-1/PU.1 Proto-oncogene Induces Opposite Effects on Monocytic and Erythroid Differentiation of K562 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1998, 252, 383-391.	2.1	19
50	MXD1 localizes in the nucleolus, binds UBF and impairs rRNA synthesis. <i>Oncotarget</i> , 2016, 7, 69536-69548.	1.8	19
51	Down Regulation of C-MYC and MAX Genes Is Associated to Inhibition of Protein Phosphatase 2A in K562 Human Leukemia Cells. <i>Biochemical and Biophysical Research Communications</i> , 1995, 215, 889-895.	2.1	18
52	PU.1 expression is restored upon treatment of chronic myeloid leukemia patients. <i>Cancer Letters</i> , 2008, 270, 328-336.	7.2	18
53	H-ras activation in benign and self-regressing skin tumors (keratoacanthomas) in both humans and an animal model system. <i>Molecular and Cellular Biology</i> , 1988, 8, 786-793.	2.3	18
54	HCT116 cells deficient in p21Waf1 are hypersensitive to tyrosine kinase inhibitors and adriamycin through a mechanism unrelated to p21 and dependent on p53. <i>DNA Repair</i> , 2009, 8, 390-399.	2.8	17

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55	Amifostine impairs p53-mediated apoptosis of human myeloid leukemia cells. <i>Molecular Cancer Therapeutics</i> , 2003, 2, 893-900.	4.1	17
56	Expression of Insulin-Like Growth Factor Receptor mRNA in Rabbit Atherosclerotic Lesions. <i>Biochemical and Biophysical Research Communications</i> , 1995, 209, 182-190.	2.1	16
57	Bobel-24 and Derivatives Induce Caspase-Independent Death in Pancreatic Cancer Regardless of Apoptotic Resistance. <i>Cancer Research</i> , 2008, 68, 6313-6323.	0.9	16
58	p73 Plays a Role in Erythroid Differentiation through GATA1 Induction. <i>Journal of Biological Chemistry</i> , 2009, 284, 21139-21156.	3.4	16
59	Down-regulation of c-myc gene is not obligatory for growth inhibition and differentiation of human myeloid leukemia cells. <i>Leukemia</i> , 1993, 7, 1824-33.	7.2	16
60	Fosfomycin resistance plasmids do not affect fosfomycin transport into <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1982, 21, 608-612.	3.2	15
61	Cloning and expression in minicells of the determinant of resistance to fosfomycin from the transposon Tn2921. <i>Plasmid</i> , 1984, 11, 243-247.	1.4	15
62	MYC accelerates p21 ^{CIP} -induced megakaryocytic differentiation involving early mitosis arrest in leukemia cells. <i>Journal of Cellular Physiology</i> , 2012, 227, 2069-2078.	4.1	15
63	C-myc expression in cell lines derived from chronic myeloid leukemia. <i>Haematologica</i> , 2004, 89, 241-3.	3.5	15
64	Differential expression of ras protooncogenes during in vitro differentiation of human erythroleukemia cells. <i>Cancer Research</i> , 1992, 52, 5979-84.	0.9	13
65	Structural and functional analyses of the fosfomycin resistance transposon Tn2921. <i>Journal of Bacteriology</i> , 1985, 162, 1061-1067.	2.2	12
66	Foam cells from aorta and spleen overexpress apolipoprotein E in the absence of hypercholesterolemia. <i>Biochemical and Biophysical Research Communications</i> , 1992, 183, 514-523.	2.1	11
67	Novel triiodophenol derivatives induce caspase-independent mitochondrial cell death in leukemia cells inhibited by Myc. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1166-1175.	4.1	11
68	Apolipoprotein E expression in the cerebellum of normal and hypercholesterolemic rabbits. <i>Molecular Brain Research</i> , 1994, 21, 115-123.	2.3	10
69	Interferon Induces Up-regulation of Spi-1/PU.1 in Human Leukemia K562 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 862-868.	2.1	10
70	Determination of Viability of Human Cartilage Allografts by a Rapid and Quantitative Method Not Requiring Cartilage Digestion. <i>Cell Transplantation</i> , 2008, 17, 859-864.	2.5	10
71	The MNT transcription factor autoregulates its expression and supports proliferation in MYC-associated factor X (MAX)-deficient cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 2001-2017.	3.4	10
72	CM363, a novel naphthoquinone derivative which acts as multikinase modulator and overcomes imatinib resistance in chronic myelogenous leukemia. <i>Oncotarget</i> , 2017, 8, 29679-29698.	1.8	10

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73	Fosfomycin-resistance Plasmids Determine an Intracellular Modification of Fosfomycin. <i>Microbiology (United Kingdom)</i> , 1985, 131, 1649-1655.	1.8	9
74	Hypercholesterolemia induces differential expression of rabbit apolipoprotein A and C genes. <i>Atherosclerosis</i> , 1992, 95, 95-103.	0.8	8
75	CD3 μ recruits Numb to promote TCR degradation. <i>International Immunology</i> , 2016, 28, 127-137.	4.0	8
76	NUMB inactivation confers resistance to imatinib in chronic myeloid leukemia cells. <i>Cancer Letters</i> , 2016, 375, 92-99.	7.2	6
77	The Multiple Faces of MNT and Its Role as a MYC Modulator. <i>Cancers</i> , 2021, 13, 4682.	3.7	6
78	Fosfomycin inactivates its target enzyme in <i>Escherichia coli</i> cells carrying a fosfomycin resistance plasmid.. <i>Antimicrobial Agents and Chemotherapy</i> , 1983, 24, 276-278.	3.2	5
79	Expression of apolipoprotein e in cholesterol-loaded macrophages of extrahepatic tissues during experimental hypercholesterolemia. <i>Life Sciences</i> , 1995, 56, 1865-1875.	4.3	5
80	Positive autoregulation ofrasgenes expression in fibroblasts. <i>FEBS Letters</i> , 1997, 416, 317-323.	2.8	5
81	Regulation of c-Myc and Max in megakaryocytic and monocytic-macrophagic differentiation of K562 cells induced by protein kinase C modifiers: c-Myc is down-regulated but does not inhibit differentiation. <i>Cell Growth & Differentiation: the Molecular Biology Journal of the American Association for Cancer Research</i> , 1999, 10, 639-54.	0.8	5
82	JKST6, a novel multikinase modulator of the BCR-ABL1/STAT5 signaling pathway that potentiates direct BCR-ABL1 inhibition and overcomes imatinib resistance in chronic myelogenous leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112330.	5.6	4
83	Fosfomycin Causes Transient Lysis in <i>Escherichia coli</i> Strains Carrying Fosfomycin-resistance Plasmids. <i>Microbiology (United Kingdom)</i> , 1985, 131, 3255-3260.	1.8	3
84	Induction of apolipoprotein E expression during erythroid differentiation of human K562 leukemia cells. <i>Leukemia Research</i> , 1993, 17, 771-776.	0.8	3
85	A novel mutation in ADAMTS13 of a child with Upshaw-Schulman Syndrome. <i>Thrombosis and Haemostasis</i> , 2014, 112, 1065-1068.	3.4	3
86	MYC as therapeutic target in leukemia and lymphoma. <i>Blood and Lymphatic Cancer: Targets and Therapy</i> , 0, , 75.	2.7	2
87	Downregulation of hepatic albumin mRNA in response to induced hypercholesterolemia in rabbits. <i>Lipids and Lipid Metabolism</i> , 1992, 1128, 77-82.	2.6	1
88	A novel role of MNT as a negative regulator of REL and the NF- κ B pathway. <i>Oncogenesis</i> , 2021, 10, 5.	4.9	1