

Achim Leutz

List of Publications by Year in descending order

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119
papers

11,532
citations

30551

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32181

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127
all docs

127
docs citations

127
times ranked

12384
citing authors

#	ARTICLE	IF	CITATIONS
1	CSF2-dependent monocyte education in the pathogenesis of ANCA-induced glomerulonephritis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1162-1172.	0.5	10
2	A Universal Peptide Matrix Interactomics Approach to Disclose Motif-Dependent Protein Binding. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100135.	2.5	15
3	PRISMA and BioID disclose a motifs-based interactome of the intrinsically disordered transcription factor C/EBP β . <i>IScience</i> , 2021, 24, 102686.	1.9	16
4	Myeloid transformation by <i>MLL</i> - <i>ENL</i> depends strictly on C/EBP. <i>Life Science Alliance</i> , 2021, 4, e202000709.	1.3	5
5	The transcription factor C/EBP β orchestrates dendritic cell maturation and functionality under homeostatic and malignant conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26328-26339.	3.3	13
6	C/EBP β -Dependent Epigenetic Memory Induces Trained Immunity in Hematopoietic Stem Cells. <i>Cell Stem Cell</i> , 2020, 26, 657-674.e8.	5.2	180
7	Cxcl10+ monocytes define a pathogenic subset in the central nervous system during autoimmune neuroinflammation. <i>Nature Immunology</i> , 2020, 21, 525-534.	7.0	74
8	PRISMA: Protein Interaction Screen on Peptide Matrix Reveals Interaction Footprints and Modifications- Dependent Interactome of Intrinsically Disordered C/EBP β . <i>IScience</i> , 2019, 13, 351-370.	1.9	31
9	A C/EBP β -Wnt connection in gut homeostasis and carcinogenesis. <i>Life Science Alliance</i> , 2019, 2, e201800173.	1.3	4
10	Loss-of-function uORF mutations in human malignancies. <i>Scientific Reports</i> , 2018, 8, 2395.	1.6	44
11	The C/EBP β LIP isoform rescues loss of C/EBP β function in the mouse. <i>Scientific Reports</i> , 2018, 8, 8417.	1.6	14
12	C/EBP-Induced Transdifferentiation Reveals Granulocyte-Macrophage Precursor-like Plasticity of B Cells. <i>Stem Cell Reports</i> , 2017, 8, 346-359.	2.3	34
13	Genomic Characterization of Murine Monocytes Reveals C/EBP β Transcription Factor Dependence of Ly6C ^{hi} Cells. <i>Immunity</i> , 2017, 46, 849-862.e7.	6.6	233
14	SIRT1 regulates macrophage self-renewal. <i>EMBO Journal</i> , 2017, 36, 2353-2372.	3.5	97
15	Functional interaction of CCAAT/enhancer-binding-protein β basic region mutants with E2F transcription factors and DNA. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 841-847.	0.9	1
16	C/EBP β regulates homeostatic and oncogenic gastric cell proliferation. <i>Journal of Molecular Medicine</i> , 2016, 94, 1385-1395.	1.7	25
17	Comprehensive translational control of tyrosine kinase expression by upstream open reading frames. <i>Oncogene</i> , 2016, 35, 1736-1742.	2.6	28
18	Deficiency in mTORC1 controlled C/EBP β mRNA translation improves metabolic health in mice. <i>EMBO Reports</i> , 2015, 16, 1022-1036.	2.0	38

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19	Chromatin Dynamics during Differentiation of Myeloid Cells. <i>Journal of Molecular Biology</i> , 2015, 427, 670-687.	2.0	12
20	Deregulation of the endogenous C/EBP β LIP isoform predisposes to tumorigenesis. <i>Journal of Molecular Medicine</i> , 2015, 93, 39-49.	1.7	28
21	Notch pathway inhibition controls myeloma bone disease in the murine MOPC315.BM model. <i>Blood Cancer Journal</i> , 2014, 4, e217-e217.	2.8	38
22	uORFdb—a comprehensive literature database on eukaryotic uORF biology. <i>Nucleic Acids Research</i> , 2014, 42, D60-D67.	6.5	74
23	Dendritic cell-mediated survival signals in E μ 1/4-Myc B-cell lymphoma depend on the transcription factor C/EBP β . <i>Nature Communications</i> , 2014, 5, 5057.	5.8	17
24	A High Content Screening Assay for Evaluation of Biomaterial-Mediated Cell Fusion Processes. <i>Macromolecular Symposia</i> , 2014, 346, 91-99.	0.4	2
25	PU.1 Level-Directed Chromatin Structure Remodeling at the <i>Irf8</i> Gene Drives Dendritic Cell Commitment. <i>Cell Reports</i> , 2013, 3, 1617-1628.	2.9	105
26	Hacking cell differentiation: transcriptional rerouting in reprogramming, lineage infidelity and metaplasia. <i>EMBO Molecular Medicine</i> , 2013, 5, 1154-1164.	3.3	15
27	Stable conditional expression and effect of C/EBP β -LIP in adipocytes using the pSLIK system. <i>Journal of Molecular Endocrinology</i> , 2013, 51, 91-98.	1.1	3
28	Cross talk between Wnt/ β -catenin and <i>Irf8</i> in leukemia progression and drug resistance. <i>Journal of Experimental Medicine</i> , 2013, 210, 2239-2256.	4.2	47
29	Lymphoid to Myeloid Cell Trans-Differentiation Is Determined by C/EBP β Structure and Post-Translational Modifications. <i>PLoS ONE</i> , 2013, 8, e65169.	1.1	21
30	Tal1 regulates osteoclast differentiation through suppression of the master regulator of cell fusion <i>DC-STAMP</i> . <i>FASEB Journal</i> , 2012, 26, 523-532.	0.2	39
31	A TORway to osteolytic disease. <i>Cell Cycle</i> , 2012, 11, 637-638.	1.3	1
32	Instruction of mesenchymal cell fate by the transcription factor C/EBP β . <i>Gene</i> , 2012, 497, 10-17.	1.0	32
33	Rapamycin inhibits osteoclast formation in giant cell tumor of bone through the C/EBP β - MafB axis. <i>Journal of Molecular Medicine</i> , 2012, 90, 25-30.	1.7	28
34	Regulation of Adipocyte 11 β -Hydroxysteroid Dehydrogenase Type 1 (11 β -HSD1) by CCAAT/Enhancer-Binding Protein (C/EBP) β Isoforms, LIP and LAP. <i>PLoS ONE</i> , 2012, 7, e37953.	1.1	22
35	Eukaryotic initiation factor 2 \hat{A} phosphorylation is required for B-cell maturation and function in mice. <i>Haematologica</i> , 2011, 96, 1261-1268.	1.7	5
36	A differential proteome screening system for post-translational modification-dependent transcription factor interactions. <i>Nature Protocols</i> , 2011, 6, 359-364.	5.5	13

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37	Crosstalk between phosphorylation and multi-site arginine/lysine methylation in C/EBPs. <i>Transcription</i> , 2011, 2, 3-8.	1.7	26
38	Rapid and Efficient Mobilization of Murine Hematopoietic Stem and Progenitor Cells with Nox-A12, a New Spiegelmers [®] -Based CXCR4/SDF-1(CXCL12) Antagonist. <i>Blood</i> , 2011, 118, 2995-2995.	0.6	1
39	Rapamycin and the transcription factor C/EBP β as a switch in osteoclast differentiation: implications for lytic bone diseases. <i>Journal of Molecular Medicine</i> , 2010, 88, 227-233.	1.7	35
40	Upstream open reading frames: Molecular switches in (patho)physiology. <i>BioEssays</i> , 2010, 32, 885-893.	1.2	145
41	Crosstalk between C/EBP β phosphorylation, arginine methylation, and SWI/SNF/Mediator implies an indexing transcription factor code. <i>EMBO Journal</i> , 2010, 29, 1105-1115.	3.5	90
42	Targets of the Tal1 Transcription Factor in Erythrocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 5338-5346.	1.6	16
43	C/EBP β ^{uORF} mice a genetic model for uORF-mediated translational control in mammals. <i>Genes and Development</i> , 2010, 24, 15-20.	2.7	83
44	Repression of Transcriptional Activity of C/EBP β by E2F-Dimerization Partner Complexes. <i>Molecular and Cellular Biology</i> , 2010, 30, 2293-2304.	1.1	28
45	Transcription factor C/EBP β isoform ratio regulates osteoclastogenesis through MafB. <i>EMBO Journal</i> , 2009, 28, 1769-1781.	3.5	111
46	DNA methylation protects hematopoietic stem cell multipotency from myeloerythroid restriction. <i>Nature Genetics</i> , 2009, 41, 1207-1215.	9.4	412
47	Transcription factor CCAAT/enhancer binding protein (C/EBP) beta regulates osteoclastogenesis through MafB. <i>Bone</i> , 2009, 44, S246.	1.4	0
48	G9a-mediated Lysine Methylation Alters the Function of CCAAT/Enhancer-binding Protein- β . <i>Journal of Biological Chemistry</i> , 2008, 283, 26357-26363.	1.6	92
49	Early patterning of the chorion leads to the trilaminar trophoblast cell structure in the placental labyrinth. <i>Development (Cambridge)</i> , 2008, 135, 2083-2091.	1.2	207
50	Long-term, multilineage hematopoiesis occurs in the combined absence of β -catenin and γ -catenin. <i>Blood</i> , 2008, 111, 142-149.	0.6	199
51	The c-Myb functions as a downstream target of PDGF-mediated survival signal in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 433-436.	1.0	17
52	A translation control reporter system (TCRS) for the analysis of translationally controlled processes in the vertebrate cell. <i>Nucleic Acids Research</i> , 2006, 34, e23-e23.	6.5	13
53	Lymphoid cell growth and transformation are suppressed by a key regulatory element of the gene encoding PU.1. <i>Nature Genetics</i> , 2006, 38, 27-37.	9.4	200
54	Hematopoietic stem cell and multilineage defects generated by constitutive β -catenin activation. <i>Nature Immunology</i> , 2006, 7, 1037-1047.	7.0	370

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55	Analysis of translation initiation using a translation control reporter system. <i>Nature Protocols</i> , 2006, 1, 1531-1537.	5.5	11
56	A rapamycin derivative (everolimus) controls proliferation through down-regulation of truncated CCAAT enhancer binding protein $\hat{1}^2$ and NF- $\hat{1}^{\text{B}}$ activity in Hodgkin and anaplastic large cell lymphomas. <i>Blood</i> , 2005, 106, 1801-1807.	0.6	139
57	Histone H3 tail positioning and acetylation by the c-Myb but not the v-Myb DNA-binding SANT domain. <i>Genes and Development</i> , 2005, 19, 2447-2457.	2.7	58
58	Essential Requirement of CCAAT/Enhancer Binding Proteins in Embryogenesis. <i>Molecular and Cellular Biology</i> , 2004, 24, 9744-9751.	1.1	63
59	The CCAAT Enhancer-binding Protein $\hat{1}\pm$ (C/EBP $\hat{1}\pm$) Requires a SWI/SNF Complex for Proliferation Arrest. <i>Journal of Biological Chemistry</i> , 2004, 279, 7353-7358.	1.6	78
60	A Unified Nomenclature for Protein Subunits of Mediator Complexes Linking Transcriptional Regulators to RNA Polymerase II. <i>Molecular Cell</i> , 2004, 14, 553-557.	4.5	230
61	Ras Induces Mediator Complex Exchange on C/EBP $\hat{1}^2$. <i>Molecular Cell</i> , 2004, 13, 241-250.	4.5	149
62	Myb Partnerships. , 2004, , 239-256.		0
63	Distinct changes in gene expression induced by A-Myb, B-Myb and c-Myb proteins. <i>Oncogene</i> , 2003, 22, 308-313.	2.6	89
64	Phosphorylation-dependent Down-regulation of c-Myb DNA Binding Is Abrogated by a Point Mutation in the v-mybOncogene. <i>Journal of Biological Chemistry</i> , 2003, 278, 3816-3824.	1.6	20
65	Translational control of SCL-isoform expression in hematopoietic lineage choice. <i>Genes and Development</i> , 2003, 17, 959-964.	2.7	63
66	The Conserved Mynd Domain of BS69 Binds Cellular and Oncoviral Proteins through a Common PXLXP Motif. <i>Journal of Biological Chemistry</i> , 2002, 277, 4906-4910.	1.6	84
67	The LIM domain protein Lmo2 binds to AF6, a translocation partner of the MLL oncogene. <i>FEBS Letters</i> , 2002, 521, 36-38.	1.3	13
68	Translational control of gene expression and disease. <i>Trends in Molecular Medicine</i> , 2002, 8, 577-583.	3.5	82
69	Chromatin remodeling in development and differentiation. <i>Current Opinion in Genetics and Development</i> , 2001, 11, 167-174.	1.5	116
70	Adenovirus-mediated gene transfer as a tool to study angiogenesis in the chick embryo. <i>Development Genes and Evolution</i> , 2001, 211, 611-616.	0.4	3
71	Tumorigenic N-terminal deletions of c-Myb modulate DNA binding, transactivation, and cooperativity with C/EBP. <i>Oncogene</i> , 2001, 20, 7420-7424.	2.6	7
72	Activation of the Notch-regulated transcription factor CBF1/RBP- $\hat{1}$ through the 13SE1A oncoprotein. <i>Genes and Development</i> , 2001, 15, 380-385.	2.7	29

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73	Cooperation between C/EBPalpha TBP/TFIIB and SWI/SNF recruiting domains is required for adipocyte differentiation. <i>Genes and Development</i> , 2001, 15, 3208-3216.	2.7	167
74	Translational control of C/EBP β and C/EBP δ isoform expression. <i>Genes and Development</i> , 2000, 14, 1920-1932.	2.7	369
75	Translational control of C/EBPalpha and C/EBPbeta isoform expression. <i>Genes and Development</i> , 2000, 14, 1920-32.	2.7	373
76	<i>Chlamydia pneumoniae</i> Infection of Vascular Smooth Muscle and Endothelial Cells Activates NF- κ B and Induces Tissue Factor and PAI-1 Expression. <i>Circulation</i> , 1999, 100, 1369-1373.	1.6	236
77	Separation of C/EBP β -mediated proliferation arrest and differentiation pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 7276-7281.	3.3	51
78	The Bcl-3 oncoprotein acts as a bridging factor between NF- κ B/Rel and nuclear co-regulators. <i>Oncogene</i> , 1999, 18, 3316-3323.	2.6	293
79	A C/EBP δ Isoform Recruits the SWI/SNF Complex to Activate Myeloid Genes. <i>Molecular Cell</i> , 1999, 4, 735-743.	4.5	293
80	Expression of the homeobox gene GBX2 during chicken development. <i>Mechanisms of Development</i> , 1998, 76, 151-155.	1.7	45
81	Corepressor SMRT binds the BTB/POZ repressing domain of the LAZ3/BCL6 oncoprotein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10762-10767.	3.3	325
82	The Homeobox Gene GBX2, a Target of the myb Oncogene, Mediates Autocrine Growth and Monocyte Differentiation. <i>Cell</i> , 1997, 91, 185-195.	13.5	93
83	Cloning of two novel human importin- β subunits and analysis of the expression pattern of the importin- β protein family. <i>FEBS Letters</i> , 1997, 417, 104-108.	1.3	213
84	B-Myb, a repressed trans -activating protein. <i>Journal of Molecular Medicine</i> , 1997, 75, 815-819.	1.7	33
85	Tumor necrosis factor receptor-associated factor (TRAF)-1, TRAF-2, and TRAF-3 interact in vivo with the CD30 cytoplasmic domain; TRAF-2 mediates CD30-induced nuclear factor kappa B activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 14053-14058.	3.3	71
86	NF-M (chicken C/EBP beta) induces eosinophilic differentiation and apoptosis in a hematopoietic progenitor cell line.. <i>EMBO Journal</i> , 1995, 14, 6127-6135.	3.5	87
87	Gene Regulation by NF-M and Myb during Differentiation and Leukemic Transformation. <i>Immunobiology</i> , 1995, 193, 356-362.	0.8	4
88	The BTB/POZ domain targets the LAZ3/BCL6 oncoprotein to nuclear dots and mediates homomerisation in vivo. <i>Oncogene</i> , 1995, 11, 2689-97.	2.6	104
89	Novel mechanism of C/EBP beta (NF-M) transcriptional control: activation through derepression.. <i>Genes and Development</i> , 1994, 8, 2781-2791.	2.7	211
90	Recombinant Murine Erythropoietin Receptor Expressed in Avian Erythroid Progenitors Mediates Terminal Erythroid Differentiation <i>In Vitro</i> . <i>Growth Factors</i> , 1994, 10, 1-16.	0.5	30

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91	C/EBP beta regulation of the tumor necrosis factor alpha gene.. Journal of Clinical Investigation, 1994, 94, 1449-1455.	3.9	163
92	Essential role of c-myc in ara-C-induced differentiation of human erythroleukemia cells. Leukemia, 1994, 8, 1309-17.	3.3	13
93	Myb and NF-M: combinatorial activators of myeloid genes in heterologous cell types.. Genes and Development, 1993, 7, 749-759.	2.7	274
94	The NF-M transcription factor is related to C/EBP beta and plays a role in signal transduction, differentiation and leukemogenesis of avian myelomonocytic cells.. EMBO Journal, 1993, 12, 1321-1332.	3.5	175
95	The NF-M transcription factor is related to C/EBP beta and plays a role in signal transduction, differentiation and leukemogenesis of avian myelomonocytic cells. EMBO Journal, 1993, 12, 1321-32.	3.5	86
96	Structure of the chicken myelomonocytic growth factor gene and specific activation of its promoter in avian myelomonocytic cells by protein kinases.. Molecular and Cellular Biology, 1992, 12, 1728-1735.	1.1	33
97	Autocrine growth induced by kinase type oncogenes in myeloid cells requires AP-1 and NF-M, a myeloid specific, C/EBP-like factor.. EMBO Journal, 1992, 11, 115-126.	3.5	87
98	Kinase induced autocrine growth stimulation in transformed myelomonocytic cells: role of the C/EBP related transcription factor NF-M in cMGF gene transcription. Fresenius' Journal of Analytical Chemistry, 1992, 343, 13-13.	1.5	0
99	Autocrine growth induced by kinase type oncogenes in myeloid cells requires AP-1 and NF-M, a myeloid specific, C/EBP-like factor. EMBO Journal, 1992, 11, 115-26.	3.5	48
100	Constitutive monocyte-restricted activity of NF-M, a nuclear factor that binds to a C/EBP motif. Journal of Immunology, 1992, 149, 237-43.	0.4	29
101	Activation of cMGF expression is a critical step in avian myeloid leukemogenesis.. EMBO Journal, 1991, 10, 837-844.	3.5	36
102	Molecular cloning of the chicken myelomonocytic growth factor (cMGF) reveals relationship to interleukin 6 and granulocyte colony stimulating factor.. EMBO Journal, 1989, 8, 175-181.	3.5	126
103	DNA-binding domain ancestry. Nature, 1989, 342, 134-134.	13.7	85
104	Molecular cloning of the chicken myelomonocytic growth factor (cMGF) reveals relationship to interleukin 6 and granulocyte colony stimulating factor. EMBO Journal, 1989, 8, 175-81.	3.5	35
105	v-erbA specifically suppresses transcription of the avian erythrocyte anion transporter (Band 3) gene. Cell, 1988, 52, 107-119.	13.5	168
106	Hematopoietic growth factor glycosylation. Multiple forms of chicken myelomonocytic growth factor. Journal of Biological Chemistry, 1988, 263, 3905-11.	1.6	22
107	Constitutive apical secretion of an 80-kD sulfated glycoprotein complex in the polarized epithelial Madin-Darby canine kidney cell line.. Journal of Cell Biology, 1987, 105, 2735-2743.	2.3	199
108	ts-Oncogene-Transformed Erythroleukemic Cells: A Novel Test System for Purifying and Characterizing Avian Erythroid Growth Factors. Hamatologie Und Bluttransfusion, 1987, 31, 199-209.	0.0	26

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109	v-mil induces autocrine growth and enhanced tumorigenicity in v-myc-transformed avian macrophages. <i>Cell</i> , 1986, 45, 357-364.	13.5	114
110	The c-erb-A protein is a high-affinity receptor for thyroid hormone. <i>Nature</i> , 1986, 324, 635-640.	13.7	1,388
111	Individual and Combined Effects of Viral Oncogenes in Hematopoietic Cells. , 1986, , 312-319.		1
112	Purification and characterization of cMGF, a novel chicken myelomonocytic growth factor.. <i>EMBO Journal</i> , 1984, 3, 3191-3197.	3.5	128
113	Autocrine growth induced by src-related oncogenes in transformed chicken myeloid cells. <i>Cell</i> , 1984, 39, 439-445.	13.5	175
114	Ts mutants of E26 leukemia virus allow transformed myeloblasts, but not erythroblasts or fibroblasts to differentiate at the nonpermissive temperature. <i>Cell</i> , 1984, 39, 579-588.	13.5	139
115	Purification and characterization of cMGF, a novel chicken myelomonocytic growth factor. <i>EMBO Journal</i> , 1984, 3, 3191-7.	3.5	43
116	Cultivation of immature astrocytes of mouse cerebellum in a serum-free, hormonally defined medium. Appearance of the mature astrocytic phenotype after addition of serum. <i>Neuroscience Letters</i> , 1982, 29, 297-302.	1.0	64
117	Cell type-specificity of epidermal growth factor (EGF) binding in primary cultures of early postnatal mouse cerebellum. <i>Neuroscience Letters</i> , 1982, 30, 179-182.	1.0	33
118	Epidermal growth factor stimulates DNA-synthesis of astrocytes in primary cerebellar cultures. <i>Cell and Tissue Research</i> , 1981, 220, 393-404.	1.5	189
119	Tongue immune compartment analysis reveals spatial macrophage heterogeneity. <i>ELife</i> , 0, 11, .	2.8	6