Lothar Hennighausen

List of Publications by Year
in descending order

288 papers	30,770 citations	3874 91 h-index	6177 164 g-index
309 all docs	309 docs citations	309 times ranked	30924 citing authors

#	Article	IF	Citations
1	Immune transcriptome analysis of COVID-19 patients infected with SARS-CoV-2 variants carrying the E484K escape mutation identifies a distinct gene module. Scientific Reports, 2022, 12, 2784.	1.6	15
2	BNT162b2 vaccination enhances interferon-JAK-STAT-regulated antiviral programs in COVID-19 patients infected with the SARS-CoV-2 Beta variant. Communications Medicine, 2022, 2, .	1.9	18
3	mRNA vaccination in octogenarians 15 and 20Âmonths after recovery from COVID-19 elicits robust immune and antibody responses that include Omicron. Cell Reports, 2022, 39, 110680.	2.9	21
4	Heterologous ChAdOx1-BNT162b2 vaccination in Korean cohort induces robust immune and antibody responses that includes Omicron. IScience, 2022, 25, 104473.	1.9	19
5	Deficiency of Stat1 in CD11c+ Cells Alters Adipose Tissue Inflammation and Improves Metabolic Dysfunctions in Mice Fed a High-Fat Diet. Diabetes, 2021, 70, 720-732.	0.3	10
6	Immune transcriptomes of highly exposed SARS-CoV-2 asymptomatic seropositive versus seronegative individuals from the Ischgl community. Scientific Reports, 2021, 11, 4243.	1.6	19
7	Redundant and non-redundant cytokine-activated enhancers control Csn1s2b expression in the lactating mouse mammary gland. Nature Communications, 2021, 12, 2239.	5.8	9
8	JAK inhibitors dampen activation of interferon-stimulated transcription of ACE2 isoforms in human airway epithelial cells. Communications Biology, 2021, 4, 654.	2.0	18
9	JAK inhibitors dampen activation of interferon-activated transcriptomes and the SARS-CoV-2 receptor ACE2 in human renal proximal tubules. IScience, 2021, 24, 102928.	1.9	4
10	Activation of the SARS-CoV-2 Receptor Ace2 through JAK/STAT-Dependent Enhancers during Pregnancy. Cell Reports, 2020, 32, 108199.	2.9	21
11	Sex-biased genetic programs in liver metabolism and liver fibrosis are controlled by EZH1 and EZH2. PLoS Genetics, 2020, 16, e1008796.	1.5	42
12	Enhancer and super-enhancer dynamics in repair after ischemic acute kidney injury. Nature Communications, 2020, 11, 3383.	5.8	61
13	Cytosine base editor 4 but not adenine base editor generates off-target mutations in mouse embryos. Communications Biology, 2020, 3, 19.	2.0	41
14	The interdependence of mammary-specific super-enhancers and their native promoters facilitates gene activation during pregnancy. Experimental and Molecular Medicine, 2020, 52, 682-690.	3.2	2
15	Activation of the SARS-CoV-2 Receptor <i>Ace2</i> by Cytokines Through Pan JAK-STAT Enhancers. SSRN Electronic Journal, 2020, , 3601827.	0.4	5
16	Sex-biased genetic programs in liver metabolism and liver fibrosis are controlled by EZH1 and EZH2. , 2020, 16, e1008796.		0
17	Sex-biased genetic programs in liver metabolism and liver fibrosis are controlled by EZH1 and EZH2. , 2020, 16, e1008796.		0
18	Sex-biased genetic programs in liver metabolism and liver fibrosis are controlled by EZH1 and EZH2. , 2020, 16, e1008796.		0

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19	Sex-biased genetic programs in liver metabolism and liver fibrosis are controlled by EZH1 and EZH2. , 2020, 16, e1008796.		0
20	Twins with different personalities: STAT5Bâ€"but not STAT5Aâ€"has a key role in BCR/ABL-induced leukemia. Leukemia, 2019, 33, 1583-1597.	3.3	40
21	Simultaneous targeting of linked loci in mouse embryos using base editing. Scientific Reports, 2019, 9, 1662.	1.6	12
22	STAT5-Driven Enhancers Tightly Control Temporal Expression of Mammary-Specific Genes. Journal of Mammary Gland Biology and Neoplasia, 2019, 24, 61-71.	1.0	20
23	Dissecting Tissue-Specific Super-Enhancers by Integrating Genome-Wide Analyses and CRISPR/Cas9 Genome Editing. Journal of Mammary Gland Biology and Neoplasia, 2019, 24, 47-59.	1.0	11
24	Octopus-toolkit: a workflow to automate mining of public epigenomic and transcriptomic next-generation sequencing data. Nucleic Acids Research, 2018, 46, e53-e53.	6.5	61
25	FP204BET FAMILY MEMBER BRD4 DEPENDENT ENHANCER AND SUPER-ENHANCER DYNAMICS PROMOTE KIDNEY REPAIR AND PROGRESSION TO FIBROSIS. Nephrology Dialysis Transplantation, 2018, 33, i100-i100.	0.4	0
26	Targeting fidelity of adenine and cytosine base editors in mouse embryos. Nature Communications, 2018, 9, 4804.	5.8	72
27	Progressing super-enhancer landscape during mammary differentiation controls tissue-specific gene regulation. Nucleic Acids Research, 2018, 46, 10796-10809.	6.5	19
28	Mutation frequency is not increased in CRISPRâ€"Cas9-edited mice. Nature Methods, 2018, 15, 756-758.	9.0	38
29	Muscle-specific deletion of signal transducer and activator of transcription 5 augments lipid accumulation in skeletal muscle and liver of mice in response to high-fat diet. European Journal of Nutrition, 2017, 56, 569-579.	1.8	13
30	Functional assessment of CTCF sites at cytokine-sensing mammary enhancers using CRISPR/Cas9 gene editing in mice. Nucleic Acids Research, 2017, 45, 4606-4618.	6.5	19
31	CRISPR/Cas9 targeting events cause complex deletions and insertions at 17 sites in the mouse genome. Nature Communications, 2017, 8, 15464.	5.8	250
32	Subset- and tissue-defined STAT5 thresholds control homeostasis and function of innate lymphoid cells. Journal of Experimental Medicine, 2017, 214, 2999-3014.	4.2	85
33	Signal transducer and activator of transcription 5 plays a crucial role in hepatic lipid metabolism through regulation of CD36 expression. Hepatology Research, 2017, 47, 813-825.	1.8	34
34	Genome-wide regulation of electro-acupuncture on the neural Stat5-loss-induced obese mice. PLoS ONE, 2017, 12, e0181948.	1.1	17
35	Hierarchy within the mammary STAT5-driven Wap super-enhancer. Nature Genetics, 2016, 48, 904-911.	9.4	228
36	Lineage-Specific and Non-specific Cytokine-Sensing Genes Respond Differentially to the Master Regulator STAT5. Cell Reports, 2016, 17, 3333-3346.	2.9	14

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37	Lineage-specific STAT5 target gene activation in hematopoietic progenitor cells predicts the FLT3+-mediated leukemic phenotype. Leukemia, 2016, 30, 1725-1733.	3.3	15
38	Janus Kinase 1 Is Essential for Inflammatory Cytokine Signaling and Mammary Gland Remodeling. Molecular and Cellular Biology, 2016, 36, 1673-1690.	1.1	24
39	Differential cytokine sensitivities of STAT5-dependent enhancers rely onStat5autoregulation. Nucleic Acids Research, 2016, 44, gkw844.	6.5	21
40	STAT1 Signaling in Astrocytes Is Essential for Control of Infection in the Central Nervous System. MBio, 2016, 7, .	1.8	57
41	STAT5 is a key transcription factor for IL-3-mediated inhibition of RANKL-induced osteoclastogenesis. Scientific Reports, 2016, 6, 30977.	1.6	25
42	Primary cancer cell culture: mammary-optimized vs conditional reprogramming. Endocrine-Related Cancer, 2016, 23, 535-554.	1.6	16
43	Histone Demethylase KDM6A Controls the Mammary Luminal Lineage through Enzyme-Independent Mechanisms. Molecular and Cellular Biology, 2016, 36, 2108-2120.	1.1	25
44	The BH3-only protein BIM contributes to late-stage involution in the mouse mammary gland. Cell Death and Differentiation, 2016, 23, 41-51.	5.0	16
45	An autoregulatory enhancer controls mammary-specific STAT5 functions. Nucleic Acids Research, 2016, 44, 1052-1063.	6.5	44
46	Signal transducer and activator of transcription 5 (STAT5) paralog dose governs T cell effector and regulatory functions. ELife, 2016, 5, .	2.8	74
47	The methyltransferase EZH2 is not required for mammary cancer development, although high EZH2 and low H3K27me3 correlate with poor prognosis of ERâ€positive breast cancers. Molecular Carcinogenesis, 2015, 54, 1172-1180.	1.3	52
48	STAT5-regulated microRNA-193b controls haematopoietic stem and progenitor cell expansion by modulating cytokine receptor signalling. Nature Communications, 2015, 6, 8928.	5.8	47
49	Comparison of tamoxifen and letrozole response in mammary preneoplasia of ER and aromatase overexpressing mice defines an immune-associated gene signature linked to tamoxifen resistance. Carcinogenesis, 2015, 36, 122-132.	1.3	16
50	The methyltransferases enhancer of zeste homolog (EZH) 1 and EZH2 control hepatocyte homeostasis and regeneration. FASEB Journal, 2015, 29, 1653-1662.	0.2	45
51	Neuronal STAT5 signaling is required for maintaining lactation but not for postpartum maternal behaviors in mice. Hormones and Behavior, 2015, 71, 60-68.	1.0	28
52	Genome-wide target site triplication of Alu elements in the human genome. Gene, 2015, 561, 283-291.	1.0	5
53	Loss of EZH2 results in precocious mammary gland development and activation of STAT5-dependent genes. Nucleic Acids Research, 2015, 43, 8774-8789.	6.5	38
54	ID: 251. Cytokine, 2015, 76, 65.	1.4	0

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55	STAT5-regulated microrna-193B controls hematopoietic stem cell expansion and leukemogenesis by modulating cytokine receptor signaling. Experimental Hematology, 2015, 43, S91.	0.2	0
56	Bone resorption is regulated by cell-autonomous negative feedback loop of Stat5â€“Dusp axis in the osteoclast. Journal of Experimental Medicine, 2014, 211, 153-163.	4.2	24
57	Trp63 is regulated by STAT5 in mammary tissue and subject to differentiation in cancer. Endocrine-Related Cancer, 2014, 21, 443-457.	1.6	11
58	Absence of STAT1 in donor-derived plasmacytoid dendritic cells results in increased STAT3 and attenuates murine GVHD. Blood, 2014, 124, 1976-1986.	0.6	18
59	Coregulation of Genetic Programs by the Transcription Factors NFIB and STAT5. Molecular Endocrinology, 2014, 28, 758-767.	3.7	16
60	Mammary-Specific Gene Activation Is Defined by Progressive Recruitment of STAT5 during Pregnancy and the Establishment of H3K4me3 Marks. Molecular and Cellular Biology, 2014, 34, 464-473.	1.1	30
61	The STAT5-regulated miR-193b locus restrains mammary stem and progenitor cell activity and alveolar differentiation. Developmental Biology, 2014, 395, 245-254.	0.9	18
62	Cytokine-Regulated GADD45G Induces Differentiation and Lineage Selection in Hematopoietic Stem Cells. Stem Cell Reports, 2014, 3, 34-43.	2.3	40
63	Canonical and non-canonical roles of the histone methyltransferase EZH2 in mammary development and cancer. Molecular and Cellular Endocrinology, 2014, 382, 593-597.	1.6	28
64	MiR-21 Is under Control of STAT5 but Is Dispensable for Mammary Development and Lactation. PLoS ONE, 2014, 9, e85123.	1.1	18
65	STAT5-Regulated miRNA193b Controls Hematopoietic Stem and Progenitor Cell Expansion By Fine Tuning Cytokine Signaling. Blood, 2014, 124, 4326-4326.	0.6	0
66	STAT5 Is Crucial to Maintain Leukemic Stem Cells in Acute Myelogenous Leukemias Induced by MOZ-TIF2. Cancer Research, 2013, 73, 373-384.	0.4	30
67	Comprehensive meta-analysis of Signal Transducers and Activators of Transcription (STAT) genomic binding patterns discerns cell-specific cis-regulatory modules. BMC Genomics, 2013, 14, 4.	1.2	67
68	The transcription factor STAT5 is critical in dendritic cells for the development of TH2 but not TH1 responses. Nature Immunology, 2013, 14, 364-371.	7.0	163
69	Sequential activation of genetic programs in mouse mammary epithelium during pregnancy depends on STAT5A/B concentration. Nucleic Acids Research, 2013, 41, 1622-1636.	6.5	72
70	<i>MiR-193b</i>and<i>miR-365-1</i>are not required for the development and function of brown fat in the mouse. RNA Biology, 2013, 10, 1807-1814.	1.5	32
71	Genome-wide analyses reveal the extent of opportunistic STAT5 binding that does not yield transcriptional activation of neighboring genes. Nucleic Acids Research, 2012, 40, 4461-4472.	6.5	38
72	Induction of Alternatively Activated Macrophages Enhances Pathogenesis during Severe Acute Respiratory Syndrome Coronavirus Infection. Journal of Virology, 2012, 86, 13334-13349.	1.5	88

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73	The versatile regulation of cellular events by Jak-Stat signaling: from transcriptional control to microtubule dynamics and energy metabolism. Hormone Molecular Biology and Clinical Investigation, 2012, 10, 193-200.	0.3	11
74	Cytokine receptors and their Stat-mediated mechanisms of action. Hormone Molecular Biology and Clinical Investigation, 2012, 10, 191.	0.3	1
75	Genomic and bioinformatics tools to understand the biology of signal transducers and activators of transcription. Hormone Molecular Biology and Clinical Investigation, 2012, 10, 207-10.	0.3	0
76	Essential role for Stat5a/b in myeloproliferative neoplasms induced by BCR-ABL1 and JAK2V617F in mice. Blood, 2012, 119, 3550-3560.	0.6	149
77	The liver-specific tumor suppressor STAT5 controls expression of the reactive oxygen species-generating enzyme NOX4 and the proapoptotic proteins PUMA and BIM in mice. Hepatology, 2012, 56, 2375-2386.	3.6	44
78	Metformin Inhibits Growth Hormoneâ€"Mediated Hepatic <i>PDK4</i> Gene Expression Through Induction of Orphan Nuclear Receptor Small Heterodimer Partner. Diabetes, 2012, 61, 2484-2494.	0.3	26
79	EZH2 Methyltransferase and H3K27 Methylation in Breast Cancer. International Journal of Biological Sciences, 2012, 8, 59-65.	2.6	208
80	The <i>miRâ€•17/92</i> cluster is targeted by STAT5 but dispensable for mammary development. Genesis, 2012, 50, 665-671.	0.8	25
81	Suppression of signal transducers and activators of transcription 1 in hepatocellular carcinoma is associated with tumor progression. International Journal of Cancer, 2012, 131, 2774-2784.	2.3	20
82	The Role of STAT5 in FLT3-Mediated Leukemogenesis. Blood, 2012, 120, 771-771.	0.6	0
83	Cooperation Between Aid and the Rag1/Rag2 V(D)J Recombinase Drives Clonal Evolution of Childhood Acute Lymphoblastic Leukemia. Blood, 2012, 120, 519-519.	0.6	2
84	Direct activation of STAT5 by ETV6â€•LYN fusion protein promotes induction of myeloproliferative neoplasm with myelofibrosis. British Journal of Haematology, 2011, 153, 589-598.	1.2	18
85	Growth hormoneâ€"STAT5 regulation of growth, hepatocellular carcinoma, and liver metabolism. Annals of the New York Academy of Sciences, 2011, 1229, 29-37.	1.8	96
86	MMTV-Cre transgenes can adversely affect lactation: Considerations for conditional gene deletion in mammary tissue. Analytical Biochemistry, 2011, 412, 92-95.	1.1	18
87	Context-Specific Growth Hormone Signaling through the Transcription Factor STAT5: Implications for the Etiology of Hepatosteatosis and Hepatocellular Carcinoma. Genes and Cancer, 2011, 2, 3-9.	0.6	6
88	Stat5 is indispensable for the maintenance of <i>bcr/abl</i> â€•positive leukaemia. EMBO Molecular Medicine, 2010, 2, 98-110.	3.3	206
89	The transcription factors signal transducer and activator of transcription 5A (STAT5A) and STAT5B negatively regulate cell proliferation through the activation of cyclin-dependent kinase inhibitor 2b (Cdkn2b) and Cdkn1a expression. Hepatology, 2010, 52, 1808-1818.	3.6	39
90	Signaling by intrathymic cytokines, not T cell antigen receptors, specifies CD8 lineage choice and promotes the differentiation of cytotoxic-lineage T cells. Nature Immunology, 2010, 11, 257-264.	7.0	1,811

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91	The Gene Encoding the Hematopoietic Stem Cell Regulator CCN3/NOV Is under Direct Cytokine Control through the Transcription Factors STAT5A/B*. Journal of Biological Chemistry, 2010, 285, 32704-32709.	1.6	13
92	Loss of STAT1 from Mouse Mammary Epithelium Results in an Increased Neu-Induced Tumor Burden. Neoplasia, 2010, 12, 899-905.	2.3	89
93	IL7RÎ± Signaling Prevents Premature Expression of AID In Human Pre-B Cells: Implications for Clonal Evolution of Childhood Leukemia. Blood, 2010, 116, 26-26.	0.6	7
94	Genetic Ablation of Bcl-x Attenuates Invasiveness without Affecting Apoptosis or Tumor Growth in a Mouse Model of Pancreatic Neuroendocrine Cancer. PLoS ONE, 2009, 4, e4455.	1.1	18
95	Development of mammary luminal progenitor cells is controlled by the transcription factor STAT5A. Genes and Development, 2009, 23, 2382-2387.	2.7	123
96	Loss of STAT5 causes liver fibrosis and cancer development through increased TGF-Î² and STAT3 activation. Journal of Experimental Medicine, 2009, 206, 819-831.	4.2	115
97	Tumor Suppression by Phospholipase C-Î²3 via SHP-1-Mediated Dephosphorylation of Stat5. Cancer Cell, 2009, 16, 161-171.	7.7	86
98	Mcl-1 and Bcl-xL cooperatively maintain integrity of hepatocytes in developing and adult murine liver. Hepatology, 2009, 50, 1217-1226.	3.6	106
99	BH3-only protein bid participates in the Bcl-2 network in healthy liver cells. Hepatology, 2009, 50, 1972-1980.	3.6	23
100	Interleukin 7 signaling in dendritic cells regulates the homeostatic proliferation and niche size of CD4+ T cells. Nature Immunology, 2009, 10, 149-157.	7.0	196
101	Skeletal muscle growth and fiber composition in mice are regulated through the transcription factors STAT5a/b: linkinggrowth hormone to the androgen receptor. FASEB Journal, 2009, 23, 3140-3148.	0.2	54
102	The transcription factors STAT5A/B regulate GM-CSFâ€"mediated granulopoiesis. Blood, 2009, 114, 4721-4728.	0.6	58
103	The antiapoptotic protein Bcl-xL negatively regulates the bone-resorbing activity of osteoclasts in mice. Journal of Clinical Investigation, 2009, 119, 3149-59.	3.9	38
104	Essential Role for Stat5a/b in Myeloproliferative Neoplasms Induced by BCR-ABL1 and Jak2 V617F.. Blood, 2009, 114, 312-312.	0.6	0
105	Stat5 Is Essential for BCR-ABL-Transformed Chronic Myeloid Leukemia (CML) Associated with Increased CCN3 Gene Expression.. Blood, 2009, 114, 3271-3271.	0.6	0
106	Essential role for Stat5 in the neurotrophic but not in the neuroprotective effect of erythropoietin. Cell Death and Differentiation, 2008, 15, 783-792.	5.0	88
107	SOCS3 Negatively Regulates the gp130â€"STAT3 Pathway in Mouse Skin Wound Healing. Journal of Investigative Dermatology, 2008, 128, 1821-1829.	0.3	46
108	Pivotal Role of Bcl-2 Family Proteins in the Regulation of Chondrocyte Apoptosis. Journal of Biological Chemistry, 2008, 283, 26499-26508.	1.6	34

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109	Genomic dissection of the cytokine-controlled STAT5 signaling network in liver. Physiological Genomics, 2008, 34, 135-143.	1.0	24
110	Interpretation of cytokine signaling through the transcription factors STAT5A and STAT5B. Genes and Development, 2008, 22, 711-721.	2.7	301
111	Hematopoietic-specific Stat5-null mice display microcytic hypochromic anemia associated with reduced transferrin receptor gene expression. Blood, 2008, 112, 2071-2080.	0.6	93
112	Loss of Cytokine-STAT5 Signaling in the CNS and Pituitary Gland Alters Energy Balance and Leads to Obesity. PLoS ONE, 2008, 3, e1639.	1.1	75
113	Csf3r mutations in mice confer a strong clonal HSC advantage via activation of Stat5. Journal of Clinical Investigation, 2008, 118, 946-55.	3.9	73
114	GM-CSF Controls Proliferation and Survival of the Granulocyte Lineage through the Transcription Factors STAT5A/B.. Blood, 2008, 112, 1272-1272.	0.6	0
115	Stat5 Is Essential for Early B Cell Development but Not for B Cell Maturation and Function. Journal of Immunology, 2007, 179, 1068-1079.	0.4	60
116	Loss of Sexually Dimorphic Liver Gene Expression upon Hepatocyte-Specific Deletion of Stat5a-Stat5b Locus. Endocrinology, 2007, 148, 1977-1986.	1.4	97
117	Direct glucocorticoid receptor-Stat5 interaction in hepatocytes controls body size and maturation-related gene expression. Genes and Development, 2007, 21, 1157-1162.	2.7	99
118	Helper T cell IL-2 production is limited by negative feedback and STAT-dependent cytokine signals. Journal of Experimental Medicine, 2007, 204, 65-71.	4.2	112
119	Myeloproliferative disease induced by TEL-PDGFRB displays dynamic range sensitivity to Stat5 gene dosage. Blood, 2007, 109, 3906-3914.	0.6	48
120	Nonredundant roles for Stat5a/b in directly regulating Foxp3. Blood, 2007, 109, 4368-4375.	0.6	488
121	Interleukin-2 Signaling via STAT5 Constrains T Helper 17 Cell Generation. Immunity, 2007, 26, 371-381.	6.6	1,317
122	SOCS3 Protein Developmentally Regulates the Chemokine Receptor CXCR4-FAK Signaling Pathway during B Lymphopoiesis. Immunity, 2007, 27, 811-823.	6.6	49
123	Postnatal Body Growth Is Dependent on the Transcription Factors Signal Transducers and Activators of Transcription 5a/b in Muscle: A Role for Autocrine/Paracrine Insulin-Like Growth Factor I. Endocrinology, 2007, 148, 1489-1497.	1.4	91
124	Socs 3 modulates the activity of the transcription factor Stat3 in mammary tissue and controls alveolar homeostasis. Developmental Dynamics, 2007, 236, 654-661.	0.8	21
125	Loss of signal transducer and activator of transcription 5 leads to hepatosteatosis and impaired liver regeneration. Hepatology, 2007, 46, 504-513.	3.6	170
126	The transcription factors Stat5a/b are not required for islet development but modulate pancreatic Î²-cell physiology upon aging. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1455-1461.	1.9	33

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127	STAT5 requires the N-domain to maintain hematopoietic stem cell repopulating function and appropriate lymphoid-myeloid lineage output. Experimental Hematology, 2007, 35, 1684-1694.	0.2	37
128	Interleukin-7 Produced by Antigen Presenting Cells Regulates the Homeostatic Peripheral Expansion of Naive CD4 T Cells.. Blood, 2007, 110, 1333-1333.	0.6	0
129	The canonical Notch/RBP-J signaling pathway controls the balance of cell lineages in mammary epithelium during pregnancy. Developmental Biology, 2006, 293, 565-580.	0.9	127
130	Clarifying the role of Stat5 in lymphoid development and Abelson-induced transformation. Blood, 2006, 107, 4898-4906.	0.6	192
131	Interleukin 27 negatively regulates the development of interleukin 17â€"producing T helper cells during chronic inflammation of the central nervous system. Nature Immunology, 2006, 7, 937-945.	7.0	874
132	Epithelial-Specific and Stage-Specific Functions of Insulin-Like Growth Factor-I during Postnatal Mammary Development. Endocrinology, 2006, 147, 5412-5423.	1.4	45
133	Stat5a/b are essential for normal lymphoid development and differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1000-1005.	3.3	331
134	Selective regulatory function of Socs3 in the formation of IL-17-secreting T cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8137-8142.	3.3	580
135	RIP-Cre Revisited, Evidence for Impairments of Pancreatic Î²-Cell Function. Journal of Biological Chemistry, 2006, 281, 2649-2653.	1.6	222
136	Acute Myeloid Leukemia-Associated Mkl1 (Mrtf-a) Is a Key Regulator of Mammary Gland Function. Molecular and Cellular Biology, 2006, 26, 5809-5826.	1.1	154
137	GPCR-induced migration of breast carcinoma cells depends on both EGFR signal transactivation and EGFR-independent pathways. Biological Chemistry, 2005, 386, 845-855.	1.2	89
138	Information networks in the mammary gland. Nature Reviews Molecular Cell Biology, 2005, 6, 715-725.	16.1	429
139	Overexpression of the Tumor Suppressor Gene Phosphatase and Tensin Homologue Partially Inhibits Wnt-1â€"Induced Mammary Tumorigenesis. Cancer Research, 2005, 65, 6864-6873.	0.4	35
140	C/EBPÎ´ is a crucial regulator of pro-apoptotic gene expression during mammary gland involution. Development (Cambridge), 2005, 132, 4675-4685.	1.2	84
141	Genetic Evidence Supporting Selection of the VÎ±14i NKT Cell Lineage from Double-Positive Thymocyte Precursors. Immunity, 2005, 22, 705-716.	6.6	240
142	The transcription factor Stat3 is dispensable for pancreatic Î²-cell development and function. Biochemical and Biophysical Research Communications, 2005, 334, 764-768.	1.0	38
143	SOCS3 promotes apoptosis of mammary differentiated cells. Biochemical and Biophysical Research Communications, 2005, 338, 1696-1701.	1.0	24
144	Identification of an Acquired Mutation in Jak2 Provides Molecular Insights into the Pathogenesis of Myeloproliferative Disorders. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2005, 5, 211-215.	3.4	10

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145	Inactivation of Stat5 in Mouse Mammary Epithelium during Pregnancy Reveals Distinct Functions in Cell Proliferation, Survival, and Differentiation. Molecular and Cellular Biology, 2004, 24, 8037-8047.	1.1	449
146	A Morphological and Immunohistochemical Comparison of Mammary Tissues from the Short-Tailed Fruit Bat (Carollia perspicillata) and the Mouse1. Biology of Reproduction, 2004, 70, 1573-1579.	1.2	9
147	Development of the mammary gland requires DGAT1 expression in stromal and epithelial tissues. Development (Cambridge), 2004, 131, 3047-3055.	1.2	48
148	bcl-xL Is Critical for Dendritic Cell Survival In Vivo. Journal of Immunology, 2004, 173, 4425-4432.	0.4	50
149	Mammary Gland Remodeling Depends on gp130 Signaling through Stat3 and MAPK. Journal of Biological Chemistry, 2004, 279, 44093-44100.	1.6	48
150	Brca2 Deficiency Does Not Impair Mammary Epithelium Development but Promotes Mammary Adenocarcinoma Formation in p53+/â^' Mutant Mice. Cancer Research, 2004, 64, 1959-1965.	0.4	42
151	The proliferation associated nuclear element (PANE1) is conserved between mammals and fish and preferentially expressed in activated lymphoid cells. Gene Expression Patterns, 2004, 4, 389-395.	0.3	15
152	Activation of PPAR Î³ and Î´ by conjugated linoleic acid mediates protection from experimental inflammatory bowel disease. Gastroenterology, 2004, 127, 777-791.	0.6	354
153	Hepatocyte-specific disruption of Bcl-xL leads to continuous hepatocyte apoptosis and liver fibrotic responses. Gastroenterology, 2004, 127, 1189-1197.	0.6	211
154	Biogenesis and function of mouse mammary epithelium depends on the presence of functional Î±-catenin. Mechanisms of Development, 2004, 121, 91-99.	1.7	35
155	Early onset of neoplasia in the prostate and skin of mice with tissue-specific deletion of Pten. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1725-1730.	3.3	150
156	Loss of connexin 26 in mammary epithelium during early but not during late pregnancy results in unscheduled apoptosis and impaired development. Developmental Biology, 2004, 267, 418-429.	0.9	38
157	Endogenous N-Terminal Truncated STAT5 Expressed from Alternative Start Codons Promotes SCF Signaling in Murine Primary Mast Cell Cultures.. Blood, 2004, 104, 815-815.	0.6	1
158	Activation of Î²-catenin in prostate epithelium induces hyperplasias and squamous transdifferentiation. Oncogene, 2003, 22, 3875-3887.	2.6	127
159	Identification of genes differentially expressed in mouse mammary epithelium transformed by an activated Î²-catenin. Oncogene, 2003, 22, 4594-4610.	2.6	31
160	Targeted expression of HGF/SF in mouse mammary epithelium leads to metastatic adenosquamous carcinomas through the activation of multiple signal transduction pathways. Oncogene, 2003, 22, 8498-8508.	2.6	91
161	Beta-catenin: a transforming actor on many stages. Breast Cancer Research, 2003, 5, 63.	2.2	46
162	Squamous cell carcinoma and mammary abscess formation through squamous metaplasia inSmad4/Dpc4conditional knockout mice. Development (Cambridge), 2003, 130, 6143-6153.	1.2	91

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163	Proteotyping of Mammary Tissue from Transgenic and Gene Knockout Mice with Immunohistochemical Markers: a Tool To Define Developmental Lesions. Journal of Histochemistry and Cytochemistry, 2003, 51, 555-565.	1.3	51
164	Selective Removal of the Selenocysteine tRNA [Ser]Sec Gene (Trsp) in Mouse Mammary Epithelium. Molecular and Cellular Biology, 2003, 23, 1477-1488.	1.1	103
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