Douglas J Hilton

List of Publications by Year
in descending order

206 papers	26,643 citations	6592 79 h-index	6113 159 g-index
216 all docs	216 docs citations	216 times ranked	23696 citing authors

#	Article	IF	Citations
1	BAF complex-mediated chromatin relaxation is required for establishment of X chromosome inactivation. Nature Communications, 2022, 13, 1658.	5.8	7
2	Chromosomes distribute randomly to, but not within, human neutrophil nuclear lobes. IScience, 2021, 24, 102161.	1.9	8
3	Proteomic analyses reveal that immune integrins are major targets for regulation by Membraneâ€Associated Ringâ€CH (MARCH) proteins MARCH2, 3, 4 and 9. Proteomics, 2021, 21, 2000244.	1.3	3
4	Dissecting the molecular control of Interleukin 6 signaling using the M1 cell line. Cytokine, 2021, 146, 155624.	1.4	1
5	Phylotranscriptomics resolves phylogeny of the Heliozelidae (Adeloidea: Lepidoptera) and suggests a Late Cretaceous origin in Australia. Systematic Entomology, 2020, 45, 128-143.	1.7	8
6	Membrane budding is a major mechanism of in vivo platelet biogenesis. Journal of Experimental Medicine, 2020, 217, .	4.2	47
7	Haemopedia RNA-seq: a database of gene expression during haematopoiesis in mice and humans. Nucleic Acids Research, 2019, 47, D780-D785.	6.5	104
8	Membrane-associated RING-CH (MARCH) proteins down-regulate cell surface expression of the interleukin-6 receptor alpha chain (IL6RÎ±). Biochemical Journal, 2019, 476, 2869-2882.	1.7	7
9	Identification of a Siglec-F+ granulocyte-macrophage progenitor. Journal of Leukocyte Biology, 2018, 104, 123-133.	1.5	9
10	Antennal scales improve signal detection efficiency in moths. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172832.	1.2	27
11	A preliminary molecular phylogeny of shield-bearer moths (Lepidoptera: Adeloidea: Heliozelidae) highlights rich undescribed diversity. Molecular Phylogenetics and Evolution, 2018, 120, 129-143.	1.2	13
12	Transcriptional profiling of eosinophil subsets in interleukin-5 transgenic mice. Journal of Leukocyte Biology, 2018, 104, 195-204.	1.5	11
13	PU.1 Is Required for the Developmental Progression of Multipotent Progenitors to Common Lymphoid Progenitors. Frontiers in Immunology, 2018, 9, 1264.	2.2	30
14	scPipe: A flexible R/Bioconductor preprocessing pipeline for single-cell RNA-sequencing data. PLoS Computational Biology, 2018, 14, e1006361.	1.5	97
15	MiSTIC, an integrated platform for the analysis of heterogeneity in large tumour transcriptome datasets. Nucleic Acids Research, 2017, 45, e122-e122.	6.5	14
16	Mutations in tropomyosin 4 underlie a rare form of human macrothrombocytopenia. Journal of Clinical Investigation, 2017, 127, 814-829.	3.9	57
17	Haemopedia: An Expression Atlas of Murine Hematopoietic Cells. Stem Cell Reports, 2016, 7, 571-582.	2.3	88
18	Setdb1-mediated H3K9 methylation is enriched on the inactive X and plays a role in its epigenetic silencing. Epigenetics and Chromatin, 2016, 9, 16.	1.8	63

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19	Ihstone H3 lysine 9 methylation is involved not only in maintaining epigenetic silencing, but is essential for setting up gene silencing. Experimental Hematology, 2015, 43, S38.	0.2	0
20	Special Issue Collection: In Memoriam. Stem Cells, 2015, 33, 3397-3422.	1.4	0
21	Mouse prenatal platelet-forming lineages share a core transcriptional program but divergent dependence on MPL. Blood, 2015, 126, 807-816.	0.6	24
22	Reprint to: In memoriam: Donald Metcalf (1929-2014) â€“ A historical perspective of his contributions to hematology. Experimental Hematology, 2015, 43, S21-S23.	0.2	0
23	Practical policies can combat gender inequality. Nature, 2015, 523, 7-7.	13.7	2
24	Why Australia needs a Medical Research Future Fund. Medical Journal of Australia, 2015, 202, 123-124.	0.8	1
25	A new extant family of primitive moths from <scp>K</scp>angaroo <scp>I</scp>sland, <scp>A</scp>ustralia, and its significance for understanding early <scp>L</scp>epidoptera evolution. Systematic Entomology, 2015, 40, 5-16.	1.7	32
26	Donald Metcalf (1929â€“2014). Cell, 2015, 160, 361-362.	13.5	2
27	Donald Metcalf (1929â€“2014). Nature, 2015, 517, 554-554.	13.7	1
28	Early Lineage Priming by Trisomy of Erg Leads to Myeloproliferation in a Down Syndrome Model. PLoS Genetics, 2015, 11, e1005211.	1.5	16
29	Genome-wide binding and mechanistic analyses of Smchd1-mediated epigenetic regulation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3535-44.	3.3	83
30	Mpl expression on megakaryocytes and platelets is dispensable for thrombopoiesis but essential to prevent myeloproliferation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5884-5889.	3.3	112
31	Identification of diploid platelet-forming cells prior to the emergence of polyploidy megakaryocyte in the mouse embryo. Experimental Hematology, 2014, 42, S56.	0.2	0
32	Understanding the molecular regulation of eosinophil production: a basis for intervention in inflammatory disease. Experimental Hematology, 2014, 42, S53.	0.2	0
33	A lineage of diploid platelet-forming cells precedes polyploid megakaryocyte formation in the mouse embryo. Blood, 2014, 124, 2725-2729.	0.6	52
34	The Pseudokinase MLKL Mediates Necroptosis via a Molecular Switch Mechanism. Immunity, 2013, 39, 443-453.	6.6	958
35	Function of PRC2 accessory factors in haematopoietic stem cells. Experimental Hematology, 2013, 41, S19.	0.2	0
36	Suppression of cytokine signaling: The SOCS perspective. Cytokine and Growth Factor Reviews, 2013, 24, 241-248.	3.2	165

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37	Polycomb repressive complex 2 (PRC2) suppresses EÎ¼-myc lymphoma. Blood, 2013, 122, 2654-2663.	0.6	26
38	Production of a human neutralizing monoclonal antibody and its crystal structure in complex with ectodomain 3 of the interleukin-13 receptor Î±1. Biochemical Journal, 2013, 451, 165-175.	1.7	11
39	Epigenetic Regulator Smchd1 Functions as a Tumor Suppressor. Cancer Research, 2013, 73, 1591-1599.	0.4	42
40	The Myb-p300-CREB axis modulates intestine homeostasis, radiosensitivity and tumorigenesis. Cell Death and Disease, 2013, 4, e605-e605.	2.7	26
41	Australian science needs more female fellows. Nature, 2013, 497, 7-7.	13.7	5
42	Reduced Lymphocyte Longevity and Homeostatic Proliferation in Lamin B Receptor-Deficient Mice Results in Profound and Progressive Lymphopenia. Journal of Immunology, 2012, 188, 122-134.	0.4	11
43	Thrombocytopenia and erythrocytosis in mice with a mutation in the gene encoding the hemoglobin Â minor chain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 576-581.	3.3	5
44	NLRP1 Inflammasome Activation Induces Pyroptosis of Hematopoietic Progenitor Cells. Immunity, 2012, 37, 1009-1023.	6.6	257
45	Revision of Cossinae and small Zeuzerinae from Australia (Lepidoptera: Cossidae). Zootaxa, 2012, 3454, 1.	0.2	6
46	Activation of the NLRP1 Inflammasome Induces the Pyroptotic Death of Hematopoietic Progenitor Cells. Blood, 2012, 120, 1213-1213.	0.6	0
47	ERG dependence distinguishes developmental control of hematopoietic stem cell maintenance from hematopoietic specification. Genes and Development, 2011, 25, 251-262.	2.7	99
48	An ENU-induced mouse mutant of SHIP1 reveals a critical role of the stem cell isoform for suppression of macrophage activation. Blood, 2011, 117, 5362-5371.	0.6	20
49	Erg is required for self-renewal of hematopoietic stem cells during stress hematopoiesis in mice. Blood, 2011, 118, 2454-2461.	0.6	51
50	ChIP-seq analysis reveals distinct H3K27me3 profiles that correlate with transcriptional activity. Nucleic Acids Research, 2011, 39, 7415-7427.	6.5	250
51	Critical roles for c-Myb in lymphoid priming and early B-cell development. Blood, 2010, 115, 2796-2805.	0.6	62
52	Opposing roles of polycomb repressive complexes in hematopoietic stem and progenitor cells. Blood, 2010, 116, 731-739.	0.6	117
53	Estimating the proportion of microarray probes expressed in an RNA sample. Nucleic Acids Research, 2010, 38, 2168-2176.	6.5	21
54	Deficiency of 5-hydroxyisourate hydrolase causes hepatomegaly and hepatocellular carcinoma in mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16625-16630.	3.3	37

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55	Regulation of hematopoietic stem cells by their mature progeny. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21689-21694.	3.3	65
56	Crystal Structure of the Entire Ectodomain of gp130. Journal of Biological Chemistry, 2010, 285, 21214-21218.	1.6	78
57	The Negative Regulation of JAK/STAT Signaling. , 2010, , 467-480.		6
58	A convenient method for preparation of an engineered mouse interleukin-3 analog with high solubility and wild-type bioactivity. Growth Factors, 2010, 28, 104-110.	0.5	12
59	Alpha Interferon Induces Long-Lasting Refractoriness of JAK-STAT Signaling in the Mouse Liver through Induction of USP18/UBP43. Molecular and Cellular Biology, 2009, 29, 4841-4851.	1.1	160
60	A Kinase-Dead Allele of Lyn Attenuates Autoimmune Disease Normally Associated with Lyn Deficiency. Journal of Immunology, 2009, 182, 2020-2029.	0.4	15
61	Regulation of multiple cytokine signalling pathways by SOCS3 is independent of SOCS2. Growth Factors, 2009, 27, 384-393.	0.5	18
62	Dual requirement for the ETS transcription factors Fli-1 and Erg in hematopoietic stem cells and the megakaryocyte lineage. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13814-13819.	3.3	89
63	Hematopoietic defects in the Ts1Cje mouse model of Down syndrome. Blood, 2009, 113, 1929-1937.	0.6	56
64	Novel roles for erythroid Ankyrin-1 revealed through an ENU-induced null mouse mutant. Blood, 2009, 113, 3352-3362.	0.6	44
65	Mutational inhibition of c-Myb or p300 ameliorates treatment-induced thrombocytopenia. Blood, 2009, 113, 5599-5604.	0.6	9
66	SmcHD1, containing a structural-maintenance-of-chromosomes hinge domain, has a critical role in X inactivation. Nature Genetics, 2008, 40, 663-669.	9.4	305
67	The transcription factor Erg is essential for definitive hematopoiesis and the function of adult hematopoietic stem cells. Nature Immunology, 2008, 9, 810-819.	7.0	232
68	Socs3 maintains the specificity of biological responses to cytokine signals during granulocyte and macrophage differentiation. Experimental Hematology, 2008, 36, 786-798.	0.2	28
69	Perturbed thymopoiesis in vitro in the absence of suppressor of cytokine signalling 1 and 3. Molecular Immunology, 2008, 45, 2888-2896.	1.0	9
70	A Mouse Model of Harlequin Ichthyosis Delineates a Key Role for Abca12 in Lipid Homeostasis. PLoS Genetics, 2008, 4, e1000192.	1.5	70
71	Polycomb Repressive Complex 2 (PRC2) Restricts Hematopoietic Stem Cell Activity. PLoS Biology, 2008, 6, e93.	2.6	118
72	Point mutation in the gene encoding p300 suppresses thrombocytopenia in Mplâˆ'/âˆ' mice. Blood, 2008, 112, 3148-3153.	0.6	32

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73	A Novel Mutation in the <i>Nfkb2</i> Gene Generates an NF-Î°B2 â€œSuper Repressorâ€. Journal of Immunology, 2007, 179, 7514-7522.	0.4	77
74	c-Myb is required for progenitor cell homeostasis in colonic crypts. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3829-3834.	3.3	102
75	Mechanism of crosstalk inhibition of IL-6 signaling in response to LPS and TNFÎ±. Growth Factors, 2007, 25, 319-328.	0.5	13
76	Agm1/Pgm3-Mediated Sugar Nucleotide Synthesis Is Essential for Hematopoiesis and Development. Molecular and Cellular Biology, 2007, 27, 5849-5859.	1.1	73
77	An unusual cytokine:Ig-domain interaction revealed in the crystal structure of leukemia inhibitory factor (LIF) in complex with the LIF receptor. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12737-12742.	3.3	77
78	Ankyrin Repeat and Suppressors of Cytokine Signaling Box Protein Asb-9 Targets Creatine Kinase B for Degradation. Journal of Biological Chemistry, 2007, 282, 4728-4737.	1.6	42
79	Suppressor of cytokine signaling 3 regulates CD8 T-cell proliferation by inhibition of interleukins 6 and 27. Blood, 2007, 110, 2528-2536.	0.6	57
80	The SOCS box of suppressor of cytokine signaling-3 contributes to the control of G-CSF responsiveness in vivo. Blood, 2007, 110, 1466-1474.	0.6	57
81	The negative regulatory roles of suppressor of cytokine signaling proteins in myeloid signaling pathways. Current Opinion in Hematology, 2007, 14, 9-15.	1.2	25
82	Probabilistic analysis of recessive mutagenesis screen strategies. Mammalian Genome, 2007, 18, 5-22.	1.0	6
83	The Structure of SOCS3 Reveals the Basis of the Extended SH2 Domain Function and Identifies an Unstructured Insertion That Regulates Stability. Molecular Cell, 2006, 22, 205-216.	4.5	140
84	More on Myb in myelofibrosis: molecular analyses of MYB and EP300 in 55 patients with myeloproliferative disorders. Blood, 2006, 107, 1733-1735.	0.6	10
85	Suppressor of cytokine signaling 1 regulates the immune response to infection by a unique inhibition of type I interferon activity. Nature Immunology, 2006, 7, 33-39.	7.0	243
86	Suppressor of cytokine signaling 1 negatively regulates Toll-like receptor signaling by mediating Mal degradation. Nature Immunology, 2006, 7, 148-155.	7.0	468
87	Proximal genomic localization of STAT1 binding and regulated transcriptional activity. BMC Genomics, 2006, 7, 254.	1.2	18
88	The Comparative Roles of Suppressor of Cytokine Signaling-1 and -3 in the Inhibition and Desensitization of Cytokine Signaling. Journal of Biological Chemistry, 2006, 281, 11135-11143.	1.6	109
89	General Nature of the STAT3-Activated Anti-Inflammatory Response. Journal of Immunology, 2006, 177, 7880-7888.	0.4	197
90	A mutation in the translation initiation codon of Gata-1 disrupts megakaryocyte maturation and causes thrombocytopenia. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14146-14151.	3.3	21

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91	Thrombocytopenia and kidney disease in mice with a mutation in the C1galt1 gene. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16442-16447.	3.3	76
92	Anomalous megakaryocytopoiesis in mice with mutations in the c-Myb gene. Blood, 2005, 105, 3480-3487.	0.6	54
93	The art and design of genetic screens: mouse. Nature Reviews Genetics, 2005, 6, 557-567.	7.7	87
94	Suppressor of Cytokine Signaling-2 Deficiency Induces Molecular and Metabolic Changes that Partially Overlap with Growth Hormone-Dependent Effects. Molecular Endocrinology, 2005, 19, 781-793.	3.7	27
95	Suppressor of cytokine signaling (SOCS)-5 is a potential negative regulator of epidermal growth factor signaling. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2328-2333.	3.3	87
96	SOCS2 negatively regulates growth hormone action in vitro and in vivo. Journal of Clinical Investigation, 2005, 115, 397-406.	3.9	188
97	SOCS2 negatively regulates growth hormone action in vitro and in vivo. Journal of Clinical Investigation, 2005, 115, 397-406.	3.9	121
98	SOCS5 Is Expressed in Primary B and T Lymphoid Cells but Is Dispensable for Lymphocyte Production and Function. Molecular and Cellular Biology, 2004, 24, 6094-6103.	1.1	67
99	Inhibitors of Cytokine Signal Transduction. Journal of Biological Chemistry, 2004, 279, 821-824.	1.6	370
100	Development of hydrocephalus in mice lacking SOCS7. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15446-15451.	3.3	57
101	From The Cover: Suppressor screen in Mpl-/- mice: c-Myb mutation causes supraphysiological production of platelets in the absence of thrombopoietin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6553-6558.	3.3	178
102	TheRole ofSuppressors ofCytokineSignaling(SOCS) Proteins inRegulation of theImmuneResponse. Annual Review of Immunology, 2004, 22, 503-529.	9.5	668
103	SOCS3 Is a Critical Physiological Negative Regulator of G-CSF Signaling and Emergency Granulopoiesis. Immunity, 2004, 20, 153-165.	6.6	257
104	Synergistic effects on erythropoiesis, thrombopoiesis, and stem cell competitiveness in mice deficient in thrombopoietin and steel factor receptors. Blood, 2004, 104, 1306-1313.	0.6	27
105	Differential regulation of SOCS genes in normal and transformed erythroid cells. Oncogene, 2003, 22, 3221-3230.	2.6	33
106	SOCS3 negatively regulates IL-6 signaling in vivo. Nature Immunology, 2003, 4, 540-545.	7.0	743
107	A New Role for SOCS in Insulin Action. Science Signaling, 2003, 2003, pe6-pe6.	1.6	48
108	Suppressor of Cytokine Signaling-1 Is a Critical Regulator of Interleukin-7-Dependent CD8+ T Cell Differentiation. Immunity, 2003, 18, 475-487.	6.6	155

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109	Defining Control. Immunity, 2003, 19, 308-309.	6.6	6
110	Suppressor of Cytokine Signaling-1 Regulates Signaling in Response to Interleukin-2 and Other Î³c-dependent Cytokines in Peripheral T Cells. Journal of Biological Chemistry, 2003, 278, 22755-22761.	1.6	113
111	Suppressor of Cytokine Signaling-1 Has IFN-Î³-Independent Actions in T Cell Homeostasis. Journal of Immunology, 2003, 170, 878-886.	0.4	70
112	SOCS-3 is Involved in the Downregulation of the Acute Insulin-Like Effects of Growth Hormone in Rat Adipocytes by Inhibition of Jak2/IRS-1 Signaling. Hormone and Metabolic Research, 2003, 35, 169-177.	0.7	16
113	Negative Regulation of the JAK/STAT Signaling Pathway. , 2003, , 431-440.		0
114	SOCS Proteins. , 2003, , 55-73.		1
115	Biological Evidence That SOCS-2 Can Act Either as an Enhancer or Suppressor of Growth Hormone Signaling. Journal of Biological Chemistry, 2002, 277, 40181-40184.	1.6	147
116	SOCS-6 Binds to Insulin Receptor Substrate 4, and Mice Lacking the SOCS-6 Gene Exhibit Mild Growth Retardation. Molecular and Cellular Biology, 2002, 22, 4567-4578.	1.1	133
117	Polycystic kidneys and chronic inflammatory lesions are the delayed consequences of loss of the suppressor of cytokine signaling-1 (SOCS-1). Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 943-948.	3.3	96
118	A Somatic Cell Genetic System for Dissecting Hemopoietic Cytokine Signal Transduction. Journal of Biological Chemistry, 2002, 277, 25624-25630.	1.6	1
119	Negative Regulation of Interleukin-12 Signaling by Suppressor of Cytokine Signaling-1. Journal of Biological Chemistry, 2002, 277, 43735-43740.	1.6	95
120	Growth Enhancement in Suppressor of Cytokine Signaling 2 (SOCS-2)-Deficient Mice Is Dependent on Signal Transducer and Activator of Transcription 5b (STAT5b). Molecular Endocrinology, 2002, 16, 1394-1406.	3.7	145
121	Regulation of Jak2 through the Ubiquitin-Proteasome Pathway Involves Phosphorylation of Jak2 on Y1007 and Interaction with SOCS-1. Molecular and Cellular Biology, 2002, 22, 3316-3326.	1.1	226
122	SH2 Domains from Suppressor of Cytokine Signaling-3 and Protein Tyrosine Phosphatase SHP-2 Have Similar Binding Specificitiesâ€. Biochemistry, 2002, 41, 9229-9236.	1.2	107
123	An Ethyl-Nitrosourea-Induced Point Mutation in Phex Causes Exon Skipping, X-Linked Hypophosphatemia, and Rickets. American Journal of Pathology, 2002, 161, 1925-1933.	1.9	37
124	Suppressors of cytokine signaling: Relevance to gastrointestinal function and disease. Gastroenterology, 2002, 123, 2064-2081.	0.6	69
125	Generating mouse models of retinal disease using ENU mutagenesis. Vision Research, 2002, 42, 479-485.	0.7	11
126	The SOCS box: a tale of destruction and degradation. Trends in Biochemical Sciences, 2002, 27, 235-241.	3.7	394

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127	SOCS proteins - negative regulators of the cytokine signal transduction. Biochemical Society Transactions, 2001, 29, A105-A105.	1.6	0
128	Signaling by Type I and II cytokine receptors: ten years after. Current Opinion in Immunology, 2001, 13, 363-373.	2.4	192
129	SOCS Proteins: Negative Regulators of Cytokine Signaling. Stem Cells, 2001, 19, 378-387.	1.4	722
130	SOCS1 deficiency results in accelerated mammary gland development and rescues lactation in prolactin receptor-deficient mice. Genes and Development, 2001, 15, 1631-1636.	2.7	93
131	The SOCS box of suppressor of cytokine signaling-1 is important for inhibition of cytokine action in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13261-13265.	3.3	138
132	Suppressor of Cytokine Signaling-1 Attenuates the Duration of Interferon Î³ Signal Transduction in Vitro and in Vivo. Journal of Biological Chemistry, 2001, 276, 22086-22089.	1.6	95
133	Placental defects and embryonic lethality in mice lacking suppressor of cytokine signaling 3. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9324-9329.	3.3	288
134	Functional Analysis of Asb-1 Using Genetic Modification in Mice. Molecular and Cellular Biology, 2001, 21, 6189-6197.	1.1	50
135	SOCS-3 Inhibits Insulin Signaling and Is Up-regulated in Response to Tumor Necrosis Factor-Î± in the Adipose Tissue of Obese Mice. Journal of Biological Chemistry, 2001, 276, 47944-47949.	1.6	367
136	Insulin Induces Suppressor of Cytokine Signaling-3 Tyrosine Phosphorylation through Janus-activated Kinase. Journal of Biological Chemistry, 2001, 276, 24614-24620.	1.6	52
137	Ligand-specific utilization of the extracellular membrane-proximal region of the gp130-related signalling receptors. Biochemical Journal, 2000, 345, 25-32.	1.7	28
138	Ligand-specific utilization of the extracellular membrane-proximal region of the gp130-related signalling receptors. Biochemical Journal, 2000, 345, 25.	1.7	17
139	Gigantism in mice lacking suppressor of cytokine signalling-2. Nature, 2000, 405, 1069-1073.	13.7	447
140	Adaptor protein SKAP55R is associated with myeloid differentiation and growth arrest. Experimental Hematology, 2000, 28, 1250-1259.	0.2	25
141	SOCS-3 Is an Insulin-induced Negative Regulator of Insulin Signaling. Journal of Biological Chemistry, 2000, 275, 15985-15991.	1.6	385
142	Suppressor of cytokine signaling-3 preferentially binds to the SHP-2-binding site on the shared cytokine receptor subunit gp130. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 6493-6498.	3.3	426
143	Cloning and characterization of the genes encoding the ankyrin repeat and SOCS box-containing proteins Asb-1, Asb-2, Asb-3 and Asb-4. Gene, 2000, 258, 31-41.	1.0	42
144	Mechanism of Inhibition of Growth Hormone Receptor Signaling by Suppressor of Cytokine Signaling Proteins. Molecular Endocrinology, 1999, 13, 1832-1843.	3.7	182

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145	The conserved SOCS box motif in suppressors of cytokine signaling binds to elongins B and C and may couple bound proteins to proteasomal degradation. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 2071-2076.	3.3	581
146	Aberrant hematopoiesis in mice with inactivation of the gene encoding SOCS-1. Leukemia, 1999, 13, 926-934.	3.3	70
147	Negative regulators of cytokine signal transduction. Cellular and Molecular Life Sciences, 1999, 55, 1568-1577.	2.4	197
148	Suckling defect in mice lacking the soluble haemopoietin receptor NR6. Current Biology, 1999, 9, 605-S1.	1.8	73
149	Cytokines: From the laboratory to the clinic. Drug Development Research, 1999, 46, 197-205.	1.4	6
150	Negative regulation of the JAK/STAT pathway. BioEssays, 1999, 21, 47-52.	1.2	243
151	Differential Ability of SOCS Proteins to Regulate IL-6 and CSF-1 Induced Macrophage Differentiation. Growth Factors, 1999, 16, 305-314.	0.5	16
152	STAT5b mediates the GH-induced expression of SOCS-2 and SOCS-3 mRNA in the liver. Molecular and Cellular Endocrinology, 1999, 158, 111-116.	1.6	108
153	SOCS1 Is a Critical Inhibitor of Interferon Î³ Signaling and Prevents the Potentially Fatal Neonatal Actions of this Cytokine. Cell, 1999, 98, 597-608.	13.5	715
154	Mutational analyses of the SOCS proteins suggest a dual domain requirement but distinct mechanisms for inhibition of LIF and IL-6 signal transduction. EMBO Journal, 1999, 18, 375-385.	3.5	393
155	Suppressors of cytokine signaling (SOCS): negative regulators of signal transduction. Journal of Leukocyte Biology, 1999, 66, 588-592.	1.5	100
156	Negative Regulation of Cytokine Signaling by the SOCS Proteins. Cold Spring Harbor Symposia on Quantitative Biology, 1999, 64, 397-404.	2.0	29
157	SOCS: suppressors of cytokine signalling. International Journal of Biochemistry and Cell Biology, 1998, 30, 1081-1085.	1.2	92
158	DAN is a secreted glycoprotein related to Xenopus cerberus. Mechanisms of Development, 1998, 77, 173-184.	1.7	84
159	Murine Cerberus Homologue mCer-1: A Candidate Anterior Patterning Molecule. Developmental Biology, 1998, 194, 135-151.	0.9	171
160	General Classes and Functions of Four-Helix Bundle Cytokines. Advances in Protein Chemistry, 1998, 52, 1-65.	4.4	31
161	The Box-1 Region of the Leukemia Inhibitory Factor Receptor Î±-Chain Cytoplasmic Domain Is Sufficient for Hemopoietic Cell Proliferation and Differentiation. Journal of Biological Chemistry, 1998, 273, 34370-34383.	1.6	13
162	The Immunoglobulin-like Module of gp130 Is Required for Signaling by Interleukin-6, but Not by Leukemia Inhibitory Factor. Journal of Biological Chemistry, 1998, 273, 22701-22707.	1.6	66

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163	Growth Hormone Preferentially Induces the Rapid, Transient Expression of SOCS-3, a Novel Inhibitor of Cytokine Receptor Signaling. Journal of Biological Chemistry, 1998, 273, 1285-1287.	1.6	283
164	Liver degeneration and lymphoid deficiencies in mice lacking suppressor of cytokine signaling-1. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14395-14399.	3.3	394
165	The SOCS proteins: a new family of negative regulators of signal transduction. Journal of Leukocyte Biology, 1998, 63, 665-668.	1.5	115
166	Twenty proteins containing a C-terminal SOCS box form five structural classes. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 114-119.	3.3	674
167	Leukemia Inhibitory Factor. , 1998, , 277-296.		1
168	Identification, Purification, and Characterization of a Soluble Interleukin (IL)-13-binding Protein. Journal of Biological Chemistry, 1997, 272, 9474-9480.	1.6	132
169	An Interleukin (IL)-13 Receptor Lacking the Cytoplasmic Domain Fails to Transduce IL-13-Induced Signals and Inhibits Responses to IL-4. Journal of Biological Chemistry, 1997, 272, 22940-22947.	1.6	45
170	Distinct Roles for Leukemia Inhibitory Factor Receptor Î±-Chain and gp130 in Cell Type-specific Signal Transduction. Journal of Biological Chemistry, 1997, 272, 19982-19986.	1.6	47
171	Leukemia inhibitory factor and its receptor. Growth Factors and Cytokines in Health and Disease, 1997, , 613-668.	0.2	5
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