Nicos A Nicola

List of Publications by Year
in descending order

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228	25,849	8208	7627
papers	citations	78 h-index	156 g-index

232	232	232	20778
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	RNF41 regulates the damage recognition receptor Clec9A and antigen cross-presentation in mouse dendritic cells. ELife, 2020, 9, .	2.8	16
3	RIPLET, and not TRIM25, is required for endogenous RIGâ€Iâ€dependent antiviral responses. Immunology and Cell Biology, 2019, 97, 840-852.	1.0	70
4	Enzymatic Characterization of Wild-Type and Mutant Janus Kinase 1. Cancers, 2019, 11, 1701.	1.7	10
5	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
6	The molecular basis of JAK/STAT inhibition by SOCS1. Nature Communications, 2018, 9, 1558.	5.8	298
7	Identification of a second binding site on the TRIM25 B30.2 domain. Biochemical Journal, 2018, 475, 429-440.	1.7	11
8	Cortical Layer Inversion and Deregulation of Reelin Signaling in the Absence of SOCS6 and SOCS7. Cerebral Cortex, 2017, 27, bhv253.	1.6	13
9	Suppressor of cytokine signaling (SOCS)5 ameliorates influenza infection via inhibition of EGFR signaling. ELife, 2017, 6, .	2.8	61
10	Donald Metcalf AC. 26 February 1929 â€" 15 December 2014. Biographical Memoirs of Fellows of the Royal Society, 2016, 62, 409-431.	0.1	0
11	Donald Metcalf 1929â€“2014. Historical Records of Australian Science, 2016, 27, 176.	0.3	1
12	Rapid Inflammation in Mice Lacking Both SOCS1 and SOCS3 in Hematopoietic Cells. PLoS ONE, 2016, 11, e0162111.	1.1	24
13	Murine Oncostatin M Acts via Leukemia Inhibitory Factor Receptor to Phosphorylate Signal Transducer and Activator of Transcription 3 (STAT3) but Not STAT1, an Effect That Protects Bone Mass. Journal of Biological Chemistry, 2016, 291, 21703-21716.	1.6	39
14	Special Issue Collection: In Memoriam. Stem Cells, 2015, 33, 3397-3422.	1.4	0
15	Blocking Endogenous Leukemia Inhibitory Factor During Placental Development in Mice Leads to Abnormal Placentation and Pregnancy Loss. Scientific Reports, 2015, 5, 13237.	1.6	23
16	Leukemia Inhibitory Factor (LIF) Inhibition during Mid-Gestation Impairs Trophoblast Invasion and Spiral Artery Remodelling during Pregnancy in Mice. PLoS ONE, 2015, 10, e0129110.	1.1	24
17	Donald Metcalf (1929â€“2014). Cell, 2015, 160, 361-362.	13.5	2
18	Professor Donald Metcalf (1929â€“2014). Immunity, 2015, 42, 1-3.	6.6	4

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19	LRIG1 Extracellular Domain: Structure and Function Analysis. Journal of Molecular Biology, 2015, 427, 1934-1948.	2.0	13
20	SOCS4 is dispensable for an efficient recall response to influenza despite being required for primary immunity. Immunology and Cell Biology, 2015, 93, 909-913.	1.0	9
21	Leukemia inhibitory factor (LIF). Cytokine and Growth Factor Reviews, 2015, 26, 533-544.	3.2	320
22	Suppressor of Cytokine Signaling 4 (SOCS4) Protects against Severe Cytokine Storm and Enhances Viral Clearance during Influenza Infection. PLoS Pathogens, 2014, 10, e1004134.	2.1	50
23	Mechanistic insights into activation and SOCS3-mediated inhibition of myeloproliferative neoplasm-associated JAK2 mutants from biochemical and structural analyses. Biochemical Journal, 2014, 458, 395-405.	1.7	33
24	Functional characterization of c-Mpl ectodomain mutations that underlie congenital amegakaryocytic thrombocytopenia. Growth Factors, 2014, 32, 18-26.	0.5	16
25	Inhibition of IL-6 family cytokines by SOCS3. Seminars in Immunology, 2014, 26, 13-19.	2.7	157
26	The molecular regulation of Janus kinase (JAK) activation. Biochemical Journal, 2014, 462, 1-13.	1.7	251
27	Reconstruction of an active SOCS3-based E3 ubiquitin ligase complexin vitro: identification of the active components and JAK2 and gp130 as substrates. Growth Factors, 2014, 32, 1-10.	0.5	35
28	The role of leukemia inhibitory factor in tubal ectopic pregnancy. Placenta, 2013, 34, 1014-1019.	0.7	28
29	The Pseudokinase MLKL Mediates Necroptosis via a Molecular Switch Mechanism. Immunity, 2013, 39, 443-453.	6.6	958
30	Structure and function of the SPRY/B30.2 domain proteins involved in innate immunity. Protein Science, 2013, 22, 1-10.	3.1	109
31	Polyethylene glycated leukemia inhibitory factor antagonist inhibits human blastocyst implantation and triggers apoptosis by down-regulating embryonic AKT. Fertility and Sterility, 2013, 100, 1160-1169.e2.	0.5	21
32	A (selective) history of Australian involvement in cytokine biology. Cytokine and Growth Factor Reviews, 2013, 24, 179-187.	3.2	0
33	SOCS3 binds specific receptorâ€“JAK complexes to control cytokine signaling by direct kinase inhibition. Nature Structural and Molecular Biology, 2013, 20, 469-476.	3.6	229
34	Crystal structure of the TRIM25 B30.2 (PRYSPRY) domain: a key component of antiviral signalling. Biochemical Journal, 2013, 456, 231-240.	1.7	42
35	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
36	Regulation of Janus kinases by SOCS proteins. Biochemical Society Transactions, 2013, 41, 1042-1047.	1.6	62

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37	SOCS3. Jak-stat, 2013, 2, e25045.	2.2	37
38	Suppressor of Cytokine Signaling (SOCS) 5 Utilises Distinct Domains for Regulation of JAK1 and Interaction with the Adaptor Protein Shc-1. PLoS ONE, 2013, 8, e70536.	1.1	42
39	The biology and mechanism of action of suppressor of cytokine signaling 3. Growth Factors, 2012, 30, 207-219.	0.5	101
40	DEC-205 is a cell surface receptor for CpG oligonucleotides. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16270-16275.	3.3	155
41	Suppression of Cytokine Signaling by SOCS3: Characterization of the Mode of Inhibition and the Basis of Its Specificity. Immunity, 2012, 36, 239-250.	6.6	240
42	The Dendritic Cell Receptor Clec9A Binds Damaged Cells via Exposed Actin Filaments. Immunity, 2012, 36, 646-657.	6.6	272
43	IL â€6 promotes acute and chronic inflammatory disease in the absence of SOCS3. Immunology and Cell Biology, 2012, 90, 124-129.	1.0	41
44	Towards a Four-Dimensional View of Neutrophils. Methods in Molecular Biology, 2012, 844, 87-99.	0.4	6
45	Vaginally Administered PEGylated LIF Antagonist Blocked Embryo Implantation and Eliminated Non-Target Effects on Bone in Mice. PLoS ONE, 2011, 6, e19665.	1.1	26
46	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
47	Crystal Structure of the Entire Ectodomain of gp130. Journal of Biological Chemistry, 2010, 285, 21214-21218.	1.6	78
48	Oncostatin M promotes bone formation independently of resorption when signaling through leukemia inhibitory factor receptor in mice. Journal of Clinical Investigation, 2010, 120, 582-592.	3.9	245
49	Regulation of multiple cytokine signalling pathways by SOCS3 is independent of SOCS2. Growth Factors, 2009, 27, 384-393.	0.5	18
50	Deletion of the SOCS box of suppressor of cytokine signaling 3 (SOCS3) in embryonic stem cells reveals SOCS box-dependent regulation of JAK but not STAT phosphorylation. Cellular Signalling, 2009, 21, 394-404.	1.7	57
51	The SOCS Box Encodes a Hierarchy of Affinities for Cullin5: Implications for Ubiquitin Ligase Formation and Cytokine Signalling Suppression. Journal of Molecular Biology, 2009, 387, 162-174.	2.0	117
52	The SOCS Box Domain of SOCS3: Structure and Interaction with the ElonginBC-Cullin5 Ubiquitin Ligase. Journal of Molecular Biology, 2008, 381, 928-940.	2.0	91
53	Point mutation in the gene encoding p300 suppresses thrombocytopenia in Mplâ^'/â^' mice. Blood, 2008, 112, 3148-3153.	0.6	32
54	Blocking LIF action in the uterus by using a PEGylated antagonist prevents implantation: A nonhormonal contraceptive strategy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19357-19362.	3.3	89

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55	Mechanism of crosstalk inhibition of IL-6 signaling in response to LPS and TNFÎ±. Growth Factors, 2007, 25, 319-328.	0.5	13
56	Agm1/Pgm3-Mediated Sugar Nucleotide Synthesis Is Essential for Hematopoiesis and Development. Molecular and Cellular Biology, 2007, 27, 5849-5859.	1.1	73
57	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
58	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
59	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
60	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
61	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
62	The SPRY domain of SSB-2 adopts a novel fold that presents conserved Par-4â€“binding residues. Nature Structural and Molecular Biology, 2006, 13, 77-84.	3.6	72
63	Dynamics of the SPRY domain-containing SOCS box protein 2: Flexibility of key functional loops. Protein Science, 2006, 15, 2761-2772.	3.1	14
64	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
65	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
66	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
67	Anomalous megakaryocytopoiesis in mice with mutations in the c-Myb gene. Blood, 2005, 105, 3480-3487.	0.6	54
68	Letter to the Editor: Backbone 1H, 13C and 15N assignments of the 25 kDa SPRY domain-containing SOCS box protein 2 (SSB-2). Journal of Biomolecular NMR, 2005, 31, 69-70.	1.6	14
69	Genetic Deletion of Murine SPRY Domain-Containing SOCS Box Protein 2 (SSB-2) Results in Very Mild Thrombocytopenia. Molecular and Cellular Biology, 2005, 25, 5639-5647.	1.1	13
70	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
71	SOCS2 negatively regulates growth hormone action in vitro and in vivo. Journal of Clinical Investigation, 2005, 115, 397-406.	3.9	188
72	SOCS2 negatively regulates growth hormone action in vitro and in vivo. Journal of Clinical Investigation, 2005, 115, 397-406.	3.9	121

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73	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
74	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
75	Affinity Maturation of Leukemia Inhibitory Factor and Conversion to Potent Antagonists of Signaling. Journal of Biological Chemistry, 2004, 279, 2125-2134.	1.6	30
76	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
77	SOCS3 Is a Critical Physiological Negative Regulator of G-CSF Signaling and Emergency Granulopoiesis. Immunity, 2004, 20, 153-165.	6.6	257
78	The Jak-Stat Pathway of Cytokine Signaling. , 2004, , 45-64.		0
79	Behavioural and anatomical effects of systemically administered leukemia inhibitory factor in the SOD1G93A G1H mouse model of familial amyotrophic lateral sclerosis. Brain Research, 2003, 982, 92-97.	1.1	38
80	Why Government and Charitable Research Funding Agencies Should Not Seek Commercial Control or Returns from the Research They Fund. Clinical and Experimental Pharmacology and Physiology, 2003, 30, 116-116.	0.9	0
81	SOCS3 negatively regulates IL-6 signaling in vivo. Nature Immunology, 2003, 4, 540-545.	7.0	743
82	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
83	Suppressor of Cytokine Signaling-1 Has IFN-Î³-Independent Actions in T Cell Homeostasis. Journal of Immunology, 2003, 170, 878-886.	0.4	70
84	Negative regulation of gp130 signalling mediated through tyrosine-757 is not dependent on the recruitment of SHP2. Biochemical Journal, 2003, 372, 495-502.	1.7	16
85	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
86	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
87	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
88	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
89	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
90	A fusion protein system for the recombinant production of short disulfide-containing peptides. Protein Expression and Purification, 2002, 26, 171-178.	0.6	30

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91	Leukemia Inhibitory Factor Is an Autocrine Survival Factor for Schwann Cells. Journal of Neurochemistry, 2002, 73, 96-104.	2.1	75
92	The SOCS box: a tale of destruction and degradation. Trends in Biochemical Sciences, 2002, 27, 235-241.	3.7	394
93	Negative Regulators of Cytokine Signaling. International Journal of Hematology, 2001, 73, 292-298.	0.7	76
94	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
95	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
96	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
97	Functional Analysis of Asb-1 Using Genetic Modification in Mice. Molecular and Cellular Biology, 2001, 21, 6189-6197.	1.1	50
98	Ligand-specific utilization of the extracellular membrane-proximal region of the gp130-related signalling receptors. Biochemical Journal, 2000, 345, 25-32.	1.7	28
99	Ligand-specific utilization of the extracellular membrane-proximal region of the gp130-related signalling receptors. Biochemical Journal, 2000, 345, 25.	1.7	17
100	Gigantism in mice lacking suppressor of cytokine signalling-2. Nature, 2000, 405, 1069-1073.	13.7	447
101	The suppressors of cytokine signaling (SOCS) proteins. Experimental Hematology, 2000, 28, 1105-1112.	0.2	70
102	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
103	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
104	Backbone dynamics measurements on leukemia inhibitory factor, a rigid fourâ€helical bundle cytokine. Protein Science, 2000, 9, 671-682.	3.1	13
105	Reassessment of interactions between hematopoietic receptors using common beta-chain and interleukin-3â€“specific receptor beta-chainâ€“null cells: no evidence of functional interactions with receptors for erythropoietin, granulocyte colony-stimulating factor, or stem cell factor. Blood, 2000, 96, 1588-1590.	0.6	4
106	Receptor Clearance Obscures the Magnitude of Granulocyte-Macrophage Colony-Stimulating Factor Responses in Mice to Endotoxin or Local Infections. Blood, 1999, 93, 1579-1585.	0.6	40
107	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
108	Aberrant hematopoiesis in mice with inactivation of the gene encoding SOCS-1. Leukemia, 1999, 13, 926-934.	3.3	70

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109	Expression of BCRâ€‰â€“â€‰ABL in M1 myeloid leukemia cells induces differentiation without arresting proliferation. Oncogene, 1999, 18, 343-352.	2.6	15
110	Suckling defect in mice lacking the soluble haemopoietin receptor NR6. Current Biology, 1999, 9, 605-S1.	1.8	73
111	Anterograde transport of leukemia inhibitory factor within transected sciatic nerves. , 1999, 22, 78-87.		13
112	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
113	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
114	Suppressors of cytokine signaling (SOCS): negative regulators of signal transduction. Journal of Leukocyte Biology, 1999, 66, 588-592.	1.5	100
115	Negative Regulation of Cytokine Signaling by the SOCS Proteins. Cold Spring Harbor Symposia on Quantitative Biology, 1999, 64, 397-404.	2.0	29
116	Receptor Clearance Obscures the Magnitude of Granulocyte-Macrophage Colony-Stimulating Factor Responses in Mice to Endotoxin or Local Infections. Blood, 1999, 93, 1579-1585.	0.6	16
117	The biological consequences of excess GM-CSF levels in transgenic mice also lacking high-affinity receptors for GM-CSF. Leukemia, 1998, 12, 353-362.	3.3	17
118	Hemopoietic growth factor receptor abnormalities in leukemia. Leukemia Research, 1998, 22, 1097-1111.	0.4	17
119	General Classes and Functions of Four-Helix Bundle Cytokines. Advances in Protein Chemistry, 1998, 52, 1-65.	4.4	31
120	Solution Structure of Leukemia Inhibitory Factor. Journal of Biological Chemistry, 1998, 273, 13738-13745.	1.6	34
121	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
122	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
123	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
124	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
125	Identification and Characterization of Two Distinct Truncated Forms of gp130 and a Soluble Form of Leukemia Inhibitory Factor Receptor Î±-Chain in Normal Human Urine and Plasma. Journal of Biological Chemistry, 1998, 273, 10798-10805.	1.6	54
126	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

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127	The Unusual Species Cross-reactivity of the Leukemia Inhibitory Factor Receptor Î±-Chain Is Determined Primarily by the Immunoglobulin-like Domain. Journal of Biological Chemistry, 1997, 272, 23976-23985.	1.6	39
128	Identification, Purification, and Characterization of a Soluble Interleukin (IL)-13-binding Protein. Journal of Biological Chemistry, 1997, 272, 9474-9480.	1.6	132
129	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
130	Evidence for the formation of a heterotrimeric complex of leukaemia inhibitory factor with its receptor subunits in solution. Biochemical Journal, 1997, 325, 693-700.	1.7	41
131	Leukemia inhibitory factor and its receptor. Growth Factors and Cytokines in Health and Disease, 1997, , 613-668.	0.2	5
132	Cytokine Receptor Expression on Hematopoietic Stem and Progenitor Cells. Blood, 1997, 89, 65-71.	0.6	171
133	Recombinant Soluble Interleukin-11 (IL-11) Receptor Î±-Chain Can Act as an IL-11 Antagonist. Blood, 1997, 90, 4403-4412.	0.6	45
134	Expression and function of members of the cytokine receptor superfamily on breast cancer cells. Oncogene, 1997, 14, 661-669.	2.6	91
135	A family of cytokine-inducible inhibitors of signalling. Nature, 1997, 387, 917-921.	13.7	1,947
136	Cytoplasmic domains of the common beta -chain of the GM-CSF/IL-3/IL-5 receptors that are required for inducing differentiation or clonal suppression in myeloid leukaemic cell lines. EMBO Journal, 1997, 16, 451-464.	3.5	66
137	Strategies for the identification and purification of ligands for orphan biomolecules. International Journal of Peptide Research and Therapeutics, 1997, 4, 107-120.	0.1	2
138	Resonance assignments, secondary structure and topology of leukaemia inhibitory factor in solution. Journal of Biomolecular NMR, 1997, 9, 113-126.	1.6	8
139	Differentiation commitment in normal hemopoiesis and leukemic transformation. , 1997, 173, 131-134.		5
140	The Structural Basis of the Biological Actions of the GMâ€CSF Receptor. Novartis Foundation Symposium, 1997, 204, 19-39.	1.2	7
141	Cytokine Receptor Expression on Hematopoietic Stem and Progenitor Cells. Blood, 1997, 89, 65-71.	0.6	14
142	Recombinant Soluble Interleukin-11 (IL-11) Receptor Î±-Chain Can Act as an IL-11 Antagonist. Blood, 1997, 90, 4403-4412.	0.6	1
143	Leptin can induce proliferation, differentiation, and functional activation of hemopoietic cells. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14564-14568.	3.3	669
144	Purification of a ligand for the EPH-like receptor HEK using a biosensor-based affinity detection approach.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2523-2527.	3.3	89

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145	Molecular Cloning of Two Novel Transmembrane Ligands for Eph-Related Kinases (LERKS) that are Related to LERK-2. Growth Factors, 1996, 13, 141-149.	0.5	19
146	Cloning and characterization of a binding subunit of the interleukin 13 receptor that is also a component of the interleukin 4 receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 497-501.	3.3	397
147	Studies of the c‐Mpl Thrombopoietin Receptor through Gene Disruption and Activation. Stem Cells, 1996, 14, 124-132.	1.4	33
148	Molecular Basis of the Soluble and Membrane-bound Forms of the Murine Leukemia Inhibitory Factor Receptor Î±-Chain. Journal of Biological Chemistry, 1996, 271, 5495-5504.	1.6	38
149	Hematopoietic and lung abnormalities in mice with a null mutation of the common beta subunit of the receptors for granulocyte-macrophage colony-stimulating factor and interleukins 3 and 5.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9565-9569.	3.3	277
150	Specific binding of leukemia inhibitory factor to murine myoblasts in culture. Journal of Cellular Physiology, 1995, 164, 93-98.	2.0	38
151	Structural Aspects of Cytokine/Receptor Interactions. Annals of the New York Academy of Sciences, 1995, 766, 253-262.	1.8	7
152	Interâ€Species Chimeras of Leukemia Inhibitory Factor Define a Human Receptor Binding Sitea. Annals of the New York Academy of Sciences, 1995, 762, 165-178.	1.8	1
153	Complex Binding of Leukemia Inhibitory Factor to Its Membrane-Expressed and Soluble Receptors. Experimental Biology and Medicine, 1994, 206, 295-298.	1.1	9
154	NMR Studies of a Murine-Human Chimera of Leukaemia Inhibitory Factor (LIF). Comparison with Human LIF. Growth Factors, 1994, 11, 271-276.	0.5	7
155	Homology modelling and 1 H NMR studies of human leukaemia inhibitory factor. FEBS Letters, 1994, 350, 275-280.	1.3	13
156	Histidine-367 of the human common beta chain of the receptor is critical for high-affinity binding of human granulocyte-macrophage colony-stimulating factor.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 252-256.	3.3	54
157	The Disulfide Bond Arrangement of Leukemia Inhibitory Factor: Homology to Oncostatin M and Structural Implications. Biochemical and Biophysical Research Communications, 1993, 190, 20-26.	1.0	20
158	The SCL gene product is regulated by and differentially regulates cytokine responses during myeloid leukemic cell differentiation.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 7864-7868.	3.3	50
159	Affinity Conversion of Receptors for Colony Stimulating Factors: Properties of Solubilized Receptors. Growth Factors, 1992, 6, 119-129.	0.5	10
160	The excess numbers of peritoneal macrophages in granulocyte-macrophage colony-stimulating factor transgenic mice are generated by local proliferation.. Journal of Experimental Medicine, 1992, 175, 877-884.	4.2	38
161	A major binding protein for leukemia inhibitory factor in normal mouse serum: identification as a soluble form of the cellular receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 8616-8620.	3.3	133
162	Synergistic suppression: anomalous inhibition of the proliferation of factor-dependent hemopoietic cells by combination of two colony-stimulating factors.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 2819-2823.	3.3	18

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163	Bone marrow cells from A/J mice do not proliferate in interleukin-3 but express normal numbers of interleukin-3 receptors. British Journal of Haematology, 1992, 82, 488-493.	1.2	6
164	Leukemia inhibitory factor levels are elevated in septic shock and various inflammatory body fluids.. Journal of Clinical Investigation, 1992, 90, 2031-2037.	3.9	96
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