

Toshio Hirano

List of Publications by Year in descending order

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198
papers

34,870
citations

3919

88
h-index

3312

184
g-index

198
all docs

198
docs citations

198
times ranked

29394
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-6 in inflammation, autoimmunity and cancer. <i>International Immunology</i> , 2021, 33, 127-148.	1.8	500
2	How COVID-19 induces cytokine storm with high mortality. <i>Inflammation and Regeneration</i> , 2020, 40, 37.	1.5	481
3	Renin-angiotensin system inhibitors and the severity of coronavirus disease 2019 in Kanagawa, Japan: a retrospective cohort study. <i>Hypertension Research</i> , 2020, 43, 1257-1266.	1.5	43
4	COVID-19: A New Virus, but a Familiar Receptor and Cytokine Release Syndrome. <i>Immunity</i> , 2020, 52, 731-733.	6.6	606
5	Mast cells play role in wound healing through the ZnT2/GPR39/IL-6 axis. <i>Scientific Reports</i> , 2019, 9, 10842.	1.6	28
6	Pleiotropy and Specificity: Insights from the Interleukin 6 Family of Cytokines. <i>Immunity</i> , 2019, 50, 812-831.	6.6	335
7	Temporal Expression of Growth Factors Triggered by Epiregulin Regulates Inflammation Development. <i>Journal of Immunology</i> , 2015, 194, 1039-1046.	0.4	62
8	Zinc-binding metallothioneins are key modulators of IL-4 production by basophils. <i>Molecular Immunology</i> , 2015, 66, 180-188.	1.0	20
9	A pain-mediated neural signal induces relapse in murine autoimmune encephalomyelitis, a multiple sclerosis model. <i>ELife</i> , 2015, 4, .	2.8	57
10	Revisiting the 1986 Molecular Cloning of Interleukin 6. <i>Frontiers in Immunology</i> , 2014, 5, 456.	2.2	32
11	IL-6 and Inflammatory Diseases. , 2014, , 53-78.		6
12	Inflammation Amplifier, a New Paradigm in Cancer Biology. <i>Cancer Research</i> , 2014, 74, 8-14.	0.4	178
13	Disease-Association Analysis of an Inflammation-Related Feedback Loop. <i>Cell Reports</i> , 2013, 3, 946-959.	2.9	90
14	IL-6 amplifier activation in epithelial regions of bronchi after allogeneic lung transplantation. <i>International Immunology</i> , 2013, 25, 319-332.	1.8	38
15	The diabetes-susceptible gene SLC30A8/ZnT8 regulates hepatic insulin clearance. <i>Journal of Clinical Investigation</i> , 2013, 123, 4513-4524.	3.9	200
16	IL-6 Amplifier, NF- κ B-Triggered Positive Feedback for IL-6 Signaling, in Grafts Is Involved in Allogeneic Rejection Responses. <i>Journal of Immunology</i> , 2012, 189, 1928-1936.	0.4	59
17	Regional Neural Activation Defines a Gateway for Autoreactive T Cells to Cross the Blood-Brain Barrier. <i>Cell</i> , 2012, 148, 447-457.	13.5	277
18	A Novel Role of the L-Type Calcium Channel α 1D Subunit as a Gatekeeper for Intracellular Zinc Signaling: Zinc Wave. <i>PLoS ONE</i> , 2012, 7, e39654.	1.1	58

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19	The Pathological and Physiological Roles of IL-6 Amplifier Activation. <i>International Journal of Biological Sciences</i> , 2012, 8, 1267-1280.	2.6	55
20	Gab2, via PI-3K, Regulates ARF1 in Fc μ RI-Mediated Granule Translocation and Mast Cell Degranulation. <i>Journal of Immunology</i> , 2011, 187, 932-941.	0.4	40
21	A Four-Step Model for the IL-6 Amplifier, a Regulator of Chronic Inflammations in Tissue-Specific MHC Class II-Associated Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2011, 2, 22.	2.2	42
22	Zinc homeostasis and signaling in health and diseases. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 1123-1134.	1.1	480
23	Local microbleeding facilitates IL-6 μ and IL-17 μ dependent arthritis in the absence of tissue antigen recognition by activated T cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 103-114.	4.2	95
24	Biochemical Characterization of Human ZIP13 Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 40255-40265.	1.6	139
25	The Zinc Transporter SLC39A14/ZIP14 Controls G-Protein Coupled Receptor-Mediated Signaling Required for Systemic Growth. <i>PLoS ONE</i> , 2011, 6, e18059.	1.1	147
26	Interleukin 6 in autoimmune and inflammatory diseases: a personal memoir. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2010, 86, 717-730.	1.6	137
27	Zinc suppresses Th17 development via inhibition of STAT3 activation. <i>International Immunology</i> , 2010, 22, 375-386.	1.8	143
28	IL-6 positively regulates Foxp3+CD8+ T cells in vivo. <i>International Immunology</i> , 2010, 22, 129-139.	1.8	58
29	IFN- γ expression in CD8+ T cells regulated by IL-6 signal is involved in superantigen-mediated CD4+ T cell death. <i>International Immunology</i> , 2009, 21, 73-80.	1.8	16
30	Zinc transporter Znt5/Slc30a5 is required for the mast cell μ mediated delayed-type allergic reaction but not the immediate-type reaction. <i>Journal of Experimental Medicine</i> , 2009, 206, 1351-1364.	4.2	99
31	Hepatic Interleukin-7 Expression Regulates T Cell Responses. <i>Immunity</i> , 2009, 30, 447-457.	6.6	163
32	Essential function for the calcium sensor STIM1 in mast cell activation and anaphylactic responses. <i>Nature Immunology</i> , 2008, 9, 81-88.	7.0	312
33	Intracellular zinc homeostasis and zinc signaling. <i>Cancer Science</i> , 2008, 99, 1515-1522.	1.7	304
34	Roles of Zinc and Zinc Signaling in Immunity: Zinc as an Intracellular Signaling Molecule. <i>Advances in Immunology</i> , 2008, 97, 149-176.	1.1	209
35	Interleukin-17 Promotes Autoimmunity by Triggering a Positive-Feedback Loop via Interleukin-6 Induction. <i>Immunity</i> , 2008, 29, 628-636.	6.6	493
36	c-Cbl-Dependent Monoubiquitination and Lysosomal Degradation of gp130. <i>Molecular and Cellular Biology</i> , 2008, 28, 4805-4818.	1.1	76

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37	Interaction of Scaffolding Adaptor Protein Gab1 with Tyrosine Phosphatase SHP2 Negatively Regulates IGF-I-dependent Myogenic Differentiation via the ERK1/2 Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2008, 283, 24234-24244.	1.6	25
38	The Zinc Transporter SLC39A13/ZIP13 Is Required for Connective Tissue Development; Its Involvement in BMP/TGF- β 2 Signaling Pathways. <i>PLoS ONE</i> , 2008, 3, e3642.	1.1	240
39	IL-6 \rightarrow gp130 \rightarrow STAT3 in T cells directs the development of IL-17+ Th with a minimum effect on that of Treg in the steady state. <i>International Immunology</i> , 2007, 19, 695-702.	1.8	223
40	An essential role for RasGRP1 in mast cell function and IgE-mediated allergic response. <i>Journal of Experimental Medicine</i> , 2007, 204, 93-103.	4.2	69
41	SHP2-mediated signaling cascade through gp130 is essential for LIF-dependent I CaL , [Ca $^{2+}$] $_i$ transient, and APD increase in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 43, 710-716.	0.9	83
42	Zinc is a novel intracellular second messenger. <i>Journal of Cell Biology</i> , 2007, 177, 637-645.	2.3	518
43	Zinc and its transporter ZIP10 are involved in invasive behavior of breast cancer cells. <i>Cancer Science</i> , 2007, 98, 692-697.	1.7	191
44	Epidermal Growth Factor Signaling Mediated by Grb2 Associated Binder1 Is Required for the Spatiotemporally Regulated Proliferation of Olig2-Expressing Progenitors in the Embryonic Spinal Cord. <i>Stem Cells</i> , 2007, 25, 1410-1422.	1.4	22
45	Homeostatically proliferating CD4+ T cells are involved in the pathogenesis of an Omenn syndrome murine model. <i>Journal of Clinical Investigation</i> , 2007, 117, 1270-1281.	3.9	61
46	Gab family proteins are essential for postnatal maintenance of cardiac function via neuregulin-1/ErbB signaling. <i>Journal of Clinical Investigation</i> , 2007, 117, 1771-1781.	3.9	60
47	Grasp a pTyr-Peptide by Its SOCS. <i>Developmental Cell</i> , 2006, 10, 542-544.	3.1	6
48	Toll-like receptor \rightarrow mediated regulation of zinc homeostasis influences dendritic cell function. <i>Nature Immunology</i> , 2006, 7, 971-977.	7.0	326
49	TRIF \rightarrow GEFH1 \rightarrow RhoB pathway is involved in MHCII expression on dendritic cells that is critical for CD4 T-cell activation. <i>EMBO Journal</i> , 2006, 25, 4108-4119.	3.5	61
50	CD1d-restricted NKT cell activation enhanced homeostatic proliferation of CD8+ T cells in a manner dependent on IL-4. <i>International Immunology</i> , 2006, 18, 1397-1404.	1.8	21
51	Autoimmune arthritis associated with mutated interleukin (IL)-6 receptor gp130 is driven by STAT3/IL-7 \rightarrow dependent homeostatic proliferation of CD4+ T cells. <i>Journal of Experimental Medicine</i> , 2006, 203, 1459-1470.	4.2	157
52	Zinc Is Required for Fc γ RI-Mediated Mast Cell Activation. <i>Journal of Immunology</i> , 2006, 177, 1296-1305.	0.4	118
53	IL-2 In Vivo Activities and Antitumor Efficacy Enhanced by an Anti-IL-2 mAb. <i>Journal of Immunology</i> , 2006, 177, 306-314.	0.4	63
54	Fc γ RI-mediated mast cell degranulation requires calcium-independent microtubule-dependent translocation of granules to the plasma membrane. <i>Journal of Cell Biology</i> , 2005, 170, 115-126.	2.3	281

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55	IL-6-STAT3 Controls Intracellular MHC Class II $\hat{\pm}\hat{I}^2$ Dimer Level through Cathepsin S Activity in Dendritic Cells. <i>Immunity</i> , 2005, 23, 491-502.	6.6	191
56	Hyperactivation of gp130-mediated STAT3 signaling induces a rheumatoid arthritis-like disease that is dependent on MHC class II restricted CD4+ T cells. <i>International Congress Series</i> , 2005, 1285, 207-211.	0.2	0
57	Mini Review New IL-6 (gp130) Family Cytokine Members, CLC/NNT1/BSF3 and IL-27. <i>Growth Factors</i> , 2004, 22, 75-77.	0.5	48
58	Development of CD4+ Macrophages from Intrathymic T Cell Progenitors Is Induced by Thymic Epithelial Cells. <i>Journal of Immunology</i> , 2004, 173, 4360-4367.	0.4	14
59	Gab1 Contributes to Cytoskeletal Reorganization and Chemotaxis in Response to Platelet-derived Growth Factor. <i>Journal of Biological Chemistry</i> , 2004, 279, 17897-17904.	1.6	35
60	IL-6 Regulates In Vivo Dendritic Cell Differentiation through STAT3 Activation. <i>Journal of Immunology</i> , 2004, 173, 3844-3854.	0.4	444
61	STAT3 noncell-autonomously controls planar cell polarity during zebrafish convergence and extension. <i>Journal of Cell Biology</i> , 2004, 166, 975-981.	2.3	57
62	The point mutation of tyrosine 759 of the IL-6 family cytokine receptor gp130 synergizes with HTLV-1 pX in promoting rheumatoid arthritis-like arthritis. <i>International Immunology</i> , 2004, 16, 455-465.	1.8	18
63	Zinc transporter LIV1 controls epithelial-mesenchymal transition in zebrafish gastrula organizer. <i>Nature</i> , 2004, 429, 298-302.	13.7	342
64	Genetic evidence for involvement of maternally derived Wnt canonical signaling in dorsal determination in zebrafish. <i>Mechanisms of Development</i> , 2004, 121, 371-386.	1.7	55
65	Downregulation of STAT3 activation is required for presumptive rod photoreceptor cells to differentiate in the postnatal retina. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 258-270.	1.0	45
66	Interleukin-6. , 2004, , 64-70.		0
67	The role of Gab family scaffolding adapter proteins in the signal transduction of cytokine and growth factor receptors. <i>Cancer Science</i> , 2003, 94, 1029-1033.	1.7	174
68	Gab1 is required for EGF receptor signaling and the transformation by activated ErbB2. <i>Oncogene</i> , 2003, 22, 1546-1556.	2.6	71
69	IL-6 induces an anti-inflammatory response in the absence of SOCS3 in macrophages. <i>Nature Immunology</i> , 2003, 4, 551-556.	7.0	706
70	Activation of gp130 Transduces Hypertrophic Signal Through Interaction of Scaffolding/Docking Protein Gab1 With Tyrosine Phosphatase SHP2 in Cardiomyocytes. <i>Circulation Research</i> , 2003, 93, 221-229.	2.0	86
71	Gads/Grb2-Mediated Association with LAT Is Critical for the Inhibitory Function of Gab2 in T Cells. <i>Molecular and Cellular Biology</i> , 2003, 23, 2515-2529.	1.1	58
72	Ogon/Secreted Frizzled functions as a negative feedback regulator of Bmp signaling. <i>Development (Cambridge)</i> , 2003, 130, 2705-2716.	1.2	96

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73	A homeobox gene, pnx, is involved in the formation of posterior neurons in zebrafish. <i>Development</i> (Cambridge), 2003, 130, 1853-1865.	1.2	20
74	Mechanisms and Biological Roles of STAT Activation by the IL-6 Family of Cytokines. , 2003, , 155-175.		1
75	STATs in Cell Mobility and Polarity during Morphogenetic Movement. , 2003, , 595-607.		1
76	Requirement of Gab2 for mast cell development and KitL/c-Kit signaling. <i>Blood</i> , 2002, 99, 1866-1869.	0.6	125
77	A Point Mutation of Tyr-759 in Interleukin 6 Family Cytokine Receptor Subunit gp130 Causes Autoimmune Arthritis. <i>Journal of Experimental Medicine</i> , 2002, 196, 979-990.	4.2	205
78	STAT3 Down-regulates the Expression of Cyclin D during Liver Development. <i>Journal of Biological Chemistry</i> , 2002, 277, 36167-36173.	1.6	62
79	Adapter Molecule Grb2-Associated Binder 1 Is Specifically Expressed in Marginal Zone B Cells and Negatively Regulates Thymus-Independent Antigen-2 Responses. <i>Journal of Immunology</i> , 2002, 168, 5110-5116.	0.4	27
80	Gab1 and SHP-2 promote Ras/MAPK regulation of epidermal growth and differentiation. <i>Journal of Cell Biology</i> , 2002, 159, 103-112.	2.3	77
81	Crystallographic studies on human BST-1/CD157 with ADP-ribosyl cyclase and NAD glycohydrolase activities. <i>Journal of Molecular Biology</i> , 2002, 316, 711-723.	2.0	95
82	A novel repressor-type homeobox gene, ved, is involved in dharma/bozozok-mediated dorsal organizer formation in zebrafish. <i>Mechanisms of Development</i> , 2002, 118, 125-138.	1.7	63
83	Stat3 Controls Cell Movements during Zebrafish Gastrulation. <i>Developmental Cell</i> , 2002, 2, 363-375.	3.1	171
84	Cytokines in autoimmune disease and chronic inflammatory proliferative disease. <i>Cytokine and Growth Factor Reviews</i> , 2002, 13, 297-298.	3.2	10
85	IL-6 in autoimmune disease and chronic inflammatory proliferative disease. <i>Cytokine and Growth Factor Reviews</i> , 2002, 13, 357-368.	3.2	693
86	Molecular basis of the cell specificity of cytokine action. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1592, 281-296.	1.9	98
87	Revival of the autoantibody model in rheumatoid arthritis. <i>Nature Immunology</i> , 2002, 3, 342-344.	7.0	28
88	Regulation of Pim-1 by Hsp90. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 663-669.	1.0	74
89	Regulation of dharma/bozozok by the Wnt Pathway. <i>Developmental Biology</i> , 2001, 231, 397-409.	0.9	79
90	Site-directed removal of N-glycosylation sites in BST-1/CD157: effects on molecular and functional heterogeneity. <i>Biochemical Journal</i> , 2001, 357, 385.	1.7	15

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91	The YXXQ motif in gp 130 is crucial for STAT3 phosphorylation at Ser727 through an H7-sensitive kinase pathway. <i>Oncogene</i> , 2001, 20, 3464-3474.	2.6	65
92	Tissue-Specific Autoregulation of the stat3 Gene and Its Role in Interleukin-6-Induced Survival Signals in T Cells. <i>Molecular and Cellular Biology</i> , 2001, 21, 6615-6625.	1.1	121
93	Docking Protein Gab2 Is Phosphorylated by ZAP-70 and Negatively Regulates T Cell Receptor Signaling by Recruitment of Inhibitory Molecules. <i>Journal of Biological Chemistry</i> , 2001, 276, 45175-45183.	1.6	80
94	Role of Gab1 in Heart, Placenta, and Skin Development and Growth Factor- and Cytokine-Induced Extracellular Signal-Regulated Kinase Mitogen-Activated Protein Kinase Activation. <i>Molecular and Cellular Biology</i> , 2000, 20, 3695-3704.	1.1	240
95	Roles of STAT3 in mediating the cell growth, differentiation and survival signals relayed through the IL-6 family of cytokine receptors. <i>Oncogene</i> , 2000, 19, 2548-2556.	2.6	1,081
96	GATA-1 blocks IL-6-induced macrophage differentiation and apoptosis through the sustained expression of cyclin D1 and Bcl-2 in a murine myeloid cell line M1. <i>Blood</i> , 2000, 95, 1264-1273.	0.6	49
97	Induction of apoptosis by extracellular ubiquitin in human hematopoietic cells: possible involvement of STAT3 degradation by proteasome pathway in interleukin 6-dependent hematopoietic cells. <i>Blood</i> , 2000, 95, 2577-2585.	0.6	105
98	Full Oncogenic Activities of v-Src Are Mediated by Multiple Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2000, 275, 24096-24105.	1.6	59
99	gp130-mediated signalling as a therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2000, 4, 459-479.	1.0	2
100	Zebrafish Dkk1 Functions in Forebrain Specification and Axial Mesendoderm Formation. <i>Developmental Biology</i> , 2000, 217, 138-152.	0.9	178
101	Analysis of Upstream Elements in the HuC Promoter Leads to the Establishment of Transgenic Zebrafish with Fluorescent Neurons. <i>Developmental Biology</i> , 2000, 227, 279-293.	0.9	382
102	Dissection of Signaling Cascades through gp130 In Vivo. <i>Immunity</i> , 2000, 12, 95-105.	6.6	230
103	Expression of the zinc finger gene fez-like in zebrafish forebrain. <i>Mechanisms of Development</i> , 2000, 97, 191-195.	1.7	67
104	Cooperative roles of Bozozok/Dharma and Nodal-related proteins in the formation of the dorsal organizer in zebrafish. <i>Mechanisms of Development</i> , 2000, 91, 293-303.	1.7	107
105	Gab-Family Adapter Molecules in Signal Transduction of Cytokine and Growth Factor Receptors, and T and B Cell Antigen Receptors. <i>Leukemia and Lymphoma</i> , 2000, 37, 299-307.	0.6	81
106	Induction of apoptosis by extracellular ubiquitin in human hematopoietic cells: possible involvement of STAT3 degradation by proteasome pathway in interleukin 6-dependent hematopoietic cells. <i>Blood</i> , 2000, 95, 2577-2585.	0.6	8
107	Both Stat3-Activation and Stat3-Independent BCL2 Downregulation Are Important for Interleukin-6-Induced Apoptosis of 1A9-M Cells. <i>Blood</i> , 1999, 93, 1346-1354.	0.6	37
108	Gab-Family Adapter Proteins Act Downstream of Cytokine and Growth Factor Receptors and T- and B-Cell Antigen Receptors. <i>Blood</i> , 1999, 93, 1809-1816.	0.6	241

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109	STAT3 Is Required for the gp130-mediated Full Activation of the c-myc Gene. <i>Journal of Experimental Medicine</i> , 1999, 189, 63-73.	4.2	365
110	A Novel Oncostatin M-inducible Gene OIG37 Forms a Gene Family with MyD118 and GADD45 and Negatively Regulates Cell Growth. <i>Journal of Biological Chemistry</i> , 1999, 274, 24766-24772.	1.6	43
111	Engagement of Gab1 and Gab2 in Erythropoietin Signaling. <i>Journal of Biological Chemistry</i> , 1999, 274, 24469-24474.	1.6	88
112	Interleukin-6 and oncostatin M-induced growth inhibition of human A375 melanoma cells is STAT-dependent and involves upregulation of the cyclin-dependent kinase inhibitor p27/Kip1. <i>Oncogene</i> , 1999, 18, 3742-3753.	2.6	130
113	Signaling Through Gp130: Toward a General Scenario of Cytokine Action. <i>Growth Factors</i> , 1999, 17, 81-91.	0.5	27
114	Synergistic Roles for Pim-1 and c-Myc in STAT3-Mediated Cell Cycle Progression and Antiapoptosis. <i>Immunity</i> , 1999, 11, 709-719.	6.6	393
115	Molecular Basis Underlying Functional Pleiotropy of Cytokines and Growth Factors. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 303-308.	1.0	43
116	Molecular Cloning and Characterization of a Surface Antigen Preferentially Overexpressed on Multiple Myeloma Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 258, 583-591.	1.0	189
117	Both Stat3-Activation and Stat3-Independent BCL2 Downregulation Are Important for Interleukin-6-Induced Apoptosis of 1A9-M Cells. <i>Blood</i> , 1999, 93, 1346-1354.	0.6	5
118	Interleukin 6 and its Receptor: Ten Years Later. <i>International Reviews of Immunology</i> , 1998, 16, 249-284.	1.5	696
119	Signal Transduction Through Cytokine Receptors. <i>International Reviews of Immunology</i> , 1998, 17, 75-102.	1.5	29
120	Gab1 Acts as an Adapter Molecule Linking the Cytokine Receptor gp130 to ERK Mitogen-Activated Protein Kinase. <i>Molecular and Cellular Biology</i> , 1998, 18, 4109-4117.	1.1	258
121	Involvement of Prolonged Ras Activation in Thrombopoietin-Induced Megakaryocytic Differentiation of a Human Factor-Dependent Hematopoietic Cell Line. <i>Molecular and Cellular Biology</i> , 1998, 18, 4282-4290.	1.1	77
122	A Novel Function of Stat1 and Stat3 Proteins in Erythropoietin-Induced Erythroid Differentiation of a Human Leukemia Cell Line. <i>Blood</i> , 1998, 92, 462-471.	0.6	40
123	Autoregulation of the Stat3 Gene through Cooperation with a cAMP-responsive Element-binding Protein. <i>Journal of Biological Chemistry</i> , 1998, 273, 6132-6138.	1.6	153
124	A Novel Function of Stat1 and Stat3 Proteins in Erythropoietin-Induced Erythroid Differentiation of a Human Leukemia Cell Line. <i>Blood</i> , 1998, 92, 462-471.	0.6	3
125	Involvement of STAT3 in the Granulocyte Colony-stimulating Factor-induced Differentiation of Myeloid Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 25184-25189.	1.6	172
126	Association of Stat3-Dependent Transcriptional Activation of p19INK4D with IL-6-Induced Growth Arrest. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 764-768.	1.0	36

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127	Signaling mechanisms through gp130: A model of the cytokine system. <i>Cytokine and Growth Factor Reviews</i> , 1997, 8, 241-252.	3.2	345
128	Overexpression of neurogenin induces ectopic expression of HuC in zebrafish. <i>Neuroscience Letters</i> , 1997, 239, 113-116.	1.0	81
129	An alternative pathway for STAT activation that is mediated by the direct interaction between JAK and STAT. <i>Oncogene</i> , 1997, 14, 751-761.	2.6	148
130	Tec tyrosine kinase links the cytokine receptors to PI-3 kinase probably through JAK. <i>Oncogene</i> , 1997, 14, 2273-2282.	2.6	86
131	Two Signals Are Necessary for Cell Proliferation Induced by a Cytokine Receptor gp130: Involvement of STAT3 in Anti-Apoptosis. <i>Immunity</i> , 1996, 5, 449-460.	6.6	618
132	Elevated levels of the soluble form of bone marrow stromal cell antigen 1 in the sera of patients with severe rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1996, 39, 629-637.	6.7	38
133	Genomic structure of human BST-1. <i>Immunology Letters</i> , 1996, 54, 1-4.	1.1	30
134	Interferon- β -dependent Nuclear Import of Stat1 Is Mediated by the GTPase Activity of Ran/TC4. <i>Journal of Biological Chemistry</i> , 1996, 271, 31017-31020.	1.6	99
135	Stage-specific expression of mouse BST-1/BP-3 on the early B and T cell progenitors prior to gene rearrangement of antigen receptor. <i>International Immunology</i> , 1996, 8, 1395-1404.	1.8	27
136	Activation of Fes Tyrosine Kinase by gp130, an Interleukin-6 Family Cytokine Signal Transducer, and Their Association. <i>Journal of Biological Chemistry</i> , 1995, 270, 11037-11039.	1.6	116
137	Triggering of the Human Interleukin-6 Gene by Interferon- β and Tumor Necrosis Factor- α in Monocytic Cells Involves Cooperation between Interferon Regulatory Factor-1, NF- κ B, and Sp1 Transcription Factors. <i>Journal of Biological Chemistry</i> , 1995, 270, 27920-27931.	1.6	190
138	ERM, a PEA3 Subfamily of Ets Transcription Factors, Can Cooperate with c-Jun. <i>Journal of Biological Chemistry</i> , 1995, 270, 23795-23800.	1.6	49
139	Molecular cloning and chromosomal mapping of a bone marrow stromal cell surface gene, BST2, that may be involved in pre-B-cell growth. <i>Genomics</i> , 1995, 26, 527-534.	1.3	197
140	Signal Transduction through IL-6 Receptor: Involvement of Multiple Protein Kinases, Stat Factors, and a Novel H7 α -sensitive Pathway. <i>Annals of the New York Academy of Sciences</i> , 1995, 762, 55-70.	1.8	38
141	Signal transduction through gp130 that is shared among the receptors for the interleukin 6 related cytokine subfamily. <i>Stem Cells</i> , 1994, 12, 262-277.	1.4	171
142	ADP ribosyl cyclase activity of a novel bone marrow stromal cell surface molecule, BST-1. <i>FEBS Letters</i> , 1994, 356, 244-248.	1.3	147
143	Transcriptional activation of the interleukin-6 gene by HTLV-1 p40tax through an NF- κ B-like binding site. <i>Immunology Letters</i> , 1993, 37, 159-165.	1.1	29
144	Abnormal distribution of IL-6 receptor in aged MRL/lpr mice: elevated expression on B cells and absence on CD4 ⁺ cells. <i>International Immunology</i> , 1992, 4, 1407-1412.	1.8	31

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145	The Biology of Interleukin-6. <i>Chemical Immunology and Allergy</i> , 1992, 51, 153-180.	1.7	33
146	Interleukin-6 and its relation to inflammation and disease. <i>Clinical Immunology and Immunopathology</i> , 1992, 62, S60-S65.	2.1	184
147	Interleukin-6 Receptor and Signals. <i>Chemical Immunology and Allergy</i> , 1992, 51, 181-204.	1.7	11
148	The Biology of Interleukin-6 (Part 1 of 2). <i>Chemical Immunology and Allergy</i> , 1992, 51, 153-166.	1.7	55
149	Soluble Interleukin-6 Receptor Is Released from Receptor-bearing Cell Lines <i>in vitro</i> . <i>Japanese Journal of Cancer Research</i> , 1992, 83, 373-378.	1.7	33
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