

David E Levy

List of Publications by Year in descending order

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219
papers

37,140
citations

2426

97
h-index

2949

189
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240
all docs

240
docs citations

240
times ranked

36658
citing authors

#	ARTICLE	IF	CITATIONS
1	STATs: transcriptional control and biological impact. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 651-662.	16.1	2,788
2	IL-6 programs TH-17 cell differentiation by promoting sequential engagement of the IL-21 and IL-23 pathways. <i>Nature Immunology</i> , 2007, 8, 967-974.	7.0	1,873
3	Targeted Disruption of the Mouse Stat1 Gene Results in Compromised Innate Immunity to Viral Disease. <i>Cell</i> , 1996, 84, 443-450.	13.5	1,450
4	Gr-1+CD115+ Immature Myeloid Suppressor Cells Mediate the Development of Tumor-Induced T Regulatory Cells and T-Cell Anergy in Tumor-Bearing Host. <i>Cancer Research</i> , 2006, 66, 1123-1131.	0.4	1,225
5	JAK-STAT Signaling: From Interferons to Cytokines. <i>Journal of Biological Chemistry</i> , 2007, 282, 20059-20063.	1.6	1,057
6	Differential viral induction of distinct interferon-alpha genes by positive feedback through interferon regulatory factor-7. <i>EMBO Journal</i> , 1998, 17, 6660-6669.	3.5	932
7	Influenza A Virus Lacking the NS1 Gene Replicates in Interferon-Deficient Systems. <i>Virology</i> , 1998, 252, 324-330.	1.1	913
8	What does Stat3 do?. <i>Journal of Clinical Investigation</i> , 2002, 109, 1143-1148.	3.9	668
9	Mitochondrial STAT3 Supports Ras-Dependent Oncogenic Transformation. <i>Science</i> , 2009, 324, 1713-1716.	6.0	622
10	Interferon-induced nuclear factors that bind a shared promoter element correlate with positive and negative transcriptional control.. <i>Genes and Development</i> , 1988, 2, 383-393.	2.7	554
11	Regional cerebral blood flow and glucose metabolism following transient forebrain ischemia. <i>Annals of Neurology</i> , 1982, 11, 499-509.	2.8	550
12	Epigenetic Regulation of Foxp3 Expression in Regulatory T Cells by DNA Methylation. <i>Journal of Immunology</i> , 2009, 182, 259-273.	0.4	498
13	Stat3 and Stat4 Direct Development of IL-17-Secreting Th Cells. <i>Journal of Immunology</i> , 2007, 178, 4901-4907.	0.4	490
14	Cytoplasmic activation of ISGF3, the positive regulator of interferon-alpha-stimulated transcription, reconstituted in vitro.. <i>Genes and Development</i> , 1989, 3, 1362-1371.	2.7	477
15	ISGF3, the transcriptional activator induced by interferon alpha, consists of multiple interacting polypeptide chains.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 8555-8559.	3.3	441
16	What does Stat3 do?. <i>Journal of Clinical Investigation</i> , 2002, 109, 1143-1148.	3.9	436
17	Predicting Outcome From Hypoxic-Ischemic Coma. <i>JAMA - Journal of the American Medical Association</i> , 1985, 253, 1420.	3.8	423
18	Stat3 is required for ALK-mediated lymphomagenesis and provides a possible therapeutic target. <i>Nature Medicine</i> , 2005, 11, 623-629.	15.2	406

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19	A cryptic sensor for HIV-1 activates antiviral innate immunity in dendritic cells. <i>Nature</i> , 2010, 467, 214-217.	13.7	397
20	Interferon-induced transcription of a gene encoding a 15-kDa protein depends on an upstream enhancer element.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 6394-6398.	3.3	387
21	The virus battles: IFN induction of the antiviral state and mechanisms of viral evasion. <i>Cytokine and Growth Factor Reviews</i> , 2001, 12, 143-156.	3.2	374
22	Constitutive Type I Interferon Modulates Homeostatic Balance through Tonic Signaling. <i>Immunity</i> , 2012, 36, 166-174.	6.6	372
23	Interferon-induced nuclear signalling by Jak protein tyrosine kinases. <i>Nature</i> , 1993, 366, 583-585.	13.7	363
24	Prognosis in Nontraumatic Coma. <i>Annals of Internal Medicine</i> , 1981, 94, 293.	2.0	360
25	<i>STAT3</i> Plays a Critical Role in <i>KRAS</i> -Induced Pancreatic Tumorigenesis. <i>Cancer Research</i> , 2011, 71, 5020-5029.	0.4	358
26	Chemokine Gene Silencing in Decidual Stromal Cells Limits T Cell Access to the Maternal-Fetal Interface. <i>Science</i> , 2012, 336, 1317-1321.	6.0	358
27	Essential role of STAT3 for embryonic stem cell pluripotency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 2846-2851.	3.3	357
28	Ras-independent growth factor signaling by transcription factor tyrosine phosphorylation. <i>Science</i> , 1993, 261, 1736-1739.	6.0	356
29	Anaplastic lymphoma kinase (ALK) activates Stat3 and protects hematopoietic cells from cell death. <i>Oncogene</i> , 2002, 21, 1038-1047.	2.6	354
30	FGF signaling inhibits chondrocyte proliferation and regulates bone development through the STAT-1 pathway. <i>Genes and Development</i> , 1999, 13, 1361-1366.	2.7	341
31	Central role for type I interferons and Tyk2 in lipopolysaccharide-induced endotoxin shock. <i>Nature Immunology</i> , 2003, 4, 471-477.	7.0	337
32	Analysis of Interleukin-21-Induced Prdm1 Gene Regulation Reveals Functional Cooperation of STAT3 and IRF4 Transcription Factors. <i>Immunity</i> , 2009, 31, 941-952.	6.6	317
33	Interferon-alpha regulates nuclear translocation and DNA-binding affinity of ISGF3, a multimeric transcriptional activator.. <i>Genes and Development</i> , 1990, 4, 1753-1765.	2.7	312
34	Identification of a PTEN-regulated STAT3 brain tumor suppressor pathway. <i>Genes and Development</i> , 2008, 22, 449-462.	2.7	296
35	IFN β signaling—Does it mean JAK—STAT?. <i>Cytokine and Growth Factor Reviews</i> , 2008, 19, 383-394.	3.2	292
36	Stat5 Is Essential for the Myelo- and Lymphoproliferative Disease Induced by TEL/JAK2. <i>Molecular Cell</i> , 2000, 6, 693-704.	4.5	289

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37	Novel roles of unphosphorylated STAT3 in oncogenesis and transcriptional regulation. <i>Cancer Research</i> , 2005, 65, 939-47.	0.4	286
38	Hepatitis C Virus Nonstructural 5A Protein Induces Interleukin-8, Leading to Partial Inhibition of the Interferon-Induced Antiviral Response. <i>Journal of Virology</i> , 2001, 75, 6095-6106.	1.5	285
39	The Role of Interferon in Influenza Virus Tissue Tropism. <i>Journal of Virology</i> , 1998, 72, 8550-8558.	1.5	276
40	Type I IFN Modulates Innate and Specific Antiviral Immunity. <i>Journal of Immunology</i> , 2000, 164, 4220-4228.	0.4	270
41	Intravenous Ancrod for Treatment of Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2000, 283, 2395.	3.8	262
42	Induction and function of type I and III interferon in response to viral infection. <i>Current Opinion in Virology</i> , 2011, 1, 476-486.	2.6	260
43	The molecular basis of IL-21-mediated proliferation. <i>Blood</i> , 2007, 109, 4135-4142.	0.6	248
44	Influenza virus targets the mRNA export machinery and the nuclear pore complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1853-1858.	3.3	244
45	A STAT3-mediated metabolic switch is involved in tumour transformation and STAT3 addiction. <i>Aging</i> , 2010, 2, 823-842.	1.4	231
46	Cooperation between STAT3 and c-Jun Suppresses Fas Transcription. <i>Molecular Cell</i> , 2001, 7, 517-528.	4.5	227
47	Two interferon-induced nuclear factors bind a single promoter element in interferon-stimulated genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 8521-8525.	3.3	221
48	Mechanism of STAT3 Activation by Insulin-like Growth Factor I Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 15099-15105.	1.6	221
49	STAT3 Is a Negative Regulator of Granulopoiesis but Is Not Required for G-CSF-Dependent Differentiation. <i>Immunity</i> , 2002, 17, 63-72.	6.6	220
50	A Kaposi's sarcoma-associated herpesviral protein inhibits virus-mediated induction of type I interferon by blocking IRF-7 phosphorylation and nuclear accumulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5573-5578.	3.3	219
51	Roles of JAKs in Activation of STATs and Stimulation of c-fos Gene Expression by Epidermal Growth Factor. <i>Molecular and Cellular Biology</i> , 1996, 16, 369-375.	1.1	210
52	IRF3 and IRF7 Phosphorylation in Virus-infected Cells Does Not Require Double-stranded RNA-dependent Protein Kinase R or I β B Kinase but Is Blocked by Vaccinia Virus E3L Protein. <i>Journal of Biological Chemistry</i> , 2001, 276, 8951-8957.	1.6	206
53	c-Maf Regulates IL-10 Expression during Th17 Polarization. <i>Journal of Immunology</i> , 2009, 182, 6226-6236.	0.4	202
54	Adaptation of potato to high temperatures and salinity-a review. <i>American Journal of Potato Research</i> , 2007, 84, 487-506.	0.5	200

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55	Stat Protein Transactivation Domains Recruit p300/CBP through Widely Divergent Sequences. Journal of Biological Chemistry, 1999, 274, 25343-25349.	1.6	199
56	The Transcription Factor STAT3 Is Required for T Helper 2 Cell Development. Immunity, 2011, 34, 39-49.	6.6	197
57	Induction of interferon-stimulated gene expression and antiviral responses require protein deacetylase activity. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9578-9583.	3.3	194
58	Distinct Requirements for IFNs and STAT1 in NK Cell Function. Journal of Immunology, 2000, 165, 3571-3577.	0.4	187
59	Differences in cerebral blood flow and glucose utilization in vegetative versus locked-in patients. Annals of Neurology, 1987, 22, 673-682.	2.8	185
60	Essential Role of STAT3 in Postnatal Survival and Growth Revealed by Mice Lacking STAT3 Serine 727 Phosphorylation. Molecular and Cellular Biology, 2004, 24, 407-419.	1.1	181
61	Interferon-stimulated transcription: isolation of an inducible gene and identification of its regulatory region.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 8929-8933.	3.3	179
62	Molecular interactions between interferon consensus sequence binding protein and members of the interferon regulatory factor family.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 5046-5050.	3.3	174
63	Specificity of signaling by STAT1 depends on SH2 and C-terminal domains that regulate Ser727 phosphorylation, differentially affecting specific target gene expression. EMBO Journal, 2001, 20, 91-100.	3.5	171
64	Activation of Acute Phase Response Factor (APRF)/Stat3 Transcription Factor by Growth Hormone. Journal of Biological Chemistry, 1995, 270, 3974-3979.	1.6	166
65	IL-21 Mediates Suppressive Effects via Its Induction of IL-10. Journal of Immunology, 2009, 182, 2859-2867.	0.4	163
66	STAT3 Negatively Regulates Type I IFN-Mediated Antiviral Response. Journal of Immunology, 2011, 187, 2578-2585.	0.4	156
67	STAT1-deficient mice spontaneously develop estrogen receptor $\hat{\pm}$ -positive luminal mammary carcinomas. Breast Cancer Research, 2012, 14, R16.	2.2	155
68	Role of Nucleoporin Induction in Releasing an mRNA Nuclear Export Block. Science, 2002, 295, 1523-1525.	6.0	154
69	Review: Enhancement and Diversification of IFN Induction by IRF-7-Mediated Positive Feedback. Journal of Interferon and Cytokine Research, 2002, 22, 87-93.	0.5	153
70	Proto-oncogene PML controls genes devoted to MHC class I antigen presentation. Nature, 1998, 396, 373-376.	13.7	149
71	Production of Type I IFN Sensitizes Macrophages to Cell Death Induced by <i>Listeria monocytogenes</i> . Journal of Immunology, 2002, 169, 6522-6529.	0.4	144
72	Combinatorial association and abundance of components of interferon-stimulated gene factor 3 dictate the selectivity of interferon responses.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 5645-5649.	3.3	143

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73	STAT1 acts as a tumor promoter for leukemia development. <i>Cancer Cell</i> , 2006, 10, 77-87.	7.7	136
74	STAT3 regulated ARF expression suppresses prostate cancer metastasis. <i>Nature Communications</i> , 2015, 6, 7736.	5.8	136
75	Stat2 Is a Transcriptional Activator That Requires Sequence-specific Contacts Provided by Stat1 and p48 for Stable Interaction with DNA. <i>Journal of Biological Chemistry</i> , 1997, 272, 4600-4605.	1.6	135
76	STAT1-regulated lung MDSC-like cells produce IL-10 and efferocytose apoptotic neutrophils with relevance in resolution of bacterial pneumonia. <i>Mucosal Immunology</i> , 2013, 6, 189-199.	2.7	135
77	Functional Crosstalk between Type I and II Interferon through the Regulated Expression of STAT1. <i>PLoS Biology</i> , 2010, 8, e1000361.	2.6	134
78	STAT1 Affects Lymphocyte Survival and Proliferation Partially Independent of Its Role Downstream of IFN- β . <i>Journal of Immunology</i> , 2000, 164, 1286-1292.	0.4	132
79	Phosphorylation-Induced Dimerization of Interferon Regulatory Factor 7 Unmasks DNA Binding and a Bipartite Transactivation Domain. <i>Molecular and Cellular Biology</i> , 2000, 20, 8803-8814.	1.1	131
80	Inhibition of Nonsense-Mediated RNA Decay by the Tumor Microenvironment Promotes Tumorigenesis. <i>Molecular and Cellular Biology</i> , 2011, 31, 3670-3680.	1.1	131
81	Ringing the interferon alarm: differential regulation of gene expression at the interface between innate and adaptive immunity. <i>Current Opinion in Immunology</i> , 2003, 15, 52-58.	2.4	130
82	Transcription of interferon-stimulated genes is induced by adenovirus particles but is suppressed by E1A gene products. <i>Journal of Virology</i> , 1988, 62, 114-119.	1.5	130
83	ISGF3 β p48, a specificity switch for interferon activated transcription factors. <i>Cytokine and Growth Factor Reviews</i> , 1996, 7, 11-17.	3.2	129
84	Acute phase response factor and additional members of the interferon-stimulated gene factor 3 family integrate diverse signals from cytokines, interferons, and growth factors. <i>Journal of Biological Chemistry</i> , 1994, 269, 24391-5.	1.6	121
85	Deletion of Stat3 Blocks Mammary Gland Involution and Extends Functional Competence of the Secretory Epithelium in the Absence of Lactogenic Stimuli. <i>Endocrinology</i> , 2002, 143, 3641-3650.	1.4	117
86	Inhibition of Interferon Regulatory Factor 7 (IRF7)-Mediated Interferon Signal Transduction by the Kaposi's Sarcoma-Associated Herpesvirus Viral IRF Homolog vIRF3. <i>Journal of Virology</i> , 2007, 81, 8282-8292.	1.5	115
87	STAT1 mediates the increased apoptosis and reduced chondrocyte proliferation in mice overexpressing FGF2. <i>Development (Cambridge)</i> , 2001, 128, 2119-2129.	1.2	115
88	Tissue-specific Positive Feedback Requirements for Production of Type I Interferon following Virus Infection. <i>Journal of Biological Chemistry</i> , 2005, 280, 18651-18657.	1.6	114
89	New and Old Functions of STAT3: A Pivotal Target for Individualized Treatment of Cancer. <i>Cell Cycle</i> , 2005, 4, 1131-1133.	1.3	111
90	IFN-Stimulated transcription through a TBP-free acetyltransferase complex escapes viral shutoff. <i>Nature Cell Biology</i> , 2002, 4, 140-147.	4.6	110

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91	Spatiotemporal trafficking of HIV in human plasmacytoid dendritic cells defines a persistently IFN- γ -producing and partially matured phenotype. <i>Journal of Clinical Investigation</i> , 2011, 121, 1088-1101.	3.9	110
92	The MEK-ERK Pathway Is Necessary for Serine Phosphorylation of Mitochondrial STAT3 and Ras-Mediated Transformation. <i>PLoS ONE</i> , 2013, 8, e83395.	1.1	108
93	Role of p38 β Map Kinase in Type I Interferon Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 970-979.	1.6	106
94	Malignant Transformation but not Normal Cell Growth Depends on Signal Transducer and Activator of Transcription 3. <i>Cancer Research</i> , 2005, 65, 5828-5834.	0.4	103
95	Differentiation of Monocytes to Macrophages Switches the <i>Mycobacterium tuberculosis</i> Effect on HIV-1 Replication from Stimulation to Inhibition: Modulation of Interferon Response and CCAAT/Enhancer Binding Protein β Expression. <i>Journal of Immunology</i> , 2000, 165, 2028-2039.	0.4	102
96	Genetic elements used for a murine lupus anti-DNA autoantibody are closely related to those for antibodies to exogenous antigens.. <i>Journal of Experimental Medicine</i> , 1985, 161, 805-815.	4.2	101
97	The Nucleoporin Nup96 Is Required for Proper Expression of Interferon-Regulated Proteins and Functions. <i>Immunity</i> , 2006, 24, 295-304.	6.6	100
98	Nuclear and cytoplasmic mRNA quantification by SYBR green based real-time RT-PCR. <i>Methods</i> , 2006, 39, 356-362.	1.9	100
99	Identification of a Stat3-Dependent Transcription Regulatory Network Involved in Metastatic Progression. <i>Cancer Research</i> , 2009, 69, 6823-6830.	0.4	96
100	Divergent roles of STAT1 and STAT5 in malignancy as revealed by gene disruptions in mice. <i>Oncogene</i> , 2000, 19, 2505-2510.	2.6	95
101	Disruption of the β -Interferon Signaling Pathway at the Level of Signal Transducer and Activator of Transcription-1 Prevents Immune Destruction of β -cells. <i>Diabetes</i> , 2005, 54, 2396-2403.	0.3	95
102	Knockdown of Stat3 activity in vivo prevents diabetic glomerulopathy. <i>Kidney International</i> , 2009, 76, 63-71.	2.6	95
103	Expression of Many Immunologically Important Genes in <i>Mycobacterium tuberculosis</i> -Infected Macrophages Is Independent of Both TLR2 and TLR4 but Dependent on IFN- γ Receptor and STAT1. <i>Journal of Immunology</i> , 2005, 175, 3318-3328.	0.4	93
104	PKR Transduces MDA5-Dependent Signals for Type I IFN Induction. <i>PLoS Pathogens</i> , 2016, 12, e1005489.	2.1	91
105	Communications between vertebro-basilar and carotid arterial circulations in the gerbil. <i>Experimental Neurology</i> , 1974, 45, 503-508.	2.0	89
106	STAT3: A multifaceted oncogene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10151-10152.	3.3	89
107	Nucleoporin Levels Regulate Cell Cycle Progression and Phase-Specific Gene Expression. <i>Developmental Cell</i> , 2008, 15, 657-667.	3.1	88
108	Ancrod in Acute Ischemic Stroke. <i>Stroke</i> , 2009, 40, 3796-3803.	1.0	88

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109	Regulation of Interferon- α Responsiveness by the Duration of Janus Kinase Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 21872-21877.	1.6	86
110	Cytokines and Growth factors signal through tyrosine phosphorylation of a family of related transcription factors. <i>Immunity</i> , 1994, 1, 457-468.	6.6	85
111	Parathyroid Hormone-related Protein Interacts with RNA. <i>Journal of Biological Chemistry</i> , 1999, 274, 4832-4838.	1.6	85
112	Hyperfibrinogenemia and Functional Outcome From Acute Ischemic Stroke. <i>Stroke</i> , 2009, 40, 1687-1691.	1.0	84
113	Interactions of alpha- and gamma-interferon in the transcriptional regulation of the gene encoding a guanylate-binding protein. <i>EMBO Journal</i> , 1989, 8, 2009-14.	3.5	81
114	Mitochondrial dysfunction induced by a SH2 domain-targeting STAT3 inhibitor leads to metabolic synthetic lethality in cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4924-E4933.	3.3	80
115	Prolactin, growth hormone, erythropoietin and granulocyte-macrophage colony stimulating factor induce MGF-Stat5 DNA binding activity. <i>EMBO Journal</i> , 1995, 14, 2005-13.	3.5	79
116	IL-6 signaling via the STAT3/SOCS3 pathway: Functional Analysis of the Conserved STAT3 N-domain. <i>Molecular and Cellular Biochemistry</i> , 2006, 288, 179-189.	1.4	76
117	The Zinc Finger Antiviral Protein Acts Synergistically with an Interferon-Induced Factor for Maximal Activity against Alphaviruses. <i>Journal of Virology</i> , 2007, 81, 13509-13518.	1.5	76
118	Whence Interferon? Variety in the Production of Interferon in Response to Viral Infection. <i>Journal of Experimental Medicine</i> , 2002, 195, F15-F18.	4.2	75
119	Adaptation of Potato to Water Shortage: Irrigation Management and Enhancement of Tolerance to Drought and Salinity. <i>American Journal of Potato Research</i> , 2013, 90, 186-206.	0.5	74
120	STAT3 positively regulates an early step in B-cell development. <i>Blood</i> , 2006, 108, 3005-3011.	0.6	72
121	Differential Regulation of Constitutive Major Histocompatibility Complex Class I Expression in T and B Lymphocytes. <i>Journal of Experimental Medicine</i> , 1999, 190, 1451-1464.	4.2	68
122	Acetylation of Interferon Regulatory Factor-7 by p300/CREB-binding Protein (CBP)-associated Factor (PCAF) Impairs its DNA Binding. <i>Journal of Biological Chemistry</i> , 2002, 277, 49417-49421.	1.6	67
123	Delayed pentobarbital administration limits ischemic brain damage in gerbils. <i>Annals of Neurology</i> , 1979, 5, 59-64.	2.8	66
124	Reduction of Stat3 Activity Attenuates HIV-Induced Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 2138-2146.	3.0	65
125	A novel role for STAT1 in regulating murine erythropoiesis: deletion of STAT1 results in overall reduction of erythroid progenitors and alters their distribution. <i>Blood</i> , 2005, 105, 552-561.	0.6	64
126	Regulatory Serine Residues Mediate Phosphorylation-dependent and Phosphorylation-independent Activation of Interferon Regulatory Factor 7. <i>Journal of Biological Chemistry</i> , 2005, 280, 17671-17677.	1.6	62

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127	The kinase TBK1 functions in dendritic cells to regulate T cell homeostasis, autoimmunity, and antitumor immunity. <i>Journal of Experimental Medicine</i> , 2017, 214, 1493-1507.	4.2	62
128	Differential regulation of TSG-14 expression in murine fibroblasts and peritoneal macrophages. <i>Journal of Leukocyte Biology</i> , 2000, 67, 387-395.	1.5	61
129	Stat1 and Stat2 but Not Stat3 Arbitrate Contradictory Growth Signals Elicited by Alpha/Beta Interferon in T Lymphocytes. <i>Molecular and Cellular Biology</i> , 2005, 25, 5456-5465.	1.1	61
130	RIGging an antiviral defense—it's in the CARDs. <i>Nature Immunology</i> , 2004, 5, 699-701.	7.0	58
131	Insertional Mutagenesis Identifies a STAT3/Arid1b/Î²-catenin Pathway Driving Neurofibroma Initiation. <i>Cell Reports</i> , 2016, 14, 1979-1990.	2.9	55
132	CELL SIGNALING: Stat Acetylation-A Key Facet of Cytokine Signaling?. <i>Science</i> , 2005, 307, 217-218.	6.0	54
133	Regulation of IRF7 through cell type-specific protein stability. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 50-56.	1.0	53
134	Inhibition of pyrimidine synthesis reverses viral virulence factor-mediated block of mRNA nuclear export. <i>Journal of Cell Biology</i> , 2012, 196, 315-326.	2.3	53
135	Transcriptional stimulation by CaPO4-DNA precipitates. <i>Nucleic Acids Research</i> , 1988, 16, 1371-1378.	6.5	52
136	Comparison of radio-labeled butanol and iodoantipyrine as cerebral blood flow markers. <i>Brain Research</i> , 1981, 222, 365-372.	1.1	51
137	Distinct Inflammatory Signals Have Physiologically Divergent Effects on Epigenetic Regulation of Foxp3 Expression and Treg Function. <i>American Journal of Transplantation</i> , 2011, 11, 203-214.	2.6	51
138	TLR4 Engagement during TLR3-Induced Proinflammatory Signaling in Dendritic Cells Promotes IL-10-Mediated Suppression of Antitumor Immunity. <i>Cancer Research</i> , 2011, 71, 5467-5476.	0.4	51
139	STAT3 supports experimental K-RasG12D-induced murine myeloproliferative neoplasms dependent on serine phosphorylation. <i>Blood</i> , 2014, 124, 2252-2261.	0.6	51
140	Genotypic variation in the response of potatoes (<i>Solanum tuberosum</i> L.) to high ambient temperatures and water deficit. <i>Field Crops Research</i> , 1986, 15, 85-96.	2.3	50
141	The Proximal Tyrosines of the Cytoplasmic Domain of the Î² Chain of the Type I Interferon Receptor Are Essential for Signal Transducer and Activator of Transcription (Stat) 2 Activation. <i>Journal of Biological Chemistry</i> , 1999, 274, 4045-4052.	1.6	48
142	Nongenomic STAT5-dependent effects on Golgi apparatus and endoplasmic reticulum structure and function. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C804-C820.	2.1	48
143	A Synthetic Lethal Interaction between Glutathione Synthesis and Mitochondrial Reactive Oxygen Species Provides a Tumor-Specific Vulnerability Dependent on STAT3. <i>Molecular and Cellular Biology</i> , 2015, 35, 3646-3656.	1.1	48
144	The Gv-1 locus coordinately regulates the expression of multiple endogenous murine retroviruses. <i>Cell</i> , 1985, 41, 289-299.	13.5	46

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145	Effect of photoperiod on in vitro tuberization of potato (<i>Solanum tuberosum</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 1993, 34, 43-51.	1.2	46
146	STAT3 Signaling and the Hyper-IgE Syndrome. <i>New England Journal of Medicine</i> , 2007, 357, 1655-1658.	13.9	44
147	The interferon-stimulable response elements of two human genes detect overlapping sets of transcription factors. <i>FEBS Journal</i> , 1993, 214, 617-626.	0.2	43
148	Solute accumulation and osmotic adjustment in leaves of Brassica oilseeds in response to soil water deficit. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 939.	1.5	43
149	Signal transducer and activator of transcription 4 limits the development of adaptive regulatory T cells. <i>Immunology</i> , 2009, 127, 587-595.	2.0	43
150	Protein kinase activity required for an early step in interferon-alpha signaling. <i>Journal of Biological Chemistry</i> , 1991, 266, 23471-6.	1.6	43
151	Transient Benign Unilateral Pupillary Dilation in Young Adults. <i>Archives of Neurology</i> , 1974, 31, 12.	4.9	41
152	Comparative evolutionary genomics of the STAT family of transcription factors. <i>Jak-stat</i> , 2012, 1, 23-36.	2.2	41
153	Interferon induction of gene expression through the Jak-Stat pathway. <i>Seminars in Virology</i> , 1995, 6, 181-189.	4.1	40
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