Thomas Decker

List of Publications by Year
in descending order

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Version: 2024-02-01

97 papers	11,311 citations	46918 47 h-index	42291 92 g-index
103 all docs	103 docs citations	103 times ranked	17660 citing authors

#	Article	IF	Citations
1	Interferons reshape the 3D conformation and accessibility of macrophage chromatin. IScience, 2022, 25, 103840.	1.9	18
2	The AP-1 transcription factors c-Jun and JunB are essential for CD8Î± conventional dendritic cell identity. Cell Death and Differentiation, 2021, 28, 2404-2420.	5.0	18
3	Listeria monocytogenes infection rewires host metabolism with regulatory input from type I interferons. PLoS Pathogens, 2021, 17, e1009697.	2.1	3
4	The early interferon catches the SARS-CoV-2. Journal of Experimental Medicine, 2021, 218, .	4.2	8
5	The Cyclin-Dependent Kinase 8 (CDK8) Inhibitor DCA Promotes a Tolerogenic Chemical Immunophenotype in CD4‹sup›+‹/sup› T Cells via a Novel CDK8-GATA3-FOXP3 Pathway. Molecular and Cellular Biology, 2021, 41, e0008521.	1.1	3
6	Proâ€atherogenic actions of signal transducer and activator of transcription 1 serine 727 phosphorylation in LDL receptor deficient mice via modulation of plaque inflammation. FASEB Journal, 2021, 35, e21892.	0.2	6
7	Rational design of a microbial consortium of mucosal sugar utilizers reduces Clostridiodes difficile colonization. Nature Communications, 2020, 11, 5104.	5.8	177
8	Serine Phosphorylation of the STAT1 Transactivation Domain Promotes Autoreactive B Cell and Systemic Autoimmunity Development. Journal of Immunology, 2020, 204, 2641-2650.	0.4	13
9	Histone deacetylases 1 and 2 restrain CD4+ cytotoxic T lymphocyte differentiation. JCI Insight, 2020, 5, .	2.3	23
10	Cutibacterium acnes Infection Induces Type I Interferon Synthesis Through the cGAS-STING Pathway. Frontiers in Immunology, 2020, 11, 571334.	2.2	23
11	A molecular switch from STAT2-IRF9 to ISGF3 underlies interferon-induced gene transcription. Nature Communications, 2019, 10, 2921.	5.8	137
12	Twins with different personalities: STAT5Bâ€"but not STAT5Aâ€"has a key role in BCR/ABL-induced leukemia. Leukemia, 2019, 33, 1583-1597.	3.3	40
13	Intracellular bacteria engage a STINGâ€"TBK1â€"MVB12b pathway to enable paracrine cGASâ€"STING signalling. Nature Microbiology, 2019, 4, 701-713.	5.9	100
14	The RNA helicase DDX3X is an essential mediator of innate antimicrobial immunity. PLoS Pathogens, 2018, 14, e1007397.	2.1	65
15	Regulatory Networks Involving STATs, IRFs, and NFÎºB in Inflammation. Frontiers in Immunology, 2018, 9, 2542.	2.2	153
16	The C-Terminal Transactivation Domain of STAT1 Has a Gene-Specific Role in Transactivation and Cofactor Recruitment. Frontiers in Immunology, 2018, 9, 2879.	2.2	14
17	Canonical and Non-Canonical Aspects of JAKâ€"STAT Signaling: Lessons from Interferons for Cytokine Responses. Frontiers in Immunology, 2017, 8, 29.	2.2	254
18	Fasting metabolism modulates the interleukin-12/interleukin-10 cytokine axis. PLoS ONE, 2017, 12, e0180900.	1.1	12

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19	Response to interferons and antibacterial innate immunity in the absence of tyrosineâ€phosphorylated <scp>STAT</scp> 1. EMBO Reports, 2016, 17, 367-382.	2.0	50
20	Novel non-canonical role of STAT1 in Natural Killer cell cytotoxicity. OncoImmunology, 2016, 5, e1186314.	2.1	13
21	The Tumor Suppressor Hace1 Is a Critical Regulator of TNFR1-Mediated Cell Fate. Cell Reports, 2016, 15, 1481-1492.	2.9	46
22	STAT1 regulates marginal zone B cell differentiation in response to inflammation and infection with blood-borne bacteria. Journal of Experimental Medicine, 2016, 213, 3025-3039.	4.2	23
23	Heme drives hemolysis-induced susceptibility to infection via disruption of phagocyte functions. Nature Immunology, 2016, 17, 1361-1372.	7.0	114
24	Intestinal Microbiota Signatures Associated with Inflammation History in Mice Experiencing Recurring Colitis. Frontiers in Microbiology, 2015, 6, 1408.	1.5	106
25	Different STAT Transcription Complexes Drive Early and Delayed Responses to Type I IFNs. Journal of Immunology, 2015, 195, 210-216.	0.4	30
26	Tracking heavy water (D ₂ O) incorporation for identifying and sorting active microbial cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E194-203.	3.3	359
27	Noncanonical Effects of IRF9 in Intestinal Inflammation: More than Type I and Type III Interferons. Molecular and Cellular Biology, 2015, 35, 2332-2343.	1.1	61
28	Cooperative Transcriptional Activation of Antimicrobial Genes by STAT and NF-ÎºB Pathways by Concerted Recruitment of the Mediator Complex. Cell Reports, 2015, 12, 300-312.	2.9	58
29	Intestinal Epithelial Cell Tyrosine Kinase 2 Transduces IL-22 Signals To Protect from Acute Colitis. Journal of Immunology, 2015, 195, 5011-5024.	0.4	40
30	Type I interferons have opposing effects during the emergence and recovery phases of colitis. European Journal of Immunology, 2014, 44, 2749-2760.	1.6	39
31	STAT1Î² Is Not Dominant Negative and Is Capable of Contributing to Gamma Interferon-Dependent Innate Immunity. Molecular and Cellular Biology, 2014, 34, 2235-2248.	1.1	34
32	Regulation of NO Synthesis, Local Inflammation, and Innate Immunity to Pathogens by BET Family Proteins. Molecular and Cellular Biology, 2014, 34, 415-427.	1.1	61
33	Longitudinal study of murine microbiota activity and interactions with the host during acute inflammation and recovery. ISME Journal, 2014, 8, 1101-1114.	4.4	174
34	STAT1-cooperative DNA binding distinguishes type 1 from type 2 interferon signaling. Nature Immunology, 2014, 15, 168-176.	7.0	75
35	Listeria monocytogenes induces IFNÎ² expression through an IFI16â€, cGASâ€•and STINGâ€dependent pathway. EMBO Journal, 2014, 33, 1654-1666.	3.5	232
36	STAT1 plays a role in TLR signal transduction and inflammatory responses. Immunology and Cell Biology, 2014, 92, 761-769.	1.0	106

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37	Host-compound foraging by intestinal microbiota revealed by single-cell stable isotope probing. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4720-4725.	3.3	210
38	CDK8-Mediated STAT1-S727 Phosphorylation Restrains NK Cell Cytotoxicity and Tumor Surveillance. Cell Reports, 2013, 4, 437-444.	2.9	104
39	Role of Tissue Protection in Lethal Respiratory Viral-Bacterial Coinfection. Science, 2013, 340, 1230-1234.	6.0	243
40	The regulation of inflammation by interferons and their STATs. Jak-stat, 2013, 2, e23820.	2.2	215
41	The Tyrosine Kinase Btk Regulates the Macrophage Response to Listeria monocytogenes Infection. PLoS ONE, 2013, 8, e60476.	1.1	18
42	Route of Infection Determines the Impact of Type I Interferons on Innate Immunity to Listeria monocytogenes. PLoS ONE, 2013, 8, e65007.	1.1	42
43	Conditional Stat1 Ablation Reveals the Importance of Interferon Signaling for Immunity to Listeria monocytogenes Infection. PLoS Pathogens, 2012, 8, e1002763.	2.1	49
44	Contribution of a TANK-Binding Kinase 1-Interferon (IFN) Regulatory Factor 7 Pathway to IFN-Â-Induced Gene Expression. Molecular and Cellular Biology, 2012, 32, 1032-1043.	1.1	37
45	Sustained Generation of Nitric Oxide and Control of Mycobacterial Infection Requires Argininosuccinate Synthase 1. Cell Host and Microbe, 2012, 12, 313-323.	5.1	154
46	Editorial. Vaccine, 2012, 30, 4299-4300.	1.7	0
47	How Stats Interact with the Molecular Machinery of Transcriptional Activation. , 2012, , 65-89.		3
48	Both TLR2 and TRIF Contribute to Interferon-Î² Production during Listeria Infection. PLoS ONE, 2012, 7, e33299.	1.1	57
49	Phylotype-level 16S rRNA analysis reveals new bacterial indicators of health state in acute murine colitis. ISME Journal, 2012, 6, 2091-2106.	4.4	291
50	Generation of mice with a conditional Stat1 null allele. Transgenic Research, 2012, 21, 217-224.	1.3	26
51	Type I Interferon Inhibits Interleukin-1 Production and Inflammasome Activation. Immunity, 2011, 34, 213-223.	6.6	810
52	Conventional Dendritic Cells Mount a Type I IFN Response againstCandidaspp. Requiring Novel Phagosomal TLR7-Mediated IFN-Î² Signaling. Journal of Immunology, 2011, 186, 3104-3112.	0.4	104
53	LipA, a Tyrosine and Lipid Phosphatase Involved in the Virulence of Listeria monocytogenes. Infection and Immunity, 2011, 79, 2489-2498.	1.0	31
54	Putting the brakes on mammary tumorigenesis: Loss of STAT1 predisposes to intraepithelial neoplasias. Oncotarget, 2011, 2, 1043-1054.	0.8	40

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55	Nonconventional Initiation Complex Assembly by STAT and NF-ÎºB Transcription Factors Regulates Nitric Oxide Synthase Expression. Immunity, 2010, 33, 25-34.	6.6	151
56	Interferons Direct an Effective Innate Response to Legionella pneumophila Infection. Journal of Biological Chemistry, 2009, 284, 30058-30066.	1.6	70
57	Dendritic Cells Require STAT-1 Phosphorylated at Its Transactivating Domain for the Induction of Peptide-Specific CTL. Journal of Immunology, 2009, 183, 2286-2293.	0.4	31
58	Characterization of the Interferon-Producing Cell in Mice Infected with Listeria monocytogenes. PLoS Pathogens, 2009, 5, e1000355.	2.1	94
59	Control of T helper cell differentiation through cytokine receptor inclusion in the immunological synapse. Journal of Experimental Medicine, 2009, 206, 877-892.	4.2	50
60	Mycobacteriaâ€induced granuloma necrosis depends on IRFâ€1. Journal of Cellular and Molecular Medicine, 2009, 13, 2069-2082.	1.6	16
61	Unexpected role of STAT1 serine727 for NK cell function. BMC Pharmacology, 2009, 9, .	0.4	0
62	Type I interferons as mediators of immune adjuvants for T- and B cell-dependent acquired immunity. Vaccine, 2009, 27, G17-G20.	1.7	40
63	The DEAD-box helicase DDX3X is a critical component of the TANK-binding kinase 1-dependent innate immune response. EMBO Journal, 2008, 27, 2135-2146.	3.5	276
64	Type I IFN are host modulators of strain-specific Listeria monocytogenes virulence. Cellular Microbiology, 2008, 10, 1116-1129.	1.1	34
65	Novel functions of type I interferons revealed by infection studies with Listeria monocytogenes. Immunobiology, 2008, 213, 889-897.	0.8	30
66	Novel paradigms in vaccine development: from small pox eradication to therapeutic vaccines. Biological Chemistry, 2008, 389, 455-456.	1.2	0
67	Stimulation of Inducible Nitric Oxide Synthase Expression by Beta Interferon Increases Necrotic Death of Macrophages uponListeria monocytogenesInfection. Infection and Immunity, 2008, 76, 1649-1656.	1.0	30
68	IFN-Î² Increases Listeriolysin O-Induced Membrane Permeabilization and Death of Macrophages. Journal of Immunology, 2008, 180, 4116-4123.	0.4	35
69	JAK-STAT Signaling: From Interferons to Cytokines. Journal of Biological Chemistry, 2007, 282, 20059-20063.	1.6	1,057
70	Differential Effects of CpG DNA on IFN-Î² Induction and STAT1 Activation in Murine Macrophages versus Dendritic Cells: Alternatively Activated STAT1 Negatively Regulates TLR Signaling in Macrophages. Journal of Immunology, 2007, 179, 3495-3503.	0.4	44
71	Distinct modes of action applied by transcription factors STAT1 and IRF1 to initiate transcription of the IFN-Â-inducible gbp2 gene. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2849-2854.	3.3	110
72	Nod1 and Nod2 induce CCL5/RANTES through the NFâ€ÎºB pathway. European Journal of Immunology, 2007, 37, 2499-2508.	1.6	75

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73	CytoplasmicListeria monocytogenesstimulates IFN-Î² synthesis without requiring the adapter protein MAVS. FEBS Letters, 2006, 580, 2341-2346.	1.3	36
74	Negative and Positive Regulation of Gene Expression by Mouse Histone Deacetylase1. Molecular and Cellular Biology, 2006, 26, 7913-7928.	1.1	238
75	The Yin and Yang of type I interferon activity in bacterial infection. Nature Reviews Immunology, 2005, 5, 675-687.	10.6	410
76	IFN Regulatory Factor 3-Dependent Induction of Type I IFNs by Intracellular Bacteria Is Mediated by a TLR- and Nod2-Independent Mechanism. Journal of Immunology, 2004, 173, 7416-7425.	0.4	195
77	Sepsis: avoiding its deadly toll. Journal of Clinical Investigation, 2004, 113, 1387-1389.	3.9	18
78	Sepsis: avoiding its deadly toll. Journal of Clinical Investigation, 2004, 113, 1387-1389.	3.9	13
79	Phosphorylation of the Stat1 transactivating domain is required for the response to type I interferons. EMBO Reports, 2003, 4, 368-373.	2.0	61
80	Central role for type I interferons and Tyk2 in lipopolysaccharide-induced endotoxin shock. Nature Immunology, 2003, 4, 471-477.	7.0	337
81	Phosphorylation of the Stat1 Transactivation Domain Is Required for Full-Fledged IFN-Î³-Dependent Innate Immunity. Immunity, 2003, 19, 793-802.	6.6	239
82	Regulation of STATs by Posttranslational Modifications. , 2003, , 207-222.		1
83	p38 MAPK enhances STAT1-dependent transcription independently of Ser-727 phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12859-12864.	3.3	119
84	Production of Type I IFN Sensitizes Macrophages to Cell Death Induced byListeria monocytogenes. Journal of Immunology, 2002, 169, 6522-6529.	0.4	144
85	IFNs and STATs in innate immunity to microorganisms. Journal of Clinical Investigation, 2002, 109, 1271-1277.	3.9	172
86	IFNs and STATs in innate immunity to microorganisms. Journal of Clinical Investigation, 2002, 109, 1271-1277.	3.9	112
87	Enhanced Antiviral and Antiproliferative Properties of a STAT1 Mutant Unable to Interact with the Protein Kinase PKR. Journal of Biological Chemistry, 2001, 276, 13727-13737.	1.6	25
88	Listeria monocytogenesModulates Macrophage Cytokine Responses Through STAT Serine Phosphorylation and the Induction of Suppressor of Cytokine Signaling 3. Journal of Immunology, 2001, 166, 466-472.	0.4	91
89	Antigen receptor signal transduction: activating and inhibitory antigen receptors regulate STAT1 serine phosphorylation. European Journal of Immunology, 2000, 30, 1851-1860.	1.6	18
90	Serine phosphorylation of STATs. Oncogene, 2000, 19, 2628-2637.	2.6	790

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91	Partial Impairment of Cytokine Responses in Tyk2-Deficient Mice. Immunity, 2000, 13, 549-560.	6.6	375
92	Protein tyrosine kinase Pyk2 mediates the Jak-dependent activation of MAPK and Stat1 in IFN-Î³, but not IFN-Î±, signaling. EMBO Journal, 1999, 18, 2480-2488.	3.5	131
93	Jak2-Stat5 Interactions Analyzed in Yeast. Journal of Biological Chemistry, 1998, 273, 12567-12575.	1.6	46
94	GAS Elements: A Few Nucleotides with a Major Impact on Cytokine-Induced Gene Expression. Journal of Interferon and Cytokine Research, 1997, 17, 121-134.	0.5	373
95	Jaks, Stats and the Immune System. Immunobiology, 1997, 198, 99-111.	0.8	27
96	Colony-stimulating factors and interferon-Î³ activate a protein related to MGF-Stat 5 to cause formation of the differentiation-induced factor in myeloid cells. FEBS Letters, 1995, 360, 29-33.	1.3	42
97	Interferon-Î³ regulates expression of a novel keratin classe I gene. European Journal of Immunology, 1992, 22, 975-979.	1.6	30