

Thomas Decker

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97
papers

8,927
citations

45
h-index

94
g-index

103
ext. papers

10,427
ext. citations

9.7
avg, IF

5.83
L-index

#	Paper	IF	Citations
97	Interferons reshape the 3D conformation and accessibility of macrophage chromatin.. <i>IScience</i> , 2022 , 25, 103840	6.1	3
96	The AP-1 transcription factors c-Jun and JunB are essential for CD8 α conventional dendritic cell identity. <i>Cell Death and Differentiation</i> , 2021 , 28, 2404-2420	12.7	2
95	Listeria monocytogenes infection rewires host metabolism with regulatory input from type I interferons. <i>PLoS Pathogens</i> , 2021 , 17, e1009697	7.6	1
94	The early interferon catches the SARS-CoV-2. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	2
93	The Cyclin-Dependent Kinase 8 (CDK8) Inhibitor DCA Promotes a Tolerogenic Chemical Immunophenotype in CD4 T Cells via a Novel CDK8-GATA3-FOXP3 Pathway. <i>Molecular and Cellular Biology</i> , 2021 , 41, e0008521	4.8	0
92	Pro-atherogenic actions of signal transducer and activator of transcription 1 serine 727 phosphorylation in LDL receptor deficient mice via modulation of plaque inflammation. <i>FASEB Journal</i> , 2021 , 35, e21892	0.9	0
91	Histone deacetylases 1 and 2 restrain CD4+ cytotoxic T lymphocyte differentiation. <i>JCI Insight</i> , 2020 , 5,	9.9	13
90	Infection Induces Type I Interferon Synthesis Through the cGAS-STING Pathway. <i>Frontiers in Immunology</i> , 2020 , 11, 571334	8.4	9
89	Rational design of a microbial consortium of mucosal sugar utilizers reduces Clostridiodes difficile colonization. <i>Nature Communications</i> , 2020 , 11, 5104	17.4	57
88	Serine Phosphorylation of the STAT1 Transactivation Domain Promotes Autoreactive B Cell and Systemic Autoimmunity Development. <i>Journal of Immunology</i> , 2020 , 204, 2641-2650	5.3	6
87	Twins with different personalities: STAT5B-but not STAT5A-has a key role in BCR/ABL-induced leukemia. <i>Leukemia</i> , 2019 , 33, 1583-1597	10.7	24
86	Intracellular bacteria engage a STING-TBK1-MVB12b pathway to enable paracrine cGAS-STING signalling. <i>Nature Microbiology</i> , 2019 , 4, 701-713	26.6	50
85	A molecular switch from STAT2-IRF9 to ISGF3 underlies interferon-induced gene transcription. <i>Nature Communications</i> , 2019 , 10, 2921	17.4	60
84	The RNA helicase DDX3X is an essential mediator of innate antimicrobial immunity. <i>PLoS Pathogens</i> , 2018 , 14, e1007397	7.6	34
83	Regulatory Networks Involving STATs, IRFs, and NFB in Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 2542	8.4	70
82	The C-Terminal Transactivation Domain of STAT1 Has a Gene-Specific Role in Transactivation and Cofactor Recruitment. <i>Frontiers in Immunology</i> , 2018 , 9, 2879	8.4	3
81	Canonical and Non-Canonical Aspects of JAK-STAT Signaling: Lessons from Interferons for Cytokine Responses. <i>Frontiers in Immunology</i> , 2017 , 8, 29	8.4	164

80	Fasting metabolism modulates the interleukin-12/interleukin-10 cytokine axis. <i>PLoS ONE</i> , 2017 , 12, e0183900	19.0	8
79	STAT1 regulates marginal zone B cell differentiation in response to inflammation and infection with blood-borne bacteria. <i>Journal of Experimental Medicine</i> , 2016 , 213, 3025-3039	16.6	15
78	Heme drives hemolysis-induced susceptibility to infection via disruption of phagocyte functions. <i>Nature Immunology</i> , 2016 , 17, 1361-1372	19.1	82
77	Response to interferons and antibacterial innate immunity in the absence of tyrosine-phosphorylated STAT1. <i>EMBO Reports</i> , 2016 , 17, 367-82	6.5	33
76	Novel non-canonical role of STAT1 in Natural Killer cell cytotoxicity. <i>Oncotarget</i> , 2016 , 7, 118631-42	7.2	10
75	The Tumor Suppressor Hace1 Is a Critical Regulator of TNFR1-Mediated Cell Fate. <i>Cell Reports</i> , 2016 , 15, 1481-1492	10.6	24
74	Noncanonical Effects of IRF9 in Intestinal Inflammation: More than Type I and Type III Interferons. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2332-43	4.8	43
73	Cooperative Transcriptional Activation of Antimicrobial Genes by STAT and NF- κ B Pathways by Concerted Recruitment of the Mediator Complex. <i>Cell Reports</i> , 2015 , 12, 300-12	10.6	34
72	Intestinal Epithelial Cell Tyrosine Kinase 2 Transduces IL-22 Signals To Protect from Acute Colitis. <i>Journal of Immunology</i> , 2015 , 195, 5011-24	5.3	33
71	Intestinal Microbiota Signatures Associated with Inflammation History in Mice Experiencing Recurring Colitis. <i>Frontiers in Microbiology</i> , 2015 , 6, 1408	5.7	67
70	Different STAT Transcription Complexes Drive Early and Delayed Responses to Type I IFNs. <i>Journal of Immunology</i> , 2015 , 195, 210-216	5.3	22
69	Tracking heavy water (D2O) incorporation for identifying and sorting active microbial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E194-203	11.5	244
68	Regulation of NO synthesis, local inflammation, and innate immunity to pathogens by BET family proteins. <i>Molecular and Cellular Biology</i> , 2014 , 34, 415-27	4.8	54
67	Longitudinal study of murine microbiota activity and interactions with the host during acute inflammation and recovery. <i>ISME Journal</i> , 2014 , 8, 1101-14	11.9	121
66	STAT1-cooperative DNA binding distinguishes type 1 from type 2 interferon signaling. <i>Nature Immunology</i> , 2014 , 15, 168-76	19.1	55
65	Listeria monocytogenes induces IFN γ expression through an IFI16-, cGAS- and STING-dependent pathway. <i>EMBO Journal</i> , 2014 , 33, 1654-66	13	173
64	STAT1 plays a role in TLR signal transduction and inflammatory responses. <i>Immunology and Cell Biology</i> , 2014 , 92, 761-9	5	86
63	Type I interferons have opposing effects during the emergence and recovery phases of colitis. <i>European Journal of Immunology</i> , 2014 , 44, 2749-60	6.1	23

62	STAT1 is not dominant negative and is capable of contributing to gamma interferon-dependent innate immunity. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2235-48	4.8	24
61	Host-compound foraging by intestinal microbiota revealed by single-cell stable isotope probing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4720-5	11.5	147
60	CDK8-mediated STAT1-S727 phosphorylation restrains NK cell cytotoxicity and tumor surveillance. <i>Cell Reports</i> , 2013 , 4, 437-44	10.6	82
59	Role of tissue protection in lethal respiratory viral-bacterial coinfection. <i>Science</i> , 2013 , 340, 1230-4	33.3	191
58	The regulation of inflammation by interferons and their STATs. <i>Jak-stat</i> , 2013 , 2, e23820		144
57	The tyrosine kinase Btk regulates the macrophage response to <i>Listeria monocytogenes</i> infection. <i>PLoS ONE</i> , 2013 , 8, e60476	3.7	13
56	Route of Infection Determines the Impact of Type I Interferons on Innate Immunity to <i>Listeria monocytogenes</i> . <i>PLoS ONE</i> , 2013 , 8, e65007	3.7	38
55	Generation of mice with a conditional Stat1 null allele. <i>Transgenic Research</i> , 2012 , 21, 217-24	3.3	19
54	Sustained generation of nitric oxide and control of mycobacterial infection requires argininosuccinate synthase 1. <i>Cell Host and Microbe</i> , 2012 , 12, 313-23	23.4	102
53	How Stats Interact with the Molecular Machinery of Transcriptional Activation 2012 , 65-89		2
52	Both TLR2 and TRIF contribute to interferon- β production during <i>Listeria</i> infection. <i>PLoS ONE</i> , 2012 , 7, e33299	3.7	46
51	Phylotype-level 16S rRNA analysis reveals new bacterial indicators of health state in acute murine colitis. <i>ISME Journal</i> , 2012 , 6, 2091-106	11.9	208
50	The Continuing Fascination with Jaks and Stats: An Introduction 2012 , 1-4		1
49	Conditional Stat1 ablation reveals the importance of interferon signaling for immunity to <i>Listeria monocytogenes</i> infection. <i>PLoS Pathogens</i> , 2012 , 8, e1002763	7.6	42
48	Contribution of a TANK-binding kinase 1-interferon (IFN) regulatory factor 7 pathway to IFN- β -induced gene expression. <i>Molecular and Cellular Biology</i> , 2012 , 32, 1032-43	4.8	26
47	Type I interferon inhibits interleukin-1 production and inflammasome activation. <i>Immunity</i> , 2011 , 34, 213-23	32.3	651
46	Conventional dendritic cells mount a type I IFN response against <i>Candida</i> spp. requiring novel phagosomal TLR7-mediated IFN- β signaling. <i>Journal of Immunology</i> , 2011 , 186, 3104-12	5.3	88
45	LipA, a tyrosine and lipid phosphatase involved in the virulence of <i>Listeria monocytogenes</i> . <i>Infection and Immunity</i> , 2011 , 79, 2489-98	3.7	24

44	Putting the brakes on mammary tumorigenesis: loss of STAT1 predisposes to intraepithelial neoplasias. <i>Oncotarget</i> , 2011 , 2, 1043-54	3.3	36
43	Nonconventional initiation complex assembly by STAT and NF-kappaB transcription factors regulates nitric oxide synthase expression. <i>Immunity</i> , 2010 , 33, 25-34	32.3	114
42	Interferons direct an effective innate response to Legionella pneumophila infection. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30058-66	5.4	60
41	Dendritic cells require STAT-1 phosphorylated at its transactivating domain for the induction of peptide-specific CTL. <i>Journal of Immunology</i> , 2009 , 183, 2286-93	5.3	30
40	Characterization of the interferon-producing cell in mice infected with Listeria monocytogenes. <i>PLoS Pathogens</i> , 2009 , 5, e1000355	7.6	90
39	Control of T helper cell differentiation through cytokine receptor inclusion in the immunological synapse. <i>Journal of Experimental Medicine</i> , 2009 , 206, 877-92	16.6	44
38	Mycobacteria-induced granuloma necrosis depends on IRF-1. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2069-2082	5.6	13
37	Unexpected role of STAT1 serine727 for NK cell function. <i>BMC Pharmacology</i> , 2009 , 9, A29		78
36	Type I interferons as mediators of immune adjuvants for T- and B cell-dependent acquired immunity. <i>Vaccine</i> , 2009 , 27 Suppl 6, G17-20	4.1	33
35	The DEAD-box helicase DDX3X is a critical component of the TANK-binding kinase 1-dependent innate immune response. <i>EMBO Journal</i> , 2008 , 27, 2135-46	13	210
34	Type I IFN are host modulators of strain-specific Listeria monocytogenes virulence. <i>Cellular Microbiology</i> , 2008 , 10, 1116-29	3.9	31
33	Novel functions of type I interferons revealed by infection studies with Listeria monocytogenes. <i>Immunobiology</i> , 2008 , 213, 889-97	3.4	29
32	Stimulation of inducible nitric oxide synthase expression by beta interferon increases necrotic death of macrophages upon Listeria monocytogenes infection. <i>Infection and Immunity</i> , 2008 , 76, 1649-56	3.7	26
31	IFN-beta increases listeriolysin O-induced membrane permeabilization and death of macrophages. <i>Journal of Immunology</i> , 2008 , 180, 4116-23	5.3	32
30	Nod1 and Nod2 induce CCL5/RANTES through the NF-kappaB pathway. <i>European Journal of Immunology</i> , 2007 , 37, 2499-508	6.1	68
29	JAK-STAT signaling: from interferons to cytokines. <i>Journal of Biological Chemistry</i> , 2007 , 282, 20059-63	5.4	853
28	Differential effects of CpG DNA on IFN-beta induction and STAT1 activation in murine macrophages versus dendritic cells: alternatively activated STAT1 negatively regulates TLR signaling in macrophages. <i>Journal of Immunology</i> , 2007 , 179, 3495-503	5.3	41
27	Distinct modes of action applied by transcription factors STAT1 and IRF1 to initiate transcription of the IFN-gamma-inducible gbp2 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2849-54	11.5	86

26	Negative and positive regulation of gene expression by mouse histone deacetylase 1. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7913-28	4.8	219
25	Cytoplasmic <i>Listeria monocytogenes</i> stimulates IFN-beta synthesis without requiring the adapter protein MAVS. <i>FEBS Letters</i> , 2006 , 580, 2341-2346	3.8	31
24	The yin and yang of type I interferon activity in bacterial infection. <i>Nature Reviews Immunology</i> , 2005 , 5, 675-87	36.5	365
23	IFN regulatory factor 3-dependent induction of type I IFNs by intracellular bacteria is mediated by a TLR- and Nod2-independent mechanism. <i>Journal of Immunology</i> , 2004 , 173, 7416-25	5.3	171
22	Sepsis: avoiding its deadly toll. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1387-1389	15.9	17
21	Sepsis: avoiding its deadly toll. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1387-9	15.9	7
20	Phosphorylation of the Stat1 transactivating domain is required for the response to type I interferons. <i>EMBO Reports</i> , 2003 , 4, 368-73	6.5	48
19	Central role for type I interferons and Tyk2 in lipopolysaccharide-induced endotoxin shock. <i>Nature Immunology</i> , 2003 , 4, 471-7	19.1	304
18	Phosphorylation of the Stat1 transactivation domain is required for full-fledged IFN-gamma-dependent innate immunity. <i>Immunity</i> , 2003 , 19, 793-802	32.3	196
17	Regulation of STATs by Posttranslational Modifications 2003 , 207-222		1
16	p38 MAPK enhances STAT1-dependent transcription independently of Ser-727 phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 12859-64	11.5	103
15	Production of type I IFN sensitizes macrophages to cell death induced by <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2002 , 169, 6522-9	5.3	136
14	IFNs and STATs in innate immunity to microorganisms. <i>Journal of Clinical Investigation</i> , 2002 , 109, 1271-1277	15.9	156
13	IFNs and STATs in innate immunity to microorganisms. <i>Journal of Clinical Investigation</i> , 2002 , 109, 1271-7	15.9	89
12	Enhanced antiviral and antiproliferative properties of a STAT1 mutant unable to interact with the protein kinase PKR. <i>Journal of Biological Chemistry</i> , 2001 , 276, 13727-37	5.4	23
11	<i>Listeria monocytogenes</i> modulates macrophage cytokine responses through STAT serine phosphorylation and the induction of suppressor of cytokine signaling 3. <i>Journal of Immunology</i> , 2001 , 166, 466-72	5.3	82
10	Antigen receptor signal transduction: activating and inhibitory antigen receptors regulate STAT1 serine phosphorylation. <i>European Journal of Immunology</i> , 2000 , 30, 1851-60	6.1	16
9	Serine phosphorylation of STATs. <i>Oncogene</i> , 2000 , 19, 2628-37	9.2	714

8	Partial impairment of cytokine responses in Tyk2-deficient mice. <i>Immunity</i> , 2000 , 13, 549-60	32.3	339
7	Protein tyrosine kinase Pyk2 mediates the Jak-dependent activation of MAPK and Stat1 in IFN-gamma, but not IFN-alpha, signaling. <i>EMBO Journal</i> , 1999 , 18, 2480-8	13	124
6	Jak2-Stat5 interactions analyzed in yeast. <i>Journal of Biological Chemistry</i> , 1998 , 273, 12567-75	5.4	35
5	GAS elements: a few nucleotides with a major impact on cytokine-induced gene expression. <i>Journal of Interferon and Cytokine Research</i> , 1997 , 17, 121-34	3.5	318
4	Jaks, Stats and the immune system. <i>Immunobiology</i> , 1997 , 198, 99-111	3.4	23
3	Colony-stimulating factors and interferon-gamma activate a protein related to MGF-Stat 5 to cause formation of the differentiation-induced factor in myeloid cells. <i>FEBS Letters</i> , 1995 , 360, 29-33	3.8	37
2	Interferon-gamma regulates expression of a novel keratin class I gene. <i>European Journal of Immunology</i> , 1992 , 22, 975-9	6.1	25
1	Homeostatic and Interferon-induced gene expression represent different states of promoter-associated transcription factor ISGF3		1