

# Yuka Kanno

## List of Publications by Citations

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86

papers

15,752

citations

56

h-index

88

g-index

88

ext. papers

18,098

ext. citations

20

avg, IF

6.24

L-index

#	Paper	IF	Citations
86	Interleukin-2 signaling via STAT5 constrains T helper 17 cell generation. <i>Immunity</i> , <b>2007</b> , 26, 371-81	32.3	1138
85	Generation of pathogenic T(H)17 cells in the absence of TGF- $\beta$ signalling. <i>Nature</i> , <b>2010</b> , 467, 967-71	50.4	1021
84	Impaired T(H)17 cell differentiation in subjects with autosomal dominant hyper-IgE syndrome. <i>Nature</i> , <b>2008</b> , 452, 773-6	50.4	926
83	Global mapping of H3K4me3 and H3K27me3 reveals specificity and plasticity in lineage fate determination of differentiating CD4+ T cells. <i>Immunity</i> , <b>2009</b> , 30, 155-67	32.3	887
82	Lymphoid tissue inducer-like cells are an innate source of IL-17 and IL-22. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 35-41	16.6	584
81	Immunodeficiency and chronic myelogenous leukemia-like syndrome in mice with a targeted mutation of the ICSBP gene. <i>Cell</i> , <b>1996</b> , 87, 307-17	56.2	555
80	Selective regulatory function of Socs3 in the formation of IL-17-secreting T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 8137-42	11.5	522
79	Mechanisms and consequences of Jak-STAT signaling in the immune system. <i>Nature Immunology</i> , <b>2017</b> , 18, 374-384	19.1	511
78	Diverse targets of the transcription factor STAT3 contribute to T cell pathogenicity and homeostasis. <i>Immunity</i> , <b>2010</b> , 32, 605-15	32.3	491
77	Opposing regulation of the locus encoding IL-17 through direct, reciprocal actions of STAT3 and STAT5. <i>Nature Immunology</i> , <b>2011</b> , 12, 247-54	19.1	451
76	Nonredundant roles for Stat5a/b in directly regulating Foxp3. <i>Blood</i> , <b>2007</b> , 109, 4368-75	2.2	436
75	Signaling by IL-12 and IL-23 and the immunoregulatory roles of STAT4. <i>Immunological Reviews</i> , <b>2004</b> , 202, 139-56	11.3	426
74	JAK inhibition as a therapeutic strategy for immune and inflammatory diseases. <i>Nature Reviews Drug Discovery</i> , <b>2017</b> , 16, 843-862	64.1	402
73	Retinoic acid inhibits Th17 polarization and enhances FoxP3 expression through a Stat-3/Stat-5 independent signaling pathway. <i>Blood</i> , <b>2008</b> , 111, 1013-20	2.2	346
72	Early Th1 cell differentiation is marked by a Tfh cell-like transition. <i>Immunity</i> , <b>2011</b> , 35, 919-31	32.3	310
71	Selective recognition of acetylated histones by bromodomain proteins visualized in living cells. <i>Molecular Cell</i> , <b>2004</b> , 13, 33-43	17.6	303
70	Mechanisms of Jak/STAT signaling in immunity and disease. <i>Journal of Immunology</i> , <b>2015</b> , 194, 21-7	5.3	301

69	STATs shape the active enhancer landscape of T cell populations. <i>Cell</i> , <b>2012</b> , 151, 981-93	56.2	269
68	BACH2 represses effector programs to stabilize T(reg)-mediated immune homeostasis. <i>Nature</i> , <b>2013</b> , 498, 506-10	50.4	264
67	Transcriptional and epigenetic control of T helper cell specification: molecular mechanisms underlying commitment and plasticity. <i>Annual Review of Immunology</i> , <b>2012</b> , 30, 707-31	34.7	256
66	T-bet regulates Th1 responses through essential effects on GATA-3 function rather than on IFNG gene acetylation and transcription. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 755-66	16.6	251
65	Super-enhancers delineate disease-associated regulatory nodes in T cells. <i>Nature</i> , <b>2015</b> , 520, 558-62	50.4	247
64	Discrete roles of STAT4 and STAT6 transcription factors in tuning epigenetic modifications and transcription during T helper cell differentiation. <i>Immunity</i> , <b>2010</b> , 32, 840-51	32.3	242
63	Helper T cell diversity and plasticity. <i>Current Opinion in Immunology</i> , <b>2012</b> , 24, 297-302	7.8	233
62	TGF- $\beta$ and retinoic acid induce the microRNA miR-10a, which targets Bcl-6 and constrains the plasticity of helper T cells. <i>Nature Immunology</i> , <b>2012</b> , 13, 587-95	19.1	229
61	Genomic views of STAT function in CD4+ T helper cell differentiation. <i>Nature Reviews Immunology</i> , <b>2011</b> , 11, 239-50	36.5	213
60	Developmental Acquisition of Regulomes Underlies Innate Lymphoid Cell Functionality. <i>Cell</i> , <b>2016</b> , 165, 1120-1133	56.2	200
59	Functional and epigenetic studies reveal multistep differentiation and plasticity of in vitro-generated and in vivo-derived follicular T helper cells. <i>Immunity</i> , <b>2011</b> , 35, 622-32	32.3	197
58	Interleukin-27 priming of T cells controls IL-17 production in trans via induction of the ligand PD-L1. <i>Immunity</i> , <b>2012</b> , 36, 1017-30	32.3	195
57	BRD4 assists elongation of both coding and enhancer RNAs by interacting with acetylated histones. <i>Nature Structural and Molecular Biology</i> , <b>2014</b> , 21, 1047-57	17.6	185
56	Intrinsic transcriptional activation-inhibition domains of the polyomavirus enhancer binding protein 2/core binding factor alpha subunit revealed in the presence of the beta subunit. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 2444-54	4.8	171
55	Signal transduction pathways and transcriptional regulation in Th17 cell differentiation. <i>Cytokine and Growth Factor Reviews</i> , <b>2010</b> , 21, 425-34	17.9	167
54	Distinct requirements for T-bet in gut innate lymphoid cells. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 2331-8	16.6	140
53	BACH2 regulates CD8(+) T cell differentiation by controlling access of AP-1 factors to enhancers. <i>Nature Immunology</i> , <b>2016</b> , 17, 851-860	19.1	136
52	Mechanisms underlying helper T-cell plasticity: implications for immune-mediated disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 131, 1276-87	11.5	121

51	Immune cell-specific amplification of interferon signaling by the IRF-4/8-PU.1 complex. <i>Journal of Interferon and Cytokine Research</i> , <b>2005</b> , 25, 770-9	3.5	101
50	Interleukin-23-Induced Transcription Factor Blimp-1 Promotes Pathogenicity of T Helper 17 Cells. <i>Immunity</i> , <b>2016</b> , 44, 131-142	32.3	98
49	Neuropeptide CGRP Limits Group 2 Innate Lymphoid Cell Responses and Constrains Type 2 Inflammation. <i>Immunity</i> , <b>2019</b> , 51, 682-695.e6	32.3	98
48	EZH2 is crucial for both differentiation of regulatory T cells and T effector cell expansion. <i>Scientific Reports</i> , <b>2015</b> , 5, 10643	4.9	89
47	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. <i>Immunity</i> , <b>2015</b> , 42, 877-89	32.3	87
46	Translational and clinical advances in JAK-STAT biology: The present and future of jakinibs. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 104, 499-514	6.5	77
45	Helper T-cell differentiation and plasticity: insights from epigenetics. <i>Immunology</i> , <b>2011</b> , 134, 235-45	7.8	77
44	Helper T-cell identity and evolution of differential transcriptomes and epigenomes. <i>Immunological Reviews</i> , <b>2013</b> , 252, 24-40	11.3	76
43	Tpl2 kinase regulates T cell interferon-gamma production and host resistance to <i>Toxoplasma gondii</i> . <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 2803-12	16.6	72
42	Type I IFN induces binding of STAT1 to Bcl6: divergent roles of STAT family transcription factors in the T follicular helper cell genetic program. <i>Journal of Immunology</i> , <b>2014</b> , 192, 2156-66	5.3	71
41	Interaction of histone acetylases and deacetylases in vivo. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 1025-38	7.8	71
40	Cytoplasmic sequestration of the polyomavirus enhancer binding protein 2 (PEBP2)/core binding factor alpha (CBFalpha) subunit by the leukemia-related PEBP2/CBFbeta-SMMHC fusion protein inhibits PEBP2/CBF-mediated transactivation. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 4252-61	4.8	69
39	Transcriptional and epigenetic networks of helper T and innate lymphoid cells. <i>Immunological Reviews</i> , <b>2014</b> , 261, 23-49	11.3	65
38	Regulating type 1 IFN effects in CD8 T cells during viral infections: changing STAT4 and STAT1 expression for function. <i>Blood</i> , <b>2012</b> , 120, 3718-28	2.2	62
37	Gata6 Pericardial Cavity Macrophages Relocate to the Injured Heart and Prevent Cardiac Fibrosis. <i>Immunity</i> , <b>2019</b> , 51, 131-140.e5	32.3	61
36	Discrete roles for histone acetylation in human T helper 1 cell-specific gene expression. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 40640-6	5.4	58
35	A mouse model of HIES reveals pro- and anti-inflammatory functions of STAT3. <i>Blood</i> , <b>2014</b> , 123, 2978-87	7.2	56
34	Proprotein convertase furin is preferentially expressed in T helper 1 cells and regulates interferon gamma. <i>Blood</i> , <b>2006</b> , 108, 983-5	2.2	56

33	Gamma interferon triggers interaction between ICSBP (IRF-8) and TEL, recruiting the histone deacetylase HDAC3 to the interferon-responsive element. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 7439-48	4.8	56
32	Subset- and tissue-defined STAT5 thresholds control homeostasis and function of innate lymphoid cells. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 2999-3014	16.6	53
31	Signal transducer and activator of transcription 5 (STAT5) paralog dose governs T cell effector and regulatory functions. <i>ELife</i> , <b>2016</b> , 5,	8.9	53
30	The Transcription Factor T-bet Limits Amplification of Type I IFN Transcriptome and Circuitry in T Helper 1 Cells. <i>Immunity</i> , <b>2017</b> , 46, 983-991.e4	32.3	48
29	Cell signaling. Stat acetylation--a key facet of cytokine signaling?. <i>Science</i> , <b>2005</b> , 307, 217-8	33.3	47
28	Jak3-independent trafficking of the common gamma chain receptor subunit: chaperone function of Jaks revisited. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 5039-49	4.8	43
27	The mouse Rxb gene encoding RXR beta: genomic organization and two mRNA isoforms generated by alternative splicing of transcripts initiated from CpG island promoters. <i>Gene</i> , <b>1994</b> , 142, 183-9	3.8	39
26	New complexities in helper T cell fate determination and the implications for autoimmune diseases. <i>Modern Rheumatology</i> , <b>2008</b> , 18, 533-541	3.3	38
25	Helper T cell plasticity: impact of extrinsic and intrinsic signals on transcriptomes and epigenomes. <i>Current Topics in Microbiology and Immunology</i> , <b>2014</b> , 381, 279-326	3.3	36
24	Targeting cytokine signaling in autoimmunity: back to the future and beyond. <i>Current Opinion in Immunology</i> , <b>2016</b> , 43, 89-97	7.8	35
23	Cytokine signaling: birth of a pathway. <i>Journal of Immunology</i> , <b>2011</b> , 187, 5475-8	5.3	34
22	Retinoic Acid Receptor Alpha Represses a Th9 Transcriptional and Epigenomic Program to Reduce Allergic Pathology. <i>Immunity</i> , <b>2019</b> , 50, 106-120.e10	32.3	33
21	In search of magic bullets: the golden age of immunotherapeutics. <i>Cell</i> , <b>2014</b> , 157, 227-40	56.2	32
20	The transcription factors Thpok and LRF are necessary and partly redundant for T helper cell differentiation. <i>Immunity</i> , <b>2012</b> , 37, 622-33	32.3	31
19	New complexities in helper T cell fate determination and the implications for autoimmune diseases. <i>Modern Rheumatology</i> , <b>2008</b> , 18, 533-41	3.3	30
18	Proliferation conditions promote intrinsic changes in NK cells for an IL-10 response. <i>Journal of Immunology</i> , <b>2014</b> , 193, 354-63	5.3	27
17	The Magnitude of IFN- $\gamma$ Responses Is Fine-Tuned by DNA Architecture and the Non-coding Transcript of Ifng-as1. <i>Molecular Cell</i> , <b>2019</b> , 75, 1229-1242.e5	17.6	26
16	A Fas-associated death domain protein/caspase-8-signaling axis promotes S-phase entry and maintains S6 kinase activity in T cells responding to IL-2. <i>Journal of Immunology</i> , <b>2007</b> , 179, 5291-300	5.3	26

15	NCR ILC3 maintain larger STAT4 reservoir via T-BET to regulate type 1 features upon IL-23 stimulation in mice. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 1174-1180	6.1	23
14	Transcription factors and CD4 T cells seeking identity: masters, minions, setters and spikers. <i>Immunology</i> , <b>2013</b> , 139, 294-8	7.8	22
13	Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. <i>Immunity</i> , <b>2020</b> , 53, 745-758.e4	32.3	20
12	SnapShot: Jak-STAT Signaling II. <i>Cell</i> , <b>2020</b> , 181, 1696-1696.e1	56.2	19
11	IL-10 induces a STAT3-dependent autoregulatory loop in T2 cells that promotes Blimp-1 restriction of cell expansion via antagonism of STAT5 target genes. <i>Science Immunology</i> , <b>2016</b> , 1,	28	19
10	Differences in myocardial fluoro-18 2-deoxyglucose uptake in young versus older patients with hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , <b>1992</b> , 69, 242-6	3	13
9	Tissue inhibitor of metalloproteinase 1 is preferentially expressed in Th1 and Th17 T-helper cell subsets and is a direct STAT target gene. <i>PLoS ONE</i> , <b>2013</b> , 8, e59367	3.7	12
8	PAPST, a User Friendly and Powerful Java Platform for ChIP-Seq Peak Co-Localization Analysis and Beyond. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127285	3.7	10
7	A Metabolic Switch for Th17 Pathogenicity. <i>Cell</i> , <b>2015</b> , 163, 1308-10	56.2	7
6	MicroRNA-221 and -222 modulate intestinal inflammatory Th17 cell response as negative feedback regulators downstream of interleukin-23. <i>Immunity</i> , <b>2021</b> , 54, 514-525.e6	32.3	3
5	Evolving Views of Long Noncoding RNAs and Epigenomic Control of Lymphocyte State and Memory. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2021</b> ,	10.2	2
4	GoldiRunx and Remembering Cytotoxic Memory. <i>Immunity</i> , <b>2018</b> , 48, 614-615	32.3	1
3	Function of JAKs and STATs in Lymphocytes: Bench to Bedside <b>2012</b> , 205-237		
2	Lymphocyte Identity and Genomic Switches. <i>Epigenetics and Human Health</i> , <b>2016</b> , 41-52		
1	Tpl2 kinase regulates T cell interferon-g production and host resistance to <i>Toxoplasma gondii</i> . <i>Journal of Cell Biology</i> , <b>2008</b> , 183, i10-i10	7.3	