Kiyoshi Hirahara

List of Publications by Citations

71 papers	4,579 citations	35 h-index	67 g-index
84 ext. papers	5,516 ext. citations	12 avg, IF	5.39 L-index

#	Paper	IF	Citations
71	Opposing regulation of the locus encoding IL-17 through direct, reciprocal actions of STAT3 and STAT5. *Nature Immunology*, **2011**, 12, 247-54	19.1	451
70	BACH2 represses effector programs to stabilize T(reg)-mediated immune homeostasis. *Nature*, **2013**, 498, 506-10	50.4	264
69	Transcriptional and epigenetic control of T helper cell specification: molecular mechanisms underlying commitment and plasticity. *Annual Review of Immunology*, **2012**, 30, 707-31	34.7	256
68	CD4+ T-cell subsets in inflammatory diseases: beyond the Th1/Th2 paradigm. *International Immunology*, **2016**, 28, 163-71	4.9	239
67	TGF-□and retinoic acid induce the microRNA miR-10a, which targets Bcl-6 and constrains the plasticity of helper T cells. *Nature Immunology*, **2012**, 13, 587-95	19.1	229
66	Interleukin-27 priming of T cells controls IL-17 production in trans via induction of the ligand PD-L1. *Immunity*, **2012**, 36, 1017-30	32.3	195
65	Th2 Cells in Health and Disease. *Annual Review of Immunology*, **2017**, 35, 53-84	34.7	168
64	Signal transduction pathways and transcriptional regulation in Th17 cell differentiation. *Cytokine and Growth Factor Reviews*, **2010**, 21, 425-34	17.9	167
63	T helper 17 cell heterogeneity and pathogenicity in autoimmune disease. *Trends in Immunology*, **2011**, 32, 395-401	14.4	162
62	Distinct requirements for T-bet in gut innate lymphoid cells. *Journal of Experimental Medicine*, **2012**, 209, 2331-8	16.6	140
61	The interleukin-33-p38 kinase axis confers memory T helper 2 cell pathogenicity in the airway. *Immunity*, **2015**, 42, 294-308	32.3	138
60	Regulation of allergic airway inflammation through Toll-like receptor 4-mediated modification of mast cell function. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 2286-91	11.5	129
59	Crucial role of MLL for the maintenance of memory T helper type 2 cell responses. *Immunity*, **2006**, 24, 611-22	32.3	123
58	Mechanisms underlying helper T-cell plasticity: implications for immune-mediated disease. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 1276-87	11.5	121
57	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. *Cell Reports*, **2015**, 12, 1042-55	10.6	115
56	Interleukin-23-Induced Transcription Factor Blimp-1 Promotes Pathogenicity of T Helper 17 Cells. *Immunity*, **2016**, 44, 131-142	32.3	98
55	Pathogenic memory type Th2 cells in allergic inflammation. *Trends in Immunology*, **2014**, 35, 69-78	14.4	89

54	EZH2 is crucial for both differentiation of regulatory T cells and T effector cell expansion. *Scientific Reports*, **2015**, 5, 10643	4.9	89
53	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. *Immunity*, **2015**, 42, 877-89	32.3	87
52	Bmi1 regulates memory CD4 T cell survival via repression of the Noxa gene. *Journal of Experimental Medicine*, **2008**, 205, 1109-20	16.6	87
51	Recent advances in understanding psoriasis. *F1000Research*, **2016**, 5,	3.6	82
50	Amphiregulin-Producing Pathogenic Memory T Helper 2 Cells Instruct Eosinophils to Secrete Osteopontin and Facilitate Airway Fibrosis. *Immunity*, **2018**, 49, 134-150.e6	32.3	78
49	Helper T-cell differentiation and plasticity: insights from epigenetics. *Immunology*, **2011**, 134, 235-45	7.8	77
48	Helper T-cell identity and evolution of differential transcriptomes and epigenomes. *Immunological Reviews*, **2013**, 252, 24-40	11.3	76
47	Thy1+IL-7+ lymphatic endothelial cells in iBALT provide a survival niche for memory T-helper cells in allergic airway inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E2842-51	11.5	74
46	Type I IFN induces binding of STAT1 to Bcl6: divergent roles of STAT family transcription factors in the T follicular helper cell genetic program. *Journal of Immunology*, **2014**, 192, 2156-66	5.3	71
45	Transcriptional and epigenetic networks of helper T and innate lymphoid cells. *Immunological Reviews*, **2014**, 261, 23-49	11.3	65
44	A mouse model of HIES reveals pro- and anti-inflammatory functions of STAT3. *Blood*, **2014**, 123, 2978-87	12.2	56
43	The Transcription Factor T-bet Limits Amplification of Type I IFN Transcriptome and Circuitry in T Helper 1 Cells. *Immunity*, **2017**, 46, 983-991.e4	32.3	48
42	Epigenetic regulation of T-helper cell differentiation, memory, and plasticity in allergic asthma. *Immunological Reviews*, **2017**, 278, 8-19	11.3	48
41	Repressor of GATA regulates TH2-driven allergic airway inflammation and airway hyperresponsiveness. *Journal of Allergy and Clinical Immunology*, **2008**, 122, 512-20.e11	11.5	43
40	Interleukin-25 and mucosal T cells in noneosinophilic and eosinophilic chronic rhinosinusitis. *Annals of Allergy, Asthma and Immunology*, **2015**, 114, 289-98	3.2	39
39	Abatacept (CTLA-4Ig) treatment reduces T cell apoptosis and regulatory T cell suppression in patients with rheumatoid arthritis. *Rheumatology*, **2016**, 55, 710-20	3.9	37
38	CD103 T cells constrain lung fibrosis induced by CD103 tissue-resident pathogenic CD4 T cells. *Nature Immunology*, **2019**, 20, 1469-1480	19.1	36
37	Helper T cell plasticity: impact of extrinsic and intrinsic signals on transcriptomes and epigenomes. *Current Topics in Microbiology and Immunology*, **2014**, 381, 279-326	3.3	36

36	Targeting cytokine signaling in autoimmunity: back to the future and beyond. *Current Opinion in Immunology*, **2016**, 43, 89-97	7.8	35
35	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. *Science Immunology*, **2016**, 1, eaaf9154	28	30
34	A T cell-specific deletion of HDAC1 protects against experimental autoimmune encephalomyelitis. *Journal of Autoimmunity*, **2018**, 86, 51-61	15.5	26
33	Nutritional control of IL-23/Th17-mediated autoimmune disease through HO-1/STAT3 activation. *Scientific Reports*, **2017**, 7, 44482	4.9	22
32	Gata3/Ruvbl2 complex regulates T helper 2 cell proliferation via repression of Cdkn2c expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 18626-31	11.5	22
31	Maintenance of pathogenic Th2 cells in allergic disorders. *Allergology International*, **2017**, 66, 369-376	4.4	20
30	Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. *Immunity*, **2020**, 53, 745-758.e4	32.3	20
29	CXCR6ST2 memory T helper 2 cells induced the expression of major basic protein in eosinophils to reduce the fecundity of helminth. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E9849-E9858	11.5	16
28	DUSP10 constrains innate IL-33-mediated cytokine production in ST2 memory-type pathogenic Th2 cells. *Nature Communications*, **2018**, 9, 4231	17.4	16
27	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. *Molecular and Cellular Biology*, **2015**, 35, 3841-53	4.8	15
26	Trithorax complex component Menin controls differentiation and maintenance of T helper 17 cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 12829-34	11.5	14
25	Ezh2 controls development of natural killer T cells, which cause spontaneous asthma-like pathology. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 549-560.e10	11.5	13
24	The immunopathology of lung fibrosis: amphiregulin-producing pathogenic memory T helper-2 cells control the airway fibrotic responses by inducing eosinophils to secrete osteopontin. *Seminars in Immunopathology*, **2019**, 41, 339-348	12	13
23	The pathogenicity of IL-33 on steroid-resistant eosinophilic inflammation via the activation of memory-type ST2 CD4 T cells. *Journal of Leukocyte Biology*, **2018**, 104, 895-901	6.5	12
22	Memory-type ST2CD4 T cells participate in the steroid-resistant pathology of eosinophilic pneumonia. *Scientific Reports*, **2017**, 7, 6805	4.9	12
21	Histone deacetylase 1 (HDAC1): A key player of T cell-mediated arthritis. *Journal of Autoimmunity*, **2020**, 108, 102379	15.5	12
20	Immune Cell-Epithelial/Mesenchymal Interaction Contributing to Allergic Airway Inflammation Associated Pathology. *Frontiers in Immunology*, **2019**, 10, 570	8.4	11
19	Orally desensitized mast cells form a regulatory network with Treg cells for the control of food allergy. *Mucosal Immunology*, **2021**, 14, 640-651	9.2	9

18	Menin Controls the Memory Th2 Cell Function by Maintaining the Epigenetic Integrity of Th2 Cells. *Journal of Immunology*, **2017**, 199, 1153-1162	5.3	8
17	Eosinophils: Cells known for over 140 years with broad and new functions. *Allergology International*, **2021**, 70, 3-8	4.4	7
16	Anti-tumor immunity via the superoxide-eosinophil axis induced by a lipophilic component of Mycobacterium lipomannan. *International Immunology*, **2017**, 29, 411-421	4.9	6
15	Activated invariant natural killer T cells directly recognize leukemia cells in a CD1d-independent manner. *Cancer Science*, **2020**, 111, 2223-2233	6.9	5
14	The Cxxc1 subunit of the Trithorax complex directs epigenetic licensing of CD4+ T cell differentiation. *Journal of Experimental Medicine*, **2021**, 218,	16.6	4
13	Maintenance of memory-type pathogenic Th2 cells in the pathophysiology of chronic airway inflammation. *Inflammation and Regeneration*, **2018**, 38, 10	10.9	3
12	The Role of CD4 Resident Memory T Cells in Local Immunity in the Mucosal Tissue - Protection Versus Pathology. *Frontiers in Immunology*, **2021**, 12, 616309	8.4	3
11	Nematode ascarosides attenuate mammalian type 2 inflammatory responses.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	2
10	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. *Frontiers in Immunology*, **2020**, 11, 1536	8.4	1
9	Pathogenic helper T cells. *Allergology International*, **2021**, 70, 169-173	4.4	1
8	An optimized protocol for the analysis of house dust mite (Dermatophagoides farinae)-induced neutrophil-dominant airway inflammation. *Journal of Immunological Methods*, **2019**, 465, 53-60	2.5	0
7	CD4+ T cells in inflammatory diseases: pathogenic T-helper cells and the CD69-Myl9 system. *International Immunology*, **2021**, 33, 699-704	4.9	0
6	Pathogenic Memory Th2 Cells in Airway Inflammation. *Cornea*, **2016**, 35, S8	3.1	
5	Function of JAKs and STATs in Lymphocytes: Bench to Bedside **2012**, 205-237		
4	Bmi1 regulates memory CD4 T cell survival via repression of theNoxagene. *Journal of Cell Biology*, **2008**, 181, i5-i5	7.3	
3	Invariant NKT Cells Recognize Leukemia Cells with T-Cell and NK Receptors in a CD1d-Independent Manner. *Blood*, **2019**, 134, 3225-3225	2.2	
2	Human and Mouse Memory-Type Pathogenic Th2 (Tpath2) Cells in Airway Inflammation **2016**, 401-415		
1	Induction and Regulation of Mucosal Memory T Cell Responses **2020**, 133-142		