

# Kiyoshi Hirahara

## List of Publications by Year in Descending Order

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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.

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	Nematode ascarosides attenuate mammalian type 2 inflammatory responses.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	2
70	The Role of CD4 Resident Memory T Cells in Local Immunity in the Mucosal Tissue - Protection Versus Pathology. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 616309	8.4	3
69	Pathogenic helper T cells. <i>Allergology International</i> , <b>2021</b> , 70, 169-173	4.4	1
68	Eosinophils: Cells known for over 140 years with broad and new functions. <i>Allergology International</i> , <b>2021</b> , 70, 3-8	4.4	7
67	Orally desensitized mast cells form a regulatory network with Treg cells for the control of food allergy. <i>Mucosal Immunology</i> , <b>2021</b> , 14, 640-651	9.2	9
66	CD4+ T cells in inflammatory diseases: pathogenic T-helper cells and the CD69-Myl9 system. <i>International Immunology</i> , <b>2021</b> , 33, 699-704	4.9	0
65	The Cxxc1 subunit of the Trithorax complex directs epigenetic licensing of CD4+ T cell differentiation. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	4
64	Activated invariant natural killer T cells directly recognize leukemia cells in a CD1d-independent manner. <i>Cancer Science</i> , <b>2020</b> , 111, 2223-2233	6.9	5
63	Induction and Regulation of Mucosal Memory T Cell Responses <b>2020</b> , 133-142		
62	Histone deacetylase 1 (HDAC1): A key player of T cell-mediated arthritis. <i>Journal of Autoimmunity</i> , <b>2020</b> , 108, 102379	15.5	12
61	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
60	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1536	8.4	1
59	CD103 T cells constrain lung fibrosis induced by CD103 tissue-resident pathogenic CD4 T cells. <i>Nature Immunology</i> , <b>2019</b> , 20, 1469-1480	19.1	36
58	Immune Cell-Epithelial/Mesenchymal Interaction Contributing to Allergic Airway Inflammation Associated Pathology. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 570	8.4	11
57	Ezh2 controls development of natural killer T cells, which cause spontaneous asthma-like pathology. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 549-560.e10	11.5	13
56	The immunopathology of lung fibrosis: amphiregulin-producing pathogenic memory T helper-2 cells control the airway fibrotic responses by inducing eosinophils to secrete osteopontin. <i>Seminars in Immunopathology</i> , <b>2019</b> , 41, 339-348	12	13
55	Invariant NKT Cells Recognize Leukemia Cells with T-Cell and NK Receptors in a CD1d-Independent Manner. <i>Blood</i> , <b>2019</b> , 134, 3225-3225	2.2	

54	An optimized protocol for the analysis of house dust mite ( <i>Dermatophagoides farinae</i> )-induced neutrophil-dominant airway inflammation. <i>Journal of Immunological Methods</i> , <b>2019</b> , 465, 53-60	2.5	0
53	The pathogenicity of IL-33 on steroid-resistant eosinophilic inflammation via the activation of memory-type ST2 CD4 T cells. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 104, 895-901	6.5	12
52	A T cell-specific deletion of HDAC1 protects against experimental autoimmune encephalomyelitis. <i>Journal of Autoimmunity</i> , <b>2018</b> , 86, 51-61	15.5	26
51	Maintenance of memory-type pathogenic Th2 cells in the pathophysiology of chronic airway inflammation. <i>Inflammation and Regeneration</i> , <b>2018</b> , 38, 10	10.9	3
50	CXCR6 <sup>ST2</sup> memory T helper 2 cells induced the expression of major basic protein in eosinophils to reduce the fecundity of helminth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E9849-E9858	11.5	16
49	DUSP10 constrains innate IL-33-mediated cytokine production in ST2 memory-type pathogenic Th2 cells. <i>Nature Communications</i> , <b>2018</b> , 9, 4231	17.4	16
48	Amphiregulin-Producing Pathogenic Memory T Helper 2 Cells Instruct Eosinophils to Secrete Osteopontin and Facilitate Airway Fibrosis. <i>Immunity</i> , <b>2018</b> , 49, 134-150.e6	32.3	78
47	Maintenance of pathogenic Th2 cells in allergic disorders. <i>Allergology International</i> , <b>2017</b> , 66, 369-376	4.4	20
46	Th2 Cells in Health and Disease. <i>Annual Review of Immunology</i> , <b>2017</b> , 35, 53-84	34.7	168
45	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
44	Nutritional control of IL-23/Th17-mediated autoimmune disease through HO-1/STAT3 activation. <i>Scientific Reports</i> , <b>2017</b> , 7, 44482	4.9	22
43	Memory-type ST2CD4 T cells participate in the steroid-resistant pathology of eosinophilic pneumonia. <i>Scientific Reports</i> , <b>2017</b> , 7, 6805	4.9	12
42	Epigenetic regulation of T-helper cell differentiation, memory, and plasticity in allergic asthma. <i>Immunological Reviews</i> , <b>2017</b> , 278, 8-19	11.3	48
41	Menin Controls the Memory Th2 Cell Function by Maintaining the Epigenetic Integrity of Th2 Cells. <i>Journal of Immunology</i> , <b>2017</b> , 199, 1153-1162	5.3	8
40	Anti-tumor immunity via the superoxide-eosinophil axis induced by a lipophilic component of Mycobacterium lipomannan. <i>International Immunology</i> , <b>2017</b> , 29, 411-421	4.9	6
39	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
38	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. <i>Science Immunology</i> , <b>2016</b> , 1, eaaf9154	28	30
37	Pathogenic Memory Th2 Cells in Airway Inflammation. <i>Cornea</i> , <b>2016</b> , 35, S8	3.1	

36	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
35	Abatacept (CTLA-4Ig) treatment reduces T cell apoptosis and regulatory T cell suppression in patients with rheumatoid arthritis. <i>Rheumatology</i> , <b>2016</b> , 55, 710-20	3.9	37
34	Human and Mouse Memory-Type Pathogenic Th2 (Tpath2) Cells in Airway Inflammation <b>2016</b> , 401-415		
33	Recent advances in understanding psoriasis. <i>F1000Research</i> , <b>2016</b> , 5,	3.6	82
32	CD4+ T-cell subsets in inflammatory diseases: beyond the Th1/Th2 paradigm. <i>International Immunology</i> , <b>2016</b> , 28, 163-71	4.9	239
31	Thy1+IL-7+ lymphatic endothelial cells in iBALT provide a survival niche for memory T-helper cells in allergic airway inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E2842-51	11.5	74
30	Interleukin-25 and mucosal T cells in noneosinophilic and eosinophilic chronic rhinosinusitis. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2015</b> , 114, 289-98	3.2	39
29	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. <i>Immunity</i> , <b>2015</b> , 42, 877-89	32.3	87
28	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. <i>Cell Reports</i> , <b>2015</b> , 12, 1042-55	10.6	115
27	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 3841-53	4.8	15
26	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
25	The interleukin-33-p38 kinase axis confers memory T helper 2 cell pathogenicity in the airway. <i>Immunity</i> , <b>2015</b> , 42, 294-308	32.3	138
24	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
23	Pathogenic memory type Th2 cells in allergic inflammation. <i>Trends in Immunology</i> , <b>2014</b> , 35, 69-78	14.4	89
22	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
21	Transcriptional and epigenetic networks of helper T and innate lymphoid cells. <i>Immunological Reviews</i> , <b>2014</b> , 261, 23-49	11.3	65
20	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
19	Trithorax complex component Menin controls differentiation and maintenance of T helper 17 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 12829-34	11.5	14

18	BACH2 represses effector programs to stabilize T(reg)-mediated immune homeostasis. <i>Nature</i> , <b>2013</b> , 498, 506-10	50.4	264
17	Helper T-cell identity and evolution of differential transcriptomes and epigenomes. <i>Immunological Reviews</i> , <b>2013</b> , 252, 24-40	11.3	76
16	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
15	Gata3/Ruvbl2 complex regulates T helper 2 cell proliferation via repression of Cdkn2c expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 18626-31	11.5	22
14	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
13	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
12	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
11	Function of JAKs and STATs in Lymphocytes: Bench to Bedside <b>2012</b> , 205-237		
10	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
9	T helper 17 cell heterogeneity and pathogenicity in autoimmune disease. <i>Trends in Immunology</i> , <b>2011</b> , 32, 395-401	14.4	162
8	Helper T-cell differentiation and plasticity: insights from epigenetics. <i>Immunology</i> , <b>2011</b> , 134, 235-45	7.8	77
7	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
6	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
5	Repressor of GATA regulates TH2-driven allergic airway inflammation and airway hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 122, 512-20.e11	11.5	43
4	Bmi1 regulates memory CD4 T cell survival via repression of the Noxa gene. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 1109-20	16.6	87
3	Bmi1 regulates memory CD4 T cell survival via repression of the Noxagene. <i>Journal of Cell Biology</i> , <b>2008</b> , 181, i5-i5	7.3	
2	Regulation of allergic airway inflammation through Toll-like receptor 4-mediated modification of mast cell function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 2286-91	11.5	129
1	Crucial role of MLL for the maintenance of memory T helper type 2 cell responses. <i>Immunity</i> , <b>2006</b> , 24, 611-22	32.3	123

