Kiyoshi Hirahara

List of Publications by Year
in descending order

75	6,074	94381 37	98753 67
papers	citations	h-index	g-index

84	84	84	10792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Opposing regulation of the locus encoding IL-17 through direct, reciprocal actions of STAT3 and STAT5. Nature Immunology, 2011, 12, 247-254.	7.0	522
2	CD4 + T-cell subsets in inflammatory diseases: beyond the T h 1/T h 2 paradigm. International Immunology, 2016, 28, 163-171.	1.8	343
3	BACH2 represses effector programs to stabilize Treg-mediated immune homeostasis. Nature, 2013, 498, 506-510.	13.7	332
4	Transcriptional and Epigenetic Control of T Helper Cell Specification: Molecular Mechanisms Underlying Commitment and Plasticity. Annual Review of Immunology, 2012, 30, 707-731.	9.5	296
5	Th2 Cells in Health and Disease. Annual Review of Immunology, 2017, 35, 53-84.	9.5	283
6	TGF-Î² and retinoic acid induce the microRNA miR-10a, which targets Bcl-6 and constrains the plasticity of helper T cells. Nature Immunology, 2012, 13, 587-595.	7.0	255
7	Interleukin-27 Priming of T Cells Controls IL-17 Production In trans via Induction of the Ligand PD-L1. Immunity, 2012, 36, 1017-1030.	6.6	229
8	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. Immunity, 2015, 42, 294-308.	6.6	199
9	Signal transduction pathways and transcriptional regulation in Th17 cell differentiation. Cytokine and Growth Factor Reviews, 2010, 21, 425-434.	3.2	195
10	T helper 17 cell heterogeneity and pathogenicity in autoimmune disease. Trends in Immunology, 2011, 32, 395-401.	2.9	187
11	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. Cell Reports, 2015, 12, 1042-1055.	2.9	182
12	Distinct requirements for T-bet in gut innate lymphoid cells. Journal of Experimental Medicine, 2012, 209, 2331-2338.	4.2	160
13	Mechanisms underlying helper T-cell plasticity: Implications for immune-mediated disease. Journal of Allergy and Clinical Immunology, 2013, 131, 1276-1287.	1.5	138
14	Amphiregulin-Producing Pathogenic Memory T Helper 2 Cells Instruct Eosinophils to Secrete Osteopontin and Facilitate Airway Fibrosis. Immunity, 2018, 49, 134-150.e6.	6.6	138
15	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. Immunity, 2015, 42, 877-889.	6.6	137
16	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, 2286-2291.	3.3	136
17	Crucial Role of MLL for the Maintenance of Memory T Helper Type 2 Cell Responses. Immunity, 2006, 24, 611-622.	6.6	134
18	Interleukin-23-Induced Transcription Factor Blimp-1 Promotes Pathogenicity of T Helper 17 Cells. Immunity, 2016, 44, 131-142.	6.6	131

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19	EZH2 is crucial for both differentiation of regulatory T cells and T effector cell expansion. Scientific Reports, 2015, 5, 10643.	1.6	129
20	Recent advances in understanding psoriasis. F1000Research, 2016, 5, 770.	0.8	105
21	Pathogenic memory type Th2 cells in allergic inflammation. Trends in Immunology, 2014, 35, 69-78.	2.9	104
22	Bmi1 regulates memory CD4 T cell survival via repression of the Noxa gene. Journal of Experimental Medicine, 2008, 205, 1109-1120.	4.2	102
23	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.	3.3	97
24	Helper T-cell differentiation and plasticity: insights from epigenetics. Immunology, 2011, 134, 235-245.	2.0	96
25	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, 2156-2166.	0.4	95
26	Helper Tâ€cell identity and evolution of differential transcriptomes and epigenomes. Immunological Reviews, 2013, 252, 24-40.	2.8	90
27	CD103hi Treg cells constrain lung fibrosis induced by CD103lo tissue-resident pathogenic CD4 T cells. Nature Immunology, 2019, 20, 1469-1480.	7.0	80
28	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.	6.6	79
29	Transcriptional and epigenetic networks of helper T and innate lymphoid cells. Immunological Reviews, 2014, 261, 23-49.	2.8	76
30	A mouse model of HIES reveals pro- and anti-inflammatory functions of STAT3. Blood, 2014, 123, 2978-2987.	0.6	71
31	Epigenetic regulation of Tâ€helper cell differentiation, memory, and plasticity in allergic asthma. Immunological Reviews, 2017, 278, 8-19.	2.8	70
32	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. Science Immunology, 2016, 1, eaaf9154.	5.6	61
33	Helper T Cell Plasticity: Impact of Extrinsic and Intrinsic Signals on Transcriptomes and Epigenomes. Current Topics in Microbiology and Immunology, 2014, 381, 279-326.	0.7	57
34	Repressor of GATA regulates TH2-driven allergic airway inflammation and airway hyperresponsiveness. Journal of Allergy and Clinical Immunology, 2008, 122, 512-520.e11.	1.5	56
35	Interleukin-25 and mucosal T cells in noneosinophilic and eosinophilic chronic rhinosinusitis. Annals of Allergy, Asthma and Immunology, 2015, 114, 289-298.	0.5	51
36	Targeting cytokine signaling in autoimmunity: back to the future and beyond. Current Opinion in Immunology, 2016, 43, 89-97.	2.4	47

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37	Abatacept (CTLA-4Ig) treatment reduces T cell apoptosis and regulatory T cell suppression in patients with rheumatoid arthritis. Rheumatology, 2016, 55, 710-720.	0.9	47
38	Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. Immunity, 2020, 53, 745-758.e4.	6.6	46
39	A T cell-specific deletion of HDAC1 protects against experimental autoimmune encephalomyelitis. Journal of Autoimmunity, 2018, 86, 51-61.	3.0	39
40	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, 18626-18631.	3.3	36
41	DUSP10 constrains innate IL-33-mediated cytokine production in ST2hi memory-type pathogenic Th2 cells. Nature Communications, 2018, 9, 4231.	5.8	35
42	Histone deacetylase 1 (HDAC1): A key player of T cell-mediated arthritis. Journal of Autoimmunity, 2020, 108, 102379.	3.0	31
43	Eosinophils: Cells known for over 140 years with broad and new functions. Allergology International, 2021, 70, 3-8.	1.4	30
44	Nutritional control of IL-23/Th17-mediated autoimmune disease through HO-1/STAT3 activation. Scientific Reports, 2017, 7, 44482.	1.6	28
45	Maintenance of pathogenic Th2 cells in allergic disorders. Allergology International, 2017, 66, 369-376.	1.4	27
46	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.	2.8	22
47	Orally desensitized mast cells form a regulatory network with Treg cells for the control of food allergy. Mucosal Immunology, 2021, 14, 640-651.	2.7	22
48	The Role of CD4+ Resident Memory T Cells in Local Immunity in the Mucosal Tissue â€“ Protection Versus Pathology â€“. Frontiers in Immunology, 2021, 12, 616309.	2.2	22
49	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, 12829-12834.	3.3	21
50	Memory-type ST2+CD4+ T cells participate in the steroid-resistant pathology of eosinophilic pneumonia. Scientific Reports, 2017, 7, 6805.	1.6	21
51	CXCR6 ⁺ ST2 ⁺ 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.	3.3	21
52	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.	1.5	21
53	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. Molecular and Cellular Biology, 2015, 35, 3841-3853.	1.1	18
54	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.	1.5	17

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55	Immune Cell-Epithelial/Mesenchymal Interaction Contributing to Allergic Airway Inflammation Associated Pathology. Frontiers in Immunology, 2019, 10, 570.	2.2	17
56	Menin Controls the Memory Th2 Cell Function by Maintaining the Epigenetic Integrity of Th2 Cells. Journal of Immunology, 2017, 199, 1153-1162.	0.4	12
57	Anti-tumor immunity via the superoxide-eosinophil axis induced by a lipophilic component of Mycobacterium lipomannan. International Immunology, 2017, 29, 411-421.	1.8	10
58	Memory-type pathogenic TH2 cells and ILC2s in type 2 allergic inflammation. Journal of Allergy and Clinical Immunology, 2021, 147, 2063-2066.	1.5	10
59	The Cxxc1 subunit of the Trithorax complex directs epigenetic licensing of CD4+ T cell differentiation. Journal of Experimental Medicine, 2021, 218, .	4.2	10
60	Activated invariant natural killer T cells directly recognize leukemia cells in a CD1dâ€independent manner. Cancer Science, 2020, 111, 2223-2233.	1.7	10
61	Maintenance of memory-type pathogenic Th2 cells in the pathophysiology of chronic airway inflammation. Inflammation and Regeneration, 2018, 38, 10.	1.5	7
62	Pathogenic helper T cells. Allergology International, 2021, 70, 169-173.	1.4	7
63	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. Frontiers in Immunology, 2020, 11, 1536.	2.2	5
64	CD4+ T cells in inflammatory diseases: pathogenic T-helper cells and the CD69â€“Myl9 system. International Immunology, 2021, 33, 699-704.	1.8	5
65	Nematode ascarosides attenuate mammalian type 2 inflammatory responses. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	5
66	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.	0.6	2
67	Function of JAKs and STATs in Lymphocytes: Bench to Bedside. , 2012, , 205-237.		0
68	Pathogenic Memory Th2 Cells in Airway Inflammation. Cornea, 2016, 35, S8.	0.9	0
69	Pathogenicity of acquired immunity in human diseases. Seminars in Immunopathology, 2019, 41, 279-281.	2.8	0
70	OP0194â€…HISTONE DEACETYLASE 1 (HDAC1): A KEY MEDIATOR OF T CELLS FOR THE PATHOGENESIS OF RHEUMATOID ARTHRITIS. , 2019, , .		0
71	Induction and Regulation of Mucosal Memory T Cell Responses. , 2020, , 133-142.		0
72	Bmi1 regulates memory CD4 T cell survival via repression of theNoxagene. Journal of Cell Biology, 2008, 181, i5-i5.	2.3	0

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73	Human and Mouse Memory-Type Pathogenic Th2 (Tpath2) Cells in Airway Inflammation. , 2016, , 401-415.		0
74	Invariant NKT Cells Recognize Leukemia Cells with T-Cell and NK Receptors in a CD1d-Independent Manner. Blood, 2019, 134, 3225-3225.	0.6	0
75	The new preparation method for paraffin-embedded samples applying scanning electron microscopy revealed characteristic features in asthma-induced mice. Scientific Reports, 2022, 12, .	1.6	0