

Kiyoshi Hirahara

List of Publications by Year in descending order

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75
papers

6,074
citations

94433

37
h-index

98798

67
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84
all docs

84
docs citations

84
times ranked

10792
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposing regulation of the locus encoding IL-17 through direct, reciprocal actions of STAT3 and STAT5. <i>Nature Immunology</i> , 2011, 12, 247-254.	14.5	522
2	CD4 + T-cell subsets in inflammatory diseases: beyond the T h 1/T h 2 paradigm. <i>International Immunology</i> , 2016, 28, 163-171.	4.0	343
3	BACH2 represses effector programs to stabilize Treg-mediated immune homeostasis. <i>Nature</i> , 2013, 498, 506-510.	27.8	332
4	Transcriptional and Epigenetic Control of T Helper Cell Specification: Molecular Mechanisms Underlying Commitment and Plasticity. <i>Annual Review of Immunology</i> , 2012, 30, 707-731.	21.8	296
5	Th2 Cells in Health and Disease. <i>Annual Review of Immunology</i> , 2017, 35, 53-84.	21.8	283
6	TGF- β 2 and retinoic acid induce the microRNA miR-10a, which targets Bcl-6 and constrains the plasticity of helper T cells. <i>Nature Immunology</i> , 2012, 13, 587-595.	14.5	255
7	Interleukin-27 Priming of T Cells Controls IL-17 Production In trans via Induction of the Ligand PD-L1. <i>Immunity</i> , 2012, 36, 1017-1030.	14.3	229
8	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. <i>Immunity</i> , 2015, 42, 294-308.	14.3	199
9	Signal transduction pathways and transcriptional regulation in Th17 cell differentiation. <i>Cytokine and Growth Factor Reviews</i> , 2010, 21, 425-434.	7.2	195
10	T helper 17 cell heterogeneity and pathogenicity in autoimmune disease. <i>Trends in Immunology</i> , 2011, 32, 395-401.	6.8	187
11	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. <i>Cell Reports</i> , 2015, 12, 1042-1055.	6.4	182
12	Distinct requirements for T-bet in gut innate lymphoid cells. <i>Journal of Experimental Medicine</i> , 2012, 209, 2331-2338.	8.5	160
13	Mechanisms underlying helper T-cell plasticity: Implications for immune-mediated disease. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1276-1287.	2.9	138
14	Amphiregulin-Producing Pathogenic Memory T Helper 2 Cells Instruct Eosinophils to Secrete Osteopontin and Facilitate Airway Fibrosis. <i>Immunity</i> , 2018, 49, 134-150.e6.	14.3	138
15	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. <i>Immunity</i> , 2015, 42, 877-889.	14.3	137
16	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> , 2006, 103, 2286-2291.	7.1	136
17	Crucial Role of MLL for the Maintenance of Memory T Helper Type 2 Cell Responses. <i>Immunity</i> , 2006, 24, 611-622.	14.3	134
18	Interleukin-23-Induced Transcription Factor Blimp-1 Promotes Pathogenicity of T Helper 17 Cells. <i>Immunity</i> , 2016, 44, 131-142.	14.3	131

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19	EZH2 is crucial for both differentiation of regulatory T cells and T effector cell expansion. <i>Scientific Reports</i> , 2015, 5, 10643.	3.3	129
20	Recent advances in understanding psoriasis. <i>F1000Research</i> , 2016, 5, 770.	1.6	105
21	Pathogenic memory type Th2 cells in allergic inflammation. <i>Trends in Immunology</i> , 2014, 35, 69-78.	6.8	104
22	Bmi1 regulates memory CD4 T cell survival via repression of the <i>Noxa</i> gene. <i>Journal of Experimental Medicine</i> , 2008, 205, 1109-1120.	8.5	102
23	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> , 2016, 113, E2842-51.	7.1	97
24	Helper T-cell differentiation and plasticity: insights from epigenetics. <i>Immunology</i> , 2011, 134, 235-245.	4.4	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. <i>Journal of Immunology</i> , 2014, 192, 2156-2166.	0.8	95
26	Helper T cell identity and evolution of differential transcriptomes and epigenomes. <i>Immunological Reviews</i> , 2013, 252, 24-40.	6.0	90
27	CD103 ^{hi} Treg cells constrain lung fibrosis induced by CD103 ^{lo} tissue-resident pathogenic CD4 T cells. <i>Nature Immunology</i> , 2019, 20, 1469-1480.	14.5	80
28	The Transcription Factor T-bet Limits Amplification of Type I IFN Transcriptome and Circuitry in T Helper 1 Cells. <i>Immunity</i> , 2017, 46, 983-991.e4.	14.3	79
29	Transcriptional and epigenetic networks of helper T and innate lymphoid cells. <i>Immunological Reviews</i> , 2014, 261, 23-49.	6.0	76
30	A mouse model of HIES reveals pro- and anti-inflammatory functions of STAT3. <i>Blood</i> , 2014, 123, 2978-2987.	1.4	71
31	Epigenetic regulation of T helper cell differentiation, memory, and plasticity in allergic asthma. <i>Immunological Reviews</i> , 2017, 278, 8-19.	6.0	70
32	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. <i>Science Immunology</i> , 2016, 1, eaaf9154.	11.9	61
33	Helper T Cell Plasticity: Impact of Extrinsic and Intrinsic Signals on Transcriptomes and Epigenomes. <i>Current Topics in Microbiology and Immunology</i> , 2014, 381, 279-326.	1.1	57
34	Repressor of GATA regulates TH2-driven allergic airway inflammation and airway hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 512-520.e11.	2.9	56
35	Interleukin-25 and mucosal T cells in noneosinophilic and eosinophilic chronic rhinosinusitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2015, 114, 289-298.	1.0	51
36	Targeting cytokine signaling in autoimmunity: back to the future and beyond. <i>Current Opinion in Immunology</i> , 2016, 43, 89-97.	5.5	47

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37	Abatacept (CTLA-4Ig) treatment reduces T cell apoptosis and regulatory T cell suppression in patients with rheumatoid arthritis. <i>Rheumatology</i> , 2016, 55, 710-720.	1.9	47
38	Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. <i>Immunity</i> , 2020, 53, 745-758.e4.	14.3	46
39	A T cell-specific deletion of HDAC1 protects against experimental autoimmune encephalomyelitis. <i>Journal of Autoimmunity</i> , 2018, 86, 51-61.	6.5	39
40	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> , 2013, 110, 18626-18631.	7.1	36
41	DUSP10 constrains innate IL-33-mediated cytokine production in ST2hi memory-type pathogenic Th2 cells. <i>Nature Communications</i> , 2018, 9, 4231.	12.8	35
42	Histone deacetylase 1 (HDAC1): A key player of T cell-mediated arthritis. <i>Journal of Autoimmunity</i> , 2020, 108, 102379.	6.5	31
43	Eosinophils: Cells known for over 140 years with broad and new functions. <i>Allergy International</i> , 2021, 70, 3-8.	3.3	30
44	Nutritional control of IL-23/Th17-mediated autoimmune disease through HO-1/STAT3 activation. <i>Scientific Reports</i> , 2017, 7, 44482.	3.3	28
45	Maintenance of pathogenic Th2 cells in allergic disorders. <i>Allergy International</i> , 2017, 66, 369-376.	3.3	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. <i>Seminars in Immunopathology</i> , 2019, 41, 339-348.	6.1	22
47	Orally desensitized mast cells form a regulatory network with Treg cells for the control of food allergy. <i>Mucosal Immunology</i> , 2021, 14, 640-651.	6.0	22
48	The Role of CD4+ Resident Memory T Cells in Local Immunity in the Mucosal Tissue “Protection Versus Pathology”. <i>Frontiers in Immunology</i> , 2021, 12, 616309.	4.8	22
49	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> , 2014, 111, 12829-12834.	7.1	21
50	Memory-type ST2+CD4+ T cells participate in the steroid-resistant pathology of eosinophilic pneumonia. <i>Scientific Reports</i> , 2017, 7, 6805.	3.3	21
51	CXCR6 ⁺ ST2 ⁺ 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> , 2018, 115, E9849-E9858.	7.1	21
52	Ezh2 controls development of natural killer T cells, which cause spontaneous asthma-like pathology. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 549-560.e10.	2.9	21
53	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. <i>Molecular and Cellular Biology</i> , 2015, 35, 3841-3853.	2.3	18
54	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> , 2018, 104, 895-901.	3.3	17

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55	Immune Cell-Epithelial/Mesenchymal Interaction Contributing to Allergic Airway Inflammation Associated Pathology. <i>Frontiers in Immunology</i> , 2019, 10, 570.	4.8	17
56	Menin Controls the Memory Th2 Cell Function by Maintaining the Epigenetic Integrity of Th2 Cells. <i>Journal of Immunology</i> , 2017, 199, 1153-1162.	0.8	12
57	Anti-tumor immunity via the superoxide-eosinophil axis induced by a lipophilic component of Mycobacterium lipomannan. <i>International Immunology</i> , 2017, 29, 411-421.	4.0	10
58	Memory-type pathogenic TH2 cells and ILC2s in type 2 allergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 2063-2066.	2.9	10
59	The Cxxc1 subunit of the Trithorax complex directs epigenetic licensing of CD4+ T cell differentiation. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	10
60	Activated invariant natural killer T cells directly recognize leukemia cells in a CD1d-independent manner. <i>Cancer Science</i> , 2020, 111, 2223-2233.	3.9	10
61	Maintenance of memory-type pathogenic Th2 cells in the pathophysiology of chronic airway inflammation. <i>Inflammation and Regeneration</i> , 2018, 38, 10.	3.7	7
62	Pathogenic helper T cells. <i>Allergology International</i> , 2021, 70, 169-173.	3.3	7
63	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. <i>Frontiers in Immunology</i> , 2020, 11, 1536.	4.8	5
64	CD4+ T cells in inflammatory diseases: pathogenic T-helper cells and the CD69-Myl9 system. <i>International Immunology</i> , 2021, 33, 699-704.	4.0	5
65	Nematode ascariosides attenuate mammalian type 2 inflammatory responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	5
66	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> , 2019, 465, 53-60.	1.4	2
67	Function of JAKs and STATs in Lymphocytes: Bench to Bedside. , 2012, , 205-237.		0
68	Pathogenic Memory Th2 Cells in Airway Inflammation. <i>Cornea</i> , 2016, 35, S8.	1.7	0
69	Pathogenicity of acquired immunity in human diseases. <i>Seminars in Immunopathology</i> , 2019, 41, 279-281.	6.1	0
70	OP0194-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 the Nox gene. <i>Journal of Cell Biology</i> , 2008, 181, i5-i5.	5.2	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.	1.4	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, .	3.3	0