

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
g-index

84
all docs

84
docs citations

84
times ranked

10792
citing authors

#	ARTICLE	IF	CITATIONS
1	Nematode ascarosides attenuate mammalian type 2 inflammatory responses. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
2	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
3	Eosinophils: Cells known for over 140 years with broad and new functions. Allergy International, 2021, 70, 3-8.	3.3	30
4	Orally desensitized mast cells form a regulatory network with Treg cells for the control of food allergy. Mucosal Immunology, 2021, 14, 640-651.	6.0	22
5	The Role of CD4+ Resident Memory T Cells in Local Immunity in the Mucosal Tissue “Protection Versus Pathology”. Frontiers in Immunology, 2021, 12, 616309.	4.8	22
6	Pathogenic helper T cells. Allergy International, 2021, 70, 169-173.	3.3	7
7	Memory-type pathogenic TH2 cells and ILC2s in type 2 allergic inflammation. Journal of Allergy and Clinical Immunology, 2021, 147, 2063-2066.	2.9	10
8	CD4+ T cells in inflammatory diseases: pathogenic T-helper cells and the CD69“Myl9 system. International Immunology, 2021, 33, 699-704.	4.0	5
9	The Cxyc1 subunit of the Trithorax complex directs epigenetic licensing of CD4+ T cell differentiation. Journal of Experimental Medicine, 2021, 218, .	8.5	10
10	Induction and Regulation of Mucosal Memory T Cell Responses. , 2020, , 133-142.		0
11	Histone deacetylase 1 (HDAC1): A key player of T cell-mediated arthritis. Journal of Autoimmunity, 2020, 108, 102379.	6.5	31
12	Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. Immunity, 2020, 53, 745-758.e4.	14.3	46
13	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. Frontiers in Immunology, 2020, 11, 1536.	4.8	5
14	Activated invariant natural killer T cells directly recognize leukemia cells in a CD1d“independent manner. Cancer Science, 2020, 111, 2223-2233.	3.9	10
15	CD103hi Treg cells constrain lung fibrosis induced by CD103lo tissue-resident pathogenic CD4 T cells. Nature Immunology, 2019, 20, 1469-1480.	14.5	80
16	Pathogenicity of acquired immunity in human diseases. Seminars in Immunopathology, 2019, 41, 279-281.	6.1	0
17	Immune Cell-Epithelial/Mesenchymal Interaction Contributing to Allergic Airway Inflammation Associated Pathology. Frontiers in Immunology, 2019, 10, 570.	4.8	17
18	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.	2.9	21

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19	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
20	OP0194...HISTONE DEACETYLASE 1 (HDAC1): A KEY MEDIATOR OF T CELLS FOR THE PATHOGENESIS OF RHEUMATOID ARTHRITIS. , 2019, , .		0
21	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
22	Invariant NKT Cells Recognize Leukemia Cells with T-Cell and NK Receptors in a CD1d-Independent Manner. <i>Blood</i> , 2019, 134, 3225-3225.	1.4	0
23	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
24	A T cell-specific deletion of HDAC1 protects against experimental autoimmune encephalomyelitis. <i>Journal of Autoimmunity</i> , 2018, 86, 51-61.	6.5	39
25	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
26	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
27	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
28	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
29	Maintenance of pathogenic Th2 cells in allergic disorders. <i>Allergology International</i> , 2017, 66, 369-376.	3.3	27
30	Th2 Cells in Health and Disease. <i>Annual Review of Immunology</i> , 2017, 35, 53-84.	21.8	283
31	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
32	Nutritional control of IL-23/Th17-mediated autoimmune disease through HO-1/STAT3 activation. <i>Scientific Reports</i> , 2017, 7, 44482.	3.3	28
33	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
34	Epigenetic regulation of T _H 2 helper cell differentiation, memory, and plasticity in allergic asthma. <i>Immunological Reviews</i> , 2017, 278, 8-19.	6.0	70
35	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
36	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

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37	Recent advances in understanding psoriasis. F1000Research, 2016, 5, 770.	1.6	105
38	CD4 + T-cell subsets in inflammatory diseases: beyond the T h 1/T h 2 paradigm. International Immunology, 2016, 28, 163-171.	4.0	343
39	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.	7.1	97
40	Targeting cytokine signaling in autoimmunity: back to the future and beyond. Current Opinion in Immunology, 2016, 43, 89-97.	5.5	47
41	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. Science Immunology, 2016, 1, eaaf9154.	11.9	61
42	Pathogenic Memory Th2 Cells in Airway Inflammation. Cornea, 2016, 35, S8.	1.7	0
43	Interleukin-23-Induced Transcription Factor Blimp-1 Promotes Pathogenicity of T Helper 17 Cells. Immunity, 2016, 44, 131-142.	14.3	131
44	Abatacept (CTLA-4Ig) treatment reduces T cell apoptosis and regulatory T cell suppression in patients with rheumatoid arthritis. Rheumatology, 2016, 55, 710-720.	1.9	47
45	Human and Mouse Memory-Type Pathogenic Th2 (Tpath2) Cells in Airway Inflammation. , 2016, , 401-415.		0
46	EZH2 is crucial for both differentiation of regulatory T cells and T effector cell expansion. Scientific Reports, 2015, 5, 10643.	3.3	129
47	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. Immunity, 2015, 42, 294-308.	14.3	199
48	Interleukin-25 and mucosal T cells in noneosinophilic and eosinophilic chronic rhinosinusitis. Annals of Allergy, Asthma and Immunology, 2015, 114, 289-298.	1.0	51
49	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. Immunity, 2015, 42, 877-889.	14.3	137
50	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. Cell Reports, 2015, 12, 1042-1055.	6.4	182
51	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. Molecular and Cellular Biology, 2015, 35, 3841-3853.	2.3	18
52	A mouse model of HIES reveals pro- and anti-inflammatory functions of STAT3. Blood, 2014, 123, 2978-2987.	1.4	71
53	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.	7.1	21
54	Helper T Cell Plasticity: Impact of Extrinsic and Intrinsic Signals on Transcriptomes and Epigenomes. Current Topics in Microbiology and Immunology, 2014, 381, 279-326.	1.1	57

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55	Pathogenic memory type Th2 cells in allergic inflammation. <i>Trends in Immunology</i> , 2014, 35, 69-78.	6.8	104
56	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
57	Transcriptional and epigenetic networks of helper T and innate lymphoid cells. <i>Immunological Reviews</i> , 2014, 261, 23-49.	6.0	76
58	BACH2 represses effector programs to stabilize Treg-mediated immune homeostasis. <i>Nature</i> , 2013, 498, 506-510.	27.8	332
59	Helper T cell identity and evolution of differential transcriptomes and epigenomes. <i>Immunological Reviews</i> , 2013, 252, 24-40.	6.0	90
60	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
61	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
62	Distinct requirements for T-bet in gut innate lymphoid cells. <i>Journal of Experimental Medicine</i> , 2012, 209, 2331-2338.	8.5	160
63	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
64	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
65	Function of JAKs and STATs in Lymphocytes: Bench to Bedside. , 2012, , 205-237.		0
66	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
67	T helper 17 cell heterogeneity and pathogenicity in autoimmune disease. <i>Trends in Immunology</i> , 2011, 32, 395-401.	6.8	187
68	Helper T-cell differentiation and plasticity: insights from epigenetics. <i>Immunology</i> , 2011, 134, 235-245.	4.4	96
69	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
70	Signal transduction pathways and transcriptional regulation in Th17 cell differentiation. <i>Cytokine and Growth Factor Reviews</i> , 2010, 21, 425-434.	7.2	195
71	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
72	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

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73	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
74	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
75	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