

Hiroyuki Hosokawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6985182/publications.pdf>

Version: 2024-02-01

63
papers

3,840
citations

147801

31
h-index

138484

58
g-index

66
all docs

66
docs citations

66
times ranked

6347
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphate-activated glutaminase (GLS2), a p53-inducible regulator of glutamine metabolism and reactive oxygen species. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7461-7466.	7.1	548
2	Th2 Cells in Health and Disease. Annual Review of Immunology, 2017, 35, 53-84.	21.8	283
3	The Polycomb Protein Ezh2 Regulates Differentiation and Plasticity of CD4+ T Helper Type 1 and Type 2 Cells. Immunity, 2013, 39, 819-832.	14.3	260
4	The transcription factor Sox4 is a downstream target of signaling by the cytokine TGF- β 2 and suppresses TH2 differentiation. Nature Immunology, 2012, 13, 778-786.	14.5	157
5	How transcription factors drive choice of the T cell fate. Nature Reviews Immunology, 2021, 21, 162-176.	22.7	142
6	Crucial Role of MLL for the Maintenance of Memory T Helper Type 2 Cell Responses. Immunity, 2006, 24, 611-622.	14.3	134
7	Essential Role of GATA3 for the Maintenance of Type 2 Helper T (Th2) Cytokine Production and Chromatin Remodeling at the Th2 Cytokine Gene Loci. Journal of Biological Chemistry, 2004, 279, 26983-26990.	3.4	133
8	A homozygous mucosa-associated lymphoid tissue 1 (MALT1) mutation in a family with combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2013, 132, 151-158.	2.9	124
9	Type II membrane protein CD69 regulates the formation of resting T-helper memory. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7409-7414.	7.1	121
10	Eomesodermin Controls Interleukin-5 Production in Memory T Helper 2 Cells through Inhibition of Activity of the Transcription Factor GATA3. Immunity, 2011, 35, 733-745.	14.3	103
11	Bmi1 regulates memory CD4 T cell survival via repression of the <i>Noxa</i> gene. Journal of Experimental Medicine, 2008, 205, 1109-1120.	8.5	102
12	STAT6-mediated displacement of polycomb by trithorax complex establishes long-term maintenance of GATA3 expression in T helper type 2 cells. Journal of Experimental Medicine, 2010, 207, 2493-2506.	8.5	87
13	Bcl11b sets pro-T cell fate by site-specific cofactor recruitment and by repressing Id2 and Zbtb16. Nature Immunology, 2018, 19, 1427-1440.	14.5	83
14	Transcription Factor PU.1 Represses and Activates Gene Expression in Early T Cells by Redirecting Partner Transcription Factor Binding. Immunity, 2018, 48, 1119-1134.e7.	14.3	83
15	CD8 T Cell-Specific Downregulation of Histone Hyperacetylation and Gene Activation of the IL-4 Gene Locus by ROG, Repressor of GATA. Immunity, 2003, 19, 281-294.	14.3	79
16	Functionally distinct Gata3/Chd4 complexes coordinately establish T helper 2 (Th2) cell identity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4691-4696.	7.1	78
17	Bcl11b and combinatorial resolution of cell fate in the T-cell gene regulatory network. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5800-5807.	7.1	75
18	CD69 Controls the Pathogenesis of Allergic Airway Inflammation. Journal of Immunology, 2009, 183, 8203-8215.	0.8	68

#	ARTICLE	IF	CITATIONS
19	Nanoparticulation of BCG-CWS for application to bladder cancer therapy. <i>Journal of Controlled Release</i> , 2014, 176, 44-53.	9.9	66
20	Cytokines, Transcription Factors, and the Initiation of T-Cell Development. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a028621.	5.5	64
21	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
22	CD69 ^Δ null mice protected from arthritis induced with anti α -type II collagen antibodies. <i>International Immunology</i> , 2003, 15, 987-992.	4.0	59
23	Mechanisms of Action of Hematopoietic Transcription Factor PU.1 in Initiation of T-Cell Development. <i>Frontiers in Immunology</i> , 2019, 10, 228.	4.8	58
24	Regulation of T helper type 2 cell differentiation by murine Schnurri-2. <i>Journal of Experimental Medicine</i> , 2005, 201, 397-408.	8.5	56
25	Pioneering, chromatin remodeling, and epigenetic constraint in early T-cell gene regulation by SPI1 (PU.1). <i>Genome Research</i> , 2018, 28, 1508-1519.	5.5	56
26	Genome-Wide Analysis Reveals Unique Regulation of Transcription of Th2-Specific Genes by GATA3. <i>Journal of Immunology</i> , 2011, 186, 6378-6389.	0.8	53
27	Regulation of Th2 Cell Development by Polycomb Group Gene <i>bmi-1</i> through the Stabilization of GATA3. <i>Journal of Immunology</i> , 2006, 177, 7656-7664.	0.8	52
28	Gfi1-mediated Stabilization of GATA3 Protein Is Required for Th2 Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2008, 283, 28216-28225.	3.4	47
29	Cell type-specific actions of Bcl11b in early T-lineage and group 2 innate lymphoid cells. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	45
30	STAT6-Dependent Differentiation and Production of IL-5 and IL-13 in Murine NK2 Cells. <i>Journal of Immunology</i> , 2004, 173, 4967-4975.	0.8	39
31	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
32	Histone acetylation mediated by Brd1 is crucial for Cd8 gene activation during early thymocyte development. <i>Nature Communications</i> , 2014, 5, 5872.	12.8	33
33	Runx1 and Runx3 drive progenitor to T-lineage transcriptome conversion in mouse T cell commitment via dynamic genomic site switching. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
34	Chromatin remodeling at the Th2 cytokine gene loci in human type 2 helper T cells. <i>Molecular Immunology</i> , 2007, 44, 2249-2256.	2.2	31
35	Akt1-mediated Gata3 phosphorylation controls the repression of IFN γ in memory-type Th2 cells. <i>Nature Communications</i> , 2016, 7, 11289.	12.8	31
36	DNA vaccine using invariant chain gene for delivery of CD4+ T cell epitope peptide derived from Japanese cedar pollen allergen inhibits allergen-specific IgE response. <i>European Journal of Immunology</i> , 2002, 32, 1631.	2.9	28

#	ARTICLE	IF	CITATIONS
37	Methylation of Gata3 Protein at Arg-261 Regulates Transactivation of the Il5 Gene in T Helper 2 Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 13095-13103.	3.4	28
38	Lymphoid enhancer factor interacts with GATA β and controls its function in T helper type 2 cells. <i>Immunology</i> , 2008, 125, 377-386.	4.4	27
39	cAMP activation by PACAP/VIP stimulates IL β release and inhibits osteoblastic differentiation through VPAC2 receptor in osteoblastic MC3T3 cells. <i>Journal of Cellular Physiology</i> , 2009, 221, 75-83.	4.1	26
40	Notch2 complements Notch1 to mediate inductive signaling that initiates early T cell development. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	24
41	Critical YxKxHxxxRP Motif in the C-Terminal Region of GATA3 for Its DNA Binding and Function. <i>Journal of Immunology</i> , 2006, 177, 5801-5810.	0.8	23
42	Impaired GATA3-Dependent Chromatin Remodeling and Th2 Cell Differentiation Leading to Attenuated Allergic Airway Inflammation in Aging Mice. <i>Journal of Immunology</i> , 2006, 176, 2546-2554.	0.8	23
43	<i>Polycomb</i> Group Gene Product Ring1B Regulates Th2-Driven Airway Inflammation through the Inhibition of Bim-Mediated Apoptosis of Effector Th2 Cells in the Lung. <i>Journal of Immunology</i> , 2010, 184, 4510-4520.	0.8	22
44	Bmi1 facilitates primitive endoderm formation by stabilizing Gata6 during early mouse development. <i>Genes and Development</i> , 2012, 26, 1445-1458.	5.9	21
45	Genome-Wide Gene Expression Profiling Revealed a Critical Role for GATA3 in the Maintenance of the Th2 Cell Identity. <i>PLoS ONE</i> , 2013, 8, e66468.	2.5	21
46	Human Th1 differentiation induced by lipoarabinomannan/lipomannan from <i>Mycobacterium bovis</i> BCG Tokyo-172. <i>International Immunology</i> , 2008, 20, 849-860.	4.0	19
47	Sublingual administration of <i>Lactobacillus paracasei</i> KW3110 inhibits Th2-dependent allergic responses via upregulation of PD-L2 on dendritic cells. <i>Clinical Immunology</i> , 2012, 143, 170-179.	3.2	16
48	NF-AT-Mediated Expression of TGF- β 1 in Tolerant T Cells. <i>Journal of Immunology</i> , 2007, 178, 3067-3075.	0.8	13
49	Stage-specific action of Runx1 and GATA3 controls silencing of PU.1 expression in mouse pro α T cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	11
50	Enhanced Th2 Cell Differentiation and Allergen-Induced Airway Inflammation in <i>Zfp35</i> -Deficient Mice. <i>Journal of Immunology</i> , 2009, 183, 5388-5396.	0.8	9
51	Establishment of a new three-dimensional human epidermal model reconstructed from plucked hair follicle-derived keratinocytes. <i>Experimental Dermatology</i> , 2016, 25, 903-906.	2.9	9
52	<i>Murine Schnurri-2</i> controls natural killer cell function and lymphoma development. <i>Leukemia and Lymphoma</i> , 2012, 53, 479-486.	1.3	6
53	Transcription factors regulate early T cell development via redeployment of other factors. <i>BioEssays</i> , 2021, 43, 2000345.	2.5	5
54	LMO2 is essential to maintain the ability of progenitors to differentiate into T-cell lineage in mice. <i>ELife</i> , 2021, 10, .	6.0	5

#	ARTICLE	IF	CITATIONS
55	Notch signaling supports the appearance of follicular helper T cells in the Peyer's patches concomitantly with the reduction of regulatory T cells. <i>International Immunology</i> , 2021, 33, 469-478.	4.0	4
56	AMBRA1 controls antigen-driven activation and proliferation of naive T cells. <i>International Immunology</i> , 2021, 33, 107-118.	4.0	3
57	Dll1 Can Function as a Ligand of Notch1 and Notch2 in the Thymic Epithelium. <i>Frontiers in Immunology</i> , 2022, 13, 852427.	4.8	3
58	S3e1-3 Epigenetic regulation of memory Th2 cell generation(S3-e1: "Dynamic Features in Immune) Tj ETQq0 0 0 rgBT ₁ /Overlock 10 Tf 50	0.1	0
59	Role of leukotriene B4 12-hydroxydehydrogenase in β -galactosylceramide-pulsed dendritic cell therapy for non-small cell lung cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 27-32.	2.1	0
60	Regulation of genomic activity in T-lymphocyte development by dynamic transcription factor ensembles. <i>Experimental Hematology</i> , 2018, 64, S30-S31.	0.4	0
61	Bmi1 regulates memory CD4 T cell survival via repression of theNoxagene. <i>Journal of Cell Biology</i> , 2008, 181, i5-i5.	5.2	0
62	STAT6-mediated displacement of polycomb by trithorax complex establishes long-term maintenance ofGATA3expression in T helper type 2 cells. <i>Journal of Cell Biology</i> , 2010, 191, i8-i8.	5.2	0
63	Histone Acetylation Mediated by Brd1 Is Crucial for Cd8 Gene Activation during Early Thymocyte Development. <i>Blood</i> , 2014, 124, 1576-1576.	1.4	0