Motoko Y Kimura

List of Publications by Year
in descending order

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57 papers	4,905 citations	159585 30 h-index	149698 56 g-index
65 all docs	65 docs citations	65 times ranked	6992 citing authors

#	Article	IF	Citations
1	Signaling by intrathymic cytokines, not T cell antigen receptors, specifies CD8 lineage choice and promotes the differentiation of cytotoxic-lineage T cells. Nature Immunology, 2010, 11, 257-264.	14.5	1,811
2	Foxp3 Transcription Factor Is Proapoptotic and Lethal to Developing Regulatory T Cells unless Counterbalanced by Cytokine Survival Signals. Immunity, 2013, 38, 1116-1128.	14.3	196
3	Identification of a Conserved GATA3 Response Element Upstream Proximal from the Interleukin-13 Gene Locus. Journal of Biological Chemistry, 2002, 277, 42399-42408.	3.4	157
4	Inhibition of T Helper Cell Type 2 Cell Differentiation and Immunoglobulin E Response by Ligand-Activated Vî±14 Natural Killer T Cells. Journal of Experimental Medicine, 1999, 190, 783-792.	8.5	153
5	Ras-ERK MAPK Cascade Regulates GATA3 Stability and Th2 Differentiation through Ubiquitin-Proteasome Pathway. Journal of Biological Chemistry, 2005, 280, 29409-29419.	3.4	141
6	Let-7 microRNAs target the lineage-specific transcription factor PLZF to regulate terminal NKT cell differentiation and effector function. Nature Immunology, 2015, 16, 517-524.	14.5	137
7	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.	7.1	136
8	Crucial Role of MLL for the Maintenance of Memory T Helper Type 2 Cell Responses. Immunity, 2006, 24, 611-622.	14.3	134
9	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
10	IL-7 signaling must be intermittent, not continuous, during CD8+ T cell homeostasis to promote cell survival instead of cell death. Nature Immunology, 2013, 14, 143-151.	14.5	117
11	Regulation of Th2 Cell Differentiation by mel-18, a Mammalian Polycomb Group Gene. Immunity, 2001, 15, 275-287.	14.3	107
12	The Generation of Mature, Single-Positive Thymocytes In Vivo Is Dysregulated by CD69 Blockade or Overexpression. Journal of Immunology, 2002, 168, 87-94.	0.8	101
13	Lck Availability during Thymic Selection Determines the Recognition Specificity of the T Cell Repertoire. Cell, 2013, 154, 1326-1341.	28.9	99
14	T Cell Receptorâ€“Induced Calcineurin Activation Regulates T Helper Type 2 Cell Development by Modifying the Interleukin 4 Receptor Signaling Complex. Journal of Experimental Medicine, 2000, 191, 1869-1880.	8.5	97
15	src homology 2 domainâ€“containing tyrosine phosphatase SHP-1 controls the development of allergic airway inflammation. Journal of Clinical Investigation, 2003, 111, 109-119.	8.2	90
16	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
17	Progression of T cell lineage restriction in the earliest subpopulation of murine adult thymus visualized by the expression of lck proximal promoter activity. International Immunology, 2001, 13, 105-117.	4.0	78
18	Crucial role of CD69 in anti-tumor immunity through regulating the exhaustion of tumor-infiltrating T cells. International Immunology, 2018, 30, 559-567.	4.0	73

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19	Crucial role for <scp>CD</scp>69 in allergic inflammatory responses: <scp>CD</scp>69â€Myl9 system in the pathogenesis of airway inflammation. Immunological Reviews, 2017, 278, 87-100.	6.0	66
20	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. Science Immunology, 2016, 1, eaaf9154.	11.9	61
21	CD69â€null mice protected from arthritis induced with antiâ€type II collagen antibodies. International Immunology, 2003, 15, 987-992.	4.0	59
22	The transcription factor ThPOK suppresses Runx3 and imposes CD4+ lineage fate by inducing the SOCS suppressors of cytokine signaling. Nature Immunology, 2014, 15, 638-645.	14.5	58
23	Regulation of T helper type 2 cell differentiation by murine Schnurri-2. Journal of Experimental Medicine, 2005, 201, 397-408.	8.5	56
24	Interleukin (IL)-4-independent Maintenance of Histone Modification of the IL-4 Gene Loci in Memory Th2 Cells. Journal of Biological Chemistry, 2004, 279, 39454-39464.	3.4	55
25	Regulation of Th2 Cell Development by Polycomb Group Gene bmi-1 through the Stabilization of GATA3. Journal of Immunology, 2006, 177, 7656-7664.	0.8	52
26	T Cell Hyporesponsiveness Induced by Oral Administration of Ovalbumin Is Associated with Impaired NFAT Nuclear Translocation and p27kip1Degradation. Journal of Immunology, 2002, 169, 4723-4731.	0.8	39
27	STAT6-Dependent Differentiation and Production of IL-5 and IL-13 in Murine NK2 Cells. Journal of Immunology, 2004, 173, 4967-4975.	0.8	39
28	CD28 Costimulation Controls Histone Hyperacetylation of the Interleukin 5 Gene Locus in Developing Th2 Cells. Journal of Biological Chemistry, 2004, 279, 23123-23133.	3.4	38
29	TH1-biased immunity induced by exposure to Antarctic winter. Journal of Allergy and Clinical Immunology, 2003, 111, 1353-1360.	2.9	36
30	Differentiation of Pathogenic Th17 Cells Is Negatively Regulated by Let-7 MicroRNAs in a Mouse Model of Multiple Sclerosis. Frontiers in Immunology, 2019, 10, 3125.	4.8	34
31	Ras Activation in T Cells Determines the Development of Antigen-Induced Airway Hyperresponsiveness and Eosinophilic Inflammation. Journal of Immunology, 2002, 169, 2134-2140.	0.8	33
32	Chromatin remodeling at the Th2 cytokine gene loci in human type 2 helper T cells. Molecular Immunology, 2007, 44, 2249-2256.	2.2	31
33	A new therapeutic target: the CD69-Myl9 system in immune responses. Seminars in Immunopathology, 2019, 41, 349-358.	6.1	31
34	Methylation of Gata3 Protein at Arg-261 Regulates Transactivation of the Il5 Gene in T Helper 2 Cells. Journal of Biological Chemistry, 2015, 290, 13095-13103.	3.4	28
35	Differentiation of NK1 and NK2 Cells. Critical Reviews in Immunology, 2005, 25, 361-374.	0.5	26
36	Impaired Ca/calcineurin pathway in in vivo anergized CD4 T cells. International Immunology, 2000, 12, 817-824.	4.0	25

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37	Mesenchymal expression of Foxl1, a winged helix transcriptional factor, regulates generation and maintenance of gut-associated lymphoid organs. Developmental Biology, 2003, 255, 278-289.	2.0	24
38	Hyperresponsive TH2 cells with enhanced nuclear factor-Î²B activation induce atopic dermatitisâ€“like skin lesions in Nishiki-nezumi Cinnamon/Nagoya mice. Journal of Allergy and Clinical Immunology, 2006, 118, 725-733.	2.9	24
39	Coreceptor gene imprinting governs thymocyte lineage fate. EMBO Journal, 2012, 31, 366-377.	7.8	24
40	Impaired GATA3-Dependent Chromatin Remodeling and Th2 Cell Differentiation Leading to Attenuated Allergic Airway Inflammation in Aging Mice. Journal of Immunology, 2006, 176, 2546-2554.	0.8	23
41	Schnurri-2 Controls Memory Th1 and Th2 Cell Numbers In Vivo. Journal of Immunology, 2007, 178, 4926-4936.	0.8	22
42	Polycomb Group Gene Product Ring1B Regulates Th2-Driven Airway Inflammation through the Inhibition of Bim-Mediated Apoptosis of Effector Th2 Cells in the Lung. Journal of Immunology, 2010, 184, 4510-4520.	0.8	22
43	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
44	Timing and duration of MHC I positive selection signals are adjusted in the thymus to prevent lineage errors. Nature Immunology, 2016, 17, 1415-1423.	14.5	19
45	Survival of NaÃ¯ve T Cells Requires the Expression of Let-7 miRNAs. Frontiers in Immunology, 2019, 10, 955.	4.8	19
46	Schnurri-2 regulates Th2-dependent airway inflammation and airway hyperresponsiveness. International Immunology, 2007, 19, 755-762.	4.0	16
47	Memory Th1/Th2 Cell Generation Controlled by Schnurri-2. Advances in Experimental Medicine and Biology, 2010, 684, 1-10.	1.6	16
48	The cellular and molecular basis of CD69 function in anti-tumor immunity. International Immunology, 2022, 34, 555-561.	4.0	11
49	CD69 prevents PLZFhi innate precursors from prematurely exiting the thymus and aborting NKT2 cell differentiation. Nature Communications, 2018, 9, 3749.	12.8	10
50	Myosin Light Chain 9/12 Regulates the Pathogenesis of Inflammatory Bowel Disease. Frontiers in Immunology, 2020, 11, 594297.	4.8	10
51	Activated invariant natural killer T cells directly recognize leukemia cells in a CD1dâ€independent manner. Cancer Science, 2020, 111, 2223-2233.	3.9	10
52	Th1/Th2 cell differentiation of developing CD4 single-positive thymocytes. International Immunology, 2002, 14, 943-951.	4.0	9
53	Prolonged skin allograft survival by IL-10 gene-introduced CD4 T cell administration. International Immunology, 2005, 17, 759-768.	4.0	8
54	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. Frontiers in Immunology, 2020, 11, 1536.	4.8	5

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55	CD4+ T cells in inflammatory diseases: pathogenic T-helper cells and the CD69â€“Myl9 system. International Immunology, 2021, 33, 699-704.	4.0	5
56	IFNÎ³ suppresses the expression of GFI1 and thereby inhibits Th2 cell proliferation. PLoS ONE, 2021, 16, e0260204.	2.5	1
57	Clinical and Histological Effects of Partial Blood Flow Impairment in Vascularized Lymph Node Transfer. Journal of Clinical Medicine, 2022, 11, 4052.	2.4	0