

# Motoko Y Kimura

## List of Publications by Year in descending order

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57  
papers

4,905  
citations

159358

30  
h-index

149479

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. <i>Nature Immunology</i> , 2010, 11, 257-264.	7.0	1,811
2	Foxp3 Transcription Factor Is Proapoptotic and Lethal to Developing Regulatory T Cells unless Counterbalanced by Cytokine Survival Signals. <i>Immunity</i> , 2013, 38, 1116-1128.	6.6	196
3	Identification of a Conserved GATA3 Response Element Upstream Proximal from the Interleukin-13 Gene Locus. <i>Journal of Biological Chemistry</i> , 2002, 277, 42399-42408.	1.6	157
4	Inhibition of T Helper Cell Type 2 Cell Differentiation and Immunoglobulin E Response by Ligand-Activated V $\beta$ 14 Natural Killer T Cells. <i>Journal of Experimental Medicine</i> , 1999, 190, 783-792.	4.2	153
5	Ras-ERK MAPK Cascade Regulates GATA3 Stability and Th2 Differentiation through Ubiquitin-Proteasome Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 29409-29419.	1.6	141
6	Let-7 microRNAs target the lineage-specific transcription factor PLZF to regulate terminal NKT cell differentiation and effector function. <i>Nature Immunology</i> , 2015, 16, 517-524.	7.0	137
7	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.	3.3	136
8	Crucial Role of MLL for the Maintenance of Memory T Helper Type 2 Cell Responses. <i>Immunity</i> , 2006, 24, 611-622.	6.6	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. <i>Journal of Biological Chemistry</i> , 2004, 279, 26983-26990.	1.6	133
10	IL-7 signaling must be intermittent, not continuous, during CD8+ T cell homeostasis to promote cell survival instead of cell death. <i>Nature Immunology</i> , 2013, 14, 143-151.	7.0	117
11	Regulation of Th2 Cell Differentiation by mel-18, a Mammalian Polycomb Group Gene. <i>Immunity</i> , 2001, 15, 275-287.	6.6	107
12	The Generation of Mature, Single-Positive Thymocytes In Vivo Is Dysregulated by CD69 Blockade or Overexpression. <i>Journal of Immunology</i> , 2002, 168, 87-94.	0.4	101
13	Lck Availability during Thymic Selection Determines the Recognition Specificity of the T Cell Repertoire. <i>Cell</i> , 2013, 154, 1326-1341.	13.5	99
14	T Cell Receptor-Induced Calcineurin Activation Regulates T Helper Type 2 Cell Development by Modifying the Interleukin 4 Receptor Signaling Complex. <i>Journal of Experimental Medicine</i> , 2000, 191, 1869-1880.	4.2	97
15	src homology 2 domain-containing tyrosine phosphatase SHP-1 controls the development of allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2003, 111, 109-119.	3.9	90
16	CD8 T Cell-Specific Downregulation of Histone Hyperacetylation and Gene Activation of the IL-4 Gene Locus by ROG, Repressor of GATA. <i>Immunity</i> , 2003, 19, 281-294.	6.6	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. <i>International Immunology</i> , 2001, 13, 105-117.	1.8	78
18	Crucial role of CD69 in anti-tumor immunity through regulating the exhaustion of tumor-infiltrating T cells. <i>International Immunology</i> , 2018, 30, 559-567.	1.8	73

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19	Crucial role for CD69 in allergic inflammatory responses: CD69-Myl9 system in the pathogenesis of airway inflammation. <i>Immunological Reviews</i> , 2017, 278, 87-100.	2.8	66
20	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. <i>Science Immunology</i> , 2016, 1, eaaf9154.	5.6	61
21	CD69-null mice protected from arthritis induced with anti-type II collagen antibodies. <i>International Immunology</i> , 2003, 15, 987-992.	1.8	59
22	The transcription factor ThPOK suppresses Runx3 and imposes CD4+ lineage fate by inducing the SOCS suppressors of cytokine signaling. <i>Nature Immunology</i> , 2014, 15, 638-645.	7.0	58
23	Regulation of T helper type 2 cell differentiation by murine Schnurri-2. <i>Journal of Experimental Medicine</i> , 2005, 201, 397-408.	4.2	56
24	Interleukin (IL)-4-independent Maintenance of Histone Modification of the IL-4 Gene Loci in Memory Th2 Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 39454-39464.	1.6	55
25	Regulation of Th2 Cell Development by Polycomb Group Gene bmi-1 through the Stabilization of GATA3. <i>Journal of Immunology</i> , 2006, 177, 7656-7664.	0.4	52
26	T Cell Hyporesponsiveness Induced by Oral Administration of Ovalbumin Is Associated with Impaired NFAT Nuclear Translocation and p27 <sup>kip1</sup> Degradation. <i>Journal of Immunology</i> , 2002, 169, 4723-4731.	0.4	39
27	STAT6-Dependent Differentiation and Production of IL-5 and IL-13 in Murine NK2 Cells. <i>Journal of Immunology</i> , 2004, 173, 4967-4975.	0.4	39
28	CD28 Costimulation Controls Histone Hyperacetylation of the Interleukin 5 Gene Locus in Developing Th2 Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 23123-23133.	1.6	38
29	TH1-biased immunity induced by exposure to Antarctic winter. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 1353-1360.	1.5	36
30	Differentiation of Pathogenic Th17 Cells Is Negatively Regulated by Let-7 MicroRNAs in a Mouse Model of Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2019, 10, 3125.	2.2	34
31	Ras Activation in T Cells Determines the Development of Antigen-Induced Airway Hyperresponsiveness and Eosinophilic Inflammation. <i>Journal of Immunology</i> , 2002, 169, 2134-2140.	0.4	33
32	Chromatin remodeling at the Th2 cytokine gene loci in human type 2 helper T cells. <i>Molecular Immunology</i> , 2007, 44, 2249-2256.	1.0	31
33	A new therapeutic target: the CD69-Myl9 system in immune responses. <i>Seminars in Immunopathology</i> , 2019, 41, 349-358.	2.8	31
34	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.	1.6	28
35	Differentiation of NK1 and NK2 Cells. <i>Critical Reviews in Immunology</i> , 2005, 25, 361-374.	1.0	26
36	Impaired Ca/calceurinin pathway in in vivo anergized CD4 T cells. <i>International Immunology</i> , 2000, 12, 817-824.	1.8	25

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37	Mesenchymal expression of Foxl1, a winged helix transcriptional factor, regulates generation and maintenance of gut-associated lymphoid organs. <i>Developmental Biology</i> , 2003, 255, 278-289.	0.9	24
38	Hyperresponsive TH2 cells with enhanced nuclear factor- $\kappa$ B activation induce atopic dermatitis-like skin lesions in Nishiki-nezumi Cinnamon/Nagoya mice. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 725-733.	1.5	24
39	Coreceptor gene imprinting governs thymocyte lineage fate. <i>EMBO Journal</i> , 2012, 31, 366-377.	3.5	24
40	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.	0.4	23
41	Schnurri-2 Controls Memory Th1 and Th2 Cell Numbers In Vivo. <i>Journal of Immunology</i> , 2007, 178, 4926-4936.	0.4	22
42	<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.	0.4	22
43	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.	1.5	21
44	Timing and duration of MHC I positive selection signals are adjusted in the thymus to prevent lineage errors. <i>Nature Immunology</i> , 2016, 17, 1415-1423.	7.0	19
45	Survival of Naïve T Cells Requires the Expression of Let-7 miRNAs. <i>Frontiers in Immunology</i> , 2019, 10, 955.	2.2	19
46	Schnurri-2 regulates Th2-dependent airway inflammation and airway hyperresponsiveness. <i>International Immunology</i> , 2007, 19, 755-762.	1.8	16
47	Memory Th1/Th2 Cell Generation Controlled by Schnurri-2. <i>Advances in Experimental Medicine and Biology</i> , 2010, 684, 1-10.	0.8	16
48	The cellular and molecular basis of CD69 function in anti-tumor immunity. <i>International Immunology</i> , 2022, 34, 555-561.	1.8	11
49	CD69 prevents PLZFhi innate precursors from prematurely exiting the thymus and aborting NKT2 cell differentiation. <i>Nature Communications</i> , 2018, 9, 3749.	5.8	10
50	Myosin Light Chain 9/12 Regulates the Pathogenesis of Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2020, 11, 594297.	2.2	10
51	Activated invariant natural killer T cells directly recognize leukemia cells in a CD1d-independent manner. <i>Cancer Science</i> , 2020, 111, 2223-2233.	1.7	10
52	Th1/Th2 cell differentiation of developing CD4 single-positive thymocytes. <i>International Immunology</i> , 2002, 14, 943-951.	1.8	9
53	Prolonged skin allograft survival by IL-10 gene-introduced CD4 T cell administration. <i>International Immunology</i> , 2005, 17, 759-768.	1.8	8
54	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. <i>Frontiers in Immunology</i> , 2020, 11, 1536.	2.2	5

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55	CD4+ T cells in inflammatory diseases: pathogenic T-helper cells and the CD69-MyD88 system. <i>International Immunology</i> , 2021, 33, 699-704.	1.8	5
56	IFN $\gamma$ suppresses the expression of GF11 and thereby inhibits Th2 cell proliferation. <i>PLoS ONE</i> , 2021, 16, e0260204.	1.1	1
57	Clinical and Histological Effects of Partial Blood Flow Impairment in Vascularized Lymph Node Transfer. <i>Journal of Clinical Medicine</i> , 2022, 11, 4052.	1.0	0