

Tomohiko Tamura

List of Publications by Year in descending order

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46
papers

5,168
citations

136950

32
h-index

243625

44
g-index

46
all docs

46
docs citations

46
times ranked

6801
citing authors

#	ARTICLE	IF	CITATIONS
1	The IRF Family Transcription Factors in Immunity and Oncogenesis. Annual Review of Immunology, 2008, 26, 535-584.	21.8	1,054
2	An IRF-1-dependent pathway of DNA damage-induced apoptosis in mitogen-activated T lymphocytes. Nature, 1995, 376, 596-599.	27.8	426
3	IFN Regulatory Factor-4 and -8 Govern Dendritic Cell Subset Development and Their Functional Diversity. Journal of Immunology, 2005, 174, 2573-2581.	0.8	390
4	ICSBP Directs Bipotential Myeloid Progenitor Cells to Differentiate into Mature Macrophages. Immunity, 2000, 13, 155-165.	14.3	272
5	Interferon regulatory factor-8 regulates bone metabolism by suppressing osteoclastogenesis. Nature Medicine, 2009, 15, 1066-1071.	30.7	270
6	IRF8 Is a Critical Transcription Factor for Transforming Microglia into a Reactive Phenotype. Cell Reports, 2012, 1, 334-340.	6.4	249
7	Cutting Edge: IFN Consensus Sequence Binding Protein/IFN Regulatory Factor 8 Drives the Development of Type I IFN-Producing Plasmacytoid Dendritic Cells. Journal of Immunology, 2003, 170, 1131-1135.	0.8	206
8	Essential role of the IRF8-KLF4 transcription factor cascade in murine monocyte differentiation. Blood, 2013, 121, 1839-1849.	1.4	197
9	Review: ICSBP/IRF-8: Its Regulatory Roles in the Development of Myeloid Cells. Journal of Interferon and Cytokine Research, 2002, 22, 145-152.	1.2	178
10	The BXH2 mutation in IRF8 differentially impairs dendritic cell subset development in the mouse. Blood, 2008, 111, 1942-1945.	1.4	153
11	Identification of target genes and a unique cis element regulated by IRF-8 in developing macrophages. Blood, 2005, 106, 1938-1947.	1.4	123
12	IRF8 inhibits C/EBP β activity to restrain mononuclear phagocyte progenitors from differentiating into neutrophils. Nature Communications, 2014, 5, 4978.	12.8	122
13	Immune Cell-Specific Amplification of Interferon Signaling by the IRF-4/8-PU.1 Complex. Journal of Interferon and Cytokine Research, 2005, 25, 770-779.	1.2	112
14	Astrocytic phagocytosis is a compensatory mechanism for microglial dysfunction. EMBO Journal, 2020, 39, e104464.	7.8	105
15	ICSBP/IRF-8 retrovirus transduction rescues dendritic cell development in vitro. Blood, 2003, 101, 961-969.	1.4	101
16	Regulation of myelopoiesis by the transcription factor IRF8. International Journal of Hematology, 2015, 101, 342-351.	1.6	99
17	Contribution of IRF5 in B cells to the development of murine SLE-like disease through its transcriptional control of the IgG2a locus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10154-10159.	7.1	91
18	Lyn Kinase Suppresses the Transcriptional Activity of IRF5 in the TLR-MyD88 Pathway to Restrain the Development of Autoimmunity. Immunity, 2016, 45, 319-332.	14.3	81

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19	IFN Consensus Sequence Binding Protein/IFN Regulatory Factor-8 Guides Bone Marrow Progenitor Cells Toward the Macrophage Lineage. <i>Journal of Immunology</i> , 2002, 169, 1261-1269.	0.8	80
20	Shared and Distinct Functions of the Transcription Factors IRF4 and IRF8 in Myeloid Cell Development. <i>PLoS ONE</i> , 2011, 6, e25812.	2.5	78
21	Functions and development of red pulp macrophages. <i>Microbiology and Immunology</i> , 2015, 59, 55-62.	1.4	70
22	ICSBP/IRF-8 inhibits mitogenic activity of p210 Bcr/Abl in differentiating myeloid progenitor cells. <i>Blood</i> , 2003, 102, 4547-4554.	1.4	59
23	Transcription factor IRF8 plays a critical role in the development of murine basophils and mast cells. <i>Blood</i> , 2015, 125, 358-369.	1.4	56
24	Transcriptional control of monocyte and macrophage development. <i>International Immunology</i> , 2017, 29, 97-107.	4.0	55
25	The interferon regulatory factor ICSBP/IRF-8 in combination with PU.1 up-regulates expression of tumor suppressor p15Ink4b in murine myeloid cells. <i>Blood</i> , 2004, 103, 4142-4149.	1.4	51
26	Epigenetic and transcriptional regulation of osteoclast differentiation. <i>Bone</i> , 2020, 138, 115471.	2.9	51
27	Transcription Factor IRF8 Governs Enhancer Landscape Dynamics in Mononuclear Phagocyte Progenitors. <i>Cell Reports</i> , 2018, 22, 2628-2641.	6.4	46
28	Epigenetic control of early dendritic cell lineage specification by the transcription factor IRF8 in mice. <i>Blood</i> , 2019, 133, 1803-1813.	1.4	42
29	Regulation and role of the transcription factor IRF5 in innate immune responses and systemic lupus erythematosus. <i>International Immunology</i> , 2018, 30, 529-536.	4.0	40
30	Regulation of basophil and mast cell development by transcription factors. <i>Allergy International</i> , 2016, 65, 127-134.	3.3	39
31	High infiltration of mast cells positive to tryptase predicts worse outcome following resection of colorectal liver metastases. <i>BMC Cancer</i> , 2015, 15, 840.	2.6	38
32	Epac1 Deficiency Attenuated Vascular Smooth Muscle Cell Migration and Neointimal Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2617-2625.	2.4	38
33	A RUNX1-CBF1 ² -driven enhancer directs the Irf8 dose-dependent lineage choice between DCs and monocytes. <i>Nature Immunology</i> , 2021, 22, 301-311.	14.5	29
34	Transcriptional and Epigenetic Regulation of Innate Immune Cell Development by the Transcription Factor, Interferon Regulatory Factor-8. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 433-441.	1.2	28
35	OGT Regulates Hematopoietic Stem Cell Maintenance via PINK1-Dependent Mitophagy. <i>Cell Reports</i> , 2021, 34, 108579.	6.4	27
36	Downregulated IRF8 in Monocytes and Macrophages of Patients with Systemic Sclerosis May Aggravate the Fibrotic Phenotype. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1954-1963.	0.7	25

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37	Genetic and chemical inhibition of IRF5 suppresses pre-existing mouse lupus-like disease. Nature Communications, 2021, 12, 4379.	12.8	24
38	Chromatin Protein PC4 Orchestrates B Cell Differentiation by Collaborating with IKAROS and IRF4. Cell Reports, 2020, 33, 108517.	6.4	19
39	The Transcription Factor IRF8 Counteracts BCR-ABL to Rescue Dendritic Cell Development in Chronic Myelogenous Leukemia. Cancer Research, 2013, 73, 6642-6653.	0.9	14
40	Down-regulation of Irf8 by Lyz2-cre/loxP accelerates osteoclast differentiation in vitro. Cytotechnology, 2017, 69, 443-450.	1.6	13
41	Deficiency of the kidney tubular angiotensin II type1 receptor-associated protein ATRAP exacerbates streptozotocin-induced diabetic glomerular injury via reducing protective macrophage polarization. Kidney International, 2022, 101, 912-928.	5.2	8
42	Phos-tag Immunoblot Analysis for Detecting IRF5 Phosphorylation. Bio-protocol, 2017, 7, e2295.	0.4	4
43	Deciphering DC development. Nature Immunology, 2019, 20, 1090-1092.	14.5	3
44	Compromised anti-tumor immune features of myeloid cell components in chronic myeloid leukemia patients. Scientific Reports, 2021, 11, 18046.	3.3	2
45	Guest editorial: Transcriptional control in myeloid cell development and related diseases. International Journal of Hematology, 2015, 101, 317-318.	1.6	0
46	Unraveling Heterogeneity of Aged Hematopoietic Stem Cells By Single-Cell RNA Sequence Analysis. Blood, 2021, 138, 4299-4299.	1.4	0