

# Tomoyuki Yamaguchi

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

15,169  
citations

236612

25  
h-index

344852

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

21020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulatory T Cells and Immune Tolerance. <i>Cell</i> , 2008, 133, 775-787.	13.5	4,269
2	CTLA-4 Control over Foxp3 <sup>+</sup> Regulatory T Cell Function. <i>Science</i> , 2008, 322, 271-275.	6.0	2,490
3	Functional Delineation and Differentiation Dynamics of Human CD4 <sup>+</sup> T Cells Expressing the FoxP3 Transcription Factor. <i>Immunity</i> , 2009, 30, 899-911.	6.6	1,955
4	Preferential recruitment of CCR6-expressing Th17 cells to inflamed joints via CCL20 in rheumatoid arthritis and its animal model. <i>Journal of Experimental Medicine</i> , 2007, 204, 2803-2812.	4.2	1,064
5	Regulatory T cells: how do they suppress immune responses?. <i>International Immunology</i> , 2009, 21, 1105-1111.	1.8	735
6	Foxp3 <sup>+</sup> natural regulatory T cells preferentially form aggregates on dendritic cells <i>in vitro</i> and actively inhibit their maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10113-10118.	3.3	600
7	Notch2 Is Preferentially Expressed in Mature B Cells and Indispensable for Marginal Zone B Lineage Development. <i>Immunity</i> , 2003, 18, 675-685.	6.6	499
8	Treatment of advanced tumors with agonistic anti-GITR mAb and its effects on tumor-infiltrating Foxp3 <sup>+</sup> CD25 <sup>+</sup> CD4 <sup>+</sup> regulatory T cells. <i>Journal of Experimental Medicine</i> , 2005, 202, 885-891.	4.2	481
9	T cell self-reactivity forms a cytokine milieu for spontaneous development of IL-17 <sup>+</sup> Th cells that cause autoimmune arthritis. <i>Journal of Experimental Medicine</i> , 2007, 204, 41-47.	4.2	430
10	Notch1 but Not Notch2 Is Essential for Generating Hematopoietic Stem Cells from Endothelial Cells. <i>Immunity</i> , 2003, 18, 699-711.	6.6	416
11	Control of Immune Responses by Antigen-Specific Regulatory T Cells Expressing the Folate Receptor. <i>Immunity</i> , 2007, 27, 145-159.	6.6	309
12	HTLV-1 bZIP Factor Induces T-Cell Lymphoma and Systemic Inflammation In Vivo. <i>PLoS Pathogens</i> , 2011, 7, e1001274.	2.1	267
13	Regulatory T cells in immune surveillance and treatment of cancer. <i>Seminars in Cancer Biology</i> , 2006, 16, 115-123.	4.3	220
14	Two modes of immune suppression by Foxp3 <sup>+</sup> regulatory T cells under inflammatory or non-inflammatory conditions. <i>Seminars in Immunology</i> , 2011, 23, 424-430.	2.7	211
15	Indispensable Role of the Runx1-Cbfl <sup>2</sup> Transcription Complex for In Vivo-Suppressive Function of FoxP3 <sup>+</sup> Regulatory T Cells. <i>Immunity</i> , 2009, 31, 609-620.	6.6	206
16	Cell-autonomous and -non-autonomous roles of CTLA-4 in immune regulation. <i>Trends in Immunology</i> , 2011, 32, 428-433.	2.9	158
17	Dynamics of peripheral tolerance and immune regulation mediated by Treg. <i>European Journal of Immunology</i> , 2009, 39, 2331-2336.	1.6	126
18	Dietary Folic Acid Promotes Survival of Foxp3 <sup>+</sup> Regulatory T Cells in the Colon. <i>Journal of Immunology</i> , 2012, 189, 2869-2878.	0.4	114

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19	Construction of self-recognizing regulatory T cells from conventional T cells by controlling CTLA-4 and IL-2 expression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2116-25.	3.3	91
20	The dichotomous role of IL-2: tolerance versus immunity. Trends in Immunology, 2006, 27, 109-111.	2.9	71
21	Overexpression of Cytotoxic T-Lymphocyte-Associated Antigen-4 Prevents Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1141-1151.	1.1	71
22	Multiple Antitumor Mechanisms Downstream of Prophylactic Regulatory T-Cell Depletion. Cancer Research, 2010, 70, 2665-2674.	0.4	67
23	Non-label immune cell state prediction using Raman spectroscopy. Scientific Reports, 2016, 6, 37562.	1.6	63
24	Identification of novel markers for mouse CD4 <sup>+</sup> T <sup>+</sup> follicular helper cells. European Journal of Immunology, 2013, 43, 3219-3232.	1.6	54
25	UVB Exposure Prevents Atherosclerosis by Regulating Immunoinflammatory Responses. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 66-74.	1.1	26
26	Differential control of allo-antigen-specific regulatory T cells and effector T cells by anti-CD4 and other agents in establishing transplantation tolerance. International Immunology, 2009, 21, 379-391.	1.8	23
27	SH3 domain of Src governs its dynamics at focal adhesions and the cell membrane. FEBS Journal, 2015, 282, 4034-4055.	2.2	15
28	Immunity against seasonal human coronavirus OC43 mitigates fatal deterioration of COVID-19. International Journal of Infectious Diseases, 2021, 109, 261-268.	1.5	14
29	Skin controls immune regulators. Nature Medicine, 2006, 12, 1358-1359.	15.2	6
30	Theoretical modeling reveals that regulatory T cells increase T-cell interaction with antigen-presenting cells for stable immune tolerance. International Immunology, 2019, 31, 743-753.	1.8	6
31	A novel Src recruitment pathway from the cytosol to focal adhesions. FEBS Letters, 2017, 591, 1940-1946.	1.3	4
32	HTLV-1 bZIP factor-mediated dysfunction of regulatory T cells in vivo. Retrovirology, 2011, 8, .	0.9	1
33	Activation probability of a single naïve T cell upon TCR ligation is controlled by T cells interacting with the same antigen-presenting cell. FEBS Letters, 2021, 595, 1512-1524.	1.3	1
34	Robust and Accurate Discrimination of Self/Non-Self Antigen Presentations by Regulatory T Cell Suppression. PLoS ONE, 2016, 11, e0163134.	1.1	1
35	Learning processes in hierarchical pairs regulate entire gene expression in cells. Scientific Reports, 2022, 12, 7549.	1.6	1
36	SH3 Domain of C-Src Regulates its Dynamic Behavior in the Cell Membrane. Biophysical Journal, 2015, 108, 143a.	0.2	0