

# Taku Kambayashi

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

2,313  
citations

257450

24  
h-index

276875

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4709  
citing authors

#	ARTICLE	IF	CITATIONS
1	PEGylation enables subcutaneously administered nanoparticles to induce antigen-specific immune tolerance. <i>Journal of Controlled Release</i> , 2021, 331, 164-175.	9.9	31
2	Autocrine regulation of airway smooth muscle contraction by diacylglycerol kinase. <i>Journal of Cellular Physiology</i> , 2021, , .	4.1	4
3	Diacylglycerol Kinase Inhibition Reduces Airway Contraction by Negative Feedback Regulation of Gq-Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 658-671.	2.9	8
4	Thymic stromal lymphopoietin induces adipose loss through sebum hypersecretion. <i>Science</i> , 2021, 373, .	12.6	36
5	Discovery and validation of a novel subgroup and therapeutic target in idiopathic multicentric Castleman disease. <i>Blood Advances</i> , 2021, 5, 3445-3456.	5.2	22
6	TAM receptors attenuate murine NK cell responses via E3 ubiquitin ligase Cbl-b. <i>European Journal of Immunology</i> , 2020, 50, 48-55.	2.9	20
7	IL-15 and CD155 expression regulate LAT expression in murine DNAM1 <sup>+</sup> NK cells, enhancing their effectors functions. <i>European Journal of Immunology</i> , 2020, 50, 494-504.	2.9	7
8	The role of diacylglycerol kinases in allergic airway disease. <i>Current Opinion in Pharmacology</i> , 2020, 51, 50-58.	3.5	6
9	CD28 Regulates Metabolic Fitness for Long-Lived Plasma Cell Survival. <i>Cell Reports</i> , 2020, 31, 107815.	6.4	32
10	Cellular context of IL-33 expression dictates impact on anti-helminth immunity. <i>Science Immunology</i> , 2020, 5, .	11.9	73
11	Increased mTOR activation in idiopathic multicentric Castleman disease. <i>Blood</i> , 2020, 135, 1673-1684.	1.4	52
12	PRMT5 Is Required for T Cell Survival and Proliferation by Maintaining Cytokine Signaling. <i>Frontiers in Immunology</i> , 2020, 11, 621.	4.8	36
13	Type I IFN response associated with mTOR activation in the TAFRO subtype of idiopathic multicentric Castleman disease. <i>JCI Insight</i> , 2020, 5, .	5.0	35
14	Opposing Functions of Interferon Coordinate Adaptive and Innate Immune Responses to Cancer Immune Checkpoint Blockade. <i>Cell</i> , 2019, 178, 933-948.e14.	28.9	301
15	Diacylglycerol kinase $\uparrow$ promotes allergic airway inflammation and airway hyperresponsiveness through distinct mechanisms. <i>Science Signaling</i> , 2019, 12, .	3.6	20
16	PRMT5 Associates With the FOXP3 Homomer and When Disabled Enhances Targeted p185erbB2/neu Tumor Immunotherapy. <i>Frontiers in Immunology</i> , 2019, 10, 174.	4.8	56
17	A new class of biological materials: Cell membrane-derived hydrogel scaffolds. <i>Biomaterials</i> , 2019, 197, 244-254.	11.4	55
18	Identifying and targeting pathogenic PI3K/AKT/mTOR signaling in IL-6 blockade refractory idiopathic multicentric Castleman disease. <i>Journal of Clinical Investigation</i> , 2019, 129, 4451-4463.	8.2	87

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19	Depletion of Mast Cells and Macrophages Impairs Heterotopic Ossification in an <i>Acvr1R206H</i> Mouse Model of Fibrodysplasia Ossificans Progressiva. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 269-282.	2.8	118
20	Reply to: Macrophages Driving Heterotopic Ossification: Convergence of Genetically-Driven and Trauma-Driven Mechanisms. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 367-368.	2.8	0
21	Strategies to enhance NK cell function for the treatment of tumors and infections. <i>Critical Reviews in Immunology</i> , 2018, 38, 105-130.	0.5	25
22	Distinct macrophage populations direct inflammatory versus physiological changes in adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5096-E5105.	7.1	280
23	Skin-derived TSLP systemically expands regulatory T cells. <i>Journal of Autoimmunity</i> , 2017, 79, 39-52.	6.5	26
24	Cutting Edge: Murine NK Cells Degranulate and Retain Cytotoxic Function without Store-Operated Calcium Entry. <i>Journal of Immunology</i> , 2017, 199, 1973-1978.	0.8	10
25	Group 1 Innate Lymphoid Cell Lineage Identity Is Determined by a cis-Regulatory Element Marked by a Long Non-coding RNA. <i>Immunity</i> , 2017, 47, 435-449.e8.	14.3	57
26	The Immunomodulatory Functions of Diacylglycerol Kinase $\hat{1}\eta$ . <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 96.	3.7	30
27	Cytokines Induce Faster Membrane Diffusion of MHC Class I and the Ly49A Receptor in a Subpopulation of Natural Killer Cells. <i>Frontiers in Immunology</i> , 2016, 7, 16.	4.8	7
28	Activating Receptor Signals Drive Receptor Diversity in Developing Natural Killer Cells. <i>PLoS Biology</i> , 2016, 14, e1002526.	5.6	11
29	Diacylglycerol Kinase $\hat{1}\eta$ Is a Target To Enhance NK Cell Function. <i>Journal of Immunology</i> , 2016, 197, 934-941.	0.8	39
30	High Graft CD8 Cell Dose Predicts Improved Survival and Enables Better Donor Selection in Allogeneic Stem-Cell Transplantation With Reduced-Intensity Conditioning. <i>Journal of Clinical Oncology</i> , 2015, 33, 2392-2398.	1.6	52
31	Regulatory T Cells Require TCR Signaling for Their Suppressive Function. <i>Journal of Immunology</i> , 2015, 194, 4362-4370.	0.8	53
32	TCR signaling intensity controls CD8+ T cell responsiveness to TGF- $\hat{1}2$ . <i>Journal of Leukocyte Biology</i> , 2015, 98, 703-712.	3.3	23
33	Inhibition of Calcineurin Abrogates While Inhibition of mTOR Promotes Regulatory T Cell Expansion and Graft-Versus-Host Disease Protection by IL-2 in Allogeneic Bone Marrow Transplantation. <i>PLoS ONE</i> , 2014, 9, e92888.	2.5	31
34	A Truncated Human NKG2D Splice Isoform Negatively Regulates NKG2D-Mediated Function. <i>Journal of Immunology</i> , 2014, 193, 2764-2771.	0.8	19
35	Atypical MHC class II-expressing antigen-presenting cells: can anything replace a dendritic cell?. <i>Nature Reviews Immunology</i> , 2014, 14, 719-730.	22.7	415
36	Measuring Cytotoxicity by Bioluminescence Imaging Outperforms the Standard Chromium-51 Release Assay. <i>PLoS ONE</i> , 2014, 9, e89357.	2.5	96

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37	The $\hat{\eta}$ Isoform of Diacylglycerol Kinase Plays a Predominant Role in Regulatory T Cell Development and TCR-Mediated Ras Signaling. <i>Science Signaling</i> , 2013, 6, ra102.	3.6	57
38	Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell function. <i>Blood</i> , 2013, 121, 3135-3146.	1.4	32
39	Diacylglycerol Kinase $\hat{\eta}$ Limits the Generation of Natural Regulatory T Cells. <i>Science Signaling</i> , 2013, 6, ra101.	3.6	36
40	Transient NKG2D Blockade Attenuates Graft-Versus-Host Disease While Preserving Graft-Versus-Leukemia Effects. <i>Blood</i> , 2013, 122, 3242-3242.	1.4	1
41	Differential Targeting of Signaling Pathways to Selectively Expand Mouse Regulatory T Cells While Inhibiting Conventional T Cells.. <i>Blood</i> , 2012, 120, 2158-2158.	1.4	0
42	MHC Class II and T Cell Receptor Signals Are Dispensable for IL-2-Induced Regulatory T Cell Proliferation In Vivo. <i>Blood</i> , 2011, 118, 2181-2181.	1.4	0
43	Cell Autonomous Role of TGF $\hat{\eta}$ <sup>2</sup> and IL-2 Receptor in the In Vivo Generation of CD4 and CD8 Inducible Regulatory T Cells During Graft-Versus-Host Disease,. <i>Blood</i> , 2011, 118, 4015-4015.	1.4	12