Taku Kambayashi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5627537/publications.pdf

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	Atypical MHC class II-expressing antigen-presenting cells: can anything replace a dendritic cell?. Nature Reviews Immunology, 2014, 14, 719-730.	22.7	415
2	Opposing Functions of Interferon Coordinate Adaptive and Innate Immune Responses to Cancer Immune Checkpoint Blockade. Cell, 2019, 178, 933-948.e14.	28.9	301
3	Distinct macrophage populations direct inflammatory versus physiological changes in adipose tissue. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5096-E5105.	7.1	280
4	Depletion of Mast Cells and Macrophages Impairs Heterotopic Ossification in an Acvr1R206H Mouse Model of Fibrodysplasia Ossificans Progressiva. Journal of Bone and Mineral Research, 2018, 33, 269-282.	2.8	118
5	Measuring Cytotoxicity by Bioluminescence Imaging Outperforms the Standard Chromium-51 Release Assay. PLoS ONE, 2014, 9, e89357.	2.5	96
6	Identifying and targeting pathogenic PI3K/AKT/mTOR signaling in IL-6 blockadeâ€“refractory idiopathic multicentric Castleman disease. Journal of Clinical Investigation, 2019, 129, 4451-4463.	8.2	87
7	Cellular context of IL-33 expression dictates impact on anti-helminth immunity. Science Immunology, 2020, 5, .	11.9	73
8	The Î¶ Isoform of Diacylglycerol Kinase Plays a Predominant Role in Regulatory T Cell Development and TCR-Mediated Ras Signaling. Science Signaling, 2013, 6, ra102.	3.6	57
9	Group 1 Innate Lymphoid Cell Lineage Identity Is Determined by a cis-Regulatory Element Marked by a Long Non-coding RNA. Immunity, 2017, 47, 435-449.e8.	14.3	57
10	PRMT5 Associates With the FOXP3 Homomer and When Disabled Enhances Targeted p185erbB2/neu Tumor Immunotherapy. Frontiers in Immunology, 2019, 10, 174.	4.8	56
11	A new class of biological materials: Cell membrane-derived hydrogel scaffolds. Biomaterials, 2019, 197, 244-254.	11.4	55
12	Regulatory T Cells Require TCR Signaling for Their Suppressive Function. Journal of Immunology, 2015, 194, 4362-4370.	0.8	53
13	High Graft CD8 Cell Dose Predicts Improved Survival and Enables Better Donor Selection in Allogeneic Stem-Cell Transplantation With Reduced-Intensity Conditioning. Journal of Clinical Oncology, 2015, 33, 2392-2398.	1.6	52
14	Increased mTOR activation in idiopathic multicentric Castleman disease. Blood, 2020, 135, 1673-1684.	1.4	52
15	Diacylglycerol Kinase Î¶ Is a Target To Enhance NK Cell Function. Journal of Immunology, 2016, 197, 934-941.	0.8	39
16	Diacylglycerol Kinase Î¶ Limits the Generation of Natural Regulatory T Cells. Science Signaling, 2013, 6, ra101.	3.6	36
17	PRMT5 Is Required for T Cell Survival and Proliferation by Maintaining Cytokine Signaling. Frontiers in Immunology, 2020, 11, 621.	4.8	36
18	Thymic stromal lymphopoietin induces adipose loss through sebum hypersecretion. Science, 2021, 373, .	12.6	36

#	Article	IF	Citations
19	Type I IFN response associated with mTOR activation in the TAFRO subtype of idiopathic multicentric Castleman disease. JCI Insight, 2020, 5, .	5.0	35
20	Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell function. Blood, 2013, 121, 3135-3146.	1.4	32
21	CD28 Regulates Metabolic Fitness for Long-Lived Plasma Cell Survival. Cell Reports, 2020, 31, 107815.	6.4	32
22	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. PLoS ONE, 2014, 9, e92888.	2.5	31
23	PEGylation enables subcutaneously administered nanoparticles to induce antigen-specific immune tolerance. Journal of Controlled Release, 2021, 331, 164-175.	9.9	31
24	The Immunomodulatory Functions of Diacylglycerol Kinase Î¶. Frontiers in Cell and Developmental Biology, 2016, 4, 96.	3.7	30
25	Skin-derived TSLP systemically expands regulatory T cells. Journal of Autoimmunity, 2017, 79, 39-52.	6.5	26
26	Strategies to enhance NK cell function for the treatment of tumors and infections. Critical Reviews in Immunology, 2018, 38, 105-130.	0.5	25
27	TCR signaling intensity controls CD8+ T cell responsiveness to TGF-Î². Journal of Leukocyte Biology, 2015, 98, 703-712.	3.3	23
28	Discovery and validation of a novel subgroup and therapeutic target in idiopathic multicentric Castleman disease. Blood Advances, 2021, 5, 3445-3456.	5.2	22
29	Diacylglycerol kinase Î¶ promotes allergic airway inflammation and airway hyperresponsiveness through distinct mechanisms. Science Signaling, 2019, 12, .	3.6	20
30	TAM receptors attenuate murine NKâ€cell responses via E3 ubiquitin ligase Cblâ€b. European Journal of Immunology, 2020, 50, 48-55.	2.9	20
31	A Truncated Human NKG2D Splice Isoform Negatively Regulates NKG2D-Mediated Function. Journal of Immunology, 2014, 193, 2764-2771.	0.8	19
32	Cell Autonomous Role of TGFÎ² and IL-2 Receptor in the In Vivo Generation of CD4 and CD8 Inducible Regulatory T Cells During Graft-Versus-Host Disease,. Blood, 2011, 118, 4015-4015.	1.4	12
33	Activating Receptor Signals Drive Receptor Diversity in Developing Natural Killer Cells. PLoS Biology, 2016, 14, e1002526.	5.6	11
34	Cutting Edge: Murine NK Cells Degranulate and Retain Cytotoxic Function without Store-Operated Calcium Entry. Journal of Immunology, 2017, 199, 1973-1978.	0.8	10
35	Diacylglycerol Kinase Inhibition Reduces Airway Contraction by Negative Feedback Regulation of Gq-Signaling. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 658-671.	2.9	8
36	Cytokines Induce Faster Membrane Diffusion of MHC Class I and the Ly49A Receptor in a Subpopulation of Natural Killer Cells. Frontiers in Immunology, 2016, 7, 16.	4.8	7

#	Article	IF	Citations
37	ILâ€15 and CD155 expression regulate LAT expression in murine DNAM1⁺ NK cells, enhancing their effectors functions. European Journal of Immunology, 2020, 50, 494-504.	2.9	7
38	The role of diacylglycerol kinases in allergic airway disease. Current Opinion in Pharmacology, 2020, 51, 50-58.	3.5	6
39	Autocrine regulation of airway smooth muscle contraction by diacylglycerol kinase. Journal of Cellular Physiology, 2021, , .	4.1	4
40	Transient NKG2D Blockade Attenuates Graft-Versus-Host Disease While Preserving Graft-Versus-Leukemia Effects. Blood, 2013, 122, 3242-3242.	1.4	1
41	Reply to: Macrophages Driving Heterotopic Ossification: Convergence of Genetically-Driven and Trauma-Driven Mechanisms. Journal of Bone and Mineral Research, 2018, 33, 367-368.	2.8	0
42	MHC Class II and T Cell Receptor Signals Are Dispensable for IL-2-Induced Regulatory T Cell Proliferation In Vivo. Blood, 2011, 118, 2181-2181.	1.4	0
43	Differential Targeting of Signaling Pathways to Selectively Expand Mouse Regulatory T Cells While Inhibiting Conventional T Cells.. Blood, 2012, 120, 2158-2158.	1.4	0