Masahiro Ono

List of Publications by Year
in descending order

53 papers	10,456 citations	249298 26 h-index	206121 51 g-index
60 all docs	60 docs citations	60 times ranked	17313 citing authors

#	Article	IF	Citations
1	CD4 T cell dynamics shape the immune response to combination oncolytic herpes virus and BRAF inhibitor therapy for melanoma. , 2022, 10, e004410.		3
2	The immunomodulatory effects of social isolation in mice are linked to temperature control. Brain, Behavior, and Immunity, 2022, 102, 179-194.	2.0	8
3	T-cell dysregulation in COVID-19. Biochemical and Biophysical Research Communications, 2021, 538, 204-210.	1.0	50
4	Application of dual Nr4a1-GFP Nr4a3-Tocky reporter mice to study TÂcell receptor signaling by flow cytometry. STAR Protocols, 2021, 2, 100284.	0.5	4
5	The pioneer transcription factors Foxa1 and Foxa2 regulate alternative RNA splicing during thymocyte positive selection. Development (Cambridge), 2021, 148, .	1.2	11
6	Restoring control over autoimmunity by inducing Foxp3. Nature Immunology, 2021, 22, 1080-1082.	7.0	0
7	Brief homogeneous TCR signals instruct common iNKT progenitors whose effector diversification is characterized by subsequent cytokine signaling. Immunity, 2021, 54, 2497-2513.e9.	6.6	19
8	NF-Î²B activation in cardiac fibroblasts results in the recruitment of inflammatory Ly6C ^{hi} monocytes in pressure-overloaded hearts. Science Signaling, 2021, 14, eabe4932.	1.6	13
9	Kickstarting Immunity in Cold Tumours: Localised Tumour Therapy Combinations With Immune Checkpoint Blockade. Frontiers in Immunology, 2021, 12, 754436.	2.2	21
10	HTLV-1 infection promotes excessive T cell activation and transformation into adult T cell leukemia/lymphoma. Journal of Clinical Investigation, 2021, 131, .	3.9	25
11	Regulatory T Cells Restrain Interleukin-2- and Blimp-1-Dependent Acquisition of Cytotoxic Function by CD4+ T Cells. Immunity, 2020, 52, 151-166.e6.	6.6	130
12	T-Cell Hyperactivation and Paralysis in Severe COVID-19 Infection Revealed by Single-Cell Analysis. Frontiers in Immunology, 2020, 11, 589380.	2.2	129
13	Nr4a1 and Nr4a3 Reporter Mice Are Differentially Sensitive to T Cell Receptor Signal Strength and Duration. Cell Reports, 2020, 33, 108328.	2.9	50
14	Immuno-moodulin: A new anxiogenic factor produced by Annexin-A1 transgenic autoimmune-prone T cells. Brain, Behavior, and Immunity, 2020, 87, 689-702.	2.0	7
15	Control of regulatory Tâ€cell differentiation and function by Tâ€cell receptor signalling and Foxp3 transcription factor complexes. Immunology, 2020, 160, 24-37.	2.0	100
16	Sonic Hedgehog Is a Determinant of Î³Î´ T-Cell Differentiation in the Thymus. Frontiers in Immunology, 2019, 10, 1629.	2.2	13
17	IFITM proteins drive type 2 T helper cell differentiation and exacerbate allergic airway inflammation. European Journal of Immunology, 2019, 49, 66-78.	1.6	38
18	Sonic Hedgehog signaling limits atopic dermatitis via Gli2-driven immune regulation. Journal of Clinical Investigation, 2019, 129, 3153-3170.	3.9	37

#	Article	IF	Citations
19	A timer for analyzing temporally dynamic changes in transcription during differentiation in vivo. Journal of Cell Biology, 2018, 217, 2931-2950.	2.3	63
20	Elucidating T Cell Activation-Dependent Mechanisms for Bifurcation of Regulatory and Effector T Cell Differentiation by Multidimensional and Single-Cell Analysis. Frontiers in Immunology, 2018, 9, 1444.	2.2	12
21	A temporally dynamic Foxp3 autoregulatory transcriptional circuit controls the effector Treg programme. EMBO Journal, 2018, 37, .	3.5	38
22	Interplay between the skin barrier and immune cells in patients with atopic dermatitis unraveled by means of mathematical modeling. Journal of Allergy and Clinical Immunology, 2017, 139, 1790-1792.	1.5	3
23	FoxP3 partners up. Nature Immunology, 2017, 18, 1181-1183.	7.0	1
24	The impact of environmental enrichment on the murine inflammatory immune response. JCI Insight, 2017, 2, e90723.	2.3	30
25	Impact of Enriched Environment on Murine T Cell Differentiation and Gene Expression Profile. Frontiers in Immunology, 2016, 7, 381.	2.2	16
26	Sonic Hedgehog regulates thymic epithelial cell differentiation. Journal of Autoimmunity, 2016, 68, 86-97.	3.0	32
27	Water resistance profile as a marker of skin barrier damage in atopic dermatitis patients. Journal of Dermatological Science, 2016, 81, 126-128.	1.0	6
28	Regulatory T Cells in Melanoma Revisited by a Computational Clustering of FOXP3+ T Cell Subpopulations. Journal of Immunology, 2016, 196, 2885-2892.	0.4	18
29	Controversies concerning thymusâ€derived regulatory T cells: fundamental issues and a new perspective. Immunology and Cell Biology, 2016, 94, 3-10.	1.0	27
30	A genome wide transcriptional model of the complex response to pre-TCR signalling during thymocyte differentiation. Oncotarget, 2015, 6, 28646-28660.	0.8	20
31	A Zap70â€dependent feedback circuit is essential for efficient selection of CD4 lineage thymocytes. Immunology and Cell Biology, 2015, 93, 406-416.	1.0	4
32	Follicular helper T cell signature in type 1 diabetes. Journal of Clinical Investigation, 2015, 125, 292-303.	3.9	143
33	Visualisation of the T cell differentiation programme by Canonical Correspondence Analysis of transcriptomes. BMC Genomics, 2014, 15, 1028.	1.2	18
34	Identifying a Hyperkeratosis Signature in Autosomal Recessive Congenital Ichthyosis: Mdm2 Inhibition Prevents Hyperkeratosis in a Rat ARCI Model. Journal of Investigative Dermatology, 2014, 134, 858-861.	0.3	9
35	CD8⁺tumor-infiltrating lymphocytes at primary sites as a possible prognostic factor of cutaneous angiosarcoma. International Journal of Cancer, 2014, 134, 2393-2402.	2.3	76
36	Skin Disease Modeling from a Mathematical Perspective. Journal of Investigative Dermatology, 2013, 133, 1472-1478.	0.3	16

#	Article	IF	Citations
37	Tissue-Derived Hedgehog Proteins Modulate Th Differentiation and Disease. Journal of Immunology, 2013, 190, 2641-2649.	0.4	84
38	Risk factor-dependent dynamics of atopic dermatitis: modelling multi-scale regulation of epithelium homeostasis. Interface Focus, 2013, 3, 20120090.	1.5	13
39	Visualising the Cross-Level Relationships between Pathological and Physiological Processes and Gene Expression: Analyses of Haematological Diseases. PLoS ONE, 2013, 8, e53544.	1.1	12
40	Differential effects of inhibition of bone morphogenic protein (BMP) signalling on Tâ€cell activation and differentiation. European Journal of Immunology, 2012, 42, 749-759.	1.6	52
41	Skin Barrier Homeostasis in Atopic Dermatitis: Feedback Regulation of Kallikrein Activity. PLoS ONE, 2011, 6, e19895.	1.1	30
42	HTLV-1 bZIP Factor Induces T-Cell Lymphoma and Systemic Inflammation In Vivo. PLoS Pathogens, 2011, 7, e1001274.	2.1	267
43	Indispensable Role of the Runx1-CbfÎ² Transcription Complex for In Vivo-Suppressive Function of FoxP3+ Regulatory T Cells. Immunity, 2009, 31, 609-620.	6.6	206
44	Functional Delineation and Differentiation Dynamics of Human CD4+ T Cells Expressing the FoxP3 Transcription Factor. Immunity, 2009, 30, 899-911.	6.6	1,955
45	Regulatory T Cells and Immune Tolerance. Cell, 2008, 133, 775-787.	13.5	4,269
46	Foxp3 controls regulatory T-cell function by interacting with AML1/Runx1. Nature, 2007, 446, 685-689.	13.7	594
47	Control of Autoimmune Myocarditis and Multiorgan Inflammation by Glucocorticoid-Induced TNF Receptor Family-Related Proteinhigh, Foxp3-Expressing CD25+ and CD25â^' Regulatory T Cells. Journal of Immunology, 2006, 176, 4748-4756.	0.4	144
48	Foxp3+CD25+CD4+ natural regulatory T cells in dominant self-tolerance and autoimmune disease. Immunological Reviews, 2006, 212, 8-27.	2.8	1,404
49	Renal Metabolism of111In-DTPA-d-Phe1-Octreotide in Vivo. Bioconjugate Chemistry, 1998, 9, 662-670.	1.8	54
50	Assessment of the Radiochemical Design of Antibodies with a Metabolizable Linkage for Target-Selective Radioactivity Delivery. Bioconjugate Chemistry, 1998, 9, 497-506.	1.8	16
51	Conventional and High-Yield Synthesis of DTPA-Conjugated Peptides:Â Application of a Monoreactive DTPA to DTPA-d-Phe1-octreotide Synthesisâ€. Bioconjugate Chemistry, 1997, 8, 442-446.	1.8	37
52	A Novel Radioiodination Reagent for Protein Radiopharmaceuticals with l-Lysine as a Plasma-Stable Metabolizable Linkage To Liberate m-Iodohippuric Acid after Lysosomal Proteolysis. Journal of Medicinal Chemistry, 1997, 40, 2643-2652.	2.9	27
53	Reassessment of Diethylenetriaminepentaacetic Acid (DTPA) as a Chelating Agent for Indium-111 Labeling of Polypeptides Using a Newly Synthesized Monoreactive DTPA Derivative. Journal of Medicinal Chemistry, 1996, 39, 3451-3460.	2.9	86