Masahiro Ono

List of Publications by Year in Descending Order

50 papers	8,304 citations	21 h-index	55 g-index
55 ext. papers	9,559 ext. citations	10.2 avg, IF	5.91 L-index

#	Paper	IF	Citations
50	The immunomodulatory effects of social isolation in mice are linked to temperature control.. *Brain, Behavior, and Immunity*, **2022**, 102, 179-194	16.6	2
49	NF-κB activation in cardiac fibroblasts results in the recruitment of inflammatory Ly6C monocytes in pressure-overloaded hearts. *Science Signaling*, **2021**, 14, eabe4932	8.8	2
48	Application of dual -GFP -Tocky reporter mice to study T cell receptor signaling by flow cytometry. *STAR Protocols*, **2021**, 2, 100284	1.4	3
47	T-cell dysregulation in COVID-19. *Biochemical and Biophysical Research Communications*, **2021**, 538, 204-210	3.1	23
46	Restoring control over autoimmunity by inducing Foxp3. *Nature Immunology*, **2021**, 22, 1080-1082	19.1	
45	Control of regulatory T-cell differentiation and function by T-cell receptor signalling and Foxp3 transcription factor complexes. *Immunology*, **2020**, 160, 24-37	7.8	46
44	A Mixed Analysis of Influencing Factors for Trust in a Risk-Aware Autonomy. *Proceedings of the Human Factors and Ergonomics Society*, **2020**, 64, 102-106	0.4	2
43	Risk-Averse Planning Under Uncertainty **2020**,		2
42	Sonic Hedgehog Is a Determinant of γδ T-Cell Differentiation in the Thymus. *Frontiers in Immunology*, **2019**, 10, 1629	8.4	5
41	Controlled Markov Processes With Safety State Constraints. *IEEE Transactions on Automatic Control*, **2019**, 64, 1003-1018	5.9	4
40	Sonic Hedgehog signaling limits atopic dermatitis via Gli2-driven immune regulation. *Journal of Clinical Investigation*, **2019**, 129, 3153-3170	15.9	16
39	IFITM proteins drive type 2 T helper cell differentiation and exacerbate allergic airway inflammation. *European Journal of Immunology*, **2019**, 49, 66-78	6.1	21
38	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	8.4	5
37	A temporally dynamic autoregulatory transcriptional circuit controls the effector Treg programme. *EMBO Journal*, **2018**, 37,	13	21
36	A timer for analyzing temporally dynamic changes in transcription during differentiation in vivo. *Journal of Cell Biology*, **2018**, 217, 2931-2950	7.3	32
35	FoxP3 partners up. *Nature Immunology*, **2017**, 18, 1181-1183	19.1	1
34	The impact of environmental enrichment on the murine inflammatory immune response. *JCI Insight*, **2017**, 2, e90723	9.9	20

#	Citation	IF	Cites
33	Controversies concerning thymus-derived regulatory T cells: fundamental issues and a new perspective. *Immunology and Cell Biology*, **2016**, 94, 3-10	5	21
32	Sonic Hedgehog regulates thymic epithelial cell differentiation. *Journal of Autoimmunity*, **2016**, 68, 86-97	15.5	23
31	Water resistance profile as a marker of skin barrier damage in atopic dermatitis patients. *Journal of Dermatological Science*, **2016**, 81, 126-8	4.3	5
30	Regulatory T Cells in Melanoma Revisited by a Computational Clustering of FOXP3+ T Cell Subpopulations. *Journal of Immunology*, **2016**, 196, 2885-92	5.3	14
29	Impact of Enriched Environment on Murine T Cell Differentiation and Gene Expression Profile. *Frontiers in Immunology*, **2016**, 7, 381	8.4	13
28	A Zap70-dependent feedback circuit is essential for efficient selection of CD4 lineage thymocytes. *Immunology and Cell Biology*, **2015**, 93, 406-16	5	4
27	**2015**,		6
26	Chance-constrained dynamic programming with application to risk-aware robotic space exploration. *Autonomous Robots*, **2015**, 39, 555-571	3	27
25	A genome wide transcriptional model of the complex response to pre-TCR signalling during thymocyte differentiation. *Oncotarget*, **2015**, 6, 28646-60	3.3	14
24	Follicular helper T cell signature in type 1 diabetes. *Journal of Clinical Investigation*, **2015**, 125, 292-303	15.9	106
23	Visualisation of the T cell differentiation programme by Canonical Correspondence Analysis of transcriptomes. *BMC Genomics*, **2014**, 15, 1028	4.5	9
22	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	4.3	5
21	CD8+ tumor-infiltrating lymphocytes at primary sites as a possible prognostic factor of cutaneous angiosarcoma. *International Journal of Cancer*, **2014**, 134, 2393-402	7.5	64
20	Skin disease modeling from a mathematical perspective. *Journal of Investigative Dermatology*, **2013**, 133, 1472-8	4.3	11
19	Tissue-derived hedgehog proteins modulate Th differentiation and disease. *Journal of Immunology*, **2013**, 190, 2641-9	5.3	60
18	Risk-limiting, market-based power dispatch and pricing **2013**,		3
17	Risk factor-dependent dynamics of atopic dermatitis: modelling multi-scale regulation of epithelium homeostasis. *Interface Focus*, **2013**, 3, 20120090	3.9	12
16	Risk-limiting power grid control with an ARMA-based prediction model **2013**,		5

15	Visualising the cross-level relationships between pathological and physiological processes and gene expression: analyses of haematological diseases. *PLoS ONE*, **2013**, 8, e53544	3.7	8
14	Differential effects of inhibition of bone morphogenic protein (BMP) signalling on T-cell activation and differentiation. *European Journal of Immunology*, **2012**, 42, 749-59	6.1	42
13	Joint chance-constrained model predictive control with probabilistic resolvability **2012**,		13
12	Skin barrier homeostasis in atopic dermatitis: feedback regulation of kallikrein activity. *PLoS ONE*, **2011**, 6, e19895	3.7	22
11	HTLV-1 bZIP factor induces T-cell lymphoma and systemic inflammation in vivo. *PLoS Pathogens*, **2011**, 7, e1001274	7.6	208
10	. *IEEE Transactions on Robotics*, **2010**, 26, 502-517	6.5	169
9	Indispensable role of the Runx1-Cbfbeta transcription complex for in vivo-suppressive function of FoxP3+ regulatory T cells. *Immunity*, **2009**, 31, 609-20	32.3	176
8	Functional delineation and differentiation dynamics of human CD4+ T cells expressing the FoxP3 transcription factor. *Immunity*, **2009**, 30, 899-911	32.3	1576
7	Convex Chance Constrained Predictive Control Without Sampling **2009**,		66
6	Regulatory T cells and immune tolerance. *Cell*, **2008**, 133, 775-87	56.2	3491
5	Foxp3 controls regulatory T-cell function by interacting with AML1/Runx1. *Nature*, **2007**, 446, 685-9	50.4	509
4	Control of autoimmune myocarditis and multiorgan inflammation by glucocorticoid-induced TNF receptor family-related protein(high), Foxp3-expressing CD25+ and CD25- regulatory T cells. *Journal of Immunology*, **2006**, 176, 4748-56	5.3	129
3	Foxp3+ CD25+ CD4+ natural regulatory T cells in dominant self-tolerance and autoimmune disease. *Immunological Reviews*, **2006**, 212, 8-27	11.3	1274
2	T-cell hyperactivation and paralysis in severe COVID-19 infection revealed by single-cell analysis		8
1	Differential Nr4a1 and Nr4a3 expression discriminates tonic from activated TCR signalling events in vivo		4