

# Shohei Hori

## List of Publications by Year in descending order

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74  
papers

25,145  
citations

57758

44  
h-index

79698

73  
g-index

78  
all docs

78  
docs citations

78  
times ranked

27987  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Regulatory T Cell Development by the Transcription Factor <i>Foxp3</i> . <i>Science</i> , 2003, 299, 1057-1061.	12.6	7,292
2	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013, 504, 446-450.	27.8	3,901
3	Induction of Colonic Regulatory T Cells by Indigenous <i>Clostridium</i> Species. <i>Science</i> , 2011, 331, 337-341.	12.6	3,144
4	<i>Foxp3</i> <sup>+</sup> CD25 <sup>+</sup> CD4 <sup>+</sup> natural regulatory T cells in dominant self-tolerance and autoimmune disease. <i>Immunological Reviews</i> , 2006, 212, 8-27.	6.0	1,404
5	Homeostatic maintenance of natural <i>Foxp3</i> <sup>+</sup> CD25 <sup>+</sup> CD4 <sup>+</sup> regulatory T cells by interleukin (IL)-2 and induction of autoimmune disease by IL-2 neutralization. <i>Journal of Experimental Medicine</i> , 2005, 201, 723-735.	8.5	1,072
6	Crucial role of FOXP3 in the development and function of human CD25 <sup>+</sup> CD4 <sup>+</sup> regulatory T cells. <i>International Immunology</i> , 2004, 16, 1643-1656.	4.0	713
7	Preferential Generation of Follicular B Helper T Cells from <i>Foxp3</i> <sup>+</sup> T Cells in Gut Peyer's Patches. <i>Science</i> , 2009, 323, 1488-1492.	12.6	539
8	Regulatory T cells: recommendations to simplify the nomenclature. <i>Nature Immunology</i> , 2013, 14, 307-308.	14.5	537
9	Plasticity of <i>Foxp3</i> <sup>+</sup> T Cells Reflects Promiscuous <i>Foxp3</i> Expression in Conventional T Cells but Not Reprogramming of Regulatory T Cells. <i>Immunity</i> , 2012, 36, 262-275.	14.3	534
10	Heterogeneity of natural <i>Foxp3</i> <sup>+</sup> T cells: A committed regulatory T-cell lineage and an uncommitted minor population retaining plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1903-1908.	7.1	481
11	<i>Foxp3</i> Inhibits ROR $\gamma$ <sup>t</sup> -mediated IL-17A mRNA Transcription through Direct Interaction with ROR $\gamma$ <sup>t</sup> *. <i>Journal of Biological Chemistry</i> , 2008, 283, 17003-17008.	3.4	382
12	IL-17-producing $\gamma$ $\delta$ T cells enhance bone regeneration. <i>Nature Communications</i> , 2016, 7, 10928.	12.8	271
13	CD25 <sup>+</sup> CD4 <sup>+</sup> regulatory T cells suppress CD4 <sup>+</sup> T cell-mediated pulmonary hyperinflammation driven by <i>Pneumocystis carinii</i> in immunodeficient mice. <i>European Journal of Immunology</i> , 2002, 32, 1282.	2.9	270
14	Activated regulatory T cells are the major T cell type emigrating from the skin during a cutaneous immune response in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 883-893.	8.2	253
15	<i>Foxp3</i> : a critical regulator of the development and function of regulatory T cells. <i>Microbes and Infection</i> , 2004, 6, 745-751.	1.9	250
16	Control of Autoimmunity by Naturally Arising Regulatory CD4 <sup>+</sup> T Cells. <i>Advances in Immunology</i> , 2003, 81, 331-371.	2.2	244
17	Specificity requirements for selection and effector functions of CD25 <sup>+</sup> regulatory T cells in anti-myelin basic protein T cell receptor transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8213-8218.	7.1	231
18	Active Demethylation of the <i>Foxp3</i> Locus Leads to the Generation of Stable Regulatory T Cells within the Thymus. <i>Journal of Immunology</i> , 2013, 190, 3180-3188.	0.8	228

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19	Sustained suppression by Foxp3 <sup>+</sup> regulatory T cells is vital for infectious transplantation tolerance. <i>Journal of Experimental Medicine</i> , 2011, 208, 2043-2053.	8.5	190
20	The transcription factor E4BP4 regulates the production of IL-10 and IL-13 in CD4 <sup>+</sup> T cells. <i>Nature Immunology</i> , 2011, 12, 450-459.	14.5	184
21	The nuclear orphan receptor Nr4a2 induces Foxp3 and regulates differentiation of CD4 <sup>+</sup> T cells. <i>Nature Communications</i> , 2011, 2, 269.	12.8	180
22	Cutting Edge: Depletion of Foxp3 <sup>+</sup> Cells Leads to Induction of Autoimmunity by Specific Ablation of Regulatory T Cells in Genetically Targeted Mice. <i>Journal of Immunology</i> , 2009, 183, 7631-7634.	0.8	159
23	The epigenetic regulator Uhrf1 facilitates the proliferation and maturation of colonic regulatory T cells. <i>Nature Immunology</i> , 2014, 15, 571-579.	14.5	147
24	Lineage stability and phenotypic plasticity of Foxp3 <sup>+</sup> regulatory T cells. <i>Immunological Reviews</i> , 2014, 259, 159-172.	6.0	146
25	Nonoverlapping roles of PD-1 and FoxP3 in maintaining immune tolerance in a novel autoimmune pancreatitis mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8490-8495.	7.1	140
26	Analyses of a Mutant Foxp3 Allele Reveal BATF as a Critical Transcription Factor in the Differentiation and Accumulation of Tissue Regulatory T Cells. <i>Immunity</i> , 2017, 47, 268-283.e9.	14.3	126
27	Regulatory T Cells, Derived from Naïve CD4 <sup>+</sup> CD25 <sup>+</sup> T Cells by In Vitro Foxp3 Gene Transfer, Can Induce Transplantation Tolerance. <i>Transplantation</i> , 2005, 79, 1310-1316.	1.0	125
28	T follicular helper and T follicular regulatory cells have different TCR specificity. <i>Nature Communications</i> , 2017, 8, 15067.	12.8	124
29	Sphingosine-1-phosphate receptor 2 is critical for follicular helper T cell retention in germinal centers. <i>Journal of Experimental Medicine</i> , 2014, 211, 1297-1305.	8.5	110
30	Attenuation of CD4 <sup>+</sup> CD25 <sup>+</sup> Regulatory T Cells in the Tumor Microenvironment by Metformin, a Type 2 Diabetes Drug. <i>EBioMedicine</i> , 2017, 25, 154-164.	6.1	108
31	Agonist-Selected T Cell Development Requires Strong T Cell Receptor Signaling and Store-Operated Calcium Entry. <i>Immunity</i> , 2013, 38, 881-895.	14.3	106
32	Prostaglandin E <sub>2</sub> –prostoglandin E receptor subtype 4 (EP4) signaling mediates UV irradiation-induced systemic immunosuppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6668-6673.	7.1	105
33	Helios Enhances Treg Cell Function in Cooperation With FoxP3. <i>Arthritis and Rheumatology</i> , 2015, 67, 1491-1502.	5.6	93
34	Maternal High Fiber Diet during Pregnancy and Lactation Influences Regulatory T Cell Differentiation in Offspring in Mice. <i>Journal of Immunology</i> , 2017, 199, 3516-3524.	0.8	93
35	Full restoration of peripheral Foxp3 <sup>+</sup> regulatory T cell pool by radioresistant host cells in scurfy bone marrow chimeras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8959-8964.	7.1	85
36	Foxp3-Transduced Polyclonal Regulatory T Cells Protect against Chronic Renal Injury from Adriamycin. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 697-706.	6.1	82

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37	Regulatory T-cells regulate neonatal heart regeneration by potentiating cardiomyocyte proliferation in a paracrine manner. <i>Theranostics</i> , 2019, 9, 4324-4341.	10.0	79
38	Construction of an open-access database that integrates cross-reference information from the transcriptome and proteome of immune cells. <i>Bioinformatics</i> , 2007, 23, 2934-2941.	4.1	74
39	Regulatory T cells: the physiology of autoreactivity in dominant tolerance and "quality control" of immune responses. <i>Immunological Reviews</i> , 2001, 182, 89-98.	6.0	66
40	Developmental plasticity of Foxp3+ regulatory T cells. <i>Current Opinion in Immunology</i> , 2010, 22, 575-582.	5.5	66
41	Regulatory T cell plasticity: beyond the controversies. <i>Trends in Immunology</i> , 2011, 32, 295-300.	6.8	66
42	Expansion of Foxp3 <sup>+</sup> T <sub>H</sub> 17 cell populations by <i>Candida albicans</i> enhances both Th17 cell responses and fungal dissemination after intravenous challenge. <i>European Journal of Immunology</i> , 2014, 44, 1069-1083.	2.9	55
43	The roles of Sarcophaga defense molecules in immunity and metamorphosis. <i>Developmental and Comparative Immunology</i> , 1999, 23, 317-328.	2.3	52
44	Requirement of full TCR repertoire for regulatory T cells to maintain intestinal homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12770-12775.	7.1	52
45	Peripheral expansion of thymus-derived regulatory cells in anti-myelin basic protein T cell receptor transgenic mice. <i>European Journal of Immunology</i> , 2002, 32, 3729-3735.	2.9	44
46	câ€Rel: A pioneer in directing regulatory T <sub>H</sub> 1 cell lineage commitment?. <i>European Journal of Immunology</i> , 2010, 40, 664-667.	2.9	43
47	Rethinking the molecular definition of regulatory T cells. <i>European Journal of Immunology</i> , 2008, 38, 928-930.	2.9	37
48	Enhanced efficacy of regulatory T cell transfer against increasing resistance, by elevated Foxp3 expression induced in arthritic murine hosts. <i>Arthritis and Rheumatism</i> , 2007, 56, 2947-2956.	6.7	34
49	TRAF6 directs commitment to regulatory T cells in thymocytes. <i>Genes To Cells</i> , 2011, 16, 437-447.	1.2	33
50	Single-cell transcriptomics reveal that PD-1 mediates immune tolerance by regulating proliferation of regulatory T cells. <i>Genome Medicine</i> , 2018, 10, 71.	8.2	30
51	Exacerbation of delayed-type hypersensitivity responses in EBV-induced gene-3 (EBI-3)-deficient mice. <i>Immunology Letters</i> , 2010, 128, 108-115.	2.5	28
52	Deregulated Mucosal Immune Surveillance through Gut-Associated Regulatory T Cells and PD-1+ T Cells in Human Colorectal Cancer. <i>Journal of Immunology</i> , 2018, 200, 3291-3303.	0.8	28
53	Thymic Generation and Selection of CD25+ CD4+ Regulatory T Cells: Implications of Their Broad Repertoire and High Self-Reactivity for the Maintenance of Immunological Self-Tolerance. <i>Novartis Foundation Symposium</i> , 2008, , 6-23.	1.1	26
54	Enhanced murine contact hypersensitivity by depletion of endogenous regulatory T cells in the sensitization phase. <i>Journal of Dermatological Science</i> , 2011, 61, 144-147.	1.9	26

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55	Stability of Regulatory T-cell Lineage. <i>Advances in Immunology</i> , 2011, 112, 1-24.	2.2	25
56	The Foxp3 interactome: a network perspective of Treg cells. <i>Nature Immunology</i> , 2012, 13, 943-945.	14.5	25
57	Regulatory Cells in Transplantation. <i>Novartis Foundation Symposium</i> , 2008, , 177-193.	1.1	23
58	Unique properties of thymic antigen-presenting cells promote epigenetic imprinting of alloantigen-specific regulatory T cells. <i>Oncotarget</i> , 2017, 8, 35542-35557.	1.8	19
59	Dynamic Imprinting of the Treg Cell-Specific Epigenetic Signature in Developing Thymic Regulatory T Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2382.	4.8	18
60	Defective induction of the proteasome associated with Tâ€cell receptor signaling underlies Tâ€cell senescence. <i>Genes To Cells</i> , 2019, 24, 801-813.	1.2	18
61	FOXP3 as a master regulator of Treg cells. <i>Nature Reviews Immunology</i> , 2021, 21, 618-619.	22.7	18
62	A novel hemocyte-specific membrane protein of <i>Sarcophaga</i> (flesh fly). <i>FEBS Journal</i> , 2000, 267, 5397-5403.	0.2	14
63	Thymic generation and selection of CD25+CD4+ regulatory T cells: implications of their broad repertoire and high self-reactivity for the maintenance of immunological self-tolerance. <i>Novartis Foundation Symposium</i> , 2003, 252, 6-16; discussion 16-23, 106-14.	1.1	14
64	Monoclonal Antibodies against Pupa-Specific Surface Antigens of <i>Sarcophaga peregrina</i> (Flesh Fly) Hemocytes. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 497-501.	2.1	13
65	Regulatory cells in transplantation. <i>Novartis Foundation Symposium</i> , 2003, 252, 177-88; discussion 188-93, 203-10.	1.1	13
66	Peripheral tolerance by Treg via constraining OX40 signal in autoreactive T cells against desmoglein 3, a target antigen in pemphigus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2026763118.	7.1	11
67	A new statistical method for quantitative analyses: application to the precise quantification of T cell receptor repertoires. <i>Journal of Immunological Methods</i> , 2002, 268, 159-170.	1.4	10
68	Self-organization of the heartbeat as coordination among ventricular myocardial cells through mechano-electrical feedback. <i>Biological Cybernetics</i> , 1999, 80, 1-10.	1.3	4
69	The adaptability of regulatory T cells and Foxp3. <i>International Immunology</i> , 2021, 33, 803-807.	4.0	4
70	Protection of IFN-Î³ signaling-deficient NOD mice from diabetes by cyclophosphamide. <i>International Immunology</i> , 2008, 20, 1231-1237.	4.0	3
71	Keeping hopes high. <i>EMBO Reports</i> , 2003, 4, 1033-1037.	4.5	1
72	Editorial: Regulatory T Cell Heterogeneity: Canonical and Non-Canonical Functions. <i>Frontiers in Immunology</i> , 2021, 12, 722563.	4.8	0

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73	Role of regulatory T cells in mucosal immunity. , 2020, , 123-133.		0
74	Keeping hopes high. EMBO Reports, 2003, 4, 1033-1037.	4.5	0