

# Atsuhiko Hasegawa

## List of Publications by Citations

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47  
papers

1,498  
citations

23  
h-index

38  
g-index

52  
ext. papers

1,777  
ext. citations

5.1  
avg, IF

3.66  
L-index

#	Paper	IF	Citations
47	Graft-versus-Tax response in adult T-cell leukemia patients after hematopoietic stem cell transplantation. <i>Cancer Research</i> , <b>2004</b> , 64, 391-9	10.1	113
46	The level of monocyte turnover predicts disease progression in the macaque model of AIDS. <i>Blood</i> , <b>2009</b> , 114, 2917-25	2.2	108
45	CD163, a marker of perivascular macrophages, is up-regulated by microglia in simian immunodeficiency virus encephalitis after haptoglobin-hemoglobin complex stimulation and is suggestive of breakdown of the blood-brain barrier. <i>American Journal of Pathology</i> , <b>2008</b> , 172, 725-37	5.8	89
44	Augmentation of donor-derived Tax-specific CTL responses by a novel Tax epitope-specific CD4+ helper T-cells in ATL patients after allogeneic hematopoietic stem cell transplantation. <i>Retrovirology</i> , <b>2014</b> , 11,	3.6	78
43	Functional impairment of Tax-specific but not CMV-specific CTLs in a minor population of asymptomatic HTLV-1-carriers. <i>Retrovirology</i> , <b>2011</b> , 8,	3.6	78
42	Clinical outcomes of a novel therapeutic vaccine with Tax peptide-pulsed dendritic cells for adult T cell leukaemia/lymphoma in a pilot study. <i>British Journal of Haematology</i> , <b>2015</b> , 169, 356-67	4.5	75
41	HTLV-1 induces a Th1-like state in CD4+CCR4+ T cells. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 3431-42	5.9	69
40	Toll-like receptors: insights into their possible role in the pathogenesis of lyme neuroborreliosis. <i>Infection and Immunity</i> , <b>2008</b> , 76, 4385-95	3.7	62
39	Prevention of adult T-cell leukemia-like lymphoproliferative disease in rats by adoptively transferred T cells from a donor immunized with human T-cell leukemia virus type 1 Tax-coding DNA vaccine. <i>Journal of Virology</i> , <b>2000</b> , 74, 9610-6	6.6	62
38	The Mycobacterium tuberculosis stress response factor SigH is required for bacterial burden as well as immunopathology in primate lungs. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 205, 1203-13	7	60
37	Regression of human T-cell leukemia virus type I (HTLV-I)-associated lymphomas in a rat model: peptide-induced T-cell immunity. <i>Journal of the National Cancer Institute</i> , <b>2001</b> , 93, 1775-83	9.7	55
36	Interferon- $\gamma$ suppresses HTLV-1 gene expression and cell cycling, while IFN- $\alpha$ combined with zidovudine induces p53 signaling and apoptosis in HTLV-1-infected cells. <i>Retrovirology</i> , <b>2013</b> , 10, 52	3.6	48
35	Expansion of human T-cell leukemia virus type 1 (HTLV-1) reservoir in orally infected rats: inverse correlation with HTLV-1-specific cellular immune response. <i>Journal of Virology</i> , <b>2003</b> , 77, 2956-63	6.6	43
34	Stromal cell-mediated suppression of human T-cell leukemia virus type 1 expression in vitro and in vivo by type I interferon. <i>Journal of Virology</i> , <b>2009</b> , 83, 5101-8	6.6	41
33	Differentiation Kinetics of Blood Monocytes and Dendritic Cells in Macaques: Insights to Understanding Human Myeloid Cell Development. <i>Journal of Immunology</i> , <b>2015</b> , 195, 1774-81	5.3	39
32	Potential immunogenicity of adult T cell leukemia cells in vivo. <i>International Journal of Cancer</i> , <b>2005</b> , 114, 257-67	7.5	36
31	In vitro characterization of primary SIVsmm isolates belonging to different lineages. In vitro growth on rhesus macaque cells is not predictive for in vivo replication in rhesus macaques. <i>Virology</i> , <b>2007</b> , 362, 257-70	3.6	33

30	Suppression of human immunodeficiency virus type 1 replication in macrophages by commensal bacteria preferentially stimulating Toll-like receptor 4. <i>Journal of General Virology</i> , <b>2010</b> , 91, 2804-13	4.9	31
29	Fate of HIV-1 cDNA intermediates during reverse transcription is dictated by transcription initiation site of virus genomic RNA. <i>Scientific Reports</i> , <b>2015</b> , 5, 17680	4.9	29
28	IL-10-mediated signals act as a switch for lymphoproliferation in Human T-cell leukemia virus type-1 infection by activating the STAT3 and IRF4 pathways. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006597	7.6	28
27	Overexpression of NF- $\kappa$ B inducing kinase underlies constitutive NF- $\kappa$ B activation in lung cancer cells. <i>Lung Cancer</i> , <b>2010</b> , 70, 263-70	5.9	27
26	Oral administration of human T-cell leukemia virus type 1 induces immune unresponsiveness with persistent infection in adult rats. <i>Journal of Virology</i> , <b>1998</b> , 72, 7289-93	6.6	26
25	Immunological aspects of rat models of HTLV type 1-infected T lymphoproliferative disease. <i>AIDS Research and Human Retroviruses</i> , <b>2000</b> , 16, 1737-40	1.6	24
24	Functional impairment of Tax-specific but not cytomegalovirus-specific CD8+ T lymphocytes in a minor population of asymptomatic human T-cell leukemia virus type 1-carriers. <i>Retrovirology</i> , <b>2011</b> , 8, 100	3.6	22
23	Potential enhancement of osteoclastogenesis by severe acute respiratory syndrome coronavirus 3a/X1 protein. <i>Archives of Virology</i> , <b>2009</b> , 154, 1457-64	2.6	21
22	The development of colitogenic CD4(+) T cells is regulated by IL-7 in collaboration with NK cell function in a murine model of colitis. <i>Journal of Immunology</i> , <b>2012</b> , 188, 2524-36	5.3	19
21	The roles of acquired and innate immunity in human T-cell leukemia virus type 1-mediated diseases. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 323	5.7	18
20	Impact of host immunity on HTLV-1 pathogenesis: potential of Tax-targeted immunotherapy against ATL. <i>Retrovirology</i> , <b>2019</b> , 16, 23	3.6	17
19	Impaired Tax-specific T-cell responses with insufficient control of HTLV-1 in a subgroup of individuals at asymptomatic and smoldering stages. <i>Cancer Science</i> , <b>2009</b> , 100, 481-9	6.9	15
18	Analysis of TCR $\alpha$ combinations used by simian immunodeficiency virus-specific CD8+ T cells in rhesus monkeys: implications for CTL immunodominance. <i>Journal of Immunology</i> , <b>2007</b> , 178, 3409-17	5.3	15
17	Double control systems for human T-cell leukemia virus type 1 by innate and acquired immunity. <i>Cancer Science</i> , <b>2011</b> , 102, 670-6	6.9	14
16	Elimination of human T cell leukemia virus type-1-infected cells by neutralizing and antibody-dependent cellular cytotoxicity-inducing antibodies against human t cell leukemia virus type-1 envelope gp46. <i>AIDS Research and Human Retroviruses</i> , <b>2014</b> , 30, 542-52	1.6	13
15	Critical Contribution of Tyr15 in the HIV-1 Integrase (IN) in Facilitating IN Assembly and Nonenzymatic Function through the IN Precursor Form with Reverse Transcriptase. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	12
14	DNA-dependent activator of IFN-regulatory factors enhances the transcription of HIV-1 through NF- $\kappa$ B. <i>Microbes and Infection</i> , <b>2010</b> , 12, 937-47	9.3	12
13	Critical Role for Monocytes/Macrophages in Rapid Progression to AIDS in Pediatric Simian Immunodeficiency Virus-Infected Rhesus Macaques. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	11

12	Maintenance of long remission in adult T-cell leukemia by Tax-targeted vaccine: A hope for disease-preventive therapy. <i>Cancer Science</i> , <b>2019</b> , 110, 849-857	6.9	11
11	Potential contribution of a novel Tax epitope-specific CD4+ T cells to graft-versus-Tax effect in adult T cell leukemia patients after allogeneic hematopoietic stem cell transplantation. <i>Journal of Immunology</i> , <b>2013</b> , 190, 4382-92	5.3	11
10	Reduction of human T-cell leukemia virus type 1 (HTLV-1) proviral loads in rats orally infected with HTLV-1 by reimmunization with HTLV-1-infected cells. <i>Journal of Virology</i> , <b>2006</b> , 80, 7375-81	6.6	10
9	HTLV-1 Tax-Specific CTL Epitope-Pulsed Dendritic Cell Therapy Reduces Proviral Load in Infected Rats with Immune Tolerance against Tax. <i>Journal of Immunology</i> , <b>2017</b> , 198, 1210-1219	5.3	6
8	A novel mother-to-child human T-cell leukaemia virus type 1 (HTLV-1) transmission model for investigating the role of maternal anti-HTLV-1 antibodies using orally infected mother rats. <i>Journal of General Virology</i> , <b>2017</b> , 98, 835-846	4.9	6
7	Induction of IL-10- and IFN-gamma-producing T-cell responses by autoreactive T-cells expressing human T-cell leukemia virus type I Tax. <i>International Immunology</i> , <b>2009</b> , 21, 1089-100	4.9	4
6	Short-term cultured autologous peripheral blood mononuclear cells as a potential immunogen to activate Tax-specific CTL response in adult T-cell leukemia patients. <i>Cancer Science</i> , <b>2021</b> , 112, 1161-1172	6.9	2
5	Impact of 5'end nucleotide modifications of HIV-1 genomic RNA on reverse transcription. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 516, 1145-1151	3.4	1
4	Involvement of EZH2 inhibition in lenalidomide and pomalidomide-mediated growth suppression in HTLV-1-infected cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 574, 104-109	3.4	0
3	Tax-Targeting Dendritic Cell Therapy for ATL: A Phase Ia/Ib Clinical Study. <i>Blood</i> , <b>2018</b> , 132, 1649-1649	2.2	
2	A Therapeutic Vaccine In Adult T-Cell Leukemia Patients With Autologous Dendritic Cells Pulsed With Peptides Corresponding To Tax-Specific Cytotoxic T Lymphocyte Epitopes. <i>Blood</i> , <b>2013</b> , 122, 5130-5130	2.2	
1	Paroxysmal nocturnal haemoglobinuria associated with a novel phosphatidylinositol glycan class A (PIGA) mutation in a patient with Klinefelter syndrome. <i>Annals of Hematology</i> , <b>2021</b> , 100, 1625-1627	3	