

Shinjiro Hamano

List of Publications by Year in descending order

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120
papers

4,964
citations

126907

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95266

68
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127
all docs

127
docs citations

127
times ranked

5965
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutting Edge: Role of IL-27/WSX-1 Signaling for Induction of T-Bet Through Activation of STAT1 During Initial Th1 Commitment. <i>Journal of Immunology</i> , 2003, 170, 4886-4890.	0.8	494
2	WSX-1 Is Required for the Initiation of Th1 Responses and Resistance to <i>L. major</i> Infection. <i>Immunity</i> , 2001, 15, 569-578.	14.3	380
3	SOCS-3 regulates onset and maintenance of TH2-mediated allergic responses. <i>Nature Medicine</i> , 2003, 9, 1047-1054.	30.7	329
4	WSX-1 Is Required for Resistance to <i>Trypanosoma cruzi</i> Infection by Regulation of Proinflammatory Cytokine Production. <i>Immunity</i> , 2003, 19, 657-667.	14.3	253
5	Infiltration of COX-2-expressing macrophages is a prerequisite for IL-1 β -induced neovascularization and tumor growth. <i>Journal of Clinical Investigation</i> , 2005, 115, 2979-2991.	8.2	253
6	Two-Sided Roles of IL-27: Induction of Th1 Differentiation on Naive CD4+ T Cells versus Suppression of Proinflammatory Cytokine Production Including IL-23-Induced IL-17 on Activated CD4+ T Cells Partially Through STAT3-Dependent Mechanism. <i>Journal of Immunology</i> , 2006, 177, 5377-5385.	0.8	216
7	Loss of SOCS3 in T helper cells resulted in reduced immune responses and hyperproduction of interleukin 10 and transforming growth factor β 1. <i>Journal of Experimental Medicine</i> , 2006, 203, 1021-1031.	8.5	207
8	Impact of intestinal colonization and invasion on the <i>Entamoeba histolytica</i> transcriptome. <i>Molecular and Biochemical Parasitology</i> , 2006, 147, 163-176.	1.1	153
9	IL-17 Is Necessary for Host Protection against Acute-Phase <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2010, 185, 1150-1157.	0.8	150
10	Exacerbation of Experimental Allergic Asthma by Augmented Th2 Responses in WSX-1-Deficient Mice. <i>Journal of Immunology</i> , 2005, 175, 2401-2407.	0.8	107
11	Membranous Glomerulonephritis Development with Th2-Type Immune Deviations in MRL- <i>lpr</i> Mice Deficient for IL-27 Receptor (WSX-1). <i>Journal of Immunology</i> , 2005, 175, 7185-7192.	0.8	103
12	Malaria Parasites Require TLR9 Signaling for Immune Evasion by Activating Regulatory T Cells. <i>Journal of Immunology</i> , 2008, 180, 2496-2503.	0.8	87
13	TLR-Dependent Induction of IFN- γ Mediates Host Defense against <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , 2006, 177, 7059-7066.	0.8	85
14	Involvement of CD8 ⁺ T cells in protective immunity against murine blood-stage infection with <i>Plasmodium yoelii</i> 17XL strain. <i>European Journal of Immunology</i> , 2010, 40, 1053-1061.	2.9	84
15	Resistance to Intestinal <i>Entamoeba histolytica</i> Infection Is Conferred by Innate Immunity and Gr-1 + Cells. <i>Infection and Immunity</i> , 2005, 73, 4522-4529.	2.2	83
16	Hyperproduction of Proinflammatory Cytokines by WSX-1-Deficient NKT Cells in Concanavalin A-Induced Hepatitis. <i>Journal of Immunology</i> , 2004, 172, 3590-3596.	0.8	81
17	<i>Entamoeba moshkovskii</i> Is Associated With Diarrhea in Infants and Causes Diarrhea and Colitis in Mice. <i>Journal of Infectious Diseases</i> , 2012, 206, 744-751.	4.0	81
18	A second generation leishmanization vaccine with a markerless attenuated <i>Leishmania major</i> strain using CRISPR gene editing. <i>Nature Communications</i> , 2020, 11, 3461.	12.8	72

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19	T helper type 2 differentiation and intracellular trafficking of the interleukin 4 receptor- β subunit controlled by the Rac activator Dock2. <i>Nature Immunology</i> , 2007, 8, 1067-1075.	14.5	70
20	The relative contributions of each subset of ocular infiltrated cells in experimental choroidal neovascularisation. <i>British Journal of Ophthalmology</i> , 2004, 88, 1217-1222.	3.9	67
21	T Helper 1-Inducing Property of IL-27/WSX-1 Signaling Is Required for the Induction of Experimental Colitis. <i>Inflammatory Bowel Diseases</i> , 2005, 11, 1044-1052.	1.9	60
22	Resistance of C57BL/6 Mice to Amoebiasis Is Mediated by Nonhemopoietic Cells but Requires Hemopoietic IL-10 Production. <i>Journal of Immunology</i> , 2006, 177, 1208-1213.	0.8	60
23	Targeted Deletion of Both Thymidine Phosphorylase and Uridine Phosphorylase and Consequent Disorders in Mice. <i>Molecular and Cellular Biology</i> , 2002, 22, 5212-5221.	2.3	55
24	$\text{V}\beta 1 + \text{I}\beta 1$ T cells play protective roles at an early phase of murine cytomegalovirus infection through production of interferon- β . <i>Immunology</i> , 2000, 99, 187-194.	4.4	53
25	Amelioration of human lupus-like phenotypes in MRL/lpr mice by overexpression of interleukin 27 receptor A (WSX-1). <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1461-1467.	0.9	53
26	Risk Factors and Spatial Distribution of <i>Schistosoma mansoni</i> Infection among Primary School Children in Mbita District, Western Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2991.	3.0	51
27	Genotypic variation among lineages of <i>Trypanosoma cruzi</i> and its geographic aspects. <i>Parasitology International</i> , 2004, 53, 337-344.	1.3	50
28	Members of the <i>Entamoeba histolytica</i> transmembrane kinase family play non-redundant roles in growth and phagocytosis. <i>International Journal for Parasitology</i> , 2010, 40, 833-843.	3.1	44
29	Concurrent infection with <i>Heligmosomoides polygyrus</i> suppresses anti- <i>Plasmodium yoelii</i> protection partially by induction of $\text{CD4}^+ \text{CD25}^+ \text{Foxp3}^+$ Treg in mice. <i>European Journal of Immunology</i> , 2009, 39, 2822-2830.	2.9	40
30	<i>Entamoeba</i> Encystation: New Targets to Prevent the Transmission of Amebiasis. <i>PLoS Pathogens</i> , 2016, 12, e1005845.	4.7	39
31	Serological Surveillance Development for Tropical Infectious Diseases Using Simultaneous Microsphere-Based Multiplex Assays and Finite Mixture Models. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3040.	3.0	38
32	IL-18 gene therapy develops Th1-type immune responses in <i>Leishmania major</i> -infected BALB/c mice: is the effect mediated by the CpG signaling TLR9?. <i>Gene Therapy</i> , 2004, 11, 941-948.	4.5	37
33	Deficiency in EBV-induced gene 3 (EBI3) in MRL/lpr mice results in pathological alteration of autoimmune glomerulonephritis and sialadenitis. <i>Modern Rheumatology</i> , 2009, 19, 33-41.	1.8	35
34	Protective effects of hochu-ekki-to, a Chinese traditional herbal medicine against murine cytomegalovirus infection. <i>Immunopharmacology</i> , 1999, 41, 169-181.	2.0	32
35	Development of experimental cerebral malaria is independent of IL-23 and IL-17. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 790-795.	2.1	32
36	Role of Macrophages in Acute Murine Cytomegalovirus Infection. <i>Microbiology and Immunology</i> , 1998, 42, 607-616.	1.4	30

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37	Evaluation of diagnostic performance of rK28 ELISA using urine for diagnosis of visceral leishmaniasis. <i>Parasites and Vectors</i> , 2016, 9, 383.	2.5	30
38	Preclinical validation of a live attenuated dermatropic <i>Leishmania</i> vaccine against vector transmitted fatal visceral leishmaniasis. <i>Communications Biology</i> , 2021, 4, 929.	4.4	30
39	Resistance of regulatory T cells to glucocorticoid-viduced TNFR family-related protein (GITR) during <i>Plasmodium yoelii</i> infection. <i>European Journal of Immunology</i> , 2005, 35, 3516-3524.	2.9	29
40	The crucial role of granulocytes in the early host defense against <i>Strongyloides ratti</i> infection in mice. <i>Parasitology Research</i> , 2000, 86, 188-193.	1.6	28
41	Analysis of corneal inflammation induced by cauterisation in CCR2 and MCP-1 knockout mice. <i>British Journal of Ophthalmology</i> , 2006, 90, 218-222.	3.9	26
42	Spatial distribution and risk factors of <i>Schistosoma haematobium</i> and hookworm infections among schoolchildren in Kwale, Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005872.	3.0	26
43	Induction of apoptosis of T cells by infecting mice with murine cytomegalovirus. <i>Journal of Virology</i> , 1995, 69, 4769-4775.	3.4	25
44	A critical role for phagocytosis in resistance to malaria in iron-deficient mice. <i>European Journal of Immunology</i> , 2011, 41, 1365-1375.	2.9	24
45	Species-Specific Serological Detection for Schistosomiasis by Serine Protease Inhibitor (SERPIN) in Multiplex Assay. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004021.	3.0	24
46	WSX-1 over-expression in CD4+ T cells leads to hyperproliferation and cytokine hyperproduction in response to TCR stimulation. <i>International Immunology</i> , 2005, 17, 889-897.	4.0	23
47	High-density lipoprotein suppresses tumor necrosis factor alpha production by mycobacteria-infected human macrophages. <i>Scientific Reports</i> , 2018, 8, 6736.	3.3	23
48	Deficiency in EBV-induced gene 3 (EBI3) in MRL/lpr mice results in pathological alteration of autoimmune glomerulonephritis and sialadenitis. <i>Modern Rheumatology</i> , 2009, 19, 33-41.	1.8	23
49	IL-4 reduces resistance of mice to <i>Trypanosoma cruzi</i> infection. <i>Parasitology Research</i> , 2001, 87, 269-274.	1.6	22
50	The involvement of immunoproteasomes in induction of MHC class I-restricted immunity targeting <i>Toxoplasma SAG1</i> . <i>Microbes and Infection</i> , 2006, 8, 1045-1053.	1.9	22
51	<i>Strongyloides ratti</i> : the role of interleukin-5 in protection against tissue migrating larvae and intestinal adult worms. <i>Journal of Helminthology</i> , 2003, 77, 355-361.	1.0	21
52	WSX-1 plays a significant role for the initiation of experimental autoimmune uveitis. <i>International Immunology</i> , 2006, 19, 93-98.	4.0	21
53	Prevalence and associated factors of asymptomatic leishmaniasis: a systematic review and meta-analysis. <i>Parasitology International</i> , 2021, 81, 102229.	1.3	20
54	Centrin-deficient <i>Leishmania mexicana</i> confers protection against New World cutaneous leishmaniasis. <i>Npj Vaccines</i> , 2022, 7, 32.	6.0	19

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55	Strongyloides ratti : additive effect of testosterone implantation and carbon injection on the susceptibility of female mice. Parasitology Research, 1999, 85, 522-526.	1.6	18
56	Molecular analysis of α -thalassemia in Nepal: correlation with malaria endemicity. Journal of Human Genetics, 2000, 45, 127-132.	2.3	17
57	Evaluation of Real-time PCR for Diagnosis of Post-Kala-azar Dermal Leishmaniasis in Endemic Foci of Bangladesh. Open Forum Infectious Diseases, 2018, 5, ofy234.	0.9	16
58	Aberrant IL-4 production by SOCS3-over-expressing T cells during infection with Leishmania major exacerbates disease manifestations. International Immunology, 2011, 23, 195-202.	4.0	15
59	Characterization of Entamoeba histolytica adenosine 5'-phosphosulfate (APS) kinase; validation as a target and provision of leads for the development of new drugs against amoebiasis. PLoS Neglected Tropical Diseases, 2019, 13, e0007633.	3.0	15
60	What does soil-transmitted helminth elimination look like? Results from a targeted molecular detection survey in Japan. Parasites and Vectors, 2020, 13, 6.	2.5	15
61	Schistosoma mansoni infection suppresses the growth of Plasmodium yoelii parasites in the liver and reduces gametocyte infectivity to mosquitoes. PLoS Neglected Tropical Diseases, 2018, 12, e0006197.	3.0	15
62	Gender and genetic control of resistance to intestinal amebiasis in inbred mice. Genes and Immunity, 2008, 9, 452-461.	4.1	14
63	Parasites alter the pathological phenotype of lupus nephritis. Autoimmunity, 2014, 47, 538-547.	2.6	14
64	Mouse models of amoebiasis and culture methods of amoeba. Parasitology International, 2016, 65, 520-525.	1.3	14
65	The dynamics of ultrastructural changes during <i>Entamoeba invadens</i> encystation. Parasitology, 2020, 147, 1305-1312.	1.5	14
66	Prevalence and risk factors of Schistosoma mansoni infection among children under two years of age in Mbita, Western Kenya. PLoS Neglected Tropical Diseases, 2020, 14, e0008473.	3.0	14
67	The Double Identity of WSX-1 (IL-27R) as an Initiator and an Attenuator of Immune Responses. Current Immunology Reviews, 2005, 1, 55-60.	1.2	12
68	A high-intensity cluster of Schistosoma mansoni infection around Mbita causeway, western Kenya: a confirmatory cross-sectional survey. Tropical Medicine and Health, 2019, 47, 26.	2.8	11
69	The characterization of testicular cell (TC)-specific T cell clones induced by intratesticular Listeria monocytogenes infection: TC-specific T cells with atypical cytokine profile transfer orchitis. Immunology, 1997, 91, 520-528.	4.4	10
70	The effect of interleukin-4 on the induction of intestinal mast cells and chronological cytokine profiles during intestinal nematode Strongyloides ratti infection. Parasitology Research, 2001, 87, 149-154.	1.6	10
71	Regulation of Defense Responses against Protozoan Infection by Interleukin-27 and Related Cytokines. Journal of Biomedicine and Biotechnology, 2007, 2007, 1-7.	3.0	10
72	Splenic CD11c(+) cells derived from semi-immune mice protect naive mice against experimental cerebral malaria. Malaria Journal, 2015, 14, 23.	2.3	10

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73	Development of multiplex serological assay for the detection of human African trypanosomiasis. <i>Parasitology International</i> , 2016, 65, 121-127.	1.3	10
74	Lymphocytes influence <i>Leishmania major</i> pathogenesis in a strain-dependent manner. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007865.	3.0	10
75	Interleukin (IL)-33 is dispensable for <i>Schistosoma mansoni</i> worm maturation and the maintenance of egg-induced pathology in intestines of infected mice. <i>Parasites and Vectors</i> , 2021, 14, 70.	2.5	10
76	<i>Strongyloides ratti</i> : Accumulating Behavior of the Third Stage Larvae to Sodium Ion. <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , 1997, 27, 22-29.	0.3	10
77	Concurrent Infection with <i>Heligmosomoides polygyrus</i> Modulates Murine Host Response against <i>Plasmodium berghei</i> ANKA Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 819-822.	1.4	10
78	Sialic acid-dependent attachment of mucins from three mouse strains to <i>Entamoeba histolytica</i> . <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 252-258.	2.1	9
79	Species-Specific Immunity Induced by Infection with <i>Entamoeba histolytica</i> and <i>Entamoeba moshkovskii</i> in Mice. <i>PLoS ONE</i> , 2013, 8, e82025.	2.5	9
80	Comparison of PCR-based diagnoses for visceral leishmaniasis in Bangladesh. <i>Parasitology International</i> , 2014, 63, 327-331.	1.3	9
81	Tandem repeat recombinant proteins as potential antigens for the sero-diagnosis of <i>Schistosoma mansoni</i> infection. <i>Parasitology International</i> , 2015, 64, 503-512.	1.3	9
82	Mitochondria as a Potential Target for the Development of Prophylactic and Therapeutic Drugs against <i>Schistosoma mansoni</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0041821.	3.2	9
83	Post-Kala-Azar Dermal Leishmaniasis Without Previous History of Visceral Leishmaniasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 1383-1385.	1.4	8
84	Novel Potential Biomarkers for <i>Opisthorchis viverrini</i> Infection and Associated Cholangiocarcinoma. <i>In Vivo</i> , 2018, 32, 871-878.	1.3	8
85	Macrophages activated by <i>Listeria monocytogenes</i> induce organ-specific autoimmunity. <i>Immunology</i> , 1997, 92, 274-283.	4.4	7
86	Modulation of immune responses by <i>Plasmodium falciparum</i> infection in asymptomatic children living in the endemic region of Mbita, western Kenya. <i>Parasitology International</i> , 2018, 67, 284-293.	1.3	7
87	<i>Leishmania Major</i> Centrin Gene-Deleted Parasites Generate Skin Resident Memory T-Cell Immune Response Analogous to Leishmanization. <i>Frontiers in Immunology</i> , 2022, 13, 864031.	4.8	7
88	Challenges for management of post kala-azar dermal leishmaniasis and future directions. <i>Research and Reports in Tropical Medicine</i> , 2014, 5, 105.	1.4	6
89	IL-17A contributes to reducing IFN- γ /IL-4 ratio and persistence of <i>Entamoeba histolytica</i> during intestinal amebiasis. <i>Parasitology International</i> , 2017, 66, 817-823.	1.3	6
90	Intestinal Inflammation-Mediated Clearance of Amebic Parasites Is Dependent on IFN- γ . <i>Journal of Immunology</i> , 2018, 200, 1101-1109.	0.8	6

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91	Galectin-2 suppresses nematode development by binding to the invertebrate-specific galactose ¹ 21-4fucose glyco-epitope. <i>Glycobiology</i> , 2019, 29, 504-512.	2.5	6
92	Economic burden of the persistent morbidity of nodding syndrome on caregivers in affected households in Northern Uganda. <i>PLoS ONE</i> , 2020, 15, e0238643.	2.5	6
93	The distribution of hereditary erythrocytic disorders associated with malaria, in a lowland area of Nepal: a micro-epidemiological study. <i>Annals of Tropical Medicine and Parasitology</i> , 2007, 101, 113-122.	1.6	5
94	Unique T Cells with Unconventional Cytokine Profiles Induced in the Livers of Mice during <i>Schistosoma mansoni</i> Infection. <i>PLoS ONE</i> , 2013, 8, e82698.	2.5	5
95	Biochemical Studies of Mitochondrial Malate: Quinone Oxidoreductase from <i>Toxoplasma gondii</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7830.	4.1	5
96	Detection of kinetoplast DNA of <i>Trypanosoma cruzi</i> from dried feces of triatomine bugs by PCR. <i>Parasitology International</i> , 2001, 50, 135-138.	1.3	4
97	Involvement of IL-18 in the Expansion of Unique Hepatic T Cells with Unconventional Cytokine Profiles during <i>Schistosoma mansoni</i> Infection. <i>PLoS ONE</i> , 2014, 9, e96042.	2.5	4
98	Dynamics of serological responses to defined recombinant proteins during <i>Schistosoma mansoni</i> infection in mice before and after the treatment with praziquantel. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008518.	3.0	4
99	Group 2 Innate Lymphoid Cells Exacerbate Amebic Liver Abscess in Mice. <i>IScience</i> , 2020, 23, 101544.	4.1	4
100	Potential of antibody test using <i>Schistosoma mansoni</i> recombinant serpin and RP26 to detect light-intensity infections in endemic areas. <i>Parasitology International</i> , 2021, 83, 102346.	1.3	4
101	A survey on helminthic infections in two rural communities in Nepal.. <i>Tropical Medicine and Health</i> , 1999, 27, 511-515.	0.1	4
102	Concurrent infection with <i>Heligmosomoides polygyrus</i> modulates murine host response against <i>Plasmodium berghei</i> ANKA infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 819-22.	1.4	4
103	Bancroftian filariasis in Nepal: a survey for circulating antigenemia of <i>Wuchereria bancrofti</i> and urinary IgG4 antibody in two rural areas of Nepal. <i>Acta Tropica</i> , 2003, 88, 11-15.	2.0	3
104	<i>Strongyloides ratti</i> : implication of mast cell-mediated expulsion through Fc γ RI-independent mechanisms. <i>Parasite</i> , 2009, 16, 209-214.	2.0	3
105	Tacrolimus prevents murine cerebral malaria. <i>Immunology</i> , 2017, 150, 155-161.	4.4	3
106	IL-3 derived from CD4+ T cells is essential for the in vitro expansion of mast cells from the normal adult mouse spleen. <i>Clinical and Experimental Immunology</i> , 1996, 106, 149-155.	2.6	2
107	Acute-phase Serum Cytokine Levels and Correlation with Clinical Outcomes in Children and Adults with Primary and Secondary Dengue Virus Infection in Myanmar between 2017 and 2019. <i>Pathogens</i> , 2022, 11, 558.	2.8	2
108	Origin of a novel protein-coding gene family with similar signal sequence in <i>Schistosoma japonicum</i> . <i>BMC Genomics</i> , 2012, 13, 260.	2.8	1

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109	A New Iridoid Glucoside from <i>Anisacanthus virgularis</i> and Its Antiamoebic Activity. <i>Heterocycles</i> , 2019, 98, 1229.	0.7	1
110	Protozoan Diseases: Amebiasis. , 2017, , 64-69.		0
111	Roles of Alveolar Macrophages in Defense against Experimental Pulmonary Infection of Mice with Murine Cytomegalovirus. <i>Biomedical Research</i> , 2000, 21, 145-163.	0.9	0
112	Lymphocytes influence <i>Leishmania major</i> pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
113	Lymphocytes influence <i>Leishmania major</i> pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
114	Lymphocytes influence <i>Leishmania major</i> pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
115	Lymphocytes influence <i>Leishmania major</i> pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
116	Lymphocytes influence <i>Leishmania major</i> pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
117	Title is missing!. , 2020, 15, e0238643.		0
118	Title is missing!. , 2020, 15, e0238643.		0
119	Title is missing!. , 2020, 15, e0238643.		0
120	Title is missing!. , 2020, 15, e0238643.		0