

# Hiroshi Tachibana

## List of Publications by Year in descending order

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99  
papers

1,609  
citations

279778

23  
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414395

32  
g-index

102  
all docs

102  
docs citations

102  
times ranked

1156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Proteomics Reveals Metabolic Reprogramming in Host Cells Induced by Trophozoites and Intermediate Subunit of Gal/GalNAc Lectins from <i>Entamoeba histolytica</i> . <i>MSystems</i> , 2022, , e0135321.	3.8	0
2	Identification of Multiple Domains of <i>Entamoeba histolytica</i> Intermediate Subunit Lectin-1 with Hemolytic and Cytotoxic Activities. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7700.	4.1	1
3	Immunoglobulin G responses to variant forms of <i>Plasmodium vivax</i> merozoite surface protein 9 upon natural infection in Thailand. <i>Scientific Reports</i> , 2021, 11, 3201.	3.3	2
4	Analysis of D-A locus of tRNA-linked short tandem repeats reveals transmission of <i>Entamoeba histolytica</i> and <i>E. dispar</i> among students in the Thai-Myanmar border region of northwest Thailand. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009188.	3.0	3
5	Genotyping of <i>Entamoeba nuttalli</i> strains from the wild rhesus macaques of Myanmar and comparison with those from the wild rhesus macaques of Nepal and China. <i>Infection, Genetics and Evolution</i> , 2021, 92, 104830.	2.3	1
6	Identification of Mamu-DRB1 gene as a susceptibility factor for <i>Entamoeba nuttalli</i> infection in Chinese <i>Macaca mulatta</i> . <i>Infection, Genetics and Evolution</i> , 2021, 93, 104952.	2.3	0
7	A Novel TLR4-Binding Domain of Peroxiredoxin From <i>Entamoeba histolytica</i> Triggers NLRP3 Inflammasome Activation in Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 758451.	4.8	5
8	Identification and biochemical characterisation of <i>Acanthamoeba castellanii</i> cysteine protease 3. <i>Parasites and Vectors</i> , 2020, 13, 592.	2.5	7
9	Autophagy Activated by Peroxiredoxin of <i>Entamoeba histolytica</i> . <i>Cells</i> , 2020, 9, 2462.	4.1	6
10	Evaluation on Elongation Factor 1 Alpha of <i>Entamoeba histolytica</i> Interaction with the Intermediate Subunit of the Gal/GalNAc Lectin and Actin in Phagocytosis. <i>Pathogens</i> , 2020, 9, 702.	2.8	3
11	Single-Cell RNA Sequencing Reveals that the Switching of the Transcriptional Profiles of Cysteine-Related Genes Alters the Virulence of <i>Entamoeba histolytica</i> . <i>MSystems</i> , 2020, 5, .	3.8	4
12	Correlation between genotypes and geographic distribution of <i>Entamoeba nuttalli</i> isolates from wild long-tailed macaques in Central Thailand. <i>Infection, Genetics and Evolution</i> , 2019, 70, 114-122.	2.3	6
13	Whole genome sequencing of <i>Entamoeba nuttalli</i> reveals mammalian host-related molecular signatures and a novel octapeptide-repeat surface protein. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007923.	3.0	7
14	Influence of Heterologous Transplant of DNA â€œLacking Mitochondria from <i>Entamoeba histolytica</i> on Proliferation of <i>Entamoeba invadens</i> . <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 483-493.	1.7	0
15	Apoptosis of <i>Acanthamoeba castellanii</i> Trophozoites Induced by Oleic Acid. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 191-199.	1.7	22
16	Molecular and biochemical characterization of key enzymes in the cysteine and serine metabolic pathways of <i>Acanthamoeba castellanii</i> . <i>Parasites and Vectors</i> , 2018, 11, 604.	2.5	5
17	Prevalence and genotypic diversity of <i>Entamoeba</i> species in inhabitants in Kathmandu, Nepal. <i>Parasitology Research</i> , 2018, 117, 2467-2472.	1.6	10
18	Naturally acquired IgG antibodies to thrombospondinâ€¢related anonymous protein of <i>Plasmodium vivax</i> (PvTRAP) in Thailand predominantly elicit immunological crossâ€¢reactivity. <i>Tropical Medicine and International Health</i> , 2018, 23, 923-933.	2.3	5

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19	Development of a sensitive immunochromatographic kit using fluorescent silica nanoparticles for rapid serodiagnosis of amebiasis. <i>Parasitology</i> , 2018, 145, 1890-1895.	1.5	9
20	Correlation of genetic diversity between hosts and parasites in <i>Entamoeba nuttalli</i> isolates from Tibetan and rhesus macaques in China. <i>BioScience Trends</i> , 2018, 12, 375-381.	3.4	7
21	Characteristics of inflammatory reactions during development of liver abscess in hamsters inoculated with <i>Entamoeba nuttalli</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006216.	3.0	10
22	Hetero-oligomer of dynamin-related proteins participates in the fission of highly divergent mitochondria from <i>Entamoeba histolytica</i> . <i>Scientific Reports</i> , 2017, 7, 13439.	3.3	14
23	Behavior of DNA-lacking mitochondria in <i>Entamoeba histolytica</i> revealed by organelle transplant. <i>Scientific Reports</i> , 2017, 7, 44273.	3.3	3
24	Comparison of hemolytic activity of the intermediate subunit of <i>Entamoeba histolytica</i> and <i>Entamoeba dispar</i> lectins. <i>PLoS ONE</i> , 2017, 12, e0181864.	2.5	9
25	Identification of <i>Entamoeba polecki</i> with Unique 18S rRNA Gene Sequences from Celebes Crested Macaques and Pigs in Tangkoko Nature Reserve, North Sulawesi, Indonesia. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 572-577.	1.7	15
26	Isolation and Molecular Characterization of <i>Entamoeba nuttalli</i> Strains Showing Novel Isoenzyme Patterns from Wild Toque Macaques in Sri Lanka. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 171-180.	1.7	14
27	Comparative analysis of genotypic diversity in <i>Entamoeba nuttalli</i> isolates from Tibetan macaques and rhesus macaques in China. <i>Infection, Genetics and Evolution</i> , 2016, 38, 126-131.	2.3	17
28	Evaluation of the C-Terminal Fragment of <i>Entamoeba histolytica</i> Gal/GalNAc Lectin Intermediate Subunit as a Vaccine Candidate against Amebic Liver Abscess. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004419.	3.0	16
29	Novel hemagglutinating, hemolytic and cytotoxic activities of the intermediate subunit of <i>Entamoeba histolytica</i> lectin. <i>Scientific Reports</i> , 2015, 5, 13901.	3.3	7
30	Rapid microfluidic immunoassay for surveillance and diagnosis of <i>Cryptosporidium</i> infection in human immunodeficiency virus-infected patients. <i>Biomicrofluidics</i> , 2015, 9, 024114.	2.4	2
31	Endoscopic findings and lesion distribution in amebic colitis. <i>Journal of Infection and Chemotherapy</i> , 2015, 21, 444-448.	1.7	15
32	Molecular cloning and expression of phosphoglycerate dehydrogenase and phosphoserine aminotransferase in the serine biosynthetic pathway from <i>Acanthamoeba castellanii</i> . <i>Parasitology Research</i> , 2015, 114, 1387-1395.	1.6	4
33	Artemether Exhibits Amoebicidal Activity against <i>Acanthamoeba castellanii</i> through Inhibition of the Serine Biosynthesis Pathway. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4680-4688.	3.2	16
34	Development of an Immunochromatographic Assay Kit Using Fluorescent Silica Nanoparticles for Rapid Diagnosis of <i>Acanthamoeba Keratitis</i> . <i>Journal of Clinical Microbiology</i> , 2015, 53, 273-277.	3.9	16
35	Spatial Variation in Genetic Diversity and Natural Selection on the Thrombospondin-Related Adhesive Protein Locus of <i>Plasmodium vivax</i> (PvTRAP). <i>PLoS ONE</i> , 2014, 9, e110463.	2.5	12
36	A Case of Quadruple Malaria Infection Imported from Mozambique to Japan. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 1098-1101.	1.4	4

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37	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
38	Correlation between genotypes of tRNA-linked short tandem repeats in <i>Entamoeba nuttalli</i> isolates and the geographical distribution of host rhesus macaques. <i>Parasitology Research</i> , 2014, 113, 367-374.	1.6	8
39	Prevalence and genetic diversity of <i>Entamoeba</i> species infecting macaques in southwest China. <i>Parasitology Research</i> , 2013, 112, 1529-1536.	1.6	30
40	An integrated microfluidic device for rapid serodiagnosis of amebiasis. <i>Biomicrofluidics</i> , 2013, 7, 11101.	2.4	16
41	Prevalence of <i>Entamoeba nuttalli</i> infection in wild rhesus macaques in Nepal and characterization of the parasite isolates. <i>Parasitology International</i> , 2013, 62, 230-235.	1.3	34
42	Seroprevalence of <i>Entamoeba histolytica</i> Infection in China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 97-103.	1.4	36
43	Unique short tandem repeat nucleotide sequences in <i>Entamoeba histolytica</i> isolates from China. <i>Parasitology Research</i> , 2012, 111, 1137-1142.	1.6	16
44	Production of Antibody Fab Fragments in <i>Escherichia coli</i> . <i>Cell Engineering</i> , 2011, , 165-178.	0.4	0
45	Can IgE-mediated allergic diseases be prevented by using allergen-specific IgG antibodies?. <i>Medical Hypotheses</i> , 2011, 76, 271-273.	1.5	0
46	High prevalence of <i>Entamoeba</i> infections in captive long-tailed macaques in China. <i>Parasitology Research</i> , 2011, 109, 1093-1097.	1.6	31
47	Generation of a Neutralizing Human Monoclonal Antibody Fab Fragment to Surface Antigen 1 of <i>Toxoplasma gondii</i> Tachyzoites. <i>Infection and Immunity</i> , 2011, 79, 512-517.	2.2	16
48	Comparison of serine-rich protein genes of <i>Entamoeba histolytica</i> isolates obtained from institutions for the mentally retarded in Kanagawa and Shizuoka Prefectures, Japan. <i>Parasitology Research</i> , 2010, 107, 999-1002.	1.6	4
49	Sudden death caused by chronic Chagas disease in a non-endemic country: Autopsy report. <i>Pathology International</i> , 2010, 60, 235-240.	1.3	17
50	Identification of an avirulent <i>Entamoeba histolytica</i> strain with unique tRNA-linked short tandem repeat markers. <i>Parasitology International</i> , 2010, 59, 75-81.	1.3	39
51	Characterization of <i>Entamoeba histolytica</i> Intermediate Subunit Lectin-Specific Human Monoclonal Antibodies Generated in Transgenic Mice Expressing Human Immunoglobulin Loci. <i>Infection and Immunity</i> , 2009, 77, 549-556.	2.2	15
52	DNA characterization of simian <i>Entamoeba histolytica</i> -like strains to differentiate them from <i>Entamoeba histolytica</i> . <i>Parasitology Research</i> , 2009, 105, 929-937.	1.6	17
53	Isolation and characterization of a potentially virulent species <i>Entamoeba nuttalli</i> from captive Japanese macaques. <i>Parasitology</i> , 2009, 136, 1169-1177.	1.5	51
54	Modification of a human monoclonal antibody Fab fragment specific for <i>Plasmodium falciparum</i> 19-kDa C-terminal merozoite surface protein 1 by site-directed mutagenesis. <i>Parasitology Research</i> , 2008, 103, 429-433.	1.6	1

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55	Production of High-Affinity Human Monoclonal Antibody Fab Fragments to the 19-Kilodalton C-Terminal Merozoite Surface Protein 1 of Plasmodium falciparum. <i>Infection and Immunity</i> , 2007, 75, 3614-3620.	2.2	15
56	Primary structure, expression and localization of two intermediate subunit lectins of <i>Entamoeba dispar</i> that contain multiple CXXC motifs. <i>Parasitology</i> , 2007, 134, 1989-1999.	1.5	9
57	An <i>Entamoeba</i> sp. strain isolated from rhesus monkey is virulent but genetically different from <i>Entamoeba histolytica</i> . <i>Molecular and Biochemical Parasitology</i> , 2007, 153, 107-114.	1.1	61
58	Comparison of <i>Entamoeba histolytica</i> DNA isolated from a cynomolgus monkey with human isolates. <i>Parasitology Research</i> , 2007, 101, 539-546.	1.6	22
59	Seroprevalence of <i>Entamoeba histolytica</i> Infection in HIV-Infected Patients in China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 825-828.	1.4	35
60	Seroprevalence of <i>Entamoeba histolytica</i> infection in HIV-infected patients in China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 825-8.	1.4	17
61	Production of an Anti-Severe Acute Respiratory Syndrome (SARS) Coronavirus Human Monoclonal Antibody Fab Fragment by Using a Combinatorial Immunoglobulin Gene Library Derived from Patients Who Recovered from SARS. <i>Vaccine Journal</i> , 2006, 13, 594-597.	3.1	11
62	<i>Entamoeba histolytica</i> and <i>Entamoeba dispar</i> infections in cynomolgus monkeys imported into Japan for research. <i>Parasitology Research</i> , 2005, 97, 255-257.	1.6	21
63	AXENIC CULTIVATION OF ENTAMOEBA DISPAR IN NEWLY DESIGNED YEAST EXTRACT "IRON" GLUCONIC ACID "DIHYRDOXYACETONE" SERUM MEDIUM. <i>Journal of Parasitology</i> , 2005, 91, 1-4.	0.7	33
64	Evaluation of Recombinant Fragments of <i>Entamoeba histolytica</i> Gal/GalNAc Lectin Intermediate Subunit for Serodiagnosis of Amebiasis. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1069-1074.	3.9	26
65	Improved Affinity of a Human Anti- <i>Entamoeba histolytica</i> Gal/GalNAc Lectin Fab Fragment by a Single Amino Acid Modification of the Light Chain. <i>Vaccine Journal</i> , 2004, 11, 1085-1088.	3.1	9
66	Bacterial Expression of a Human Monoclonal Antibody-Alkaline Phosphatase Conjugate Specific for <i>Entamoeba histolytica</i> . <i>Vaccine Journal</i> , 2004, 11, 216-218.	2.6	11
67	Molecular characterization of peroxiredoxin from <i>Entamoeba moshkovskii</i> and a comparison with <i>Entamoeba histolytica</i> . <i>Molecular and Biochemical Parasitology</i> , 2004, 138, 195-203.	1.1	25
68	VH3 Gene Usage in Neutralizing Human Antibodies Specific for the <i>Entamoeba histolytica</i> Gal/GalNAc Lectin Heavy Subunit. <i>Infection and Immunity</i> , 2003, 71, 4313-4319.	2.2	14
69	High prevalence of infection with <i>Entamoeba dispar</i> , but not <i>E. histolytica</i> , in captive macaques. <i>Parasitology Research</i> , 2001, 87, 14-17.	1.6	37
70	Protection of hamsters from amebic liver abscess formation by immunization with the 150- and 170-kDa surface antigens of <i>Entamoeba histolytica</i> . <i>Parasitology Research</i> , 2001, 87, 126-130.	1.6	26
71	Intermediate Subunit of the Gal/GalNAc Lectin of <i>Entamoeba histolytica</i> Is a Member of a Gene Family Containing Multiple CXXC Sequence Motifs. <i>Infection and Immunity</i> , 2001, 69, 5892-5898.	2.2	75
72	Bacterial Expression of a Human Monoclonal Antibody That Inhibits In Vitro Adherence of <i>Entamoeba histolytica</i> Trophozoites. <i>Archives of Medical Research</i> , 2000, 31, S311-S312.	3.3	1

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73	Molecular Cloning and Characterization of Peroxiredoxin from <i>Entamoeba moshkovskii</i> . Archives of Medical Research, 2000, 31, S65-S66.	3.3	3
74	Cultivation of <i>Entamoeba dispar</i> . Archives of Medical Research, 2000, 31, S210-S211.	3.3	4
75	<i>Entamoeba dispar</i> : Cloning and Characterization of Peroxiredoxin Genes. Experimental Parasitology, 2000, 94, 51-55.	1.2	13
76	<i>Entamoeba histolytica</i> : Bacterial Expression of a Human Monoclonal Antibody Which Inhibits in Vitro Adherence of Trophozoites. Experimental Parasitology, 2000, 96, 52-56.	1.2	8
77	<i>Entamoeba dispar</i> , but not <i>E. histolytica</i> , detected in a colony of chimpanzees in Japan. Parasitology Research, 2000, 86, 537-541.	1.6	30
78	Asymptomatic cyst passers of <i>Entamoeba histolytica</i> but not <i>Entamoeba dispar</i> in institutions for the mentally retarded in Japan. Parasitology International, 2000, 49, 31-35.	1.3	35
79	Protection of hamsters from amebic liver abscess formation by a monoclonal antibody to a 150-kDa surface lectin of <i>Entamoeba histolytica</i> . Parasitology Research, 1999, 85, 78-80.	1.6	16
80	Preparation of Recombinant Human Monoclonal Antibody Fab Fragments Specific for <i>Entamoeba histolytica</i> . Vaccine Journal, 1999, 6, 383-387.	2.6	16
81	<i>Entamoeba dispar</i> : Cultivation with Sterilized <i>Crithidia fasciculata</i> . Journal of Eukaryotic Microbiology, 1998, 45, 3S-8S.	1.7	21
82	Identification of the 150-kDa surface antigen of <i>Entamoeba histolytica</i> as a galactose- and N-acetyl-d-galactosamine-inhibitable lectin. Parasitology Research, 1998, 84, 632-639.	1.6	51
83	Production and characterization of monoclonal antibodies to <i>Acanthamoeba castellanii</i> and their application for detection of pathogenic <i>Acanthamoeba</i> spp. Parasitology International, 1997, 46, 197-205.	1.3	7
84	Differentiation of <i>Entamoeba histolytica</i> from <i>E. dispar</i> facilitated by monoclonal antibodies against a 150-kDa surface antigen. Parasitology Research, 1997, 83, 435-439.	1.6	16
85	Differentiation of <i>Entamoeba histolytica</i> and <i>E. dispar</i> DNA from cysts present in stool specimens by polymerase chain reaction: its field application in the Philippines. Parasitology Research, 1996, 82, 585-589.	1.6	53
86	Brain Abscess due to Infection with <i>Entamoeba Histolytica</i> . American Journal of Tropical Medicine and Hygiene, 1994, 51, 180-182.	1.4	32
87	Analysis of pathogenicity by restriction-endonuclease digestion of amplified genomic DNA of <i>Entamoeba histolytica</i> isolated in Pernambuco, Brazil. Zeitschrift für Parasitenkunde (Berlin, Tj ETQq1 1 0.784634 rgBT 49verloc	1.4	10
88	Epidemiological survey of <i>Trypanosoma cruzi</i> infection in North-Eastern Brazil using different diagnostic methods. Revista Do Instituto De Medicina Tropical De Sao Paulo, 1991, 33, 193-198.	1.1	4
89	Reactivity of Monoclonal Antibodies to Species-Specific Antigens of <i>Entamoeba histolytica</i> . Journal of Protozoology, 1991, 38, 329-334.	0.8	17
90	Protection of <i>Toxoplasma gondii</i> -Infected Mice by Stearylamine-Bearing Liposomes. Journal of Parasitology, 1990, 76, 352.	0.7	23

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91	AMEBIASIS IN INSTITUTIONS FOR THE MENTALLY RETARDED IN KANAGAWA PREFECTURE, JAPAN. Japanese Journal of Medical Science and Biology, 1990, 43, 123-131.	0.4	17
92	AN OUTBREAK OF AMEBIASIS IN AN INSTITUTION FOR THE MENTALLY RETARDED IN JAPAN. Japanese Journal of Medical Science and Biology, 1989, 42, 63-76.	0.4	26
93	Entamoeba histolytica Infection in a Rehabilitation Center for Mentally Retarded Persons in Japan. Scandinavian Journal of Infectious Diseases, 1988, 20, 687-687.	1.5	8
94	Detection of Antibodies against the Glycolipid Fraction of Trypanosoma cruzi in Infected Mice. Journal of Parasitology, 1987, 73, 658.	0.7	12
95	Trypanocidal activity of the stearylamine-bearing liposome. Life Sciences, 1987, 40, 2153-2159.	4.3	34
96	Leishmania braziliensis: Localization of glycoproteins in promastigotes. Experimental Parasitology, 1986, 61, 335-342.	1.2	15
97	Alteration of the cell surface acid phosphatase concomitant with the morphological transformation in Trypanosoma cruzi. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1985, 81, 815-817.	0.2	16
98	Comparative study of blocking effects of various retinoids on the occurrence of permanent proliferation of vaginal epithelium in mice treated neonatally with estrogen.. Endocrinologia Japonica, 1984, 31, 645-650.	0.5	4
99	Amebiasis, an Emerging Disease. , 0, , 197-212.		6