

# Boon Huat Lim

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

677  
citations

686830

13  
h-index

580395

25  
g-index

39  
all docs

39  
docs citations

39  
times ranked

896  
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid DNA biosensor for the molecular diagnosis of infectious disease. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3825-3831.	5.3	91
2	Current progress of immunoinformatics approach harnessed for cellular- and antibody-dependent vaccine design. <i>Pathogens and Global Health</i> , 2018, 112, 123-131.	1.0	80
3	Loop-mediated isothermal amplification (LAMP) reaction as viable PCR substitute for diagnostic applications: a comparative analysis study of LAMP, conventional PCR, nested PCR (nPCR) and real-time PCR (qPCR) based on <i>Entamoeba histolytica</i> DNA derived from faecal sample. <i>BMC Biotechnology</i> , 2020, 20, 34.	1.7	58
4	Specificity and sensitivity of a rapid dipstick test (Brugia Rapid) in the detection of <i>Brugia malayi</i> infection. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2001, 95, 601-604.	0.7	53
5	A recombinant antigen-based IgG4 ELISA for the specific and sensitive detection of <i>Brugia malayi</i> infection. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2001, 95, 280-284.	0.7	40
6	Development of a dry reagent-based triplex PCR for the detection of toxigenic and non-toxigenic <i>Vibrio cholerae</i> . <i>Journal of Medical Microbiology</i> , 2011, 60, 481-485.	0.7	40
7	Development of a thermostabilised triplex LAMP assay with dry-reagent four target lateral flow dipstick for detection of <i>Entamoeba histolytica</i> and non-pathogenic <i>Entamoeba</i> spp.. <i>Analytica Chimica Acta</i> , 2017, 966, 71-80.	2.6	36
8	Application of Real-Time Polymerase Chain Reaction in Detection of <i>Entamoeba histolytica</i> in Pus Aspirates of Liver Abscess Patients. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 637-641.	0.8	31
9	Direct-injection screening for acidic drugs in plasma and neutral drugs in equine urine by differential-gradient LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 848, 292-302.	1.2	24
10	Reverse vaccinology approach for the identification and characterization of outer membrane proteins of <i>Shigella flexneri</i> as potential cellular- and antibody-dependent vaccine candidates. <i>Clinical and Experimental Vaccine Research</i> , 2020, 9, 15.	1.1	23
11	Proteome analysis of excretory-secretory proteins of <i>Entamoeba histolytica</i> HM1:IMSS via LC-ESI-MS/MS and LC-MALDI-TOF/TOF. <i>Clinical Proteomics</i> , 2016, 13, 33.	1.1	19
12	Development of a thermostabilized, one-step, nested, tetraplex PCR assay for simultaneous identification and differentiation of <i>Entamoeba</i> species, <i>Entamoeba histolytica</i> and <i>Entamoeba dispar</i> from stool samples. <i>Journal of Medical Microbiology</i> , 2012, 61, 1219-1225.	0.7	15
13	Detection of <i>Entamoeba histolytica</i> in experimentally induced amoebic liver abscess: comparison of three staining methods. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 61-65.	0.5	13
14	Short communication: Use of a recombinant antigen-based ELISA to determine prevalence of brugian filariasis among Malaysian schoolchildren near Pasir Mas, Kelantan - Thailand border. <i>Tropical Medicine and International Health</i> , 2003, 8, 158-163.	1.0	12
15	Prevalence and risk factors of intestinal helminth infection among rural Malay children. <i>Journal of Global Infectious Diseases</i> , 2012, 4, 10.	0.2	12
16	Analysis of <i>Entamoeba histolytica</i> Excretory-Secretory Antigen and Identification of a New Potential Diagnostic Marker. <i>Vaccine Journal</i> , 2011, 18, 1913-1917.	3.2	11
17	Designing and evaluation of an antibody-targeted chimeric recombinant vaccine encoding <i>Shigella flexneri</i> outer membrane antigens. <i>Infection, Genetics and Evolution</i> , 2020, 80, 104176.	1.0	9
18	Evaluation of <i>Entamoeba histolytica</i> recombinant phosphoglucosyltransferase protein for serodiagnosis of amoebic liver abscess. <i>BMC Infectious Diseases</i> , 2013, 13, 144.	1.3	8

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19	Helminthic Infection and Nutritional Studies among Orang Asli Children in Sekolah Kebangsaan Pos Legap, Perak. Canadian Journal of Infectious Diseases and Medical Microbiology, 2016, 2016, 1-5.	0.7	8
20	Brugia malayi infection in Meriones unguiculatus: antibody response to recombinant BmR1. Experimental Parasitology, 2004, 108, 1-6.	0.5	7
21	Comparison of IgG4 assays using whole parasite extract and BmR1 recombinant antigen in determining antibody prevalence in brugian filariasis. Parasites and Vectors, 2004, 3, 8.	1.3	7
22	Entamoeba histolytica antigenic protein detected in pus aspirates from patients with amoebic liver abscess. Experimental Parasitology, 2013, 134, 504-510.	0.5	7
23	Comparison of Brugia-Elisa and thick blood smear examination in a prevalence study of brugian filariasis in Setiu, Terengganu, Malaysia. Medical Journal of Malaysia, 2001, 56, 491-6.	0.2	7
24	Parallel ELISAs using crude soluble antigen and excretory-secretory antigen for improved serodiagnosis of amoebic liver abscess. Acta Tropica, 2017, 172, 208-212.	0.9	6
25	Neutralizing FGF4 protein in conditioned medium of IL-21-silenced HCT116 cells restores the migratory activity of the colorectal cancer cells. Cytotechnology, 2018, 70, 1363-1374.	0.7	6
26	Parasitic infections in Malaysian aborigines with pulmonary tuberculosis: a comparative cross-sectional study. Parasitology Research, 2019, 118, 2635-2642.	0.6	6
27	Comparison of protein-free defined media, and effect of l-cysteine and ascorbic acid supplementation on viability of axenic Entamoeba histolytica. Parasitology Research, 2011, 108, 425-430.	0.6	5
28	Identification of specific proteins in colorectal cancer patients with Schistosoma mansoni infection as a possible biomarker for the treatment of this infection. Asian Pacific Journal of Tropical Disease, 2014, 4, S720-S724.	0.5	5
29	ABrugia malayi Antigen Specifically Recognized by Infected Individuals. Biochemical and Biophysical Research Communications, 1998, 250, 586-588.	1.0	4
30	Analysis of <i>Entamoeba histolytica</i> Membrane Proteome Using Three Extraction Methods. Proteomics, 2018, 18, e1700397.	1.3	4
31	Filarial Worms in Southeast Asia. , 2013, , 33-56.		3
32	Multiplex real-time PCR revealed very high prevalence of soil-transmitted helminth infections among aborigines in Peninsular Malaysia. Asian Pacific Journal of Tropical Medicine, 2020, 13, 550.	0.4	3
33	Clusterin mRNA silencing reduces cell proliferation, inhibits cell migration, and increases <i>CCL5</i> expression in SW480, SW620, and Caco2 cells. Biyokimya Dergisi, 2022, 47, 297-307.	0.1	1
34	Discovery of Trichuris landak n. sp. by Endang Purwaningsih. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 314.	0.5	0
35	Rapid diagnosis of amoebic liver abscess using recombinant Entamoeba histolytica pyruvate phosphate dikinase. Asian Pacific Journal of Tropical Disease, 2014, 4, 225.	0.5	0
36	Entamoeba histolytica acetyl-CoA synthetase: biomarker of acute amoebic liver abscess. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, 446-450.	0.5	0

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37	AP4 Transcription Factor Binding Site is a Repressor Element in ek2 Promoter of Human Liver Carcinoma Cell Line, HepG2. Sains Malaysiana, 2017, 46, 1887-1893.	0.3	0