

Kevin Shyong Wei Tan

List of Publications by Year in descending order

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12912
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#	ARTICLE	IF	CITATIONS
1	Interactions between Blastocystis subtype ST4 and gut microbiota in vitro. <i>Parasites and Vectors</i> , 2022, 15, 80.	2.5	14
2	Experimental colonization with Blastocystis ST4 is associated with protective immune responses and modulation of gut microbiome in a DSS-induced colitis mouse model. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 245.	5.4	25
3	New insights into the interactions between Blastocystis, the gut microbiota, and host immunity. <i>PLoS Pathogens</i> , 2021, 17, e1009253.	4.7	76
4	Prevalence and molecular subtyping of Blastocystis in patients with <i>Clostridium difficile</i> infection, Singapore. <i>Parasites and Vectors</i> , 2021, 14, 277.	2.5	11
5	Combination Treatment With Remdesivir and Ivermectin Exerts Highly Synergistic and Potent Antiviral Activity Against Murine Coronavirus Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 700502.	3.9	18
6	The roles of parasite-derived extracellular vesicles in disease and host-parasite communication. <i>Parasitology International</i> , 2021, 83, 102373.	1.3	16
7	Characterisation of novel functionality within the Blastocystis tryptophanase gene. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009730.	3.0	2
8	High-Content Phenotypic Screen of a Focused TCAMS Drug Library Identifies Novel Disruptors of the Malaria Parasite Calcium Dynamics. <i>ACS Chemical Biology</i> , 2021, 16, 2348-2372.	3.4	4
9	Antimalarial <i>N</i> ¹ , <i>N</i> ³ -Dialkyldioxonaphthoimidazoliums: Synthesis, Biological Activity, and Structure-activity Relationships. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 49-55.	2.8	12
10	Taming the Sentinels: Microbiome-Derived Metabolites and Polarization of T Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7740.	4.1	12
11	Blastocystis. <i>Trends in Parasitology</i> , 2020, 36, 315-316.	3.3	63
12	Robust continuous in vitro culture of the <i>Plasmodium cynomolgi</i> erythrocytic stages. <i>Nature Communications</i> , 2019, 10, 3635.	12.8	39
13	Interactions between a pathogenic Blastocystis subtype and gut microbiota: in vitro and in vivo studies. <i>Microbiome</i> , 2019, 7, 30.	11.1	99
14	Viability Screen of LOPAC ¹²⁸⁰ Reveals Tyrosine Kinase Inhibitor Tyrphostin A9 as a Novel Partner Drug for Artesunate Combinations To Target the <i>Plasmodium falciparum</i> Ring Stage. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	2
15	Successful Genetic Transfection of the Colonic Protistan Parasite Blastocystis for Reliable Expression of Ectopic Genes. <i>Scientific Reports</i> , 2019, 9, 3159.	3.3	2
16	Targeted Phenotypic Screening in <i>Plasmodium falciparum</i> and <i>Toxoplasma gondii</i> Reveals Novel Modes of Action of Medicines for Malaria Venture Malaria Box Molecules. <i>MSphere</i> , 2018, 3, .	2.9	30
17	High-Content Screening of the Medicines for Malaria Venture Pathogen Box for <i>Plasmodium falciparum</i> Digestive Vacuole-Disrupting Molecules Reveals Valuable Starting Points for Drug Discovery. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	21
18	Near Infrared Fluorophore-Tagged Chloroquine in <i>Plasmodium falciparum</i> Diagnostic Imaging. <i>Molecules</i> , 2018, 23, 2635.	3.8	3

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19	Membrane Surface Features of Blastocystis Subtypes. <i>Genes</i> , 2018, 9, 417.	2.4	8
20	Viability Screen of LOPAC ¹²⁸⁰ Reveals Phosphorylation Inhibitor Auranofin as a Potent Inhibitor of Blastocystis Subtype 1, 4, and 7 Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	6
21	Imaging flow cytometry for the screening of compounds that disrupt the Plasmodium falciparum digestive vacuole. <i>Methods</i> , 2017, 112, 211-220.	3.8	10
22	Proteogenomic Insights into the Intestinal Parasite <i>Blastocystis</i> sp. Subtype 4 Isolate WR1. <i>Proteomics</i> , 2017, 17, 1700211.	2.2	5
23	Strict tropism for CD71+/CD234+ human reticulocytes limits the zoonotic potential of Plasmodium cynomolgi. <i>Blood</i> , 2017, 130, 1357-1363.	1.4	27
24	Ex Vivo and In Vivo Mice Models to Study Blastocystis spp. Adhesion, Colonization and Pathology: Closer to Proving Koch's Postulates. <i>PLoS ONE</i> , 2016, 11, e0160458.	2.5	21
25	Blastocystis Isolate B Exhibits Multiple Modes of Resistance against Antimicrobial Peptide LL-37. <i>Infection and Immunity</i> , 2016, 84, 2220-2232.	2.2	15
26	Pathogenic mechanisms in Blastocystis spp. – Interpreting results from in vitro and in vivo studies. <i>Parasitology International</i> , 2016, 65, 772-779.	1.3	111
27	Overcoming Chloroquine Resistance in Malaria: Design, Synthesis, and Structure-Activity Relationships of Novel Hybrid Compounds. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3076-3089.	3.2	11
28	A Basis for Rapid Clearance of Circulating Ring-Stage Malaria Parasites by the Spiroindolone KAE609. <i>Journal of Infectious Diseases</i> , 2016, 213, 100-104.	4.0	35
29	Screening for Drugs Against the Plasmodium falciparum Digestive Vacuole by Imaging Flow Cytometry. <i>Methods in Molecular Biology</i> , 2016, 1389, 195-205.	0.9	3
30	Plasmodium vivax: restricted tropism and rapid remodeling of CD71-positive reticulocytes. <i>Blood</i> , 2015, 125, 1314-1324.	1.4	157
31	Haem-activated promiscuous targeting of artemisinin in Plasmodium falciparum. <i>Nature Communications</i> , 2015, 6, 10111.	12.8	486
32	Draft genome sequence of the intestinal parasite Blastocystis subtype 4-isolate WR1. <i>Genomics Data</i> , 2015, 4, 22-23.	1.3	27
33	Seeing the Whole Elephant: Imaging Flow Cytometry Reveals Extensive Morphological Diversity within Blastocystis Isolates. <i>PLoS ONE</i> , 2015, 10, e0143974.	2.5	10
34	Microbial hara-kiri: Exploiting lysosomal cell death in malaria parasites. <i>Microbial Cell</i> , 2015, 2, 57-58.	3.2	1
35	The lysosomotropic drug LeuLeu-OMe induces lysosome disruption and autophagy-independent cell death in Trypanosoma brucei. <i>Microbial Cell</i> , 2015, 2, 288-298.	3.2	11
36	Pleiotropic Effects of Blastocystis spp. Subtypes 4 and 7 on Ligand-Specific Toll-Like Receptor Signaling and NF- κ B Activation in a Human Monocyte Cell Line. <i>PLoS ONE</i> , 2014, 9, e89036.	2.5	24

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37	Cell Biology of Pathogenic Protozoa and Their Interaction with Host Cells. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	1
38	Artesunate Induces Cell Death in Human Cancer Cells via Enhancing Lysosomal Function and Lysosomal Degradation of Ferritin. <i>Journal of Biological Chemistry</i> , 2014, 289, 33425-33441.	3.4	128
39	Differential Regulation of Proinflammatory Cytokine Expression by Mitogen-Activated Protein Kinases in Macrophages in Response to Intestinal Parasite Infection. <i>Infection and Immunity</i> , 2014, 82, 4789-4801.	2.2	63
40	A High-Content Phenotypic Screen Reveals the Disruptive Potency of Quinacrine and 3- <i>nitro</i> -4-chlorobenzamide on the Digestive Vacuole of <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 550-558.	3.2	23
41	Intra-Subtype Variation in Enteroadhesion Accounts for Differences in Epithelial Barrier Disruption and Is Associated with Metronidazole Resistance in Blastocystis Subtype-7. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2885.	3.0	62
42	Strain-Dependent Induction of Human Enterocyte Apoptosis by Blastocystis Disrupts Epithelial Barrier and ZO-1 Organization in a Caspase 3- and 9-Dependent Manner. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	18
43	Interferons and Interferon Regulatory Factors in Malaria. <i>Mediators of Inflammation</i> , 2014, 2014, 1-21.	3.0	30
44	Characterization of the Commercially-Available Fluorescent Chloroquine-BODIPY Conjugate, LynxTag-CQGREEN, as a Marker for Chloroquine Resistance and Uptake in a 96-Well Plate Assay. <i>PLoS ONE</i> , 2014, 9, e110800.	2.5	5
45	Life Cycle-Dependent Cytoskeletal Modifications in <i>Plasmodium falciparum</i> Infected Erythrocytes. <i>PLoS ONE</i> , 2013, 8, e61170.	2.5	59
46	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
47	Characterization of two cysteine proteases secreted by Blastocystis ST7, a human intestinal parasite. <i>Parasitology International</i> , 2012, 61, 437-442.	1.3	46
48	Statin pleiotropy prevents rho kinase-mediated intestinal epithelial barrier compromise induced by Blastocystis cysteine proteases. <i>Cellular Microbiology</i> , 2012, 14, 1474-1484.	2.1	60
49	Genome sequence of the stramenopile Blastocystis, a human anaerobic parasite. <i>Genome Biology</i> , 2011, 12, R29.	9.6	159
50	A Rapid, High-Throughput Viability Assay for Blastocystis spp. Reveals Metronidazole Resistance and Extensive Subtype-Dependent Variations in Drug Susceptibilities. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 637-648.	3.2	64
51	A Metronidazole-Resistant Isolate of Blastocystis spp. Is Susceptible to Nitric Oxide and Downregulates Intestinal Epithelial Inducible Nitric Oxide Synthase by a Novel Parasite Survival Mechanism. <i>Infection and Immunity</i> , 2011, 79, 5019-5026.	2.2	42
52	Current Views on the Clinical Relevance of Blastocystis spp.. <i>Current Infectious Disease Reports</i> , 2010, 12, 28-35.	3.0	166
53	Blastocystis Legumain Is Localized on the Cell Surface, and Specific Inhibition of Its Activity Implicates a Pro-survival Role for the Enzyme. <i>Journal of Biological Chemistry</i> , 2010, 285, 1790-1798.	3.4	37
54	Staurosporine-induced programmed cell death in Blastocystis occurs independently of caspases and cathepsins and is augmented by calpain inhibition. <i>Microbiology (United Kingdom)</i> , 2010, 156, 1284-1293.	1.8	19

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55	Autophagy is involved in starvation response and cell death in Blastocystis. Microbiology (United Kingdom), 2010, 150, 33-43.	1.8	20
56	Automatic cell classification and population estimation in blastocystis autophagy images. , 2010, , .		0
57	Predominance of subtype 3 among Blastocystis isolates from a major hospital in Singapore. Parasitology Research, 2008, 102, 663-670.	1.6	126
58	Complete circular DNA in the mitochondria-like organelles of Blastocystis hominis. International Journal for Parasitology, 2008, 38, 1377-1382.	3.1	56
59	New Insights on Classification, Identification, and Clinical Relevance of <i>Blastocystis</i> spp. Clinical Microbiology Reviews, 2008, 21, 639-665.	13.6	552
60	<i>Blastocystis ratti</i> Contains Cysteine Proteases That Mediate Interleukin-8 Response from Human Intestinal Epithelial Cells in an NF- κ B-Dependent Manner. Eukaryotic Cell, 2008, 7, 435-443.	3.4	103
61	Biochemical characterization of a mitochondrial-like organelle from Blastocystis sp. subtype 7. Microbiology (United Kingdom), 2008, 154, 2757-2766.	1.8	51
62	Terminology for Blastocystis subtypes – a consensus. Trends in Parasitology, 2007, 23, 93-96.	3.3	332
63	Blastocystis ratti Induces Contact-Independent Apoptosis, F-Actin Rearrangement, and Barrier Function Disruption in IEC-6 Cells. Infection and Immunity, 2006, 74, 4114-4123.	2.2	90
64	Degradation of human secretory immunoglobulin A by Blastocystis. Parasitology Research, 2005, 97, 386-389.	1.6	91
65	Continuous force-displacement relationships for the human red blood cell at different erythrocytic developmental stages of Plasmodium falciparum malaria parasite. Materials Research Society Symposia Proceedings, 2004, 844, 1.	0.1	2
66	Metronidazole induces programmed cell death in the protozoan parasite Blastocystis hominis. Microbiology (United Kingdom), 2004, 150, 33-43.	1.8	68
67	Do Blastocystis hominis colony forms undergo programmed cell death?. Parasitology Research, 2001, 87, 362-367.	1.6	30
68	Colony growth as a step towards axenization of Blastocystis isolates. Parasitology Research, 1999, 85, 678-679.	1.6	13
69	Changes in Gut Microbiota Composition Associated with the Presence of Enteric Protist <i>Blastocystis</i> in Captive Forest Musk Deer (<i>Moschus Berezovskii</i>). Microbiology Spectrum, 0, , .	3.0	1