

Wai-Hong Tham

List of Publications by Year in descending order

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77
papers

4,704
citations

117625

34
h-index

110387

64
g-index

90
all docs

90
docs citations

90
times ranked

5696
citing authors

#	ARTICLE	IF	CITATIONS
1	Humoral and circulating follicular helper T cell responses in recovered patients with COVID-19. <i>Nature Medicine</i> , 2020, 26, 1428-1434.	30.7	400
2	A Genome-Wide Screen Identifies Genes Required for Centromeric Cohesion. <i>Science</i> , 2004, 303, 1367-1370.	12.6	252
3	Revealing the Sequence and Resulting Cellular Morphology of Receptor-Ligand Interactions during <i>Plasmodium falciparum</i> Invasion of Erythrocytes. <i>PLoS Pathogens</i> , 2015, 11, e1004670.	4.7	246
4	The Molecular Basis of Erythrocyte Invasion by Malaria Parasites. <i>Cell Host and Microbe</i> , 2017, 22, 232-245.	11.0	242
5	Structure-function analysis of the tobacco mosaic virus resistance gene N. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 14789-14794.	7.1	237
6	Alveolins, a New Family of Cortical Proteins that Define the Protist Infrakingdom Alveolata. <i>Molecular Biology and Evolution</i> , 2008, 25, 1219-1230.	8.9	184
7	Complement receptor 1 is the host erythrocyte receptor for <i>Plasmodium falciparum</i> PfRh4 invasion ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17327-17332.	7.1	182
8	Essential Role of the PfRh5/PfRipr/CyRPA Complex during <i>Plasmodium falciparum</i> Invasion of Erythrocytes. <i>Cell Host and Microbe</i> , 2016, 20, 60-71.	11.0	170
9	Transferrin receptor 1 is a reticulocyte-specific receptor for <i>Plasmodium vivax</i> . <i>Science</i> , 2018, 359, 48-55.	12.6	158
10	Transcriptional silencing at <i>Saccharomyces</i> telomeres: implications for other organisms. <i>Oncogene</i> , 2002, 21, 512-521.	5.9	152
11	Erythrocyte and reticulocyte binding-like proteins of <i>Plasmodium falciparum</i> . <i>Trends in Parasitology</i> , 2012, 28, 23-30.	3.3	148
12	The FK506 Binding Protein Fpr3 Counteracts Protein Phosphatase 1 to Maintain Meiotic Recombination Checkpoint Activity. <i>Cell</i> , 2005, 122, 861-873.	28.9	137
13	Reticulocyte and Erythrocyte Binding-Like Proteins Function Cooperatively in Invasion of Human Erythrocytes by Malaria Parasites. <i>Infection and Immunity</i> , 2011, 79, 1107-1117.	2.2	132
14	An EGF-like Protein Forms a Complex with PfRh5 and Is Required for Invasion of Human Erythrocytes by <i>Plasmodium falciparum</i> . <i>PLoS Pathogens</i> , 2011, 7, e1002199.	4.7	130
15	Nanobody cocktails potently neutralize SARS-CoV-2 D614G N501Y variant and protect mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	109
16	A Novel Family of Apicomplexan Glideosome-associated Proteins with an Inner Membrane-anchoring Role. <i>Journal of Biological Chemistry</i> , 2009, 284, 25353-25363.	3.4	105
17	Dual Plasmepsin-Targeting Antimalarial Agents Disrupt Multiple Stages of the Malaria Parasite Life Cycle. <i>Cell Host and Microbe</i> , 2020, 27, 642-658.e12.	11.0	94
18	Recruitment of Factor H as a Novel Complement Evasion Strategy for Blood-Stage <i>Plasmodium falciparum</i> Infection. <i>Journal of Immunology</i> , 2016, 196, 1239-1248.	0.8	90

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19	Development and validation of serological markers for detecting recent <i>Plasmodium vivax</i> infection. <i>Nature Medicine</i> , 2020, 26, 741-749.	30.7	90
20	Localization of Yeast Telomeres to the Nuclear Periphery Is Separable from Transcriptional Repression and Telomere Stability Functions. <i>Molecular Cell</i> , 2001, 8, 189-199.	9.7	75
21	Structure of <i>Plasmodium falciparum</i> Rh5-CyRPA-Ripr invasion complex. <i>Nature</i> , 2019, 565, 118-121.	27.8	74
22	Antibodies to Reticulocyte Binding Protein-Like Homologue 4 Inhibit Invasion of <i>Plasmodium falciparum</i> into Human Erythrocytes. <i>Infection and Immunity</i> , 2009, 77, 2427-2435.	2.2	65
23	Identification of highly-protective combinations of <i>Plasmodium vivax</i> recombinant proteins for vaccine development. <i>ELife</i> , 2017, 6, .	6.0	64
24	<i>Plasmodium falciparum</i> ligand binding to erythrocytes induce alterations in deformability essential for invasion. <i>ELife</i> , 2017, 6, .	6.0	57
25	Reticulocyte binding protein homologues are key adhesins during erythrocyte invasion by <i>Plasmodium falciparum</i> . <i>Cellular Microbiology</i> , 2009, 11, 1671-1687.	2.1	56
26	<i>Plasmodium vivax</i> Reticulocyte Binding Proteins Are Key Targets of Naturally Acquired Immunity in Young Papua New Guinean Children. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005014.	3.0	56
27	The <i>Plasmodium falciparum</i> Erythrocyte Invasion Ligand Pfrh4 as a Target of Functional and Protective Human Antibodies against Malaria. <i>PLoS ONE</i> , 2012, 7, e45253.	2.5	51
28	Evolutionary history of human <i>Plasmodium vivax</i> revealed by genome-wide analyses of related ape parasites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8450-E8459.	7.1	50
29	<i>Plasmodium vivax</i> vaccine research “we’ve only just begun. <i>International Journal for Parasitology</i> , 2017, 47, 111-118.	3.1	49
30	<i>Plasmodium falciparum</i> uses a key functional site in complement receptor type-1 for invasion of human erythrocytes. <i>Blood</i> , 2011, 118, 1923-1933.	1.4	48
31	More than just immune evasion: Hijacking complement by <i>Plasmodium falciparum</i> . <i>Molecular Immunology</i> , 2015, 67, 71-84.	2.2	44
32	Structurally conserved erythrocyte-binding domain in <i>Plasmodium</i> provides a versatile scaffold for alternate receptor engagement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E191-200.	7.1	43
33	Cryo-EM structure of an essential <i>Plasmodium vivax</i> invasion complex. <i>Nature</i> , 2018, 559, 135-139.	27.8	43
34	<i>Plasmodium falciparum</i> Adhesins Play an Essential Role in Signalling and Activation of Invasion into Human Erythrocytes. <i>PLoS Pathogens</i> , 2015, 11, e1005343.	4.7	41
35	Asymptomatic <i>Plasmodium vivax</i> infections induce robust IgG responses to multiple blood-stage proteins in a low-transmission region of western Thailand. <i>Malaria Journal</i> , 2017, 16, 178.	2.3	36
36	Complement in malaria immunity and vaccines. <i>Immunological Reviews</i> , 2020, 293, 38-56.	6.0	36

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37	Landscape of human antibody recognition of the SARS-CoV-2 receptor binding domain. <i>Cell Reports</i> , 2021, 37, 109822.	6.4	35
38	Neutralising antibodies block the function of Rh5/Ripr/CyRPA complex during invasion of <i>Plasmodium falciparum</i> into human erythrocytes. <i>Cellular Microbiology</i> , 2019, 21, e13030.	2.1	34
39	<i>Plasmodium vivax</i> Reticulocyte Binding Proteins for invasion into reticulocytes. <i>Cellular Microbiology</i> , 2020, 22, e13110.	2.1	34
40	Simultaneous evaluation of antibodies that inhibit SARS-CoV-2 variants via multiplex assay. <i>JCI Insight</i> , 2021, 6, .	5.0	33
41	Using Mutagenesis and Structural Biology to Map the Binding Site for the <i>Plasmodium falciparum</i> Merozoite Protein PfRh4 on the Human Immune Adherence Receptor. <i>Journal of Biological Chemistry</i> , 2014, 289, 450-463.	3.4	30
42	Gene Models, Expression Repertoire, and Immune Response of <i>Plasmodium vivax</i> Reticulocyte Binding Proteins. <i>Infection and Immunity</i> , 2016, 84, 677-685.	2.2	30
43	Antibody responses to <i>Plasmodium vivax</i> Duffy binding and Erythrocyte binding proteins predict risk of infection and are associated with protection from clinical Malaria. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006987.	3.0	29
44	Identification of basic transcriptional elements required for rif gene transcription. <i>International Journal for Parasitology</i> , 2007, 37, 605-615.	3.1	27
45	Recruitment of Human C1 Esterase Inhibitor Controls Complement Activation on Blood Stage <i>Plasmodium falciparum</i> Merozoites. <i>Journal of Immunology</i> , 2017, 198, 4728-4737.	0.8	26
46	<i>Plasmodium vivax</i> binds host CD98hc (SLC3A2) to enter immature red blood cells. <i>Nature Microbiology</i> , 2021, 6, 991-999.	13.3	26
47	Lack of Evidence from Studies of Soluble Protein Fragments that Knops Blood Group Polymorphisms in Complement Receptor-Type 1 Are Driven by Malaria. <i>PLoS ONE</i> , 2012, 7, e34820.	2.5	25
48	ANTIBODY RECOGNITION OF HETEROLOGOUS VARIANT SURFACE ANTIGENS AFTER A SINGLE PLASMODIUM FALCIPARUM INFECTION IN PREVIOUSLY NAÏVE ADULTS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 860-864.	1.4	25
49	Surface area-to-volume ratio, not cellular viscoelasticity, is the major determinant of red blood cell traversal through small channels. <i>Cellular Microbiology</i> , 2021, 23, e13270.	2.1	22
50	Antibodies to <i>Plasmodium vivax</i> reticulocyte binding protein 2b are associated with protection against <i>P. vivax</i> malaria in populations living in low malaria transmission regions of Brazil and Thailand. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007596.	3.0	18
51	A comparison of non-magnetic and magnetic beads for measuring IgG antibodies against <i>Plasmodium vivax</i> antigens in a multiplexed bead-based assay using Luminex technology (Bio-Plex 200 or MAGPIX). <i>PLoS ONE</i> , 2020, 15, e0238010.	2.5	15
52	Complement Receptor 1 availability on red blood cell surface modulates <i>Plasmodium vivax</i> invasion of human reticulocytes. <i>Scientific Reports</i> , 2019, 9, 8943.	3.3	14
53	Telomeric tethers. <i>Nature</i> , 2000, 403, 34-35.	27.8	12
54	Characterization of Inhibitors and Monoclonal Antibodies That Modulate the Interaction between <i>Plasmodium falciparum</i> Adhesin PfRh4 with Its Erythrocyte Receptor Complement Receptor 1. <i>Journal of Biological Chemistry</i> , 2015, 290, 25307-25321.	3.4	12

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55	Evaluation of 4-Amino 2-Anilinoquinazolines against <i>Plasmodium</i> and Other Apicomplexan Parasites <i>In Vitro</i> and in a <i>P. falciparum</i> Humanized NOD- <i>scid</i> IL2R ³ Mouse Model of Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	12
56	A master lock for deadly parasites. <i>Nature</i> , 2015, 522, 158-159.	27.8	10
57	Application of 23 Novel Serological Markers for Identifying Recent Exposure to <i>Plasmodium vivax</i> Parasites in an Endemic Population of Western Thailand. <i>Frontiers in Microbiology</i> , 2021, 12, 643501.	3.5	9
58	Basis for drug selectivity of plasmepsin IX and X inhibition in <i>Plasmodium falciparum</i> and <i>vivax</i> . <i>Structure</i> , 2022, 30, 947-961.e6.	3.3	9
59	Nanobody generation and structural characterization of <i>Plasmodium falciparum</i> 6-cysteine protein Pf12p. <i>Biochemical Journal</i> , 2021, 478, 579-595.	3.7	8
60	IgG Antibody Responses Are Preferential Compared With IgM for Use as Serological Markers for Detecting Recent Exposure to <i>Plasmodium vivax</i> Infection. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab228.	0.9	8
61	Naturally acquired antibody kinetics against <i>Plasmodium vivax</i> antigens in people from a low malaria transmission region in western Thailand. <i>BMC Medicine</i> , 2022, 20, 89.	5.5	7
62	<i>Plasmodium</i> 6-Cysteine Proteins: Functional Diversity, Transmission-Blocking Antibodies and Structural Scaffolds. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	7
63	Transcription and coregulation of multigene families in <i>Plasmodium falciparum</i> . <i>Trends in Parasitology</i> , 2007, 23, 183-186.	3.3	6
64	Naturally acquired blocking human monoclonal antibodies to <i>Plasmodium vivax</i> reticulocyte binding protein 2b. <i>Nature Communications</i> , 2021, 12, 1538.	12.8	6
65	<i>Plasmodium vivax</i> malaria serological exposure markers: Assessing the degree and implications of cross-reactivity with <i>P. knowlesi</i> . <i>Cell Reports Medicine</i> , 2022, 3, 100662.	6.5	6
66	Structure of the Pf12 and Pf41 heterodimeric complex of <i>Plasmodium falciparum</i> 6-cysteine proteins. <i>FEMS Microbes</i> , 2022, 3, xtac005.	2.1	5
67	Multimodal imaging reveals membrane skeleton reorganisation during reticulocyte maturation and differences in dimple and rim regions of mature erythrocytes. <i>Journal of Structural Biology: X</i> , 2022, 6, 100056.	1.3	2
68	Comparison of total immunoglobulin G antibody responses to different protein fragments of <i>Plasmodium vivax</i> Reticulocyte binding protein 2b. <i>Malaria Journal</i> , 2022, 21, 71.	2.3	2
69	Complement Evasion Mechanisms of the Human Pathogen <i>Plasmodium falciparum</i> . , 2018, , 107-124.		1
70	Transcriptional silencing at <i>Saccharomyces</i> telomeres: implications for other organisms. , 0, .		1
71	Editorial: Molecular Approaches to Malaria, 2016. <i>International Journal for Parasitology</i> , 2017, 47, 75.	3.1	0
72	Title is missing!. , 2020, 15, e0238010.		0

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73	Title is missing!. , 2020, 15, e0238010.		0
74	Title is missing!. , 2020, 15, e0238010.		0
75	Title is missing!. , 2020, 15, e0238010.		0
76	Title is missing!. , 2020, 15, e0238010.		0
77	Title is missing!. , 2020, 15, e0238010.		0