Jetsumon Sattabongkot

List of Publications by Year
in descending order

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268	11,147	29994	51492
papers	citations	54 h-index	86 g-index

283	283	283	8034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Worldwide Map ofPlasmodium falciparumK13-Propeller Polymorphisms. New England Journal of Medicine, 2016, 374, 2453-2464.	13.9	449
2	Imaging of Plasmodium Liver Stages to Drive Next-Generation Antimalarial Drug Discovery. Science, 2011, 334, 1372-1377.	6.0	308
3	Detection of Four Plasmodium Species by Genus- and Species-Specific Loop-Mediated Isothermal Amplification for Clinical Diagnosis. Journal of Clinical Microbiology, 2007, 45, 2521-2528.	1.8	248
4	Malaria in the Greater Mekong Subregion: Heterogeneity and complexity. Acta Tropica, 2012, 121, 227-239.	0.9	219
5	Phase 1 vaccine trial of Pvs25H: a transmission blocking vaccine for Plasmodium vivax malaria. Vaccine, 2005, 23, 3131-3138.	1.7	206
6	Wheat Germ Cell-Free System-Based Production of Malaria Proteins for Discovery of Novel Vaccine Candidates. Infection and Immunity, 2008, 76, 1702-1708.	1.0	203
7	Population genomics studies identify signatures of global dispersal and drug resistance in Plasmodium vivax. Nature Genetics, 2016, 48, 953-958.	9.4	194
8	Plasmodium vivax Liver Stage Development and Hypnozoite Persistence in Human Liver-Chimeric Mice. Cell Host and Microbe, 2015, 17, 526-535.	5.1	188
9	ESTABLISHMENT OF A HUMAN HEPATOCYTE LINE THAT SUPPORTS IN VITRO DEVELOPMENT OF THE EXO-ERYTHROCYTIC STAGES OF THE MALARIA PARASITES PLASMODIUM FALCIPARUM AND P. VIVAX. American Journal of Tropical Medicine and Hygiene, 2006, 74, 708-715.	0.6	178
10	The Deformability of Red Blood Cells Parasitized byPlasmodium falciparumandP. vivax. Journal of Infectious Diseases, 2004, 189, 190-194.	1.9	162
11	Plasmodium vivax Invasion of Human Erythrocytes Inhibited by Antibodies Directed against the Duffy Binding Protein. PLoS Medicine, 2007, 4, e337.	3.9	161
12	Comparison of PCR and microscopy for the detection of asymptomatic malaria in a Plasmodium falciparum/vivax endemic area in Thailand. Malaria Journal, 2006, 5, 121.	0.8	132
13	Comparison of field and expert laboratory microscopy for active surveillance for asymptomatic Plasmodium falciparum and Plasmodium vivax in western Thailand.. American Journal of Tropical Medicine and Hygiene, 2002, 67, 141-144.	0.6	125
14	Plasmodium vivax transmission: chances for control?. Trends in Parasitology, 2004, 20, 192-198.	1.5	122
15	KAF156 Is an Antimalarial Clinical Candidate with Potential for Use in Prophylaxis, Treatment, and Prevention of Disease Transmission. Antimicrobial Agents and Chemotherapy, 2014, 58, 5060-5067.	1.4	122
16	Infectivity of AsymptomaticPlasmodium-Infected Human Populations toAnopheles dirusMosquitoes in Western Thailand. Journal of Medical Entomology, 2004, 41, 201-208.	0.9	120
17	InÂVitro Culture, Drug Sensitivity, and Transcriptome of Plasmodium Vivax Hypnozoites. Cell Host and Microbe, 2018, 23, 395-406.e4.	5.1	118
18	GENETIC DIVERSITY AND MULTIPLE INFECTIONS OF PLASMODIUM VIVAX MALARIA IN WESTERN THAILAND. American Journal of Tropical Medicine and Hygiene, 2003, 68, 613-619.	0.6	117

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19	Plasmodium falciparum Gametocyte Development 1 (Pfgdv1) and Gametocytogenesis Early Gene Identification and Commitment to Sexual Development. PLoS Pathogens, 2012, 8, e1002964.	2.1	115
20	Comparative evaluation of selected diagnostic assays for the detection of IgG and IgM antibody to Orientia tsutsugamushi in Thailand.. American Journal of Tropical Medicine and Hygiene, 2002, 67, 497-503.	0.6	113
21	Establishment of a human hepatocyte line that supports in vitro development of the exo-erythrocytic stages of the malaria parasites Plasmodium falciparum and P. vivax. American Journal of Tropical Medicine and Hygiene, 2006, 74, 708-15.	0.6	104
22	Regulation and trafficking of three distinct 18 S ribosomal RNAs during development of the malaria parasite. Journal of Molecular Biology, 1997, 269, 203-213.	2.0	103
23	Phase 1/2a Trial of Plasmodium vivax Malaria Vaccine Candidate VMP001/AS01B in Malaria-Naive Adults: Safety, Immunogenicity, and Efficacy. PLoS Neglected Tropical Diseases, 2016, 10, e0004423.	1.3	97
24	Development and Evaluation of an Enzyme-Linked Immunosorbent Assay for Plasmodium vivax-VK247 Sporozoites. Journal of Medical Entomology, 1992, 29, 854-857.	0.9	96
25	Simple In Vitro Assay for Determining the Sensitivity of Plasmodium vivax Isolates from Fresh Human Blood to Antimalarials in Areas where P. vivax Is Endemic. Antimicrobial Agents and Chemotherapy, 2003, 47, 170-173.	1.4	95
26	Structural and Immunological Characterization of Recombinant 6-Cysteine Domains of the Plasmodium falciparum Sexual Stage Protein Pfs230. Journal of Biological Chemistry, 2016, 291, 19913-19922.	1.6	91
27	Sensitive and accurate quantification of human malaria parasites using droplet digital PCR (ddPCR). Scientific Reports, 2016, 6, 39183.	1.6	90
28	Development and validation of serological markers for detecting recent Plasmodium vivax infection. Nature Medicine, 2020, 26, 741-749.	15.2	90
29	Transmission-blocking activity induced by malaria vaccine candidates Pfs25/Pvs25 is a direct and predictable function of antibody titer. Malaria Journal, 2007, 6, 107.	0.8	89
30	A rapid and scalable density gradient purification method for Plasmodium sporozoites. Malaria Journal, 2012, 11, 421.	0.8	87
31	â€˜Naturalâ€™ T cells responsive to malaria: evidence implicating immunological cross-reactivity in the maintenance of TCRÎ±Î²+ malaria-specific responses from non-exposed donors. International Immunology, 1992, 4, 985-994.	1.8	85
32	N-Terminal Prodomain of Pfs230 Synthesized Using a Cell-Free System Is Sufficient To Induce Complement-Dependent Malaria Transmission-Blocking Activity. Vaccine Journal, 2011, 18, 1343-1350.	3.2	82
33	Submicroscopic and asymptomatic Plasmodium falciparum and Plasmodium vivax infections are common in western Thailand - molecular and serological evidence. Malaria Journal, 2015, 14, 95.	0.8	82
34	SPATIO-TEMPORAL DISTRIBUTION OF PLASMODIUM FALCIPARUM AND P. VIVAX MALARIA IN THAILAND. American Journal of Tropical Medicine and Hygiene, 2005, 72, 256-262.	0.6	82
35	Plasmodium vivax parasites alter the balance of myeloid and plasmacytoid dendritic cells and the induction of regulatory T cells. European Journal of Immunology, 2008, 38, 2697-2705.	1.6	81
36	Transmission-Blocking Activities of Quinine, Primaquine, and Artesunate. Antimicrobial Agents and Chemotherapy, 2006, 50, 1927-1930.	1.4	80

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37	Cultivation of Plasmodium vivax. Trends in Parasitology, 2008, 24, 85-88.	1.5	80
38	Infectivity of symptomatic and asymptomatic Plasmodium vivax infections to a Southeast Asian vector, Anopheles dirus. International Journal for Parasitology, 2017, 47, 163-170.	1.3	76
39	Evaluation of Loop-Mediated Isothermal Amplification (LAMP) for Malaria Diagnosis in a Field Setting. American Journal of Tropical Medicine and Hygiene, 2011, 85, 594-596.	0.6	73
40	Proteogenomic analysis of the total and surface-exposed proteomes of Plasmodium vivax salivary gland sporozoites. PLoS Neglected Tropical Diseases, 2017, 11, e0005791.	1.3	73
41	Production of erythropoietic cells in vitro for continuous culture of Plasmodium vivax. International Journal for Parasitology, 2007, 37, 1551-1557.	1.3	72
42	Induction of specific immune responses against the Plasmodium vivax liver-stage via in vitro activation by dendritic cells. Parasitology International, 2006, 55, 187-193.	0.6	71
43	Natural human humoral response to salivary gland proteins of Anopheles mosquitoes in Thailand. Acta Tropica, 2006, 98, 66-73.	0.9	71
44	Common asymptomatic and submicroscopic malaria infections in Western Thailand revealed in longitudinal molecular and serological studies: a challenge to malaria elimination. Malaria Journal, 2016, 15, 333.	0.8	70
45	Discovery of GAMA, a Plasmodium falciparum Merozoite Micronemal Protein, as a Novel Blood-Stage Vaccine Candidate Antigen. Infection and Immunity, 2011, 79, 4523-4532.	1.0	69
46	A Novel Chimeric Plasmodium vivax Circumsporozoite Protein Induces Biologically Functional Antibodies That Recognize both VK210 and VK247 Sporozoites. Infection and Immunity, 2007, 75, 1177-1185.	1.0	65
47	Short-term in vitro culture of field isolates of Plasmodium vivax using umbilical cord blood. Parasitology International, 2007, 56, 65-69.	0.6	65
48	Nasal Immunization with a Malaria Transmission-Blocking Vaccine Candidate, Pfs25, Induces Complete Protective Immunity in Mice against Field Isolates of Plasmodium falciparum. Infection and Immunity, 2005, 73, 7375-7380.	1.0	63
49	LAP-like process as an immune mechanism downstream of IFN-Î³ in control of the human malariaPlasmodium vivaxliver stage. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3519-28.	3.3	63
50	Antibodies to a Single, Conserved Epitope in Anopheles APN1 Inhibit Universal Transmission of Plasmodium falciparum and Plasmodium vivax Malaria. Infection and Immunity, 2014, 82, 818-829.	1.0	62
51	Downregulation of plasma miR-451 and miR-16 in Plasmodium vivax infection. Experimental Parasitology, 2015, 155, 19-25.	0.5	62
52	COMPARISON OF ARTIFICIAL MEMBRANE FEEDING WITH DIRECT SKIN FEEDING TO ESTIMATE THE INFECTIOUSNESS OF PLASMODIUM VIVAX GAMETOCYTE CARRIERS TO MOSQUITOES. American Journal of Tropical Medicine and Hygiene, 2003, 69, 529-535.	0.6	62
53	Plasmodium vivax: gametocyte infectivity of naturally infected Thai adults. Parasitology, 1991, 102, 27-31.	0.7	60
54	A Roadmap for the Development of Ivermectin as a Complementary Malaria Vector Control Tool. American Journal of Tropical Medicine and Hygiene, 2020, 102, 3-24.	0.6	60

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55	<I>Anopheles kleini</I>, <I>Anopheles pullus</I>, and <I>Anopheles sinensis</I>: Potential Vectors of <I>Plasmodium vivax</I> in the Republic of Korea. Journal of Medical Entomology, 2007, 44, 1086-1090.	0.9	59
56	Evaluation of CDC light traps for mosquito surveillance in a malaria endemic area on the Thai-Myanmar border. Parasites and Vectors, 2015, 8, 636.	1.0	58
57	Genetic polymorphism in pvmdr1 and pvcrt-o genes in relation to in vitro drug susceptibility of Plasmodium vivax isolates from malaria-endemic countries. Acta Tropica, 2011, 117, 69-75.	0.9	57
58	Insights into the naturally acquired immune response toPlasmodium vivaxmalaria. Parasitology, 2016, 143, 154-170.	0.7	57
59	Plasma-derived extracellular vesicles from Plasmodium vivax patients signal spleen fibroblasts via NF-kB facilitating parasite cytoadherence. Nature Communications, 2020, 11, 2761.	5.8	56
60	Nested PCR detection of malaria directly using blood filter paper samples from epidemiological surveys. Malaria Journal, 2014, 13, 175.	0.8	55
61	Profiling the humoral immune responses to Plasmodium vivax infection and identification of candidate immunogenic rhoptry-associated membrane antigen (RAMA). Journal of Proteomics, 2014, 102, 66-82.	1.2	55
62	Development of a reverse transcription-loop-mediated isothermal amplification (RT-LAMP) for clinical detection of Plasmodium falciparum gametocytes. Parasitology International, 2010, 59, 414-420.	0.6	54
63	Radical curative efficacy of tafenoquine combination regimens in Plasmodium cynomolgi-infected Rhesus monkeys (Macaca mulatta). Malaria Journal, 2011, 10, 212.	0.8	54
64	Susceptibility of Anopheles sinensis to Plasmodium vivax in malarial outbreak areas of central China. Parasites and Vectors, 2013, 6, 176.	1.0	54
65	Natural human Plasmodium infections in major Anopheles mosquitoes in western Thailand. Parasites and Vectors, 2016, 9, 17.	1.0	54
66	Challenges for achieving safe and effective radical cure of Plasmodium vivax: a round table discussion of the APMEN Vivax Working Group. Malaria Journal, 2017, 16, 141.	0.8	52
67	Naturally acquired antibody responses to more than 300 Plasmodium vivax proteins in three geographic regions. PLoS Neglected Tropical Diseases, 2017, 11, e0005888.	1.3	52
68	Field evaluation of the ICT Malaria Pf/Pv immunochromatographic test for the detection of asymptomatic malaria in a Plasmodium falciparum/vivax endemic area in Thailand.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 379-383.	0.6	52
69	Japanese Encephalitis Virus in Bangkok: Factors Influencing Vector Infections in Three Suburban Communities. Journal of Medical Entomology, 1992, 29, 436-444.	0.9	51
70	Plasmodium vivax gametocyte proteins, Pvs48/45 and Pvs47, induce transmission-reducing antibodies by DNA immunization. Vaccine, 2015, 33, 1901-1908.	1.7	51
71	Very high carriage of gametocytes in asymptomatic low-density Plasmodium falciparum and P. vivax infections in western Thailand. Parasites and Vectors, 2017, 10, 512.	1.0	51
72	BLOCKING OF TRANSMISSION TO MOSQUITOES BY ANTIBODY TO PLASMODIUM VIVAX MALARIA VACCINE CANDIDATES PVS25 AND PVS28 DESPITE ANTIGENIC POLYMORPHISM IN FIELD ISOLATES. American Journal of Tropical Medicine and Hygiene, 2003, 69, 536-541.	0.6	51

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73	Hyperendemic Malaria in a Thai Village: Dependence of Year-Round Transmission on Focal and Seasonally Circumscribed Mosquito (Diptera: Culicidae) Habitats. Journal of Medical Entomology, 1990, 27, 1016-1026.	0.9	49
74	Genetic diversity of Plasmodium falciparum histidine-rich protein 2 in the Chinaâ€“Myanmar border area. Acta Tropica, 2015, 152, 26-31.	0.9	49
75	Population dynamics of sporogony for Plasmodium vivax parasites from western Thailand developing within three species of colonized Anopheles mosquitoes. Malaria Journal, 2006, 5, 68.	0.8	48
76	Identification of Plasmodium malariae, a Human Malaria Parasite, in Imported Chimpanzees. PLoS ONE, 2009, 4, e7412.	1.1	48
77	The Plasmodium liver-specific protein 2 (LISP2) is an early marker of liver stage development. ELife, 2019, 8, .	2.8	48
78	Microgeography and molecular epidemiology of malaria at the Thailand-Myanmar border in the malaria pre-elimination phase. Malaria Journal, 2015, 14, 198.	0.8	47
79	Leflunomide or A77 1726 protect from acetaminophen-induced cell injury through inhibition of JNK-mediated mitochondrial permeability transition in immortalized human hepatocytes. Toxicology and Applied Pharmacology, 2006, 217, 125-133.	1.3	46
80	Plasmodium vivax gametocyte protein Pvs230 is a transmission-blocking vaccine candidate. Vaccine, 2012, 30, 1807-1812.	1.7	46
81	Distinct amino acid and lipid perturbations characterize acute versus chronic malaria. JCI Insight, 2019, 4, .	2.3	46
82	Mutations in the Antifolate-Resistance-Associated Genes Dihydrofolate Reductase and Dihydropteroate Synthase in Plasmodium vivax Isolates from Malaria-Endemic Countries. American Journal of Tropical Medicine and Hygiene, 2010, 83, 474-479.	0.6	45
83	Intranasal and intramuscular immunization with Baculovirus Dual Expression System-based Pvs25 vaccine substantially blocks Plasmodium vivax transmission. Vaccine, 2010, 28, 6014-6020.	1.7	45
84	TRANSMISSION-BLOCKING ACTIVITY OF TAFENOQUINE (WR-238605) AND ARTELINIC ACID AGAINST NATURALLY CIRCULATING STRAINS OF PLASMODIUM VIVAX IN THAILAND. American Journal of Tropical Medicine and Hygiene, 2003, 69, 542-547.	0.6	44
85	Characterization of Plasmodium vivax Proteins in Plasma-Derived Exosomes From Malaria-Infected Liver-Chimeric Humanized Mice. Frontiers in Microbiology, 2018, 9, 1271.	1.5	43
86	Anopheles kleini,Anopheles pullus, andAnopheles sinensis: Potential Vectors ofPlasmodium vivaxin the Republic of Korea. Journal of Medical Entomology, 2007, 44, 1086-1090.	0.9	42
87	Plasmodium vivax Ookinete Surface Protein Pvs25 Linked to Cholera Toxin B Subunit Induces Potent Transmission-Blocking Immunity by Intranasal as Well as Subcutaneous Immunization. Infection and Immunity, 2010, 78, 3773-3782.	1.0	42
88	Challenges and prospects for malaria elimination in the Greater Mekong Subregion. Acta Tropica, 2012, 121, 240-245.	0.9	42
89	The Plasmodium vivax Merozoite Surface Protein 1 Paralog Is a Novel Erythrocyte-Binding Ligand of P. vivax. Infection and Immunity, 2013, 81, 1585-1595.	1.0	42
90	Acquisition and Longevity of Antibodies to Plasmodium vivax Preerythrocytic Antigens in Western Thailand. Vaccine Journal, 2016, 23, 117-124.	3.2	42

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91	Transcriptome and histone epigenome of Plasmodium vivax salivary-gland sporozoites point to tight regulatory control and mechanisms for liver-stage differentiation in relapsing malaria. International Journal for Parasitology, 2019, 49, 501-513.	1.3	42
92	Prevalence of Drug Resistance-Associated Gene Mutations in Plasmodium vivax in Central China. Korean Journal of Parasitology, 2012, 50, 379-384.	0.5	42
93	Plasmodium vivax Isolates from Cambodia and Thailand Show High Genetic Complexity and Distinct Patterns of P. vivax Multidrug Resistance Gene 1 (pvmdr1) Polymorphisms. American Journal of Tropical Medicine and Hygiene, 2013, 88, 1116-1123.	0.6	41
94	Improvement of culture conditions for long-term in vitro culture of Plasmodium vivax. Malaria Journal, 2015, 14, 297.	0.8	41
95	Asymptomatic and sub-microscopic malaria infection in Kayah State, eastern Myanmar. Malaria Journal, 2017, 16, 138.	0.8	41
96	Imported Plasmodium falciparum and locally transmitted Plasmodium vivax: cross-border malaria transmission scenario in northwestern Thailand. Malaria Journal, 2017, 16, 258.	0.8	41
97	Scrub Typhus and Military Operations in Indochina. Clinical Infectious Diseases, 1999, 29, 940-941.	2.9	39
98	The Plasmodium vivax homolog of the ookinete adhesive micronemal protein, CTRP. Parasitology International, 2006, 55, 227-231.	0.6	39
99	Identification of a reticulocyte-specific binding domain of Plasmodium vivax reticulocyte-binding protein 1 that is homologous to the PfRh4 erythrocyte-binding domain. Scientific Reports, 2016, 6, 26993.	1.6	39
100	Prevalence of asymptomatic Plasmodium infections with sub-microscopic parasite densities in the northwestern border of Thailand: a potential threat to malaria elimination. Malaria Journal, 2018, 17, 329.	0.8	39
101	Safety and Reproducibility of a Clinical Trial System Using Induced Blood Stage Plasmodium vivax Infection and Its Potential as a Model to Evaluate Malaria Transmission. PLoS Neglected Tropical Diseases, 2016, 10, e0005139.	1.3	39
102	Transcriptomic analysis reveals reduced transcriptional activity in the malaria parasite Plasmodium cynomolgi during progression into dormancy. ELife, 2018, 7, .	2.8	39
103	Comparison of artificial membrane feeding with direct skin feeding to estimate the infectiousness of Plasmodium vivax gametocyte carriers to mosquitoes. American Journal of Tropical Medicine and Hygiene, 2003, 69, 529-35.	0.6	39
104	Serum antibodies induced by intranasal immunization of mice with Plasmodium vivax Pvs25 co-administered with cholera toxin completely block parasite transmission to mosquitoes. Vaccine, 2003, 21, 3143-3148.	1.7	38
105	RALP1 Is a Rhoptry Neck Erythrocyte-Binding Protein of Plasmodium falciparum Merozoites and a Potential Blood-Stage Vaccine Candidate Antigen. Infection and Immunity, 2013, 81, 4290-4298.	1.0	38
106	Highly heterogeneous residual malaria risk in western Thailand. International Journal for Parasitology, 2019, 49, 455-462.	1.3	38
107	Potent immunogenicity of DNA vaccines encoding Plasmodium vivax transmission-blocking vaccine candidates Pvs25 and Pvs28â€"evaluation of homologous and heterologous antigen-delivery prime-boost strategy. Vaccine, 2004, 22, 3205-3213.	1.7	37
108	Enzymatic characterization of the Plasmodium vivax chitinase, a potential malaria transmission-blocking target. Parasitology International, 2009, 58, 243-248.	0.6	37

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109	Use of a Rhesus Plasmodium cynomolgi Model to Screen for Anti-Hypnozoite Activity of Pharmaceutical Substances. American Journal of Tropical Medicine and Hygiene, 2012, 86, 931-935.	0.6	37
110	Loop-Mediated Isothermal Amplification Assay for Rapid Diagnosis of Malaria Infections in an Area of Endemicity in Thailand. Journal of Clinical Microbiology, 2014, 52, 1471-1477.	1.8	37
111	Transition of Plasmodium vivax ribosome types corresponds to sporozoite differentiation in the mosquito. Molecular and Biochemical Parasitology, 1994, 65, 283-289.	0.5	36
112	A New Ecology for Scrub Typhus Associated with a Focus of Antibiotic Resistance in Rice Farmers in Thailand. Journal of Medical Entomology, 1998, 35, 551-555.	0.9	36
113	Asymptomatic Plasmodium vivax infections induce robust IgG responses to multiple blood-stage proteins in a low-transmission region of western Thailand. Malaria Journal, 2017, 16, 178.	0.8	36
114	A Humanized Mouse Model for Plasmodium vivax to Test Interventions that Block Liver Stage to Blood Stage Transition and Blood Stage Infection. IScience, 2020, 23, 101381.	1.9	36
115	Detection of Plasmodium vivax infection in the Republic of Korea by loop-mediated isothermal amplification (LAMP). Acta Tropica, 2010, 113, 61-65.	0.9	35
116	Worldwide sequence conservation of transmission-blocking vaccine candidate Pvs230 in Plasmodium vivax. Vaccine, 2011, 29, 4308-4315.	1.7	35
117	Determination of the Plasmodium vivax schizont stage proteome. Journal of Proteomics, 2011, 74, 1701-1710.	1.2	35
118	Pv12, a 6-Cys antigen of Plasmodium vivax, is localized to the merozoite rhoptry. Parasitology International, 2012, 61, 443-449.	0.6	35
119	Mitochondrial genome sequences reveal deep divergences among Anopheles punctulatus sibling species in Papua New Guinea. Malaria Journal, 2013, 12, 64.	0.8	35
120	Comparison of the immune responses induced by soluble and particulate Plasmodium vivax circumsporozoite vaccine candidates formulated in AS01 in rhesus macaques. Vaccine, 2013, 31, 6216-6224.	1.7	35
121	Plasmodium vivax and Plasmodium falciparum infection dynamics: re-infections, recrudescences and relapses. Malaria Journal, 2018, 17, 170.	0.8	35
122	Genetic structures of geographically distinct Plasmodium vivax populations assessed by PCR/RFLP analysis of the merozoite surface protein 3Î² gene. Acta Tropica, 2006, 100, 205-212.	0.9	32
123	Molecular and functional characterization of drug-metabolizing enzymes and transporter expression in the novel spontaneously immortalized human hepatocyte line HC-04. Toxicology in Vitro, 2007, 21, 1390-1401.	1.1	32
124	A recombinant antibody against Plasmodium vivax UIS4 for distinguishing replicating from dormant liver stages. Malaria Journal, 2018, 17, 370.	0.8	32
125	A novel immortalized hepatocyte-like cell line (imHC) supports in vitro liver stage development of the human malarial parasite Plasmodium vivax. Malaria Journal, 2018, 17, 50.	0.8	32
126	Antibodies against a Plasmodium falciparum antigen PfMSPDBL1 inhibit merozoite invasion into human erythrocytes. Vaccine, 2012, 30, 1972-1980.	1.7	31

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127	Short report: Failure of the OptiMAL rapid malaria test as a tool for the detection of asymptomatic malaria in an area of Thailand endemic for Plasmodium falciparum and P. vivax.. American Journal of Tropical Medicine and Hygiene, 2002, 67, 563-565.	0.6	31
128	Evaluation of immune responses to a Plasmodium vivax CSP-based recombinant protein vaccine candidate in combination with second-generation adjuvants in mice. Vaccine, 2012, 30, 3311-3319.	1.7	30
129	Gene Models, Expression Repertoire, and Immune Response of Plasmodium vivax Reticulocyte Binding Proteins. Infection and Immunity, 2016, 84, 677-685.	1.0	30
130	Evaluation of the Safety and Immunogenicity in Rhesus Monkeys of a Recombinant Malaria Vaccine for Plasmodium vivax with a Synthetic Toll-Like Receptor 4 Agonist Formulated in an Emulsion. Infection and Immunity, 2011, 79, 3492-3500.	1.0	29
131	Immunoprofiling of the Tryptophan-Rich Antigen Family in Plasmodium vivax. Infection and Immunity, 2015, 83, 3083-3095.	1.0	28
132	Plasmodium malariae and Plasmodium ovale infections in the Chinaâ€“Myanmar border area. Malaria Journal, 2016, 15, 557.	0.8	28
133	Plasmodium vivax GPI-anchored micronemal antigen (PvGAMA) binds human erythrocytes independent of Duffy antigen status. Scientific Reports, 2016, 6, 35581.	1.6	28
134	Naturally Occurring Mixed Infection ofPlasmodium vivaxVK210 andP. vivaxVK247 inAnophelesMosquitoes (Diptera: Culicidae) in Western Thailand. Journal of Medical Entomology, 2002, 39, 556-559.	0.9	26
135	Differential roles of an Anopheline midgut GPI-anchored protein in mediating Plasmodium falciparum and Plasmodium vivax ookinete invasion. Infection, Genetics and Evolution, 2014, 28, 635-647.	1.0	26
136	Enhancing longevity of Plasmodium vivax and P. falciparum sporozoites after dissection from mosquito salivary glands. Parasitology International, 2015, 64, 211-218.	0.6	25
137	Epidemiological profiles of recurrent malaria episodes in an endemic area along the Thailand-Myanmar border: a prospective cohort study. Malaria Journal, 2019, 18, 124.	0.8	25
138	Extensive multiple test centre evaluation of the VecTestTM malaria antigen panel assay. Medical and Veterinary Entomology, 2002, 16, 321-327.	0.7	24
139	Gene discovery in Plasmodium vivax through sequencing of ESTs from mixed blood stages. Molecular and Biochemical Parasitology, 2005, 144, 1-9.	0.5	24
140	Memory T cells protect against Plasmodium vivax infection. Microbes and Infection, 2006, 8, 680-686.	1.0	24
141	Defining the next generation of Plasmodium vivax diagnostic tests for control and elimination: Target product profiles. PLoS Neglected Tropical Diseases, 2017, 11, e0005516.	1.3	24
142	Evaluation of Survival Potential and Malaria Susceptibility among Different Size Classes of Laboratory-Reared Anopheles Dirus. American Journal of Tropical Medicine and Hygiene, 1990, 43, 328-332.	0.6	24
143	Persistence of Long-lived Memory B Cells specific to Duffy Binding Protein in individuals exposed to Plasmodium vivax. Scientific Reports, 2018, 8, 8347.	1.6	23
144	Adenovirus-vectored Plasmodium vivax ookinete surface protein, Pvs25, as a potential transmission-blocking vaccine. Vaccine, 2011, 29, 2720-2726.	1.7	22

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145	Naturally acquired humoral and cellular immune responses to Plasmodium vivax merozoite surface protein 8 in patients with P. vivax infection. Malaria Journal, 2017, 16, 211.	0.8	22
146	Case Report: Case Series of Human Plasmodium knowlesi Infection on the Southern Border of Thailand. American Journal of Tropical Medicine and Hygiene, 2019, 101, 1397-1401.	0.6	22
147	Controlled human malaria infection with a clone of Plasmodium vivax with high-quality genome assembly. JCI Insight, 2021, 6, .	2.3	22
148	Implementation of a novel PCR based method for detecting malaria parasites from naturally infected mosquitoes in Papua New Guinea. Malaria Journal, 2009, 8, 182.	0.8	21
149	Evaluation of Plasmodium vivax HAP2 as a transmission-blocking vaccine candidate. Vaccine, 2020, 38, 2841-2848.	1.7	21
150	Blocking of transmission to mosquitoes by antibody to Plasmodium vivax malaria vaccine candidates Pvs25 and Pvs28 despite antigenic polymorphism in field isolates. American Journal of Tropical Medicine and Hygiene, 2003, 69, 536-41.	0.6	21
151	Development of a Method for the In Vitro Production of Plasmodium vivax Ookinetes. Journal of Parasitology, 2001, 87, 928-930.	0.3	20
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