

Sasithon Pukrittayakamee

List of Publications by Year in descending order

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77
papers

7,179
citations

136950

32
h-index

69250

77
g-index

81
all docs

81
docs citations

81
times ranked

7197
citing authors

#	ARTICLE	IF	CITATIONS
1	Spread of Artemisinin Resistance in <i>Plasmodium falciparum</i> Malaria. <i>New England Journal of Medicine</i> , 2014, 371, 411-423.	27.0	1,753
2	Malaria. <i>Lancet</i> , The, 2014, 383, 723-735.	13.7	935
3	Genetic architecture of artemisinin-resistant <i>Plasmodium falciparum</i> . <i>Nature Genetics</i> , 2015, 47, 226-234.	21.4	515
4	Spread of artemisinin-resistant <i>Plasmodium falciparum</i> in Myanmar: a cross-sectional survey of the K13 molecular marker. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 415-421.	9.1	363
5	Population transcriptomics of human malaria parasites reveals the mechanism of artemisinin resistance. <i>Science</i> , 2015, 347, 431-435.	12.6	362
6	Determinants of dihydroartemisinin-piperazine treatment failure in <i>Plasmodium falciparum</i> malaria in Cambodia, Thailand, and Vietnam: a prospective clinical, pharmacological, and genetic study. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 952-961.	9.1	252
7	Evolution and expansion of multidrug-resistant malaria in southeast Asia: a genomic epidemiology study. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 943-951.	9.1	219
8	Triple artemisinin-based combination therapies versus artemisinin-based combination therapies for uncomplicated <i>Plasmodium falciparum</i> malaria: a multicentre, open-label, randomised clinical trial. <i>Lancet</i> , The, 2020, 395, 1345-1360.	13.7	182
9	Therapeutic Responses to Different Antimalarial Drugs in Vivax Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1680-1685.	3.2	164
10	<i>Plasmodium vivax</i> : restricted tropism and rapid remodeling of CD71-positive reticulocytes. <i>Blood</i> , 2015, 125, 1314-1324.	1.4	157
11	Antimalarial activity of artefenomel (OZ439), a novel synthetic antimalarial endoperoxide, in patients with <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> malaria: an open-label phase 2 trial. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 61-69.	9.1	147
12	Activities of Artesunate and Primaquine against Asexual- and Sexual-Stage Parasites in <i>Falciparum</i> Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 1329-1334.	3.2	136
13	Quinine in severe <i>falciparum</i> malaria: evidence of declining efficacy in Thailand. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1994, 88, 324-327.	1.8	114
14	The impact of targeted malaria elimination with mass drug administrations on <i>falciparum</i> malaria in Southeast Asia: A cluster randomised trial. <i>PLoS Medicine</i> , 2019, 16, e1002745.	8.4	105
15	An open dataset of <i>Plasmodium falciparum</i> genome variation in 7,000 worldwide samples. <i>Wellcome Open Research</i> , 2021, 6, 42.	1.8	97
16	Molecular epidemiology of resistance to antimalarial drugs in the Greater Mekong subregion: an observational study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1470-1480.	9.1	94
17	Antimalarial Activity of KAF156 in <i>Falciparum</i> and Vivax Malaria. <i>New England Journal of Medicine</i> , 2016, 375, 1152-1160.	27.0	89
18	Malaria ecology along the Thailand-Myanmar border. <i>Malaria Journal</i> , 2015, 14, 388.	2.3	86

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19	The role of early detection and treatment in malaria elimination. <i>Malaria Journal</i> , 2016, 15, 363.	2.3	82
20	Pharmacokinetic Interactions between Primaquine and Chloroquine. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3354-3359.	3.2	78
21	Host immunity to <i>Plasmodium falciparum</i> and the assessment of emerging artemisinin resistance in a multinational cohort. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3515-3520.	7.1	78
22	Therapeutic responses to antimalarial and antibacterial drugs in vivax malaria. <i>Acta Tropica</i> , 2004, 89, 351-356.	2.0	74
23	Influence of the number and timing of malaria episodes during pregnancy on prematurity and small-for-gestational-age in an area of low transmission. <i>BMC Medicine</i> , 2017, 15, 117.	5.5	62
24	Genetic surveillance in the Greater Mekong subregion and South Asia to support malaria control and elimination. <i>ELife</i> , 2021, 10, .	6.0	53
25	An open dataset of <i>Plasmodium falciparum</i> genome variation in 7,000 worldwide samples. <i>Wellcome Open Research</i> , 2021, 6, 42.	1.8	51
26	Village malaria worker performance key to the elimination of artemisinin-resistant malaria: a Western Cambodia health system assessment. <i>Malaria Journal</i> , 2016, 15, 282.	2.3	48
27	Open-Label Crossover Study of Primaquine and Dihydroartemisinin-Piperaquine Pharmacokinetics in Healthy Adult Thai Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7340-7346.	3.2	42
28	Pharmacokinetic Interactions between Primaquine and Pyronaridine-Artesunate in Healthy Adult Thai Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 505-513.	3.2	41
29	Laboratory Detection of Artemisinin-Resistant <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3157-3161.	3.2	40
30	Quantifying Low Birth Weight, Preterm Birth and Small-for-Gestational-Age Effects of Malaria in Pregnancy: A Population Cohort Study. <i>PLoS ONE</i> , 2014, 9, e100247.	2.5	40
31	Estimating Gestational Age in Late Presenters to Antenatal Care in a Resource-Limited Setting on the Thai-Myanmar Border. <i>PLoS ONE</i> , 2015, 10, e0131025.	2.5	36
32	A comparison of oral artesunate and artemether antimalarial bioactivities in acute falciparum malaria. <i>British Journal of Clinical Pharmacology</i> , 2001, 52, 655-661.	2.4	33
33	Effects of sevuparin on rosette formation and cytoadherence of <i>Plasmodium falciparum</i> infected erythrocytes. <i>PLoS ONE</i> , 2017, 12, e0172718.	2.5	33
34	Artemisinin resistance in the malaria parasite, <i>Plasmodium falciparum</i> , originates from its initial transcriptional response. <i>Communications Biology</i> , 2022, 5, 274.	4.4	33
35	A Comparison of Two Short-Course Primaquine Regimens for the Treatment and Radical Cure of <i>Plasmodium vivax</i> Malaria in Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 542-547.	1.4	32
36	Safety, Pharmacokinetics, and Mosquito-Lethal Effects of Ivermectin in Combination With Dihydroartemisinin-Piperaquine and Primaquine in Healthy Adult Thai Subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 1221-1230.	4.7	30

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37	Transmission of Artemisinin-Resistant Malaria Parasites to Mosquitoes under Antimalarial Drug Pressure. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	29
38	Effects of different antimalarial drugs on gametocyte carriage in <i>P. vivax</i> malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 378-84.	1.4	29
39	Population pharmacokinetics and electrocardiographic effects of dihydroartemisininâ€“piperazine in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2752-2766.	2.4	28
40	Evaluation of the GeneXpert MTB/RIF in patients with presumptive tuberculous meningitis. <i>PLoS ONE</i> , 2018, 13, e0198695.	2.5	27
41	Gestational diabetes mellitus prevalence in Maela refugee camp on the Thaiâ€“Myanmar Border: a clinical report. <i>Global Health Action</i> , 2014, 7, 23887.	1.9	25
42	The Diversity and Geographical Structure of <i>Orientia tsutsugamushi</i> Strains from Scrub Typhus Patients in Laos. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004024.	3.0	25
43	The disposition and effects of two doses of dichloroacetate in adults with severe falciparum malaria. <i>British Journal of Clinical Pharmacology</i> , 1996, 41, 29-34.	2.4	21
44	Contribution of Functional Antimalarial Immunity to Measures of Parasite Clearance in Therapeutic Efficacy Studies of Artemisinin Derivatives. <i>Journal of Infectious Diseases</i> , 2019, 220, 1178-1187.	4.0	21
45	Enantiospecific pharmacokinetics and drugâ€“drug interactions of primaquine and blood-stage antimalarial drugs. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3102-3113.	3.0	20
46	Factors affecting the electrocardiographic QT interval in malaria: A systematic review and meta-analysis of individual patient data. <i>PLoS Medicine</i> , 2020, 17, e1003040.	8.4	20
47	Population pharmacokinetics of oseltamivir and oseltamivir carboxylate in obese and nonâ€“obese volunteers. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 1103-1112.	2.4	19
48	The pituitary-thyroid axis in severe falciparum malaria: evidence for depressed thyrotroph and thyroid gland function. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1990, 84, 330-335.	1.8	18
49	The dynamic of asymptomatic <i>Plasmodium falciparum</i> infections following mass drug administrations with dihydroartemisininâ€“piperazine plus a single low dose of primaquine in Savannakhet Province, Laos. <i>Malaria Journal</i> , 2018, 17, 405.	2.3	18
50	Challenges arising when seeking broad consent for health research data sharing: a qualitative study of perspectives in Thailand. <i>BMC Medical Ethics</i> , 2018, 19, 86.	2.4	18
51	Efficacy of Primaquine in Preventing Short- and Long-Latency <i>Plasmodium vivax</i> Relapses in Nepal. <i>Journal of Infectious Diseases</i> , 2019, 220, 448-456.	4.0	17
52	An Open-Label Crossover Study To Evaluate Potential Pharmacokinetic Interactions between Oral Oseltamivir and Intravenous Zanamivir in Healthy Thai Adults. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4050-4057.	3.2	14
53	A Population Survey of the Glucose-6-Phosphate Dehydrogenase (G6PD) 563C>T (Mediterranean) Mutation in Afghanistan. <i>PLoS ONE</i> , 2014, 9, e88605.	2.5	13
54	Optimal health and disease management using spatial uncertainty: a geographic characterization of emergent artemisinin-resistant <i>Plasmodium falciparum</i> distributions in Southeast Asia. <i>International Journal of Health Geographics</i> , 2016, 15, 37.	2.5	13

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55	Genetic polymorphisms in the circumsporozoite protein of Plasmodium malariae show a geographical bias. <i>Malaria Journal</i> , 2018, 17, 269.	2.3	12
56	Miscarriage, stillbirth and neonatal mortality in the extreme preterm birth window of gestation in a limited-resource setting on the Thailand-Myanmar border: A population cohort study. <i>Wellcome Open Research</i> , 2016, 1, 32.	1.8	11
57	Impact of glucose-6-phosphate dehydrogenase deficiency on dengue infection in Myanmar children. <i>PLoS ONE</i> , 2019, 14, e0209204.	2.5	10
58	Genetic diversity of three surface protein genes in Plasmodium malariae from three Asian countries. <i>Malaria Journal</i> , 2018, 17, 24.	2.3	9
59	Acidosis and acute kidney injury in severe malaria. <i>Malaria Journal</i> , 2018, 17, 128.	2.3	9
60	Sequential Open-Label Study of the Safety, Tolerability, and Pharmacokinetic Interactions between Dihydroartemisinin-Piperaquine and Mefloquine in Healthy Thai Adults. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	9
61	Combining antimalarial drugs and vaccine for malaria elimination campaigns: a randomized safety and immunogenicity trial of RTS,S/AS01 administered with dihydroartemisinin, piperaquine, and primaquine in healthy Thai adult volunteers. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 33-41.	3.3	9
62	Clinical trials of artesunate plus sulfadoxine-pyrimethamine for Plasmodium falciparum malaria in Afghanistan: maintained efficacy a decade after introduction. <i>Malaria Journal</i> , 2016, 15, 121.	2.3	8
63	Prevalence and clinical manifestations of dengue in older patients in Bangkok Hospital for Tropical Diseases, Thailand. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2020, 114, 674-681.	1.8	8
64	Neutralizing Antibodies against Plasmodium falciparum Associated with Successful Cure after Drug Therapy. <i>PLoS ONE</i> , 2016, 11, e0159347.	2.5	8
65	The probability of a sequential Plasmodium vivax infection following asymptomatic Plasmodium falciparum and P. vivax infections in Myanmar, Vietnam, Cambodia, and Laos. <i>Malaria Journal</i> , 2019, 18, 449.	2.3	7
66	Cohort profile: molecular signature in pregnancy (MSP): longitudinal high-frequency sampling to characterise cross-omic trajectories in pregnancy in a resource-constrained setting. <i>BMJ Open</i> , 2020, 10, e041631.	1.9	6
67	Predictive model of return of spontaneous circulation among patients with out-of-hospital cardiac arrest in Thailand: The WATCH-CPR Score. <i>International Journal of Clinical Practice</i> , 2020, 74, e13502.	1.7	6
68	Mass drug administrations with dihydroartemisinin-piperaquine and single low dose primaquine to eliminate Plasmodium falciparum have only a transient impact on Plasmodium vivax: Findings from randomised controlled trials. <i>PLoS ONE</i> , 2020, 15, e0228190.	2.5	6
69	Limited Polymorphism of the Kelch Propeller Domain in Plasmodium malariae and P. ovale Isolates from Thailand. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4055-4062.	3.2	4
70	Assessment <i>In Vitro</i> of the Antimalarial and Transmission-Blocking Activities of Cipargamin and Ganaplacide in Artemisinin-Resistant Plasmodium falciparum. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0148121.	3.2	4
71	Rickettsial Infections Are Neglected Causes of Acute Febrile Illness in Teluk Intan, Peninsular Malaysia. <i>Tropical Medicine and Infectious Disease</i> , 2022, 7, 77.	2.3	4
72	Estimating the programmatic cost of targeted mass drug administration for malaria in Myanmar. <i>BMC Public Health</i> , 2021, 21, 826.	2.9	3

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73	Diagnosis of Murine Typhus by Serology in Peninsular Malaysia: A Case Report Where Rickettsial Illnesses, Leptospirosis and Dengue Co-Circulate. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 23.	2.3	2
74	Detecting geospatial patterns of <i>Plasmodium falciparum</i> parasite migration in Cambodia using optimized estimated effective migration surfaces. <i>International Journal of Health Geographics</i> , 2020, 19, 13.	2.5	2
75	Genetic analysis of the orthologous <i>crt</i> and <i>mdr1</i> genes in <i>Plasmodium malariae</i> from Thailand and Myanmar. <i>Malaria Journal</i> , 2020, 19, 315.	2.3	1
76	Anti-Gametocyte Antigen Humoral Immunity and Gametocytemia During Treatment of Uncomplicated <i>Falciparum</i> Malaria: A Multi-National Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 804470.	3.9	1
77	Comparison of antibody responses and parasite clearance in artemisinin therapeutic efficacy studies in Democratic Republic of Congo and Asia. <i>Journal of Infectious Diseases</i> , 0, , .	4.0	1