Pratap Singhasivanon

List of Publications by Year in descending order

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121 papers

9,726 citations

45 h-index

53794

95 g-index

126 all docs

126 docs citations

times ranked

126

8634 citing authors

#	Article	IF	CITATIONS
1	Artemisinin Resistance in <i>Plasmodium falciparum </i> Malaria. New England Journal of Medicine, 2009, 361, 455-467.	27.0	2,873
2	Emergence of artemisinin-resistant malaria on the western border of Thailand: a longitudinal study. Lancet, The, 2012, 379, 1960-1966.	13.7	768
3	Genome-wide and fine-resolution association analysis of malaria in West Africa. Nature Genetics, 2009, 41, 657-665.	21.4	345
4	Molecular and Pharmacological Determinants of the Therapeutic Response to Artemether-Lumefantrine in Multidrug-Resistant Plasmodium falciparum Malaria. Clinical Infectious Diseases, 2006, 42, 1570-1577.	5.8	258
5	Changes in the Treatment Responses to Artesunate-Mefloquine on the Northwestern Border of Thailand during 13 Years of Continuous Deployment. PLoS ONE, 2009, 4, e4551.	2.5	212
6	Ascaris lumbricoides infection is associated with protection from cerebral malaria. Parasite Immunology, 2000, 22, 107-113.	1.5	203
7	The epidemiology of subclinical malariaÂinfections in South-East Asia: findings from cross-sectional surveys in Thailand–Myanmar border areas, Cambodia, and Vietnam. Malaria Journal, 2015, 14, 381.	2.3	163
8	Positively Selected <i>G6PD</i> -Mahidol Mutation Reduces <i>Plasmodium vivax</i> Density in Southeast Asians. Science, 2009, 326, 1546-1549.	12.6	150
9	Malaria Burden and Artemisinin Resistance in the Mobile and Migrant Population on the Thai–Myanmar Border, 1999–2011: An Observational Study. PLoS Medicine, 2013, 10, e1001398.	8.4	150
10	Manslaughter by Fake Artesunate in Asia—Will Africa Be Next?. PLoS Medicine, 2006, 3, e197.	8.4	141
11	Plasmodium vivax Recurrence Following Falciparum and Mixed Species Malaria: Risk Factors and Effect of Antimalarial Kinetics. Clinical Infectious Diseases, 2011, 52, 612-620.	5.8	124
12	A Randomised Controlled Trial of Artemether-Lumefantrine Versus Artesunate for Uncomplicated Plasmodium falciparum Treatment in Pregnancy. PLoS Medicine, 2008, 5, e253.	8.4	120
13	Deployment of Early Diagnosis and Mefloquine- Artesunate Treatment of Falciparum Malaria in Thailand: The Tak Malaria Initiative. PLoS Medicine, 2006, 3, e183.	8.4	119
14	How much fat is necessary to optimize lumefantrine oral bioavailability?. Tropical Medicine and International Health, 2007, 12, 195-200.	2.3	118
15	The pharmacokinetics of artemether and lumefantrine in pregnant women with uncomplicated falciparum malaria. European Journal of Clinical Pharmacology, 2006, 62, 1021-1031.	1.9	112
16	Melioidosis in 6 Tsunami Survivors in Southern Thailand. Clinical Infectious Diseases, 2005, 41, 982-990.	5.8	108
17	Numerical Distributions of Parasite Densities During Asymptomatic Malaria. Journal of Infectious Diseases, 2016, 213, 1322-1329.	4.0	108
18	The impact of targeted malaria elimination with mass drug administrations on falciparum malaria in Southeast Asia: A cluster randomised trial. PLoS Medicine, 2019, 16, e1002745.	8.4	105

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19	Application of smart phone in "Better Border Healthcare Program": A module for mother and child care. BMC Medical Informatics and Decision Making, 2010, 10, 69.	3.0	102
20	Development of temporal modelling for forecasting and prediction of malaria infections using time-series and ARIMAX analyses: A case study in endemic districts of Bhutan. Malaria Journal, 2010, 9, 251.	2.3	101
21	Population Pharmacokinetics of Lumefantrine in Pregnant Women Treated with Artemether-Lumefantrine for Uncomplicated <i>Plasmodium falciparum</i> Malaria. Antimicrobial Agents and Chemotherapy, 2009, 53, 3837-3846.	3.2	96
22	Safety and Efficacy of Dihydroartemisinin-Piperaquine in Falciparum Malaria: A Prospective Multi-Centre Individual Patient Data Analysis. PLoS ONE, 2009, 4, e6358.	2.5	91
23	Helminth infections are associated with protection from cerebral malaria and increased nitrogen derivatives concentrations in Thailand American Journal of Tropical Medicine and Hygiene, 2002, 66, 304-309.	1.4	89
24	Pharmacokinetic study of artemether–lumefantrine given once daily for the treatment of uncomplicated multidrugâ€resistant falciparum malaria. Tropical Medicine and International Health, 2007, 12, 201-208.	2.3	88
25	A randomized trial of artemether-lumefantrine versus mefloquine-artesunate for the treatment of uncomplicated multi-drug resistant Plasmodium falciparum on the western border of Thailand. Malaria Journal, 2005, 4, 46.	2.3	78
26	Complex Interactions between Soil-Transmitted Helminths and Malaria in Pregnant Women on the Thai-Burmese Border. PLoS Neglected Tropical Diseases, 2010, 4, e887.	3.0	72
27	Dihydroartemisinin-Piperaquine Versus Chloroquine in the Treatment of Plasmodium vivax Malaria in Thailand: A Randomized Controlled Trial. Clinical Infectious Diseases, 2011, 53, 977-984.	5.8	71
28	Effect of Early Detection and Treatment on Malaria Related Maternal Mortality on the North-Western Border of Thailand 1986–2010. PLoS ONE, 2012, 7, e40244.	2.5	71
29	Directly-observed therapy (DOT) for the radical 14-day primaquine treatment of Plasmodium vivax malaria on the Thai-Myanmar border. Malaria Journal, 2010, 9, 308.	2.3	69
30	DECREASED HEMOGLOBIN CONCENTRATIONS, HYPERPARASITEMIA, AND SEVERE MALARIA ARE ASSOCIATED WITH INCREASED PLASMODIUM FALCIPARUM GAMETOCYTE CARRIAGE. Journal of Parasitology, 2002, 88, 97-101.	0.7	63
31	Randomized, Double-Blind, Placebo-Controlled Trial of Monthly versus Bimonthly Dihydroartemisinin-Piperaquine Chemoprevention in Adults at High Risk of Malaria. Antimicrobial Agents and Chemotherapy, 2012, 56, 1571-1577.	3.2	62
32	Arthropod Borne Disease: The Leading Cause of Fever in Pregnancy on the Thai-Burmese Border. PLoS Neglected Tropical Diseases, 2010, 4, e888.	3.0	61
33	Artesunate/dihydroartemisinin pharmacokinetics in acute falciparum malaria in pregnancy: absorption, bioavailability, disposition and disease effects. British Journal of Clinical Pharmacology, 2012, 73, 467-477.	2.4	60
34	Pharmacokinetics of Dihydroartemisinin and Piperaquine in Pregnant and Nonpregnant Women with Uncomplicated Falciparum Malaria. Antimicrobial Agents and Chemotherapy, 2011, 55, 5500-5506.	3.2	59
35	Estimation of gestational age from fundal height: a solution for resource-poor settings. Journal of the Royal Society Interface, 2012, 9, 503-510.	3.4	59
36	Application of mobile-technology for disease and treatment monitoring of malaria in the "Better Border Healthcare Programme". Malaria Journal, 2010, 9, 237.	2.3	58

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37	In vitro activity of ferroquine (SSR 97193) against Plasmodium falciparum isolates from the Thai-Burmese border. Malaria Journal, 2007, 6, 81.	2.3	57
38	Neutrophil Activation and Early Features of NET Formation Are Associated With Dengue Virus Infection in Human. Frontiers in Immunology, 2018, 9, 3007.	4.8	56
39	Chloroquine resistant vivax malaria in a pregnant woman on the western border of Thailand. Malaria Journal, 2011, 10, 113.	2.3	53
40	Dihydroartemisinin-piperaquine versus chloroquine to treat vivax malaria in Afghanistan: an open randomized, non-inferiority, trial. Malaria Journal, 2010, 9, 105.	2.3	52
41	Very high carriage of gametocytes in asymptomatic low-density Plasmodium falciparum and P. vivax infections in western Thailand. Parasites and Vectors, 2017, 10, 512.	2.5	51
42	An open label randomized comparison of mefloquine?artesunate as separate tablets vs. a new co-formulated combination for the treatment of uncomplicated multidrug-resistant falciparum malaria in Thailand. Tropical Medicine and International Health, 2006, 11, 1653-1660.	2.3	50
43	Pregnancy Outcome in Relation to Treatment of Murine Typhus and Scrub Typhus Infection: A Fever Cohort and a Case Series Analysis. PLoS Neglected Tropical Diseases, 2014, 8, e3327.	3.0	50
44	Adherence and efficacy of supervised versus non-supervised treatment with artemether/lumefantrine for the treatment of uncomplicated Plasmodium falciparum malaria in Bangladesh: a randomised controlled trial. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, 861-867.	1.8	49
45	Foreword. Journal of Clinical Virology, 2009, 46, S1-S2.	3.1	48
46	Village malaria worker performance key to the elimination of artemisinin-resistant malaria: a Western Cambodia health system assessment. Malaria Journal, 2016, 15, 282.	2.3	48
47	A CASE-CONTROL AUDITORY EVALUATION OF PATIENTS TREATED WITH ARTEMETHER-LUMEFANTRINE. American Journal of Tropical Medicine and Hygiene, 2006, 74, 211-214.	1.4	48
48	Effects of Different Antimalarial Drugs on Gametocyte Carriage in P. Vivax Malaria. American Journal of Tropical Medicine and Hygiene, 2008, 79, 378-384.	1.4	46
49	Longitudinal study of Plasmodium falciparum and Plasmodium vivax in a Karen population in Thailand. Malaria Journal, 2008, 7, 99.	2.3	45
50	Optimally timing primaquine treatment to reduce Plasmodium falciparum transmission in low endemicity Thai-Myanmar border populations. Malaria Journal, 2009, 8, 159.	2.3	45
51	Pharmacokinetics of Amodiaquine and Desethylamodiaquine in Pregnant and Postpartum Women with Plasmodium vivax Malaria. Antimicrobial Agents and Chemotherapy, 2011, 55, 4338-4342.	3.2	45
52	Dihydroartemisinin—Piperaquine Rescue Treatment of Multidrug-resistant Plasmodium falciparum Malaria in Pregnancy: A Preliminary Report. American Journal of Tropical Medicine and Hygiene, 2008, 78, 543-545.	1.4	45
53	Population Pharmacokinetic Assessment of a New Regimen of Mefloquine Used in Combination Treatment of Uncomplicated Falciparum Malaria. Antimicrobial Agents and Chemotherapy, 2006, 50, 2281-2285.	3.2	44
54	Population Pharmacokinetic and Pharmacodynamic Modeling of Amodiaquine and Desethylamodiaquine in Women with Plasmodium vivax Malaria during and after Pregnancy. Antimicrobial Agents and Chemotherapy, 2012, 56, 5764-5773.	3.2	44

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55	Gametocyte Dynamics and the Role of Drugs in Reducing the Transmission Potential of Plasmodium vivax. Journal of Infectious Diseases, 2013, 208, 801-812.	4.0	43
56	Intrahost Selection of Plasmodium falciparum pfmdr 1 Alleles after Antimalarial Treatment on the Northwestern Border of Thailand. Journal of Infectious Diseases, 2007, 195, 134-141.	4.0	42
57	Spatiotemporal Bayesian networks for malaria prediction. Artificial Intelligence in Medicine, 2018, 84, 127-138.	6.5	42
58	Chloroquine pharmacokinetics in pregnant and nonpregnant women with vivax malaria. European Journal of Clinical Pharmacology, 2008, 64, 987-992.	1.9	40
59	Rapid Degradation of Oseltamivir Phosphate in Clinical Samples by Plasma Esterases. Antimicrobial Agents and Chemotherapy, 2006, 50, 3197-3199.	3.2	39
60	Heritability of the Human Infectious Reservoir of Malaria Parasites. PLoS ONE, 2010, 5, e11358.	2.5	39
61	Malaria education from school to community in Oudomxay province, Lao PDR. Parasitology International, 2008, 57, 76-82.	1.3	38
62	Highly heterogeneous residual malaria risk in western Thailand. International Journal for Parasitology, 2019, 49, 455-462.	3.1	38
63	Spatio-temporal patterns of malaria infection in Bhutan: a country embarking on malaria elimination. Malaria Journal, 2011, 10, 89.	2.3	35
64	A Comparison of Two Short-Course Primaquine Regimens for the Treatment and Radical Cure of Plasmodium vivax Malaria in Thailand. American Journal of Tropical Medicine and Hygiene, 2010, 82, 542-547.	1.4	32
65	Quantification of dihydroartemisinin, artesunate and artemisinin in human blood: overcoming the technical challenge of protecting the peroxide bridge. Bioanalysis, 2011, 3, 1613-1624.	1.5	32
66	Socio-economic and environmental protective/risk factors for severe malaria in Thailand. Acta Tropica, 2001, 78, 139-146.	2.0	31
67	Comparison of plasma, venous and capillary blood levels of piperaquine in patients with uncomplicated falciparum malaria. European Journal of Clinical Pharmacology, 2010, 66, 705-712.	1.9	30
68	Thrombocytopaenia in pregnant women with malaria on the Thai-Burmese border. Malaria Journal, 2008, 7, 209.	2.3	29
69	Artemisinin resistance containment project in Thailand. II: responses to mefloquine-artesunate combination therapy among falciparum malaria patients in provinces bordering Cambodia. Malaria Journal, 2012, 11, 300.	2.3	29
70	Modulation of Malaria Phenotypes by Pyruvate Kinase (PKLR) Variants in a Thai Population. PLoS ONE, 2015, 10, e0144555.	2.5	29
71	Dihydroartemisinin-piperaquine rescue treatment of multidrug-resistant Plasmodium falciparum malaria in pregnancy: a preliminary report. American Journal of Tropical Medicine and Hygiene, 2008, 78, 543-5.	1.4	29
72	Effects of different antimalarial drugs on gametocyte carriage in P. vivax malaria. American Journal of Tropical Medicine and Hygiene, 2008, 79, 378-84.	1.4	29

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73	Evaluation of the GeneXpert MTB/RIF in patients with presumptive tuberculous meningitis. PLoS ONE, 2018, 13, e0198695.	2.5	27
74	A liquid chromatographic–tandem mass spectrometric method for determination of artemether and its metabolite dihydroartemisinin in human plasma. Bioanalysis, 2009, 1, 37-46.	1.5	26
75	A Small Amount of Fat Does Not Affect Piperaquine Exposure in Patients with Malaria. Antimicrobial Agents and Chemotherapy, 2011, 55, 3971-3976.	3.2	26
76	Primaquine Pharmacokinetics in Lactating Women and Breastfed Infant Exposures. Clinical Infectious Diseases, 2018, 67, 1000-1007.	5.8	26
77	Beyond deworming: the promotion of school-health-based interventions by Japan. Trends in Parasitology, 2007, 23, 25-29.	3.3	25
78	Leptospira Species in Floodwater during the 2011 Floods in the Bangkok Metropolitan Region, Thailand. American Journal of Tropical Medicine and Hygiene, 2013, 89, 794-796.	1.4	25
79	The impact of human reservoir of malaria at a community-level on individual malaria occurrence in a low malaria transmission setting along the Thai-Myanmar border. Malaria Journal, 2010, 9, 143.	2.3	24
80	Artemisinin resistance containment project in Thailand. (I): Implementation of electronic-based malaria information system for early case detection and individual case management in provinces along the Thai-Cambodian border. Malaria Journal, 2012, 11, 247.	2.3	24
81	Importance of Collection Tube during Clinical Studies of Oseltamivir. Antimicrobial Agents and Chemotherapy, 2007, 51, 1835-1836.	3.2	22
82	Dengue viremia kinetics in asymptomatic and symptomatic infection. International Journal of Infectious Diseases, 2020, 101, 90-97.	3.3	21
83	A human volunteer challenge model using frozen bacteria of the new epidemic serotype, V. cholerae O139 in Thai volunteers. Vaccine, 2001, 20, 920-925.	3.8	20
84	Auditory assessment of patients with acute uncomplicated Plasmodium falciparum malaria treated with three-day mefloquine-artesunate on the north-western border of Thailand. Malaria Journal, 2008, 7, 233.	2.3	20
85	Castor oil for induction of labour: Not harmful, not helpful. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2009, 49, 499-503.	1.0	20
86	Chikungunya virus was isolated in Thailand, 2010. Virus Genes, 2014, 49, 485-489.	1.6	20
87	Are there any changes in burden and management of communicable diseases in areas affected by Cyclone Nargis?. Conflict and Health, 2011, 5, 9.	2.7	19
88	The dynamic of asymptomatic Plasmodium falciparum infections following mass drug administrations with dihydroarteminisin–piperaquine plus a single low dose of primaquine in Savannakhet Province, Laos. Malaria Journal, 2018, 17, 405.	2.3	18
89	Ownership and utilization of bed nets and reasons for use or non-use of bed nets among community members at risk of malaria along the Thai-Myanmar border. Malaria Journal, 2021, 20, 305.	2.3	18
90	Women's Perceptions of Using Mobile Phones for Maternal and Child Health Support in Afghanistan: Cross-Sectional Survey. JMIR MHealth and UHealth, 2018, 6, e76.	3.7	18

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91	RISK FACTORS FOR PLASMODIUM VIVAX GAMETOCYTE CARRIAGE IN THAILAND. American Journal of Tropical Medicine and Hygiene, 2004, 71, 693-695.	1.4	18
92	Detection and Characterization of Enteric Viruses in Flood Water from the 2011 Thai Flood. Japanese Journal of Infectious Diseases, 2013, 66, 398-403.	1,2	17
93	Diagnostic and Treatment Difficulties of Pyelonephritis in Pregnancy in Resource-Limited Settings. American Journal of Tropical Medicine and Hygiene, 2010, 83, 1322-1329.	1.4	16
94	Drug resistance in malaria, tuberculosis, and HIV in South East Asia: biology, programme, and policy considerations. BMJ: British Medical Journal, 2017, 358, j3545.	2.3	16
95	A case-control auditory evaluation of patients treated with artemether-lumefantrine. American Journal of Tropical Medicine and Hygiene, 2006, 74, 211-4.	1.4	16
96	Comparison of Artesunate and Chloroquine Activities against Plasmodium vivax Gametocytes. Antimicrobial Agents and Chemotherapy, 2004, 48, 2751-2752.	3.2	15
97	Spatio-temporal effects of estimated pollutants released from an industrial estate on the occurrence of respiratory disease in Maptaphut Municipality, Thailand. International Journal of Health Geographics, 2006, 5, 48.	2.5	14
98	An Open-Label Crossover Study To Evaluate Potential Pharmacokinetic Interactions between Oral Oseltamivir and Intravenous Zanamivir in Healthy Thai Adults. Antimicrobial Agents and Chemotherapy, 2011, 55, 4050-4057.	3.2	14
99	Heritability of P. falciparum and P. vivax Malaria in a Karen Population in Thailand. PLoS ONE, 2008, 3, e3887.	2.5	13
100	Quantification of the anti-influenza drug zanamivir in plasma using high-throughput HILIC–MS/MS. Bioanalysis, 2011, 3, 157-165.	1,5	13
101	An analysis of health system resources in relation to pandemic response capacity in the Greater Mekong Subregion. International Journal of Health Geographics, 2012, 11, 53.	2.5	12
102	Risk factors for Plasmodium vivax gametocyte carriage in Thailand. American Journal of Tropical Medicine and Hygiene, 2004, 71, 693-5.	1.4	12
103	Case-control studies on host factors in severe malaria. Trends in Parasitology, 2001, 17, 253-254.	3.3	11
104	Relationship between reactive nitrogen intermediates and total immunoglobulin E, soluble CD21 and soluble CD23: comparison between cerebral malaria and nonsevere malaria. Parasite Immunology, 2002, 24, 395-399.	1.5	11
105	A randomized controlled trial of dihydroartemisinin-piperaquine, artesunate-mefloquine and extended artemether-lumefantrine treatments for malaria in pregnancy on the Thailand-Myanmar border. BMC Medicine, 2021, 19, 132.	5 . 5	11
106	The neurological assessment in young children treated with artesunate monotherapy or artesunate-mefloquine combination therapy for uncomplicated Plasmodium falciparum malaria. Malaria Journal, 2009, 8, 207.	2.3	9
107	Sequential Open-Label Study of the Safety, Tolerability, and Pharmacokinetic Interactions between Dihydroartemisinin-Piperaquine and Mefloquine in Healthy Thai Adults. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	9
108	Combining antimalarial drugs and vaccine for malaria elimination campaigns: a randomized safety and immunogenicity trial of RTS,S/ASO1 administered with dihydroartemisinin, piperaquine, and primaquine in healthy Thai adult volunteers. Human Vaccines and Immunotherapeutics, 2020, 16, 33-41.	3.3	9

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109	Beyond deworming. Lancet, The, 2005, 365, 751.	13.7	7
110	Malaria in the Post-Partum Period; a Prospective Cohort Study. PLoS ONE, 2013, 8, e57890.	2.5	7
111	Ikonos-derived malaria transmission risk in northwestern Thailand. Southeast Asian Journal of Tropical Medicine and Public Health, 2005, 36, 14-22.	1.0	7
112	Rodent–Human Interface: Behavioral Risk Factors and Leptospirosis in a Province in the Central Region of Thailand. Veterinary Sciences, 2022, 9, 85.	1.7	6
113	The effects of serum lipids on the in vitro activity of lumefantrine and atovaquone against Plasmodium falciparum. Malaria Journal, 2012, 11, 177.	2.3	5
114	Molecular Characterization of Hereditary Persistence of Fetal Hemoglobin in the Karen People of Thailand. Hemoglobin, 2003, 27, 97-104.	0.8	4
115	Letters to the editors. Tropical Medicine and International Health, 2006, 11, 1898-1899.	2.3	4
116	Detection of Adverse Drug Reaction Signals in the Thai FDA Database: Comparison between Reporting Odds Ratio and Bayesian Confidence Propagation Neural Network Methods. Drug Information Journal, 2010, 44, 393-403.	0.5	4
117	Genetic variations in regions of bovine and bovine-like enteroviral 5'UTR from cattle, Indian bison and goat feces. Virology Journal, 2016, 13, 13.	3.4	4
118	Castor Oil for Induction of Labor: Not Harmful, Not Helpful. Obstetrical and Gynecological Survey, 2010, 65, 77-78.	0.4	3
119	Advantages of using voiced questionnaire and image capture application for data collection from a minority group in rural areas along the Thailand–Myanmar border. Journal of Innovation in Health Informatics, 2014, 21, 179-188.	0.9	3
120	A PILOT FIELD TRIAL OF AN IN VITRO DRUG SUSCEPTIBILITY TEST USING THE ANAEROPACK MALARIA CULTURE SYSTEM ON THE THAI-MYANMAR BORDER. Tropical Medicine and Health, 2004, 32, 335-337.	2.8	3
121	Exploring the association between glucose-6-phosphate dehydrogenase deficiency and color blindness in Southeast Asia. Asian Biomedicine, 2018, 11, 365-370.	0.3	1