

# Wirichada Pan-ngum

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,356  
citations

393982

19  
h-index

395343

33  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrahost modeling of artemisinin resistance in <i>Plasmodium falciparum</i> . Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 397-402.	3.3	154
2	Diagnosing Severe Falciparum Malaria in Parasitaemic African Children: A Prospective Evaluation of Plasma PfHRP2 Measurement. PLoS Medicine, 2012, 9, e1001297.	3.9	123
3	Spread of anti-malarial drug resistance: Mathematical model with implications for ACT drug policies. Malaria Journal, 2008, 7, 229.	0.8	87
4	Predicting the severity of dengue fever in children on admission based on clinical features and laboratory indicators: application of classification tree analysis. BMC Pediatrics, 2018, 18, 109.	0.7	65
5	Economic and social impacts of COVID-19 and public health measures: results from an anonymous online survey in Thailand, Malaysia, the UK, Italy and Slovenia. BMJ Open, 2021, 11, e046863.	0.8	57
6	Modelling the COVID-19 pandemic in context: an international participatory approach. BMJ Global Health, 2020, 5, e003126.	2.0	47
7	Evaluating Clinical Trial Designs for Investigational Treatments of Ebola Virus Disease. PLoS Medicine, 2015, 12, e1001815.	3.9	45
8	Modelling the Impact and Cost-Effectiveness of Biomarker Tests as Compared with Pathogen-Specific Diagnostics in the Management of Undifferentiated Fever in Remote Tropical Settings. PLoS ONE, 2016, 11, e0152420.	1.1	45
9	Recommended reporting items for epidemic forecasting and prediction research: The EPIFORGE 2020 guidelines. PLoS Medicine, 2021, 18, e1003793.	3.9	42
10	Estimating the True Accuracy of Diagnostic Tests for Dengue Infection Using Bayesian Latent Class Models. PLoS ONE, 2013, 8, e50765.	1.1	39
11	Microparticles Provide a Novel Biomarker To Predict Severe Clinical Outcomes of Dengue Virus Infection. Journal of Virology, 2015, 89, 1587-1607.	1.5	39
12	Defining the In Vivo Phenotype of Artemisinin-Resistant Falciparum Malaria: A Modelling Approach. PLoS Medicine, 2015, 12, e1001823.	3.9	36
13	Social contact patterns and implications for infectious disease transmission – a systematic review and meta-analysis of contact surveys. ELife, 2021, 10, .	2.8	36
14	Evaluation of the Diagnostic Accuracy of a Typhoid IgM Flow Assay for the Diagnosis of Typhoid Fever in Cambodian Children Using a Bayesian Latent Class Model Assuming an Imperfect Gold Standard. American Journal of Tropical Medicine and Hygiene, 2014, 90, 114-120.	0.6	34
15	The incidence, presentation, outcomes, risk of mortality and economic data of drug-induced liver injury from a national database in Thailand: a population-base study. BMC Gastroenterology, 2016, 16, 135.	0.8	31
16	Improving knowledge, attitudes and practice to prevent COVID-19 transmission in healthcare workers and the public in Thailand. BMC Public Health, 2021, 21, 749.	1.2	29
17	Predicting the relative impacts of maternal and neonatal respiratory syncytial virus (RSV) vaccine target product profiles: A consensus modelling approach. Vaccine, 2017, 35, 403-409.	1.7	28
18	Human population movement and behavioural patterns in malaria hotspots on the Thai-Myanmar border: implications for malaria elimination. Malaria Journal, 2019, 18, 64.	0.8	27

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19	Human, animal, water source interactions and leptospirosis in Thailand. <i>Scientific Reports</i> , 2021, 11, 3215.	1.6	27
20	Long-term impact of childhood malaria infection on school performance among school children in a malaria endemic area along the Thai–Myanmar border. <i>Malaria Journal</i> , 2015, 14, 401.	0.8	23
21	Spatiotemporal epidemiology, environmental correlates, and demography of malaria in Tak Province, Thailand (2012–2015). <i>Malaria Journal</i> , 2019, 18, 240.	0.8	23
22	Characteristics and outcomes of cholangiocarcinoma by region in Thailand: A nationwide study. <i>World Journal of Gastroenterology</i> , 2017, 23, 7160-7167.	1.4	20
23	The impact of COVID-19 non-pharmaceutical interventions on the lived experiences of people living in Thailand, Malaysia, Italy and the United Kingdom: A cross-country qualitative study. <i>PLoS ONE</i> , 2022, 17, e0262421.	1.1	20
24	Preliminary estimation of temporal and spatiotemporal dynamic measures of COVID-19 transmission in Thailand. <i>PLoS ONE</i> , 2020, 15, e0239645.	1.1	17
25	Defining Disease Heterogeneity to Guide the Empirical Treatment of Febrile Illness in Resource Poor Settings. <i>PLoS ONE</i> , 2012, 7, e44545.	1.1	16
26	Evaluating the Impact of Intervention Strategies on the First Wave and Predicting the Second Wave of COVID-19 in Thailand: A Mathematical Modeling Study. <i>Biology</i> , 2021, 10, 80.	1.3	16
27	Burden of Liver Abscess and Survival Risk Score in Thailand: A Population-Based Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 683-688.	0.6	15
28	Spatial Heterogeneity and Temporal Trends in Malaria on the Thai–Myanmar Border (2012–2017): A Retrospective Observational Study. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 62.	0.9	15
29	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.	1.4	14
30	Optimization of Culture Protocols to Isolate <i>Leptospira</i> spp. from Environmental Water, Field Investigation, and Identification of Factors Associated with the Presence of <i>Leptospira</i> spp. in the Environment. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 94.	0.9	13
31	Social, ethical and behavioural aspects of COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 90.	0.9	13
32	Factors affecting mortality and resource use for hospitalized patients with cirrhosis. <i>Medicine (United States)</i> , 2017, 96, e7782.	0.4	12
33	Estimating the Impact of Expanding Treatment Coverage and Allocation Strategies for Chronic Hepatitis C in a Direct Antiviral Agent Era. <i>PLoS ONE</i> , 2016, 11, e0163095.	1.1	10
34	Effects of edutainment on knowledge and perceptions of Lisu mothers about the immunisation of their children. <i>Health Education Journal</i> , 2016, 75, 131-143.	0.6	10
35	Social, ethical and behavioural aspects of COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 90.	0.9	10
36	Molecular Epidemiological Study of Hand, Foot, and Mouth Disease in a Kindergarten-Based Setting in Bangkok, Thailand. <i>Pathogens</i> , 2021, 10, 576.	1.2	9

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37	A Population Dynamic Model to Assess the Diabetes Screening and Reporting Programs and Project the Burden of Undiagnosed Diabetes in Thailand. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2207.	1.2	8
38	Modeling household dynamics on Respiratory Syncytial Virus (RSV). <i>PLoS ONE</i> , 2019, 14, e0219323.	1.1	7
39	Addressing challenges faced by insecticide spraying for the control of dengue fever in Bangkok, Thailand: a qualitative approach. <i>International Health</i> , 2018, 10, 349-355.	0.8	6
40	Modelling population dynamics and seasonal movement to assess and predict the burden of melioidosis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007380.	1.3	6
41	Contact Mixing Patterns and Population Movement among Migrant Workers in an Urban Setting in Thailand. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2237.	1.2	6
42	Awareness, knowledge, and practice for hepatitis B infection in Southeast Asia: a cross-sectional study. <i>Journal of Infection in Developing Countries</i> , 2019, 13, 656-664.	0.5	6
43	Perspectives on public health interventions in the management of the COVID-19 pandemic in Thailand. <i>Wellcome Open Research</i> , 0, 5, 245.	0.9	5
44	Knowledge, Attitudes, and Practices Regarding "New Normal" Guidelines and Quality of Life Among Thai People During the COVID-19 Outbreak: An Online Cross-Sectional Survey. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	5
45	Model evaluation of target product profiles of an infant vaccine against respiratory syncytial virus (RSV) in a developed country setting. <i>Vaccine: X</i> , 2020, 4, 100055.	0.9	4
46	Assessing the impacts of short-course multidrug-resistant tuberculosis treatment in the Southeast Asia Region using a mathematical modeling approach. <i>PLoS ONE</i> , 2021, 16, e0248846.	1.1	4
47	Pandemic influenza H1N1 2009 in Thailand. <i>WHO South-East Asia Journal of Public Health</i> , 2012, 1, 59.	1.7	4
48	Low Branched Chain Amino Acids and Tyrosine in Thai Patients with Type 2 Diabetes Mellitus Treated with Metformin and Metformin-Sulfonylurea Combination Therapies. <i>Journal of Clinical Medicine</i> , 2021, 10, 5424.	1.0	4
49	"Like a wake-up call for humankind" Views, challenges, and coping strategies related to public health measures during the first COVID-19 lockdown in Thailand. <i>PLOS Global Public Health</i> , 2022, 2, e0000723.	0.5	4
50	Satisfaction with Paper-Based Dental Records and Perception of Electronic Dental Records among Dental Professionals in Myanmar. <i>Healthcare Informatics Research</i> , 2017, 23, 304.	1.0	3
51	Evaluation of aspartate aminotransferase to platelet ratio index and fibrosis 4 scores for hepatic fibrosis assessment compared with transient elastography in chronic hepatitis C patients. <i>JGH Open</i> , 2020, 4, 69-74.	0.7	3
52	Cost-effectiveness and budget impact analyses for the prioritisation of the four available rotavirus vaccines in the national immunisation programme in Thailand. <i>Vaccine</i> , 2021, 39, 1402-1414.	1.7	3
53	Estimating the programmatic cost of targeted mass drug administration for malaria in Myanmar. <i>BMC Public Health</i> , 2021, 21, 826.	1.2	3
54	Advantages of using voiced questionnaire and image capture application for data collection from a minority group in rural areas along the Thailand-Myanmar border. <i>Journal of Innovation in Health Informatics</i> , 2014, 21, 179-188.	0.9	3

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55	User Acceptance of Electronic Medical Record System: Implementation at Marie Stopes International, Myanmar. <i>Healthcare Informatics Research</i> , 2020, 26, 185-192.	1.0	3
56	The effects of geographical distributions of buildings and roads on the spatiotemporal spread of canine rabies: An individual-based modeling study. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010397.	1.3	3
57	AKIHelper: Acute kidney injury diagnostic tool using KDIGO guideline approach. , 2016, , .		2
58	The Factors associated with the unsuccessful tuberculosis treatment of hill tribe patients in Thailand. <i>Journal of Infection in Developing Countries</i> , 2020, 14, 42-47.	0.5	2
59	Perspectives on public health interventions in the management of the COVID-19 pandemic in Thailand. <i>Wellcome Open Research</i> , 2020, 5, 245.	0.9	1
60	Assessment of the amino acid profile in Thai patients with type 2 diabetes mellitus using liquid chromatography-mass spectrometry. <i>International Health</i> , 2021, 13, 367-373.	0.8	1
61	Confronting and Coping with Multidrug-Resistant Tuberculosis: Life Experiences in Thailand. <i>Qualitative Health Research</i> , 2022, 32, 159-167.	1.0	1
62	The reliability of the clinical examination in predicting hemodynamic status in acute febrile illness in a tropical, resource-limited setting. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2018, 112, 200-205.	0.7	0
63	Health care burden and mortality of acute on chronic liver failure in Thailand: a nationwide population-based cohort study. <i>BMC Health Services Research</i> , 2022, 22, 156.	0.9	0
64	Mortality in Thai Nursing Homes Based on Antimicrobial-Resistant Enterobacterales Carriage and COVID-19 Lockdown Timing: A Prospective Cohort Study. <i>Antibiotics</i> , 2022, 11, 762.	1.5	0