

Lorenz von Seidlein

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

5,173
citations

76326

40
h-index

106344

65
g-index

137
all docs

137
docs citations

137
times ranked

4494
citing authors

#	ARTICLE	IF	CITATIONS
1	Global extent of chloroquine-resistant <i>Plasmodium vivax</i> : a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 982-991.	9.1	300
2	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
3	Review of Mass Drug Administration for Malaria and Its Operational Challenges. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 125-134.	1.4	170
4	The epidemiology of subclinical malaria infections in South-East Asia: findings from cross-sectional surveys in Thailand–Myanmar border areas, Cambodia, and Vietnam. <i>Malaria Journal</i> , 2015, 14, 381.	2.3	163
5	Primaquine radical cure of <i>Plasmodium vivax</i> : a critical review of the literature. <i>Malaria Journal</i> , 2012, 11, 280.	2.3	155
6	Mass administrations of antimalarial drugs. <i>Trends in Parasitology</i> , 2003, 19, 452-460.	3.3	149
7	Effect of generalised access to early diagnosis and treatment and targeted mass drug administration on <i>Plasmodium falciparum</i> malaria in Eastern Myanmar: an observational study of a regional elimination programme. <i>Lancet</i> , The, 2018, 391, 1916-1926.	13.7	131
8	Mapping changes in housing in sub-Saharan Africa from 2000 to 2015. <i>Nature</i> , 2019, 568, 391-394.	27.8	124
9	Asymptomatic Natural Human Infections With the Simian Malaria Parasites <i>Plasmodium cynomolgi</i> and <i>Plasmodium knowlesi</i> . <i>Journal of Infectious Diseases</i> , 2019, 219, 695-702.	4.0	117
10	Review of key knowledge gaps in glucose-6-phosphate dehydrogenase deficiency detection with regard to the safe clinical deployment of 8-aminoquinoline treatment regimens: a workshop report. <i>Malaria Journal</i> , 2013, 12, 112.	2.3	112
11	Numerical Distributions of Parasite Densities During Asymptomatic Malaria. <i>Journal of Infectious Diseases</i> , 2016, 213, 1322-1329.	4.0	108
12	Short-course primaquine for the radical cure of <i>Plasmodium vivax</i> malaria: a multicentre, randomised, placebo-controlled non-inferiority trial. <i>Lancet</i> , The, 2019, 394, 929-938.	13.7	106
13	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
14	Malaria eradication and elimination: views on how to translate a vision into reality. <i>BMC Medicine</i> , 2015, 13, 167.	5.5	101
15	The persistence and oscillations of submicroscopic <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> infections over time in Vietnam: an open cohort study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 565-572.	9.1	101
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	The Future of the RTS,S/AS01 Malaria Vaccine: An Alternative Development Plan. <i>PLoS Medicine</i> , 2016, 13, e1001994.	8.4	92
18	Community engagement and population coverage in mass anti-malarial administrations: a systematic literature review. <i>Malaria Journal</i> , 2016, 15, 523.	2.3	86

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19	Fighting fire with fire: mass antimalarial drug administrations in an era of antimalarial resistance. Expert Review of Anti-Infective Therapy, 2015, 13, 715-730.	4.4	78
20	The epidemiology of norovirus gastroenteritis in China: disease burden and distribution of genotypes. Frontiers of Medicine, 2020, 14, 1-7.	3.4	78
21	The effect of mass administration of sulfadoxine-pyrimethamine combined with artesunate on malaria incidence: a double-blind, community-randomized, placebo-controlled trial in The Gambia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2003, 97, 217-225.	1.8	71
22	How to Contain Artemisinin- and Multidrug-Resistant Falciparum Malaria. Trends in Parasitology, 2017, 33, 353-363.	3.3	71
23	Crowding has consequences: Prevention and management of COVID-19 in informal urban settlements. Building and Environment, 2021, 188, 107472.	6.9	71
24	Safety and effectiveness of mass drug administration to accelerate elimination of artemisinin-resistant falciparum malaria: A pilot trial in four villages of Eastern Myanmar. Wellcome Open Research, 2017, 2, 81.	1.8	71
25	Comparison of artemether-lumefantrine and chloroquine with and without primaquine for the treatment of Plasmodium vivax infection in Ethiopia: A randomized controlled trial. PLoS Medicine, 2017, 14, e1002299.	8.4	64
26	Parasitaemia and gametocytaemia after treatment with chloroquine, pyrimethamine/sulfadoxine, and pyrimethamine/sulfadoxine combined with artesunate in young Gambians with uncomplicated malaria. Tropical Medicine and International Health, 2001, 6, 92-98.	2.3	62
27	COVID-19 in Germany and China: mitigation versus elimination strategy. Global Health Action, 2021, 14, 1875601.	1.9	59
28	How can interventions that target forest-goers be tailored to accelerate malaria elimination in the Greater Mekong Subregion? A systematic review of the qualitative literature. Malaria Journal, 2019, 18, 32.	2.3	57
29	Persistent Plasmodium falciparum and Plasmodium vivax infections in a western Cambodian population: implications for prevention, treatment and elimination strategies. Malaria Journal, 2016, 15, 181.	2.3	54
30	Affordable house designs to improve health in rural Africa: a field study from northeastern Tanzania. Lancet Planetary Health, The, 2017, 1, e188-e199.	11.4	54
31	Community engagement and the social context of targeted malaria treatment: a qualitative study in Kayin (Karen) State, Myanmar. Malaria Journal, 2017, 16, 75.	2.3	53
32	Genetic surveillance in the Greater Mekong subregion and South Asia to support malaria control and elimination. ELife, 2021, 10, .	6.0	53
33	The challenges of introducing routine G6PD testing into radical cure: a workshop report. Malaria Journal, 2015, 14, 377.	2.3	51
34	A Controlled Trial of Mass Drug Administration to Interrupt Transmission of Multidrug-Resistant Falciparum Malaria in Cambodian Villages. Clinical Infectious Diseases, 2018, 67, 817-826.	5.8	48
35	Treatment-seeking behaviour for febrile illnesses and its implications for malaria control and elimination in Savannakhet Province, Lao PDR (Laos): a mixed method study. BMC Health Services Research, 2019, 19, 252.	2.2	47
36	Public health-relevant consequences of the COVID-19 pandemic on malaria in sub-Saharan Africa: a scoping review. Malaria Journal, 2021, 20, 339.	2.3	46

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37	Evaluation of a Rapid Dipstick (Crystal VC) for the Diagnosis of Cholera in Zanzibar and a Comparison with Previous Studies. PLoS ONE, 2012, 7, e36930.	2.5	45
38	Asymptomatic Plasmodium infections in 18 villages of southern Savannakhet Province, Lao PDR (Laos). Malaria Journal, 2016, 15, 296.	2.3	45
39	Community engagement, social context and coverage of mass anti-malarial administration: Comparative findings from multi-site research in the Greater Mekong sub-Region. PLoS ONE, 2019, 14, e0214280.	2.5	45
40	Community engagement for the rapid elimination of malaria: The case of Kayin State, Myanmar. Wellcome Open Research, 2017, 2, 59.	1.8	45
41	Mass anti-malarial administration in western Cambodia: a qualitative study of factors affecting coverage. Malaria Journal, 2017, 16, 206.	2.3	44
42	Methods for the field evaluation of quantitative G6PD diagnostics: a review. Malaria Journal, 2017, 16, 361.	2.3	43
43	The acceptability of mass administrations of anti-malarial drugs as part of targeted malaria elimination in villages along the Thai-Myanmar border. Malaria Journal, 2016, 15, 494.	2.3	41
44	Why do people participate in mass anti-malarial administration? Findings from a qualitative study in Nong District, Savannakhet Province, Lao PDR (Laos). Malaria Journal, 2018, 17, 15.	2.3	41
45	Submicroscopic Plasmodium prevalence in relation to malaria incidence in 20 villages in western Cambodia. Malaria Journal, 2017, 16, 56.	2.3	40
46	Performance of the Access Bio/CareStart rapid diagnostic test for the detection of glucose-6-phosphate dehydrogenase deficiency: A systematic review and meta-analysis. PLoS Medicine, 2019, 16, e1002992.	8.4	37
47	Comparison of Three Screening Test Kits for G6PD Enzyme Deficiency: Implications for Its Use in the Radical Cure of Vivax Malaria in Remote and Resource-Poor Areas in the Philippines. PLoS ONE, 2016, 11, e0148172.	2.5	37
48	Forest work and its implications for malaria elimination: a qualitative study. Malaria Journal, 2019, 18, 376.	2.3	35
49	A systematic review and an individual patient data meta-analysis of ivermectin use in children weighing less than fifteen kilograms: Is it time to reconsider the current contraindication?. PLoS Neglected Tropical Diseases, 2021, 15, e0009144.	3.0	34
50	Limitations of malaria reactive case detection in an area of low and unstable transmission on the Myanmar-Thailand border. Malaria Journal, 2016, 15, 571.	2.3	33
51	Factors associated with population coverage of targeted malaria elimination (TME) in southern Savannakhet Province, Lao PDR. Malaria Journal, 2017, 16, 424.	2.3	33
52	Artemisinin resistance in the malaria parasite, Plasmodium falciparum, originates from its initial transcriptional response. Communications Biology, 2022, 5, 274.	4.4	33
53	The Failure of Screening and Treating as a Malaria Elimination Strategy. PLoS Medicine, 2014, 11, e1001595.	8.4	32
54	Novel Approaches to Control Malaria in Forested Areas of Southeast Asia. Trends in Parasitology, 2019, 35, 388-398.	3.3	32

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55	Community perceptions of a mass administration of an antimalarial drug combination in The Gambia. <i>Tropical Medicine and International Health</i> , 2001, 6, 442-448.	2.3	31
56	Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis. <i>PLoS Medicine</i> , 2020, 17, e1003084.	8.4	31
57	Prospects and strategies for malaria elimination in the Greater Mekong Sub-region: a qualitative study. <i>Malaria Journal</i> , 2019, 18, 203.	2.3	29
58	Perceptions of asymptomatic malaria infection and their implications for malaria control and elimination in Laos. <i>PLoS ONE</i> , 2018, 13, e0208912.	2.5	28
59	Triple therapy with artemether-lumefantrine plus amodiaquine versus artemether-lumefantrine alone for artemisinin-resistant, uncomplicated falciparum malaria: an open-label, randomised, multicentre trial. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 867-878.	9.1	27
60	Towards the elimination of Plasmodium vivax malaria: Implementing the radical cure. <i>PLoS Medicine</i> , 2021, 18, e1003494.	8.4	26
61	Novel Vector Control Approaches: The Future for Prevention of Zika Virus Transmission?. <i>PLoS Medicine</i> , 2017, 14, e1002219.	8.4	26
62	Tools to accelerate falciparum malaria elimination in Cambodia: a meeting report. <i>Malaria Journal</i> , 2020, 19, 151.	2.3	25
63	Community perceptions of targeted anti-malarial mass drug administrations in two provinces in Vietnam: a quantitative survey. <i>Malaria Journal</i> , 2017, 16, 17.	2.3	24
64	Challenges to replace ACT as first-line drug. <i>Malaria Journal</i> , 2017, 16, 296.	2.3	24
65	Comparison of glucose-6 phosphate dehydrogenase status by fluorescent spot test and rapid diagnostic test in Lao PDR and Cambodia. <i>Malaria Journal</i> , 2018, 17, 243.	2.3	24
66	A multi-level spatial analysis of clinical malaria and subclinical Plasmodium infections in Pailin Province, Cambodia. <i>Heliyon</i> , 2017, 3, e00447.	3.2	23
67	Oral Cholera Vaccine Development and Use in Vietnam. <i>PLoS Medicine</i> , 2014, 11, e1001712.	8.4	22
68	Recommendations for building out mosquito-transmitted diseases in sub-Saharan Africa: the DELIVER mnemonic. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190814.	4.0	22
69	Where chloroquine still works: the genetic make-up and susceptibility of Plasmodium vivax to chloroquine plus primaquine in Bhutan. <i>Malaria Journal</i> , 2016, 15, 277.	2.3	21
70	History of malaria treatment as a predictor of subsequent subclinical parasitaemia: a cross-sectional survey and malaria case records from three villages in Pailin, western Cambodia. <i>Malaria Journal</i> , 2016, 15, 240.	2.3	21
71	Immunogenicity and Protection From a Single Dose of Internationally Available Killed Oral Cholera Vaccine: A Systematic Review and Metaanalysis. <i>Clinical Infectious Diseases</i> , 2018, 66, 1960-1971.	5.8	21
72	Evolution of Multidrug Resistance in Plasmodium falciparum: a Longitudinal Study of Genetic Resistance Markers in the Greater Mekong Subregion. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0112121.	3.2	21

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73	The feasibility and acceptability of mass drug administration for malaria in Cambodia: a mixed-methods study. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2018, 112, 264-271.	1.8	20
74	Towards malaria elimination in Savannakhet, Lao PDR: mathematical modelling driven strategy design. <i>Malaria Journal</i> , 2017, 16, 483.	2.3	18
75	The dynamic of asymptomatic <i>Plasmodium falciparum</i> infections following mass drug administrations with dihydroartemisinin+piperaquine plus a single low dose of primaquine in Savannakhet Province, Laos. <i>Malaria Journal</i> , 2018, 17, 405.	2.3	18
76	Association between the proportion of <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> infections detected by passive surveillance and the magnitude of the asymptomatic reservoir in the community: a pooled analysis of paired health facility and community data. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 953-963.	9.1	18
77	OUP accepted manuscript. <i>Journal of Travel Medicine</i> , 2019, 26, .	3.0	16
78	Feasibility of a Comprehensive Targeted Cholera Intervention in The Kathmandu Valley, Nepal. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 1088-1097.	1.4	16
79	“Nine Dimensions”: A multidisciplinary approach for community engagement in a complex postwar border region as part of the targeted malaria elimination in Karen/Kayin State, Myanmar. <i>Wellcome Open Research</i> , 2018, 3, 116.	1.8	14
80	Potential herd protection against <i>Plasmodium falciparum</i> infections conferred by mass antimalarial drug administrations. <i>ELife</i> , 2019, 8, .	6.0	14
81	“Nine Dimensions”: A multidisciplinary approach for community engagement in a complex postwar border region as part of the targeted malaria elimination in Karen/Kayin State, Myanmar. <i>Wellcome Open Research</i> , 2018, 3, 116.	1.8	13
82	Association between Subclinical Malaria Infection and Inflammatory Host Response in a Pre-Elimination Setting. <i>PLoS ONE</i> , 2016, 11, e0158656.	2.5	13
83	The scenario approach for countries considering the addition of oral cholera vaccination in cholera preparedness and control plans. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 125-129.	9.1	11
84	Knowledge gaps in the construction of rural healthy homes: A research agenda for improved low-cost housing in hot-humid Africa. <i>PLoS Medicine</i> , 2019, 16, e1002909.	8.4	11
85	Rolling out the radical cure for vivax malaria in Asia: a qualitative study among policy makers and stakeholders. <i>Malaria Journal</i> , 2021, 20, 164.	2.3	11
86	Acceptability and feasibility of malaria prophylaxis for forest goers: findings from a qualitative study in Cambodia. <i>Malaria Journal</i> , 2021, 20, 446.	2.3	11
87	The Epidemiology of Cholera in Zanzibar: Implications for the Zanzibar Comprehensive Cholera Elimination Plan. <i>Journal of Infectious Diseases</i> , 2018, 218, S173-S180.	4.0	10
88	Community participation during two mass anti-malarial administrations in Cambodia: lessons from a joint workshop. <i>Malaria Journal</i> , 2018, 17, 53.	2.3	10
89	The Advanced Development Pathway of the RTS,S/AS01 Vaccine. <i>Methods in Molecular Biology</i> , 2019, 2013, 177-187.	0.9	10
90	The prevalence, incidence and prevention of <i>Plasmodium falciparum</i> infections in forest rangers in Bu Gia Map National Park, Binh Phuoc province, Vietnam: a pilot study. <i>Malaria Journal</i> , 2017, 16, 444.	2.3	9

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91	The case for ring vaccinations with special consideration of oral cholera vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 2069-2074.	3.3	9
92	Paracetamol for dengue fever: no benefit and potential harm?. <i>The Lancet Global Health</i> , 2019, 7, e552-e553.	6.3	9
93	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
94	Considerations for Oral Cholera Vaccine Use during Outbreak after Earthquake in Haiti, 2010-2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1211-4.	4.3	8
95	The ethics of using placebo in randomised controlled trials: a case study of a <i>Plasmodium vivax</i> antirelapse trial. <i>BMC Medical Ethics</i> , 2018, 19, 19.	2.4	8
96	Preventing cholera outbreaks through early targeted interventions. <i>PLoS Medicine</i> , 2018, 15, e1002510.	8.4	8
97	Intracluster correlation coefficients in the Greater Mekong Subregion for sample size calculations of cluster randomized malaria trials. <i>Malaria Journal</i> , 2019, 18, 428.	2.3	8
98	Mass drug administration for the acceleration of malaria elimination in a region of Myanmar with artemisinin-resistant <i>falciparum</i> malaria: a cluster-randomised trial. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1579-1589.	9.1	8
99	Community engagement for malaria elimination in the Greater Mekong Sub-region: a qualitative study among malaria researchers and policymakers. <i>Malaria Journal</i> , 2022, 21, 46.	2.3	8
100	The probability of a sequential <i>Plasmodium vivax</i> infection following asymptomatic <i>Plasmodium falciparum</i> and <i>P. vivax</i> infections in Myanmar, Vietnam, Cambodia, and Laos. <i>Malaria Journal</i> , 2019, 18, 449.	2.3	7
101	Taking on <i>Plasmodium vivax</i> malaria: A timely and important challenge. <i>PLoS Medicine</i> , 2021, 18, e1003593.	8.4	7
102	Study protocol: an open-label individually randomised controlled trial to assess the efficacy of artemether-lumefantrine prophylaxis for malaria among forest goers in Cambodia. <i>BMJ Open</i> , 2021, 11, e045900.	1.9	7
103	Clustering of malaria in households in the Greater Mekong Subregion: operational implications for reactive case detection. <i>Malaria Journal</i> , 2021, 20, 351.	2.3	7
104	Vaccines for Cholera Control: Does Herd Immunity Play a Role?. <i>PLoS Medicine</i> , 2007, 4, e331.	8.4	6
105	Cholera outbreak in Yemen. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 777.	8.1	6
106	Mass drug administrations with dihydroartemisinin-piperaquine and single low dose primaquine to eliminate <i>Plasmodium falciparum</i> have only a transient impact on <i>Plasmodium vivax</i> : Findings from randomised controlled trials. <i>PLoS ONE</i> , 2020, 15, e0228190.	2.5	6
107	What is the yield of malaria reactive case detection in the Greater Mekong Sub-region? A review of published data and meta-analysis. <i>Malaria Journal</i> , 2021, 20, 131.	2.3	6
108	Old age is associated with decreased wealth in rural villages in Mtwara, Tanzania: findings from a cross-sectional survey. <i>Tropical Medicine and International Health</i> , 2020, 25, 1441-1449.	2.3	5

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109	Chloroquine/ hydroxychloroquine prevention of coronavirus disease (COVID-19) in the healthcare setting; protocol for a randomised, placebo-controlled prophylaxis study (COPCOV). Wellcome Open Research, 0, 5, 241.	1.8	5
110	Malaria Epidemiology in Kilifi, Kenya during the 21st Century: What Next?. PLoS Medicine, 2016, 13, e1002048.	8.4	5
111	Assessing the impact of a novel house design on the incidence of malaria in children in rural Africa: study protocol for a household-cluster randomized controlled superiority trial. Trials, 2022, 23, .	1.6	5
112	Polymorphisms in Pvkclch12 and gene amplification of Pvpmspsin4 in Plasmodium vivax from Thailand, Lao PDR and Cambodia. Malaria Journal, 2019, 18, 114.	2.3	4
113	The use of ultrasensitive quantitative-PCR to assess the impact of primaquine on asymptomatic relapse of Plasmodium vivax infections: a randomized, controlled trial in Lao PDR. Malaria Journal, 2020, 19, 4.	2.3	4
114	Remote-Controlled and Pulse Pressure-Guided Fluid Treatment for Adult Patients with Viral Hemorrhagic Fevers. American Journal of Tropical Medicine and Hygiene, 2021, 104, 1172-1175.	1.4	4
115	Development of weight and age-based dosing of daily primaquine for radical cure of vivax malaria. Malaria Journal, 2021, 20, 366.	2.3	3
116	The effect of light and ventilation on house entry by Anopheles arabiensis sampled using light traps in Tanzania: an experimental hut study. Malaria Journal, 2022, 21, 36.	2.3	3
117	Progress in Medicine: Experts Take Stock. PLoS Medicine, 2015, 12, e1001933.	8.4	2
118	Model citizen. The Lancet Global Health, 2017, 5, e973.	6.3	2
119	A descriptive study of Forcefully Displaced Myanmar Nationals (FDMN) presenting for care at public health sector hospitals in Bangladesh. Global Health Action, 2021, 14, 1968124.	1.9	1
120	Title is missing!. , 2020, 17, e1003084.		0
121	Title is missing!. , 2020, 17, e1003084.		0
122	Title is missing!. , 2020, 17, e1003084.		0
123	Title is missing!. , 2020, 17, e1003084.		0
124	Title is missing!. , 2020, 17, e1003084.		0
125	Title is missing!. , 2019, 16, e1002992.		0
126	Title is missing!. , 2019, 16, e1002992.		0

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127	Title is missing!. , 2019, 16, e1002992.		0
128	Title is missing!. , 2019, 16, e1002992.		0