

Teun Bousema

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8457474/publications.pdf>

Version: 2024-02-01

197
papers

11,735
citations

28274

55
h-index

40979

93
g-index

204
all docs

204
docs citations

204
times ranked

8059
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of Single-Dose Primaquine With Artemisinin Combination Therapy on Plasmodium <i>falciparum</i> Gametocytes and Transmission: An Individual Patient Meta-Analysis. <i>Journal of Infectious Diseases</i> , 2022, 225, 1215-1226.	4.0	22
2	House design and risk of malaria, acute respiratory infection and gastrointestinal illness in Uganda: A cohort study. <i>PLOS Global Public Health</i> , 2022, 2, e0000063.	1.6	6
3	A Cohort Study on the Duration of <i>Plasmodium falciparum</i> Infections During the Dry Season in The Gambia. <i>Journal of Infectious Diseases</i> , 2022, 226, 128-137.	4.0	14
4	Asymptomatic School-Aged Children Are Important Drivers of Malaria Transmission in a High Endemicity Setting in Uganda. <i>Journal of Infectious Diseases</i> , 2022, 226, 708-713.	4.0	18
5	A Randomized Clinical Trial to Compare <i>Plasmodium falciparum</i> Gametocytemia and Infectivity After Blood-Stage or Mosquito Bite-Induced Controlled Malaria Infection. <i>Journal of Infectious Diseases</i> , 2021, 224, 1257-1265.	4.0	16
6	<i>Plasmodium falciparum</i> Gametocyte Density and Infectivity in Peripheral Blood and Skin Tissue of Naturally Infected Parasite Carriers in Burkina Faso. <i>Journal of Infectious Diseases</i> , 2021, 223, 1822-1830.	4.0	17
7	Persistence of mRNA indicative of <i>Plasmodium falciparum</i> ring-stage parasites 42 days after artemisinin and non-artemisinin combination therapy in naturally infected Malians. <i>Malaria Journal</i> , 2021, 20, 34.	2.3	4
8	<i>Anopheles stephensi</i> Mosquitoes as Vectors of <i>Plasmodium vivax</i> and <i>falciparum</i> , Horn of Africa, 2019. <i>Emerging Infectious Diseases</i> , 2021, 27, 603-607.	4.3	74
9	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
10	Infection Manager System (IMS) as a new hemocytometry-based bacteremia detection tool: A diagnostic accuracy study in a malaria-endemic area of Burkina Faso. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009187.	3.0	4
11	Higher gametocyte production and mosquito infectivity in chronic compared to incident <i>Plasmodium falciparum</i> infections. <i>Nature Communications</i> , 2021, 12, 2443.	12.8	47
12	Sources of persistent malaria transmission in a setting with effective malaria control in eastern Uganda: a longitudinal, observational cohort study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1568-1578.	9.1	90
13	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
14	Global patterns of submicroscopic <i>Plasmodium falciparum</i> malaria infection: insights from a systematic review and meta-analysis of population surveys. <i>Lancet Microbe</i> , The, 2021, 2, e366-e374.	7.3	29
15	Monoclonal antibodies block transmission of genetically diverse <i>Plasmodium falciparum</i> strains to mosquitoes. <i>Npj Vaccines</i> , 2021, 6, 101.	6.0	24
16	A portfolio of geographically distinct laboratory-adapted <i>Plasmodium falciparum</i> clones with consistent infection rates in <i>Anopheles</i> mosquitoes. <i>Malaria Journal</i> , 2021, 20, 381.	2.3	9
17	No time to die: An in-depth analysis of James Bond's exposure to infectious agents. <i>Travel Medicine and Infectious Disease</i> , 2021, 44, 102175.	3.0	7
18	<i>Plasmodium malariae</i> infections as a cause of febrile disease in an area of high <i>Plasmodium falciparum</i> transmission intensity in Eastern Uganda. <i>Malaria Journal</i> , 2021, 20, 425.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Serologic Markers of Previous Malaria Exposure and Functional Antibodies Inhibiting Parasite Growth Are Associated With Parasite Kinetics Following a Plasmodium falciparum Controlled Human Infection. <i>Clinical Infectious Diseases</i> , 2020, 70, 2544-2552.	5.8	33
20	qRT-PCR versus IFA-based Quantification of Male and Female Gametocytes in Low-Density Plasmodium falciparum Infections and Their Relevance for Transmission. <i>Journal of Infectious Diseases</i> , 2020, 221, 598-607.	4.0	14
21	Ivermectin as a novel complementary malaria control tool to reduce incidence and prevalence: a modelling study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 498-508.	9.1	53
22	Immunity against sexual stage <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> parasites. <i>Immunological Reviews</i> , 2020, 293, 190-215.	6.0	62
23	Antibody Therapy Goes to Insects: Monoclonal Antibodies Can Block Plasmodium Transmission to Mosquitoes. <i>Trends in Parasitology</i> , 2020, 36, 880-883.	3.3	6
24	Optimizing RTS,S Vaccination Strategies: Give It Your Best Parting Shot. <i>Journal of Infectious Diseases</i> , 2020, 222, 1581-1584.	4.0	3
25	Reply to Gautret et al: hydroxychloroquine sulfate and azithromycin for COVID-19: what is the evidence and what are the risks?. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106056.	2.5	29
26	How the COVID-19 pandemic highlights the necessity of animal research. <i>Current Biology</i> , 2020, 30, R1014-R1018.	3.9	26
27	When Is a Plasmodium-Infected Mosquito an Infectious Mosquito?. <i>Trends in Parasitology</i> , 2020, 36, 705-716.	3.3	75
28	Chloroquine Potentiates Primaquine Activity against Active and Latent Hepatic Plasmodia <i>Ex Vivo</i> : Potentials and Pitfalls. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	7
29	Association between the proportion of Plasmodium falciparum and Plasmodium vivax 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
30	Quantifying Plasmodium falciparum infections clustering within households to inform household-based intervention strategies for malaria control programs: An observational study and meta-analysis from 41 malaria-endemic countries. <i>PLoS Medicine</i> , 2020, 17, e1003370.	8.4	19
31	Mass Drug Administration With High-Dose Ivermectin and Dihydroartemisinin-Piperaquine for Malaria Elimination in an Area of Low Transmission With High Coverage of Malaria Control Interventions: Protocol for the MASSIV Cluster Randomized Clinical Trial. <i>JMIR Research Protocols</i> , 2020, 9, e20904.	1.0	15
32	Practical Implications of a Relationship between Health Management Information System and Community Cohort-Based Malaria Incidence Rates. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 404-414.	1.4	2
33	Malaria Transmission, Infection, and Disease following Sustained Indoor Residual Spraying of Insecticide in Tororo, Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1525-1533.	1.4	43
34	Reducing the Carbon Footprint of Academic Conferences: The Example of the American Society of Tropical Medicine and Hygiene. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1758-1761.	1.4	48
35	Sex-based differences in clearance of chronic Plasmodium falciparum infection. <i>ELife</i> , 2020, 9, .	6.0	46
36	Pharmacokinetics and Pharmacodynamics of High-Dose Ivermectin with Dihydroartemisinin and Piperaquine on Mosquitocidal Activity and QT Prolongation (IVERMAL). <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 388-401.	4.7	28

#	ARTICLE	IF	CITATIONS
37	<i>CYP2D6</i> Polymorphisms and the Safety and Gametocytocidal Activity of Single-Dose Primaquine for <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	13
38	Is that a real oocyst? Insectary establishment and identification of <i>Plasmodium falciparum</i> oocysts in midguts of <i>Anopheles</i> mosquitoes fed on infected human blood in Tororo, Uganda. <i>Malaria Journal</i> , 2019, 18, 287.	2.3	14
39	Immune Responses to Gametocyte Antigens in a Malaria Endemic Population—The African <i>falciparum</i> Context: A Systematic Review and Meta-Analysis. <i>Frontiers in Immunology</i> , 2019, 10, 2480.	4.8	8
40	Malaria Hotspots: Is There Epidemiological Evidence for Fine-Scale Spatial Targeting of Interventions?. <i>Trends in Parasitology</i> , 2019, 35, 822-834.	3.3	45
41	Prevalence of <i>Plasmodium falciparum</i> Pfcrt and Pfmdr1 alleles in settings with different levels of <i>Plasmodium vivax</i> co-endemicity in Ethiopia. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 11, 8-12.	3.4	12
42	Bead-based assays to simultaneously detect multiple human inherited blood disorders associated with malaria. <i>Malaria Journal</i> , 2019, 18, 14.	2.3	9
43	Naturally acquired immunity against immature <i>Plasmodium falciparum</i> gametocytes. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	31
44	Serological evidence for a decline in malaria transmission following major scale-up of control efforts in a setting selected for <i>Plasmodium vivax</i> and <i>Plasmodium falciparum</i> malaria elimination in Babile district, Oromia, Ethiopia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 305-311.	1.8	10
45	The temporal dynamics and infectiousness of subpatent <i>Plasmodium falciparum</i> infections in relation to parasite density. <i>Nature Communications</i> , 2019, 10, 1433.	12.8	121
46	<i>Plasmodium malariae</i> and <i>Plasmodium ovale</i> infections and their association with common red blood cell polymorphisms in a highly endemic area of Uganda. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 370-378.	1.8	2
47	Transmission-blocking Effects of Primaquine and Methylene Blue Suggest <i>Plasmodium falciparum</i> Gametocyte Sterilization Rather Than Effects on Sex Ratio. <i>Clinical Infectious Diseases</i> , 2019, 69, 1436-1439.	5.8	21
48	Ultralow-density <i>Plasmodium falciparum</i> Infections in African Settings. <i>Clinical Infectious Diseases</i> , 2019, 69, 1463-1464.	5.8	3
49	Investigating the impact of enhanced community case management and monthly screening and treatment on the transmissibility of malaria infections in Burkina Faso: study protocol for a cluster-randomised trial. <i>BMJ Open</i> , 2019, 9, e030598.	1.9	10
50	How delayed and non-adherent treatment contribute to onward transmission of malaria: a modelling study. <i>BMJ Global Health</i> , 2019, 4, e001856.	4.7	15
51	Gametocyte Sex Ratio: The Key to Understanding <i>Plasmodium falciparum</i> Transmission?. <i>Trends in Parasitology</i> , 2019, 35, 226-238.	3.3	37
52	Two-Faced Immunity? The Evidence for Antibody Enhancement of Malaria Transmission. <i>Trends in Parasitology</i> , 2019, 35, 140-153.	3.3	22
53	Human Direct Skin Feeding Versus Membrane Feeding to Assess the Mosquitocidal Efficacy of High-Dose Ivermectin (IVERMAL Trial). <i>Clinical Infectious Diseases</i> , 2019, 69, 1112-1119.	5.8	15
54	Mass Drug Administration With Dihydroartemisinin-piperaquine and Malaria Transmission Dynamics in The Gambia: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2019, 69, 278-286.	5.8	27

#	ARTICLE	IF	CITATIONS
55	Plasmodium falciparum Gametocyte Enrichment in Peripheral Blood Samples by Magnetic Fractionation: Gametocyte Yields and Possibilities to Reuse Columns. American Journal of Tropical Medicine and Hygiene, 2019, 100, 572-577.	1.4	10
56	Detecting Gametocytes: How Sensitive Is Sensible?. Journal of Infectious Diseases, 2018, 217, 1011-1012.	4.0	2
57	Plasmodium-associated changes in human odor attract mosquitoes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4209-E4218.	7.1	105
58	Efficacy and safety of primaquine and methylene blue for prevention of Plasmodium falciparum transmission in Mali: a phase 2, single-blind, randomised controlled trial. Lancet Infectious Diseases, The, 2018, 18, 627-639.	9.1	70
59	Safety of Single-Dose Primaquine in G6PD-Deficient and G6PD-Normal Males in Mali Without Malaria: An Open-Label, Phase 1, Dose-Adjustment Trial. Journal of Infectious Diseases, 2018, 217, 1298-1308.	4.0	17
60	Unravelling the immune signature of Plasmodium falciparum transmission-reducing immunity. Nature Communications, 2018, 9, 558.	12.8	83
61	Probabilistic data integration identifies reliable gametocyte-specific proteins and transcripts in malaria parasites. Scientific Reports, 2018, 8, 410.	3.3	39
62	The Relative Contribution of Symptomatic and Asymptomatic Plasmodium vivax and Plasmodium falciparum Infections to the Infectious Reservoir in a Low-Endemic Setting in Ethiopia. Clinical Infectious Diseases, 2018, 66, 1883-1891.	5.8	146
63	Safety and mosquitocidal efficacy of high-dose ivermectin when co-administered with dihydroartemisinin-piperazine in Kenyan adults with uncomplicated malaria (IVERMAL): a randomised, double-blind, placebo-controlled trial. Lancet Infectious Diseases, The, 2018, 18, 615-626.	9.1	99
64	A multiplex assay for the sensitive detection and quantification of male and female Plasmodium falciparum gametocytes. Malaria Journal, 2018, 17, 441.	2.3	47
65	Liver Injury in Uncomplicated Malaria is an Overlooked Phenomenon: An Observational Study. EBioMedicine, 2018, 36, 131-139.	6.1	43
66	Do hotspots fuel malaria transmission: a village-scale spatio-temporal analysis of a 2-year cohort study in The Gambia. BMC Medicine, 2018, 16, 160.	5.5	26
67	Modeling the impact of Plasmodium falciparum sexual stage immunity on the composition and dynamics of the human infectious reservoir for malaria in natural settings. PLoS Pathogens, 2018, 14, e1007034.	4.7	21
68	Variation in natural exposure to anopheles mosquitoes and its effects on malaria transmission. ELife, 2018, 7, .	6.0	60
69	Repurposing isoxazoline veterinary drugs for control of vector-borne human diseases. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6920-E6926.	7.1	62
70	Haemolysis and haem oxygenase-1 induction during persistent asymptomatic malaria infection in Burkina Faso children. Malaria Journal, 2018, 17, 253.	2.3	13
71	A randomized feasibility trial comparing four antimalarial drug regimens to induce Plasmodium falciparum gametocytemia in the controlled human malaria infection model. ELife, 2018, 7, .	6.0	54
72	Understanding human genetic factors influencing primaquine safety and efficacy to guide primaquine roll-out in a pre-elimination setting in southern Africa. Malaria Journal, 2018, 17, 120.	2.3	13

#	ARTICLE	IF	CITATIONS
73	Transmission of molecularly undetectable circulating parasite clones leads to high infection complexity in mosquitoes post feeding. <i>International Journal for Parasitology</i> , 2018, 48, 671-677.	3.1	25
74	Low and heterogeneous prevalence of glucose-6-phosphate dehydrogenase deficiency in different settings in Ethiopia using phenotyping and genotyping approaches. <i>Malaria Journal</i> , 2018, 17, 281.	2.3	9
75	<i>Plasmodium falciparum</i> gametocyte dynamics after pyronaridine+artesunate or artemether+lumefantrine treatment. <i>Malaria Journal</i> , 2018, 17, 223.	2.3	8
76	Assessing <i>Plasmodium falciparum</i> transmission in mosquito-feeding assays using quantitative PCR. <i>Malaria Journal</i> , 2018, 17, 249.	2.3	24
77	Safety of single low-dose primaquine in glucose-6-phosphate dehydrogenase deficient <i>falciparum</i> -infected African males: Two open-label, randomized, safety trials. <i>PLoS ONE</i> , 2018, 13, e0190272.	2.5	27
78	Antibody Responses to Antigenic Targets of Recent Exposure Are Associated With Low-Density Parasitemia in Controlled Human <i>Plasmodium falciparum</i> Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 3300.	3.5	26
79	A controlled human malaria infection model enabling evaluation of transmission-blocking interventions. <i>Journal of Clinical Investigation</i> , 2018, 128, 1551-1562.	8.2	85
80	Functional antibodies against <i>Plasmodium falciparum</i> sporozoites are associated with a longer time to qPCR-detected infection among schoolchildren in Burkina Faso. <i>Wellcome Open Research</i> , 2018, 3, 159.	1.8	13
81	Functional antibodies against <i>Plasmodium falciparum</i> sporozoites are associated with a longer time to qPCR-detected infection among schoolchildren in Burkina Faso. <i>Wellcome Open Research</i> , 2018, 3, 159.	1.8	10
82	Predicting the likelihood and intensity of mosquito infection from sex specific <i>Plasmodium falciparum</i> gametocyte density. <i>ELife</i> , 2018, 7, .	6.0	93
83	Determinants of Malaria Transmission at the Population Level. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a025510.	6.2	33
84	The shape of the iceberg: quantification of submicroscopic <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> parasitaemia and gametocytaemia in five low endemic settings in Ethiopia. <i>Malaria Journal</i> , 2017, 16, 99.	2.3	58
85	Impact of metric and sample size on determining malaria hotspot boundaries. <i>Scientific Reports</i> , 2017, 7, 45849.	3.3	14
86	Pregnant Women: An Overlooked Asset to <i>Plasmodium falciparum</i> Malaria Elimination Campaigns?. <i>Trends in Parasitology</i> , 2017, 33, 510-518.	3.3	18
87	Age, Weight, and <i>CYP2D6</i> Genotype Are Major Determinants of Primaquine Pharmacokinetics in African Children. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	37
88	Examining the human infectious reservoir for <i>Plasmodium falciparum</i> malaria in areas of differing transmission intensity. <i>Nature Communications</i> , 2017, 8, 1133.	12.8	174
89	Mechanisms of <i>Plasmodium</i> -Enhanced Attraction of Mosquito Vectors. <i>Trends in Parasitology</i> , 2017, 33, 961-973.	3.3	26
90	A Molecular Assay to Quantify Male and Female <i>Plasmodium falciparum</i> Gametocytes: Results From 2 Randomized Controlled Trials Using Primaquine for Gametocyte Clearance. <i>Journal of Infectious Diseases</i> , 2017, 216, 457-467.	4.0	47

#	ARTICLE	IF	CITATIONS
91	A potent series targeting the malarial cGMP-dependent protein kinase clears infection and blocks transmission. <i>Nature Communications</i> , 2017, 8, 430.	12.8	110
92	Odours of <i>Plasmodium falciparum</i> -infected participants influence mosquito-host interactions. <i>Scientific Reports</i> , 2017, 7, 9283.	3.3	42
93	Evaluation of two lead malaria transmission blocking vaccine candidate antibodies in natural parasite-vector combinations. <i>Scientific Reports</i> , 2017, 7, 6766.	3.3	35
94	Gametocytemia and Attractiveness of <i>Plasmodium falciparum</i> -Infected Kenyan Children to <i>Anopheles gambiae</i> Mosquitoes. <i>Journal of Infectious Diseases</i> , 2017, 216, 291-295.	4.0	57
95	Concentration of <i>Plasmodium falciparum</i> gametocytes in whole blood samples by magnetic cell sorting enhances parasite infection rates in mosquito feeding assays. <i>Malaria Journal</i> , 2017, 16, 315.	2.3	8
96	Semi-high-throughput detection of <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> oocysts in mosquitoes using bead-beating followed by circumsporozoite ELISA and quantitative PCR. <i>Malaria Journal</i> , 2017, 16, 356.	2.3	16
97	Comparative assessment of <i>An. gambiae</i> and <i>An. stephensi</i> mosquitoes to determine transmission-reducing activity of antibodies against <i>P. falciparum</i> sexual stage antigens. <i>Parasites and Vectors</i> , 2017, 10, 489.	2.5	19
98	malERA: An updated research agenda for characterising the reservoir and measuring transmission in malaria elimination and eradication. <i>PLoS Medicine</i> , 2017, 14, e1002452.	8.4	70
99	Residual malaria transmission dynamics varies across The Gambia despite high coverage of control interventions. <i>PLoS ONE</i> , 2017, 12, e0187059.	2.5	52
100	Molecular Markers for Sensitive Detection of <i>Plasmodium falciparum</i> Asexual Stage Parasites and their Application in a Malaria Clinical Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 188-198.	1.4	19
101	A Direct from Blood Reverse Transcriptase Polymerase Chain Reaction Assay for Monitoring <i>Falciparum</i> Malaria Parasite Transmission in Elimination Settings. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 533-543.	1.4	8
102	Factors associated with high heterogeneity of malaria at fine spatial scale in the Western Kenyan highlands. <i>Malaria Journal</i> , 2016, 15, 307.	2.3	37
103	In vivo efficacy of artesunate+amodiaquine and artemether+lumefantrine for the treatment of uncomplicated <i>falciparum</i> malaria: an open-randomized, non-inferiority clinical trial in South Kivu, Democratic Republic of Congo. <i>Malaria Journal</i> , 2016, 15, 455.	2.3	17
104	Characterizing microscopic and submicroscopic malaria parasitaemia at three sites with varied transmission intensity in Uganda. <i>Malaria Journal</i> , 2016, 15, 470.	2.3	38
105	Naturally acquired immunity to sexual stage <i>P. falciparum</i> parasites. <i>Parasitology</i> , 2016, 143, 187-198.	1.5	63
106	Mass Drug Administration for Malaria: A Means to What end?. <i>Journal of Infectious Diseases</i> , 2016, 214, 1790-1792.	4.0	2
107	Comparison of molecular quantification of <i>Plasmodium falciparum</i> gametocytes by Pfs25 qRT-PCR and QT-NASBA in relation to mosquito infectivity. <i>Malaria Journal</i> , 2016, 15, 539.	2.3	27
108	Variation in susceptibility of African <i>Plasmodium falciparum</i> malaria parasites to TEP1 mediated killing in <i>Anopheles gambiae</i> mosquitoes. <i>Scientific Reports</i> , 2016, 6, 20440.	3.3	34

#	ARTICLE	IF	CITATIONS
109	The Gametocytocidal Efficacy of Different Single Doses of Primaquine with Dihydroartemisinin-piperaquine in Asymptomatic Parasite Carriers in The Gambia: A Randomized Controlled Trial. <i>EBioMedicine</i> , 2016, 13, 348-355.	6.1	24
110	A semi-automated luminescence based standard membrane feeding assay identifies novel small molecules that inhibit transmission of malaria parasites by mosquitoes. <i>Scientific Reports</i> , 2016, 5, 18704.	3.3	81
111	Gametocyte carriage in uncomplicated <i>Plasmodium falciparum</i> malaria following treatment with artemisinin combination therapy: a systematic review and meta-analysis of individual patient data. <i>BMC Medicine</i> , 2016, 14, 79.	5.5	104
112	An inter-laboratory comparison of standard membrane-feeding assays for evaluation of malaria transmission-blocking vaccines. <i>Malaria Journal</i> , 2016, 15, 463.	2.3	40
113	The effect of mass mosquito trapping on malaria transmission and disease burden (SolarMal): a stepped-wedge cluster-randomised trial. <i>Lancet, The</i> , 2016, 388, 1193-1201.	13.7	91
114	Persistence of <i>Plasmodium falciparum</i> parasitemia after artemisinin combination therapy: evidence from a randomized trial in Uganda. <i>Scientific Reports</i> , 2016, 6, 26330.	3.3	34
115	Single low dose primaquine to reduce gametocyte carriage and <i>Plasmodium falciparum</i> transmission after artemether-lumefantrine in children with asymptomatic infection: a randomised, double-blind, placebo-controlled trial. <i>BMC Medicine</i> , 2016, 14, 40.	5.5	53
116	Heterogeneous malaria transmission in long-term Afghan refugee populations: a cross-sectional study in five refugee camps in northern Pakistan. <i>Malaria Journal</i> , 2016, 15, 245.	2.3	6
117	Lack of K13 mutations in <i>Plasmodium falciparum</i> persisting after artemisinin combination therapy treatment of Kenyan children. <i>Malaria Journal</i> , 2016, 15, 36.	2.3	54
118	Associations Between Helminth Infections, <i>Plasmodium falciparum</i> Parasite Carriage and Antibody Responses to Sexual and Asexual Stage Malarial Antigens. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 394-400.	1.4	24
119	Integrated transcriptomic and proteomic analyses of <i>P. falciparum</i> gametocytes: molecular insight into sex-specific processes and translational repression. <i>Nucleic Acids Research</i> , 2016, 44, 6087-6101.	14.5	216
120	Primaquine to reduce transmission of <i>Plasmodium falciparum</i> malaria in Mali: a single-blind, dose-ranging, adaptive randomised phase 2 trial. <i>Lancet Infectious Diseases, The</i> , 2016, 16, 674-684.	9.1	72
121	Infectivity of Microscopic and Submicroscopic Malaria Parasite Infections in Areas of Low Malaria Endemicity. <i>Journal of Infectious Diseases</i> , 2016, 213, 1516-1517.	4.0	19
122	Dynamics of the Human Infectious Reservoir for Malaria Determined by Mosquito Feeding Assays and Ultrasensitive Malaria Diagnosis in Burkina Faso. <i>Journal of Infectious Diseases</i> , 2016, 213, 90-99.	4.0	138
123	The Impact of Hotspot-Targeted Interventions on Malaria Transmission in Rachuonyo South District in the Western Kenyan Highlands: A Cluster-Randomized Controlled Trial. <i>PLoS Medicine</i> , 2016, 13, e1001993.	8.4	89
124	Genomic epidemiology of artemisinin resistant malaria. <i>ELife</i> , 2016, 5, .	6.0	242
125	Submicroscopic carriage of <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> in a low endemic area in Ethiopia where no parasitaemia was detected by microscopy or rapid diagnostic test. <i>Malaria Journal</i> , 2015, 14, 303.	2.3	56
126	Clinical determinants of early parasitological response to ACTs in African patients with uncomplicated <i>falciparum</i> malaria: a literature review and meta-analysis of individual patient data. <i>BMC Medicine</i> , 2015, 13, 212.	5.5	61

#	ARTICLE	IF	CITATIONS
127	A comparison of Plasmodium falciparum circumsporozoite protein-based slot blot and ELISA immuno-assays for oocyst detection in mosquito homogenates. <i>Malaria Journal</i> , 2015, 14, 451.	2.3	14
128	Assessing the infectious reservoir of falciparum malaria: past and future. <i>Trends in Parasitology</i> , 2015, 31, 287-296.	3.3	86
129	Infectiousness of the Human Population to Anopheles arabiensis by Direct Skin Feeding in an Area Hypoendemic for Malaria in Senegal. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 648-652.	1.4	30
130	Estimating malaria transmission from humans to mosquitoes in a noisy landscape. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150478.	3.4	9
131	Focal Screening to Identify the Subpatent Parasite Reservoir in an Area of Low and Heterogeneous Transmission in the Kenya Highlands. <i>Journal of Infectious Diseases</i> , 2015, 212, 1768-1777.	4.0	32
132	Assessing the impact of next-generation rapid diagnostic tests on Plasmodium falciparum malaria elimination strategies. <i>Nature</i> , 2015, 528, S94-S101.	27.8	115
133	Efficacy and Safety of Triple Combination Therapy With Artesunate-Amodiaquine-Methylene Blue for Falciparum Malaria in Children: A Randomized Controlled Trial in Burkina Faso. <i>Journal of Infectious Diseases</i> , 2015, 211, 689-697.	4.0	51
134	Efficacy and Safety of the Mosquitocidal Drug Ivermectin to Prevent Malaria Transmission After Treatment: A Double-Blind, Randomized, Clinical Trial. <i>Clinical Infectious Diseases</i> , 2015, 60, 357-365.	5.8	99
135	A Plasmodium falciparum 48/45 single epitope R0.6C subunit protein elicits high levels of transmission blocking antibodies. <i>Vaccine</i> , 2015, 33, 1981-1986.	3.8	57
136	Protection of Malian children from clinical malaria is associated with recognition of multiple antigens. <i>Malaria Journal</i> , 2015, 14, 56.	2.3	23
137	Flow-driven assembly of VWF fibres and webs in in vitro microvessels. <i>Nature Communications</i> , 2015, 6, 7858.	12.8	117
138	Î-Thalassaemia trait is associated with Antibody prevalence against Malaria Antigens AMA-1 and MSP-1. <i>Journal of Tropical Pediatrics</i> , 2015, 61, 139-142.	1.5	5
139	Naturally acquired antibody responses to recombinant Pfs230 and Pfs48/45 transmission blocking vaccine candidates. <i>Journal of Infection</i> , 2015, 71, 117-127.	3.3	58
140	The Effect of Storage and Extraction Methods on Amplification of Plasmodium falciparum DNA from Dried Blood Spots. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 922-925.	1.4	41
141	Quantification of female and male Plasmodium falciparum gametocytes by reverse transcriptase quantitative PCR. <i>Molecular and Biochemical Parasitology</i> , 2015, 199, 29-33.	1.1	59
142	A combination of new screening assays for prioritization of transmission-blocking antimalarials reveals distinct dynamics of marketed and experimental drugs. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1357-1366.	3.0	49
143	Spatial Patterns of Plasmodium falciparum Clinical Incidence, Asymptomatic Parasite Carriage and Anopheles Density in Two Villages in Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 790-797.	1.4	21
144	Is asymptomatic malaria really asymptomatic? Hematological, vascular and inflammatory effects of asymptomatic malaria parasitemia. <i>Journal of Infection</i> , 2015, 71, 587-596.	3.3	49

#	ARTICLE	IF	CITATIONS
145	Modeling the Cost Effectiveness of Malaria Control Interventions in the Highlands of Western Kenya. PLoS ONE, 2014, 9, e107700.	2.5	38
146	High Levels of Asymptomatic and Subpatent Plasmodium falciparum Parasite Carriage at Health Facilities in an Area of Heterogeneous Malaria Transmission Intensity in the Kenyan Highlands. American Journal of Tropical Medicine and Hygiene, 2014, 91, 1101-1108.	1.4	24
147	Scale-up of Malaria Rapid Diagnostic Tests and Artemisinin-Based Combination Therapy: Challenges and Perspectives in Sub-Saharan Africa. PLoS Medicine, 2014, 11, e1001590.	8.4	68
148	Measuring Changes in Plasmodium falciparum Transmission. Advances in Parasitology, 2014, 84, 151-208.	3.2	151
149	Asymptomatic malaria infections: detectability, transmissibility and public health relevance. Nature Reviews Microbiology, 2014, 12, 833-840.	28.6	514
150	Glucose-6-Phosphate Dehydrogenase Status and Risk of Hemolysis in Plasmodium falciparum-Infected African Children Receiving Single-Dose Primaquine. Antimicrobial Agents and Chemotherapy, 2014, 58, 4971-4973.	3.2	28
151	Single dose primaquine for clearance of Plasmodium falciparum gametocytes in children with uncomplicated malaria in Uganda: a randomised, controlled, double-blind, dose-ranging trial. Lancet Infectious Diseases, The, 2014, 14, 130-139.	9.1	100
152	Validation of three geolocation strategies for health-facility attendees for research and public health surveillance in a rural setting in western Kenya. Epidemiology and Infection, 2014, 142, 1978-1989.	2.1	17
153	Is Housing Quality Associated with Malaria Incidence among Young Children and Mosquito Vector Numbers? Evidence from Korogwe, Tanzania. PLoS ONE, 2014, 9, e87358.	2.5	48
154	Influence of infection on malaria-specific antibody dynamics in a cohort exposed to intense malaria transmission in northern Uganda. Parasite Immunology, 2013, 35, 164-173.	1.5	40
155	Persistent detection of Plasmodium falciparum, P. malariae, P. ovale curtisi and P. ovale wallikeri after ACT treatment of asymptomatic Ghanaian school-children. International Journal for Parasitology: Drugs and Drug Resistance, 2013, 3, 45-50.	3.4	89
156	Can field-based mosquito feeding assays be used for evaluating transmission-blocking interventions?. Trends in Parasitology, 2013, 29, 53-59.	3.3	45
157	Targeting Asymptomatic Malaria Infections: Active Surveillance in Control and Elimination. PLoS Medicine, 2013, 10, e1001467.	8.4	274
158	The Polymorphic Linker Domain of pfmdr1 Is Associated with Resistance-Confering Mutations in Plasmodium falciparum Populations from East and West Africa. Antimicrobial Agents and Chemotherapy, 2013, 57, 4595-4598.	3.2	3
159	Reliability of School Surveys in Estimating Geographic Variation in Malaria Transmission in the Western Kenyan Highlands. PLoS ONE, 2013, 8, e77641.	2.5	46
160	Predicting mosquito infection from Plasmodium falciparum gametocyte density and estimating the reservoir of infection. ELife, 2013, 2, e00626.	6.0	175
161	Hitting Hotspots: Spatial Targeting of Malaria for Control and Elimination. PLoS Medicine, 2012, 9, e1001165.	8.4	460
162	Investigation of Outbreaks Complicated by Universal Exposure. Emerging Infectious Diseases, 2012, 18, 1717-22.	4.3	9

#	ARTICLE	IF	CITATIONS
163	IgG Responses to Anopheles gambiae Salivary Antigen gSG6 Detect Variation in Exposure to Malaria Vectors and Disease Risk. PLoS ONE, 2012, 7, e40170.	2.5	44
164	The Potential Contribution of Mass Treatment to the Control of Plasmodium falciparum Malaria. PLoS ONE, 2011, 6, e20179.	2.5	121
165	Serological Markers Suggest Heterogeneity of Effectiveness of Malaria Control Interventions on Bioko Island, Equatorial Guinea. PLoS ONE, 2011, 6, e25137.	2.5	103
166	Human immune responses that reduce the transmission of Plasmodium falciparum in African populations. International Journal for Parasitology, 2011, 41, 293-300.	3.1	56
167	Plasmodium ovale curtisi and Plasmodium ovale wallikeri circulate simultaneously in African communities. International Journal for Parasitology, 2011, 41, 677-683.	3.1	125
168	Adjusting for Heterogeneity of Malaria Transmission in Longitudinal Studies. Journal of Infectious Diseases, 2011, 204, 1-3.	4.0	65
169	Naturally Acquired Immune Responses to Plasmodium falciparum Sexual Stage Antigens Pfs48/45 and Pfs230 in an Area of Seasonal Transmission. Infection and Immunity, 2011, 79, 4957-4964.	2.2	81
170	Epidemiology and Infectivity of Plasmodium falciparum and Plasmodium vivax Gametocytes in Relation to Malaria Control and Elimination. Clinical Microbiology Reviews, 2011, 24, 377-410.	13.6	590
171	Continuing Intense Malaria Transmission in Northern Uganda. American Journal of Tropical Medicine and Hygiene, 2011, 84, 830-837.	1.4	46
172	A Research Agenda for Malaria Eradication: Basic Science and Enabling Technologies. PLoS Medicine, 2011, 8, e1000399.	8.4	51
173	The Dynamics of Naturally Acquired Immune Responses to Plasmodium falciparum Sexual Stage Antigens Pfs230 & Pfs48/45 in a Low Endemic Area in Tanzania. PLoS ONE, 2010, 5, e14114.	2.5	84
174	In Tanzania, Hemolysis after a Single Dose of Primaquine Coadministered with an Artemisinin Is Not Restricted to Glucose-6-Phosphate Dehydrogenase-Deficient (G6PD Aa ⁻) Individuals. Antimicrobial Agents and Chemotherapy, 2010, 54, 1762-1768.	3.2	93
175	Reducing Plasmodium falciparum Malaria Transmission in Africa: A Model-Based Evaluation of Intervention Strategies. PLoS Medicine, 2010, 7, e1000324.	8.4	451
176	Serologic Markers for Detecting Malaria in Areas of Low Endemicity, Somalia, 2008. Emerging Infectious Diseases, 2010, 16, 392-399.	4.3	114
177	Rapid Assessment of Malaria Transmission Using Age-Specific Sero-Conversion Rates. PLoS ONE, 2009, 4, e6083.	2.5	151
178	Substantial Contribution of Submicroscopical Plasmodium falciparum Gametocyte Carriage to the Infectious Reservoir in an Area of Seasonal Transmission. PLoS ONE, 2009, 4, e8410.	2.5	169
179	The suitability of clay pots for indoor sampling of mosquitoes in an arid area in northern Tanzania. Acta Tropica, 2009, 111, 197-199.	2.0	18
180	Submicroscopic Gametocytes and the Transmission of Antifolate-Resistant Plasmodium falciparum in Western Kenya. PLoS ONE, 2009, 4, e4364.	2.5	20

#	ARTICLE	IF	CITATIONS
181	Seasonal patterns of <i>Plasmodium falciparum</i> gametocyte prevalence and density in a rural population of Burkina Faso. <i>Acta Tropica</i> , 2008, 105, 28-34.	2.0	32
182	A longitudinal study of immune responses to <i>Plasmodium falciparum</i> sexual stage antigens in Tanzanian adults. <i>Parasite Immunology</i> , 2007, 29, 309-317.	1.5	61
183	Submicroscopic <i>Plasmodium falciparum</i> gametocyte carriage is common in an area of low and seasonal transmission in Tanzania. <i>Tropical Medicine and International Health</i> , 2007, 12, 547-553.	2.3	115
184	Primaquine Clears Submicroscopic <i>Plasmodium falciparum</i> Gametocytes that Persist after Treatment with Sulphadoxine-Pyrimethamine and Artesunate. <i>PLoS ONE</i> , 2007, 2, e1023.	2.5	117
185	Transmission-reducing immunity is inversely related to age in <i>Plasmodium falciparum</i> gametocyte carriers. <i>Parasite Immunology</i> , 2006, 28, 185-190.	1.5	70
186	(Sub)microscopic <i>Plasmodium falciparum</i> gametocytaemia in Kenyan children after treatment with sulphadoxine-pyrimethamine monotherapy or in combination with artesunate. <i>International Journal for Parasitology</i> , 2006, 36, 403-408.	3.1	85
187	The epidemiology of <i>Plasmodium falciparum</i> gametocytes: weapons of mass dispersion. <i>Trends in Parasitology</i> , 2006, 22, 424-430.	3.3	166
188	Sexual-Stage Antibody Responses to <i>P. falciparum</i> in Endemic Populations. <i>Current Molecular Medicine</i> , 2006, 6, 223-229.	1.3	53
189	A randomized, placebo-controlled, double-blind trial on sulfadoxine-pyrimethamine alone or combined with artesunate or amodiaquine in uncomplicated malaria. <i>Tropical Medicine and International Health</i> , 2005, 10, 512-520.	2.3	56
190	<i>Plasmodium falciparum</i> dhfr but not dhps mutations associated with sulphadoxine-pyrimethamine treatment failure and gametocyte carriage in northern Ghana. <i>Tropical Medicine and International Health</i> , 2005, 10, 901-908.	2.3	63
191	Carriage of Chloroquine-Resistant Parasites and Delay of Effective Treatment Increase the Risk of Severe Malaria in Gambian Children. <i>Journal of Infectious Diseases</i> , 2005, 192, 1651-1657.	4.0	44
192	Intraspecies Variability in the Dose-Response Relationship for <i>Salmonella</i> Enteritidis Associated with Genetic Differences in Cellular Immune Response. <i>Journal of Food Protection</i> , 2004, 67, 2008-2015.	1.7	3
193	Parasite infectivity and immunity to <i>Plasmodium falciparum</i> gametocytes in Gambian children. <i>Parasite Immunology</i> , 2004, 26, 159-165.	1.5	40
194	Treatment failure of pyrimethamine-sulphadoxine and induction of <i>Plasmodium falciparum</i> gametocytaemia in children in western Kenya. <i>Tropical Medicine and International Health</i> , 2003, 8, 427-430.	2.3	47
195	A rat model for dose-response relationships of <i>Salmonella</i> Enteritidis infection. <i>Journal of Applied Microbiology</i> , 2001, 91, 442-452.	3.1	44
196	Polymorphisms in the Vitamin D Receptor Gene and the Androgen Receptor Gene and the Risk of Benign Prostatic Hyperplasia. <i>European Urology</i> , 2000, 37, 234-238.	1.9	55
197	Micro-epidemiological structuring of <i>Plasmodium falciparum</i> parasite populations in regions with varying transmission intensities in Africa.. <i>Wellcome Open Research</i> , 0, 2, 10.	1.8	7