Teun Bousema

List of Publications by Year in descending order

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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	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
2	Asymptomatic malaria infections: detectability, transmissibility and public health relevance. Nature Reviews Microbiology, 2014, 12, 833-840.	28.6	514
3	Hitting Hotspots: Spatial Targeting of Malaria for Control and Elimination. PLoS Medicine, 2012, 9, e1001165.	8.4	460
4	Reducing Plasmodium falciparum Malaria Transmission in Africa: A Model-Based Evaluation of Intervention Strategies. PLoS Medicine, 2010, 7, e1000324.	8.4	451
5	Targeting Asymptomatic Malaria Infections: Active Surveillance in Control and Elimination. PLoS Medicine, 2013, 10, e1001467.	8.4	274
6	Genomic epidemiology of artemisinin resistant malaria. ELife, 2016, 5, .	6.0	242
7	Integrated transcriptomic and proteomic analyses ofP. falciparumgametocytes: molecular insight into sex-specific processes and translational repression. Nucleic Acids Research, 2016, 44, 6087-6101.	14.5	216
8	Predicting mosquito infection from Plasmodium falciparum gametocyte density and estimating the reservoir of infection. ELife, 2013, 2, e00626.	6.0	175
9	Examining the human infectious reservoir for Plasmodium falciparum malaria in areas of differing transmission intensity. Nature Communications, 2017, 8, 1133.	12.8	174
10	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
11	The epidemiology of Plasmodium falciparum gametocytes: weapons of mass dispersion. Trends in Parasitology, 2006, 22, 424-430.	3.3	166
12	Rapid Assessment of Malaria Transmission Using Age-Specific Sero-Conversion Rates. PLoS ONE, 2009, 4, e6083.	2.5	151
13	Measuring Changes in Plasmodium falciparum Transmission. Advances in Parasitology, 2014, 84, 151-208.	3.2	151
14	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
15	Dynamics of the Human Infectious Reservoir for Malaria Determined by Mosquito Feeding Assays and Ultrasensitive Malaria Diagnosis in Burkina Faso. Journal of Infectious Diseases, 2016, 213, 90-99.	4.0	138
16	Plasmodium ovale curtisi and Plasmodium ovale wallikeri circulate simultaneously in African communities. International Journal for Parasitology, 2011, 41, 677-683.	3.1	125
17	The Potential Contribution of Mass Treatment to the Control of Plasmodium falciparum Malaria. PLoS ONE, 2011, 6, e20179.	2.5	121
18	The temporal dynamics and infectiousness of subpatent Plasmodium falciparum infections in relation to parasite density. Nature Communications, 2019, 10, 1433.	12.8	121

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19	Flow-driven assembly of VWF fibres and webs in in vitro microvessels. Nature Communications, 2015, 6, 7858.	12.8	117
20	Primaquine Clears Submicroscopic Plasmodium falciparum Gametocytes that Persist after Treatment with Sulphadoxine-Pyrimethamine and Artesunate. PLoS ONE, 2007, 2, e1023.	2.5	117
21	Submicroscopic Plasmodium falciparum gametocyte carriage is common in an area of low and seasonal transmission in Tanzania. Tropical Medicine and International Health, 2007, 12, 547-553.	2.3	115
22	Assessing the impact of next-generation rapid diagnostic tests on Plasmodium falciparum malaria elimination strategies. Nature, 2015, 528, S94-S101.	27.8	115
23	Serologic Markers for Detecting Malaria in Areas of Low Endemicity, Somalia, 2008. Emerging Infectious Diseases, 2010, 16, 392-399.	4.3	114
24	A potent series targeting the malarial cGMP-dependent protein kinase clears infection and blocks transmission. Nature Communications, 2017, 8, 430.	12.8	110
25	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
26	Gametocyte carriage in uncomplicated Plasmodium falciparum malaria following treatment with artemisinin combination therapy: a systematic review and meta-analysis of individual patient data. BMC Medicine, 2016, 14, 79.	5.5	104
27	Serological Markers Suggest Heterogeneity of Effectiveness of Malaria Control Interventions on Bioko Island, Equatorial Guinea. PLoS ONE, 2011, 6, e25137.	2.5	103
28	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
29	Efficacy and Safety of the Mosquitocidal Drug Ivermectin to Prevent Malaria Transmission After Treatment: A Double-Blind, Randomized, Clinical Trial. Clinical Infectious Diseases, 2015, 60, 357-365.	5.8	99
30	Safety and mosquitocidal efficacy of high-dose ivermectin when co-administered with dihydroartemisinin-piperaquine 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
31	An open dataset of Plasmodium falciparum genome variation in 7,000 worldwide samples. Wellcome Open Research, 2021, 6, 42.	1.8	97
32	In Tanzania, Hemolysis after a Single Dose of Primaquine Coadministered with an Artemisinin Is Not Restricted to Glucose-6-Phosphate Dehydrogenase-Deficient (G6PD Aâ^') Individuals. Antimicrobial Agents and Chemotherapy, 2010, 54, 1762-1768.	3.2	93
33	Predicting the likelihood and intensity of mosquito infection from sex specific Plasmodium falciparum gametocyte density. ELife, 2018, 7, .	6.0	93
34	The effect of mass mosquito trapping on malaria transmission and disease burden (SolarMal): a stepped-wedge cluster-randomised trial. Lancet, The, 2016, 388, 1193-1201.	13.7	91
35	Sources of persistent malaria transmission in a setting with effective malaria control in eastern Uganda: a longitudinal, observational cohort study. Lancet Infectious Diseases, The, 2021, 21, 1568-1578.	9.1	90
36	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

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37	The Impact of Hotspot-Targeted Interventions on Malaria Transmission in Rachuonyo South District in the Western Kenyan Highlands: A Cluster-Randomized Controlled Trial. PLoS Medicine, 2016, 13, e1001993.	8.4	89
38	Assessing the infectious reservoir of falciparum malaria: past and future. Trends in Parasitology, 2015, 31, 287-296.	3.3	86
39	(Sub)microscopic Plasmodium falciparum gametocytaemia in Kenyan children after treatment with sulphadoxine-pyrimethamine monotherapy or in combination with artesunate. International Journal for Parasitology, 2006, 36, 403-408.	3.1	85
40	A controlled human malaria infection model enabling evaluation of transmission-blocking interventions. Journal of Clinical Investigation, 2018, 128, 1551-1562.	8.2	85
41	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
42	Unravelling the immune signature of Plasmodium falciparum transmission-reducing immunity. Nature Communications, 2018, 9, 558.	12.8	83
43	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
44	A semi-automated luminescence based standard membrane feeding assay identifies novel small molecules that inhibit transmission of malaria parasites by mosquitoes. Scientific Reports, 2016, 5, 18704.	3.3	81
45	When Is a Plasmodium-Infected Mosquito an Infectious Mosquito?. Trends in Parasitology, 2020, 36, 705-716.	3.3	75
46	Anopheles stephensi Mosquitoes as Vectors of Plasmodium vivax and falciparum, Horn of Africa, 2019. Emerging Infectious Diseases, 2021, 27, 603-607.	4.3	74
47	Primaquine to reduce transmission of Plasmodium falciparum malaria in Mali: a single-blind, dose-ranging, adaptive randomised phase 2 trial. Lancet Infectious Diseases, The, 2016, 16, 674-684.	9.1	72
48	Transmission-reducing immunity is inversely related to age in Plasmodium falciparum gametocyte carriers. Parasite Immunology, 2006, 28, 185-190.	1.5	70
49	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
50	malERA: An updated research agenda for characterising the reservoir and measuring transmission in malaria elimination and eradication. PLoS Medicine, 2017, 14, e1002452.	8.4	70
51	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
52	Adjusting for Heterogeneity of Malaria Transmission in Longitudinal Studies. Journal of Infectious Diseases, 2011, 204, 1-3.	4.0	65
53	Plasmodium falciparum dhfr but not dhps mutations associated with sulphadoxine-pyrimethamine treatment failure and gametocyte carriage in northern Ghana. Tropical Medicine and International Health, 2005, 10, 901-908.	2.3	63
54	Naturally acquired immunity to sexual stageP. falciparumparasites. Parasitology, 2016, 143, 187-198.	1.5	63

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55	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
56	Immunity against sexual stage Plasmodium falciparum and Plasmodium vivax parasites. Immunological Reviews, 2020, 293, 190-215.	6.0	62
57	A longitudinal study of immune responses to Plasmodium falciparum sexual stage antigens in Tanzanian adults. Parasite Immunology, 2007, 29, 309-317.	1.5	61
58	Clinical determinants of early parasitological response to ACTs in African patients with uncomplicated falciparum malaria: a literature review and meta-analysis of individual patient data. BMC Medicine, 2015, 13, 212.	5.5	61
59	Variation in natural exposure to anopheles mosquitoes and its effects on malaria transmission. ELife, 2018, 7, .	6.0	60
60	Quantification of female and male Plasmodium falciparum gametocytes by reverse transcriptase quantitative PCR. Molecular and Biochemical Parasitology, 2015, 199, 29-33.	1.1	59
61	Naturally acquired antibody responses to recombinant Pfs230 and Pfs48/45 transmission blocking vaccine candidates. Journal of Infection, 2015, 71, 117-127.	3.3	58
62	The shape of the iceberg: quantification of submicroscopic Plasmodium falciparum and Plasmodium vivax parasitaemia and gametocytaemia in five low endemic settings in Ethiopia. Malaria Journal, 2017, 16, 99.	2.3	58
63	A Plasmodium falciparum 48/45 single epitope R0.6C subunit protein elicits high levels of transmission blocking antibodies. Vaccine, 2015, 33, 1981-1986.	3.8	57
64	Gametocytemia and Attractiveness of Plasmodium falciparumâ€“Infected Kenyan Children to Anopheles gambiae Mosquitoes. Journal of Infectious Diseases, 2017, 216, 291-295.	4.0	57
65	A randomized, placebo-controlled, double-blind trial on sulfadoxine-pyrimethamine alone or combined with artesunate or amodiaquine in uncomplicated malaria. Tropical Medicine and International Health, 2005, 10, 512-520.	2.3	56
66	Human immune responses that reduce the transmission of Plasmodium falciparum in African populations. International Journal for Parasitology, 2011, 41, 293-300.	3.1	56
67	Submicroscopic carriage of Plasmodium falciparum and Plasmodium vivax in a low endemic area in Ethiopia where no parasitaemia was detected by microscopy or rapid diagnostic test. Malaria Journal, 2015, 14, 303.	2.3	56
68	Polymorphisms in the Vitamin D Receptor Gene and the Androgen Receptor Gene and the Risk of Benign Prostatic Hyperplasia. European Urology, 2000, 37, 234-238.	1.9	55
69	Lack of K13 mutations in Plasmodium falciparum persisting after artemisinin combination therapy treatment of Kenyan children. Malaria Journal, 2016, 15, 36.	2.3	54
70	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
71	Sexual-Stage Antibody Responses to P. falciparum in Endemic Populations. Current Molecular Medicine, 2006, 6, 223-229.	1.3	53
72	Single low dose primaquine to reduce gametocyte carriage and Plasmodium falciparum transmission after artemether-lumefantrine in children with asymptomatic infection: a randomised, double-blind, placebo-controlled trial. BMC Medicine, 2016, 14, 40.	5.5	53

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73	Ivermectin as a novel complementary malaria control tool to reduce incidence and prevalence: a modelling study. Lancet Infectious Diseases, The, 2020, 20, 498-508.	9.1	53
74	Residual malaria transmission dynamics varies across The Gambia despite high coverage of control interventions. PLoS ONE, 2017, 12, e0187059.	2.5	52
75	A Research Agenda for Malaria Eradication: Basic Science and Enabling Technologies. PLoS Medicine, 2011, 8, e1000399.	8.4	51
76	Efficacy and Safety of Triple Combination Therapy With Artesunate-Amodiaquineâ€“Methylene Blue for Falciparum Malaria in Children: A Randomized Controlled Trial in Burkina Faso. Journal of Infectious Diseases, 2015, 211, 689-697.	4.0	51
77	An open dataset of Plasmodium falciparum genome variation in 7,000 worldwide samples. Wellcome Open Research, 2021, 6, 42.	1.8	51
78	A combination of new screening assays for prioritization of transmission-blocking antimalarials reveals distinct dynamics of marketed and experimental drugs. Journal of Antimicrobial Chemotherapy, 2015, 70, 1357-1366.	3.0	49
79	Is asymptomatic malaria really asymptomatic? Hematological, vascular and inflammatory effects of asymptomatic malaria parasitemia. Journal of Infection, 2015, 71, 587-596.	3.3	49
80	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
81	Reducing the Carbon Footprint of Academic Conferences: The Example of the American Society of Tropical Medicine and Hygiene. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1758-1761.	1.4	48
82	Treatment failure of pyrimethamine-sulphadoxine and induction of Plasmodium falciparum gametocytaemia in children in western Kenya. Tropical Medicine and International Health, 2003, 8, 427-430.	2.3	47
83	A Molecular Assay to Quantify Male and Female Plasmodium falciparum Gametocytes: Results From 2 Randomized Controlled Trials Using Primaquine for Gametocyte Clearance. Journal of Infectious Diseases, 2017, 216, 457-467.	4.0	47
84	A multiplex assay for the sensitive detection and quantification of male and female Plasmodium falciparum gametocytes. Malaria Journal, 2018, 17, 441.	2.3	47
85	Higher gametocyte production and mosquito infectivity in chronic compared to incident Plasmodium falciparum infections. Nature Communications, 2021, 12, 2443.	12.8	47
86	Continuing Intense Malaria Transmission in Northern Uganda. American Journal of Tropical Medicine and Hygiene, 2011, 84, 830-837.	1.4	46
87	Reliability of School Surveys in Estimating Geographic Variation in Malaria Transmission in the Western Kenyan Highlands. PLoS ONE, 2013, 8, e77641.	2.5	46
88	Sex-based differences in clearance of chronic Plasmodium falciparum infection. ELife, 2020, 9, .	6.0	46
89	Can field-based mosquito feeding assays be used for evaluating transmission-blocking interventions?. Trends in Parasitology, 2013, 29, 53-59.	3.3	45
90	Malaria Hotspots: Is There Epidemiological Evidence for Fine-Scale Spatial Targeting of Interventions?. Trends in Parasitology, 2019, 35, 822-834.	3.3	45

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91	A rat model for dose-response relationships of Salmonella Enteritidis infection. Journal of Applied Microbiology, 2001, 91, 442-452.	3.1	44
92	Carriage of Chloroquineâ€Resistant Parasites and Delay of Effective Treatment Increase the Risk of Severe Malaria in Gambian Children. Journal of Infectious Diseases, 2005, 192, 1651-1657.	4.0	44
93	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
94	Liver Injury in Uncomplicated Malaria is an Overlooked Phenomenon: An Observational Study. EBioMedicine, 2018, 36, 131-139.	6.1	43
95	Malaria Transmission, Infection, and Disease following Sustained Indoor Residual Spraying of Insecticide in Tororo, Uganda. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1525-1533.	1.4	43
96	Odours of Plasmodium falciparum-infected participants influence mosquito-host interactions. Scientific Reports, 2017, 7, 9283.	3.3	42
97	The Effect of Storage and Extraction Methods on Amplification of Plasmodium falciparum DNA from Dried Blood Spots. American Journal of Tropical Medicine and Hygiene, 2015, 92, 922-925.	1.4	41
98	Parasite infectivity and immunity to Plasmodium falciparum gametocytes in Gambian children. Parasite Immunology, 2004, 26, 159-165.	1.5	40
99	Influence of infection on malariaâ€specific antibody dynamics in a cohort exposed to intense malaria transmission in northern <scp>U</scp>ganda. Parasite Immunology, 2013, 35, 164-173.	1.5	40
100	An inter-laboratory comparison of standard membrane-feeding assays for evaluation of malaria transmission-blocking vaccines. Malaria Journal, 2016, 15, 463.	2.3	40
101	Probabilistic data integration identifies reliable gametocyte-specific proteins and transcripts in malaria parasites. Scientific Reports, 2018, 8, 410.	3.3	39
102	Modeling the Cost Effectiveness of Malaria Control Interventions in the Highlands of Western Kenya. PLoS ONE, 2014, 9, e107700.	2.5	38
103	Characterizing microscopic and submicroscopic malaria parasitaemia at three sites with varied transmission intensity in Uganda. Malaria Journal, 2016, 15, 470.	2.3	38
104	Factors associated with high heterogeneity of malaria at fine spatial scale in the Western Kenyan highlands. Malaria Journal, 2016, 15, 307.	2.3	37
105	Age, Weight, and CYP2D6 Genotype Are Major Determinants of Primaquine Pharmacokinetics in African Children. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	37
106	Gametocyte Sex Ratio: The Key to Understanding Plasmodium falciparum Transmission?. Trends in Parasitology, 2019, 35, 226-238.	3.3	37
107	Evaluation of two lead malaria transmission blocking vaccine candidate antibodies in natural parasite-vector combinations. Scientific Reports, 2017, 7, 6766.	3.3	35
108	Variation in susceptibility of African Plasmodium falciparum malaria parasites to TEP1 mediated killing in Anopheles gambiae mosquitoes. Scientific Reports, 2016, 6, 20440.	3.3	34

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109	Persistence of Plasmodium falciparum parasitemia after artemisinin combination therapy: evidence from a randomized trial in Uganda. Scientific Reports, 2016, 6, 26330.	3.3	34
110	Determinants of Malaria Transmission at the Population Level. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a025510.	6.2	33
111	Serologic Markers of Previous Malaria Exposure and Functional Antibodies Inhibiting Parasite Growth Are Associated With Parasite Kinetics Following a Plasmodium falciparum Controlled Human Infection. Clinical Infectious Diseases, 2020, 70, 2544-2552.	5.8	33
112	Seasonal patterns of Plasmodium falciparum gametocyte prevalence and density in a rural population of Burkina Faso. Acta Tropica, 2008, 105, 28-34.	2.0	32
113	Focal Screening to Identify the Subpatent Parasite Reservoir in an Area of Low and Heterogeneous Transmission in the Kenya Highlands. Journal of Infectious Diseases, 2015, 212, 1768-1777.	4.0	32
114	Naturally acquired immunity against immature Plasmodium falciparum gametocytes. Science Translational Medicine, 2019, 11, .	12.4	31
115	Infectiousness of the Human Population to Anopheles arabiensis by Direct Skin Feeding in an Area Hypoendemic for Malaria in Senegal. American Journal of Tropical Medicine and Hygiene, 2015, 92, 648-652.	1.4	30
116	Reply to Gautret et al: hydroxychloroquine sulfate and azithromycin for COVID-19: what is the evidence and what are the risks?. International Journal of Antimicrobial Agents, 2020, 56, 106056.	2.5	29
117	Global patterns of submicroscopic Plasmodium falciparum malaria infection: insights from a systematic review and meta-analysis of population surveys. Lancet Microbe, The, 2021, 2, e366-e374.	7.3	29
118	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
119	Pharmacokineticsâ€Pharmacodynamics of Highâ€Dose Ivermectin with Dihydroartemisininâ€Piperaquine on Mosquitocidal Activity and <scp>QT</scp>â€Prolongation (<scp>IVERMAL</scp>). Clinical Pharmacology and Therapeutics, 2019, 105, 388-401.	4.7	28
120	Comparison of molecular quantification of Plasmodium falciparum gametocytes by Pfs25 qRT-PCR and QT-NASBA in relation to mosquito infectivity. Malaria Journal, 2016, 15, 539.	2.3	27
121	Safety of single low-dose primaquine in glucose-6-phosphate dehydrogenase deficient falciparum-infected African males: Two open-label, randomized, safety trials. PLoS ONE, 2018, 13, e0190272.	2.5	27
122	Mass Drug Administration With Dihydroartemisinin-piperaquine and Malaria Transmission Dynamics in The Gambia: A Prospective Cohort Study. Clinical Infectious Diseases, 2019, 69, 278-286.	5.8	27
123	Mechanisms of Plasmodium-Enhanced Attraction of Mosquito Vectors. Trends in Parasitology, 2017, 33, 961-973.	3.3	26
124	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
125	Antibody Responses to Antigenic Targets of Recent Exposure Are Associated With Low-Density Parasitemia in Controlled Human Plasmodium falciparum Infections. Frontiers in Microbiology, 2018, 9, 3300.	3.5	26
126	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	3.9	26

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127	Transmission of molecularly undetectable circulating parasite clones leads to high infection complexity in mosquitoes post feeding. International Journal for Parasitology, 2018, 48, 671-677.	3.1	25
128	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
129	The Gametocytocidal Efficacy of Different Single Doses of Primaquine with Dihydroartemisinin-piperaquine in Asymptomatic Parasite Carriers in The Gambia: A Randomized Controlled Trial. EBioMedicine, 2016, 13, 348-355.	6.1	24
130	Associations Between Helminth Infections, Plasmodium falciparum Parasite Carriage and Antibody Responses to Sexual and Asexual Stage Malarial Antigens. American Journal of Tropical Medicine and Hygiene, 2016, 95, 394-400.	1.4	24
131	Assessing Plasmodium falciparum transmission in mosquito-feeding assays using quantitative PCR. Malaria Journal, 2018, 17, 249.	2.3	24
132	Monoclonal antibodies block transmission of genetically diverse Plasmodium falciparum strains to mosquitoes. Npj Vaccines, 2021, 6, 101.	6.0	24
133	Protection of Malian children from clinical malaria is associated with recognition of multiple antigens. Malaria Journal, 2015, 14, 56.	2.3	23
134	Two-Faced Immunity? The Evidence for Antibody Enhancement of Malaria Transmission. Trends in Parasitology, 2019, 35, 140-153.	3.3	22
135	Efficacy of Single-Dose Primaquine With Artemisinin Combination Therapy on Plasmodium falciparum Gametocytes and Transmission: An Individual Patient Meta-Analysis. Journal of Infectious Diseases, 2022, 225, 1215-1226.	4.0	22
136	Spatial Patterns of Plasmodium falciparum Clinical Incidence, Asymptomatic Parasite Carriage and Anopheles Density in Two Villages in Mali. American Journal of Tropical Medicine and Hygiene, 2015, 93, 790-797.	1.4	21
137	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
138	Transmission-blocking Effects of Primaquine and Methylene Blue Suggest Plasmodium falciparum Gametocyte Sterilization Rather Than Effects on Sex Ratio. Clinical Infectious Diseases, 2019, 69, 1436-1439.	5.8	21
139	Submicroscopic Gametocytes and the Transmission of Antifolate-Resistant Plasmodium falciparum in Western Kenya. PLoS ONE, 2009, 4, e4364.	2.5	20
140	Infectivity of Microscopic and Submicroscopic Malaria Parasite Infections in Areas of Low Malaria Endemicity. Journal of Infectious Diseases, 2016, 213, 1516-1517.	4.0	19
141	Comparative assessment of An. gambiae and An. stephensi mosquitoes to determine transmission-reducing activity of antibodies against P. falciparum sexual stage antigens. Parasites and Vectors, 2017, 10, 489.	2.5	19
142	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. PLoS Medicine, 2020, 17, e1003370.	8.4	19
143	Molecular Markers for Sensitive Detection of Plasmodium falciparum Asexual Stage Parasites and their Application in a Malaria Clinical Trial. American Journal of Tropical Medicine and Hygiene, 2017, 97, 188-198.	1.4	19
144	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

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145	Pregnant Women: An Overlooked Asset to Plasmodium falciparum Malaria Elimination Campaigns?. Trends in Parasitology, 2017, 33, 510-518.	3.3	18
146	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. Lancet Infectious Diseases, The, 2020, 20, 953-963.	9.1	18
147	Asymptomatic School-Aged Children Are Important Drivers of Malaria Transmission in a High Endemicity Setting in Uganda. Journal of Infectious Diseases, 2022, 226, 708-713.	4.0	18
148	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
149	In vivo efficacy of artesunateâ€“amodiaquine and artemetherâ€“lumefantrine for the treatment of uncomplicated falciparum malaria: an open-randomized, non-inferiority clinical trial in South Kivu, Democratic Republic of Congo. Malaria Journal, 2016, 15, 455.	2.3	17
150	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
151	Plasmodium falciparum Gametocyte Density and Infectivity in Peripheral Blood and Skin Tissue of Naturally Infected Parasite Carriers in Burkina Faso. Journal of Infectious Diseases, 2021, 223, 1822-1830.	4.0	17
152	Semi-high-throughput detection of Plasmodium falciparum and Plasmodium vivax oocysts in mosquitoes using bead-beating followed by circumsporozoite ELISA and quantitative PCR. Malaria Journal, 2017, 16, 356.	2.3	16
153	A Randomized Clinical Trial to Compare Plasmodium falciparum Gametocytemia and Infectivity After Blood-Stage or Mosquito Biteâ€“Induced Controlled Malaria Infection. Journal of Infectious Diseases, 2021, 224, 1257-1265.	4.0	16
154	How delayed and non-adherent treatment contribute to onward transmission of malaria: a modelling study. BMJ Global Health, 2019, 4, e001856.	4.7	15
155	Human Direct Skin Feeding Versus Membrane Feeding to Assess the Mosquitocidal Efficacy of High-Dose Ivermectin (IVERMAL Trial). Clinical Infectious Diseases, 2019, 69, 1112-1119.	5.8	15
156	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. JMIR Research Protocols, 2020, 9, e20904.	1.0	15
157	A comparison of Plasmodium falciparum circumsporozoite protein-based slot blot and ELISA immuno-assays for oocyst detection in mosquito homogenates. Malaria Journal, 2015, 14, 451.	2.3	14
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