Grant Dorsey

List of Publications by Citations

175 papers	4,015 citations	35 h-index	56 g-index
200 ext. papers	5,071 ext. citations	7.1 avg, IF	5.1 L-index

#	Paper	IF	Citations
175	The evidence for improving housing to reduce malaria: a systematic review and meta-analysis. *Malaria Journal*, **2015**, 14, 209	3.6	164
174	Combination therapy for uncomplicated falciparum malaria in Ugandan children: a randomized trial. *JAMA - Journal of the American Medical Association*, **2007**, 297, 2210-9	27.4	139
173	Dihydroartemisinin-Piperaquine for the Prevention of Malaria in Pregnancy. *New England Journal of Medicine*, **2016**, 374, 928-39	59.2	134
172	Polymorphisms in the Plasmodium falciparum pfcrt and pfmdr-1 genes and clinical response to chloroquine in Kampala, Uganda. *Journal of Infectious Diseases*, **2001**, 183, 1417-20	7	131
171	Novel serologic biomarkers provide accurate estimates of recent Plasmodium falciparum exposure for individuals and communities. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E4438-47	11.5	130
170	Estimating the annual entomological inoculation rate for Plasmodium falciparum transmitted by Anopheles gambiae s.l. using three sampling methods in three sites in Uganda. *Malaria Journal*, **2014**, 13, 111	3.6	116
169	Malaria transmission, infection, and disease at three sites with varied transmission intensity in Uganda: implications for malaria control. *American Journal of Tropical Medicine and Hygiene*, **2015**, 92, 903-12	3.2	116
168	Sulfadoxine/pyrimethamine alone or with amodiaquine or artesunate for treatment of uncomplicated malaria: a longitudinal randomised trial. *Lancet, The*, **2002**, 360, 2031-8	40	108
167	Polymorphisms in K13 and falcipain-2 associated with artemisinin resistance are not prevalent in Plasmodium falciparum isolated from Ugandan children. *PLoS ONE*, **2014**, 9, e105690	3.7	91
166	FCRL5 Delineates Functionally Impaired Memory B Cells Associated with Plasmodium falciparum Exposure. *PLoS Pathogens*, **2015**, 11, e1004894	7.6	87
165	IFN□L-10 co-producing cells dominate the CD4 response to malaria in highly exposed children. *PLoS Pathogens*, **2014**, 10, e1003864	7.6	86
164	Measures of Malaria Burden after Long-Lasting Insecticidal Net Distribution and Indoor Residual Spraying at Three Sites in Uganda: A Prospective Observational Study. *PLoS Medicine*, **2016**, 13, e1002167	11.6	86
163	Loss and dysfunction of V□2+ □T cells are associated with clinical tolerance to malaria. *Science Translational Medicine*, **2014**, 6, 251ra117	17.5	83
162	Comparative impacts over 5 years of artemisinin-based combination therapies on Plasmodium falciparum polymorphisms that modulate drug sensitivity in Ugandan children. *Journal of Infectious Diseases*, **2014**, 210, 344-53	7	78
161	VALIDATION OF MICROSATELLITE MARKERS FOR USE IN GENOTYPING POLYCLONAL PLASMODIUM FALCIPARUM INFECTIONS. *American Journal of Tropical Medicine and Hygiene*, **2006**, 75, 836-842	3.2	70
160	Mind the gap: house structure and the risk of malaria in Uganda. *PLoS ONE*, **2015**, 10, e0117396	3.7	68
159	Safety, tolerability, and efficacy of repeated doses of dihydroartemisinin-piperaquine for prevention and treatment of malaria: a systematic review and meta-analysis. *Lancet Infectious Diseases, The*, **2017**, 17, 184-193	25.5	65

158	Protective efficacy and safety of three antimalarial regimens for the prevention of malaria in young Ugandan children: a randomized controlled trial. *PLoS Medicine*, **2014**, 11, e1001689	11.6	64
157	Validation of microsatellite markers for use in genotyping polyclonal Plasmodium falciparum infections. *American Journal of Tropical Medicine and Hygiene*, **2006**, 75, 836-42	3.2	63
156	Artesunate/Amodiaquine Versus Artemether/Lumefantrine for the Treatment of Uncomplicated Malaria in Uganda: A Randomized Trial. *Journal of Infectious Diseases*, **2016**, 213, 1134-42	7	57
155	THE REAL McCOIL: A method for the concurrent estimation of the complexity of infection and SNP allele frequency for malaria parasites. *PLoS Computational Biology*, **2017**, 13, e1005348	5	55
154	Quantification of anti-parasite and anti-disease immunity to malaria as a function of age and exposure. *ELife*, **2018**, 7,	8.9	55
153	Temporal changes in prevalence of molecular markers mediating antimalarial drug resistance in a high malaria transmission setting in Uganda. *American Journal of Tropical Medicine and Hygiene*, **2014**, 91, 54-61	3.2	53
152	Monthly sulfadoxine-pyrimethamine versus dihydroartemisinin-piperaquine for intermittent preventive treatment of malaria in pregnancy: a double-blind, randomised, controlled, superiority trial. *Lancet, The*, **2019**, 393, 1428-1439	40	49
151	Resurgence of Malaria Following Discontinuation of Indoor Residual Spraying of Insecticide in an Area of Uganda With Previously High-Transmission Intensity. *Clinical Infectious Diseases*, **2017**, 65, 453-460	11.6	45
150	Efficacy, safety, and tolerability of three regimens for prevention of malaria: a randomized, placebo-controlled trial in Ugandan schoolchildren. *PLoS ONE*, **2010**, 5, e13438	3.7	45
149	Estimating malaria parasite prevalence from community surveys in Uganda: a comparison of microscopy, rapid diagnostic tests and polymerase chain reaction. *Malaria Journal*, **2015**, 14, 528	3.6	43
148	Impact of antimalarial treatment and chemoprevention on the drug sensitivity of malaria parasites isolated from ugandan children. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 3018-30	5.9	42
147	Effect of long-lasting insecticidal nets with and without piperonyl butoxide on malaria indicators in Uganda (LLINEUP): a pragmatic, cluster-randomised trial embedded in a national LLIN distribution campaign. *Lancet, The*, **2020**, 395, 1292-1303	40	42
146	Factors associated with malaria parasitemia, anemia and serological responses in a spectrum of epidemiological settings in Uganda. *PLoS ONE*, **2015**, 10, e0118901	3.7	40
145	Relationships between infection with Plasmodium falciparum during pregnancy, measures of placental malaria, and adverse birth outcomes. *Malaria Journal*, **2017**, 16, 400	3.6	38
144	Rapid improvements to rural Ugandan housing and their association with malaria from intense to reduced transmission: a cohort study. *Lancet Planetary Health, The*, **2018**, 2, e83-e94	9.8	36
143	V2+ T cell response to malaria correlates with protection from infection but is attenuated with repeated exposure. *Scientific Reports*, **2017**, 7, 11487	4.9	35
142	Characterizing microscopic and submicroscopic malaria parasitaemia at three sites with varied transmission intensity in Uganda. *Malaria Journal*, **2016**, 15, 470	3.6	35
141	Why is malaria associated with poverty? Findings from a cohort study in rural Uganda. *Infectious Diseases of Poverty*, **2016**, 5, 78	10.4	35

140	Prevention of increasing rates of treatment failure by combining sulfadoxine-pyrimethamine with artesunate or amodiaquine for the sequential treatment of malaria. *Journal of Infectious Diseases*, **2003**, 188, 1231-8	7	34
139	Changing Antimalarial Drug Resistance Patterns Identified by Surveillance at Three Sites in Uganda. *Journal of Infectious Diseases*, **2017**, 215, 631-635	7	33
138	Decline of FoxP3+ Regulatory CD4 T Cells in Peripheral Blood of Children Heavily Exposed to Malaria. *PLoS Pathogens*, **2015**, 11, e1005041	7.6	32
137	Increased morbidity in early childhood among HIV-exposed uninfected children in Uganda is associated with breastfeeding duration. *Journal of Tropical Pediatrics*, **2014**, 60, 434-41	1.2	32
136	Longitudinal outcomes in a cohort of Ugandan children randomized to artemether-lumefantrine versus dihydroartemisinin-piperaquine for the treatment of malaria. *Clinical Infectious Diseases*, **2014**, 59, 509-16	11.6	32
135	Poor housing construction associated with increased malaria incidence in a cohort of young Ugandan children. *American Journal of Tropical Medicine and Hygiene*, **2015**, 92, 1207-13	3.2	30
134	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, 922-5	3.2	30
133	Gel versus capillary electrophoresis genotyping for categorizing treatment outcomes in two anti-malarial trials in Uganda. *Malaria Journal*, **2010**, 9, 19	3.6	29
132	Principal role of dihydropteroate synthase mutations in mediating resistance to sulfadoxine-pyrimethamine in single-drug and combination therapy of uncomplicated malaria in Uganda. *American Journal of Tropical Medicine and Hygiene*, **2004**, 71, 758-63	3.2	29
131	Both inflammatory and regulatory cytokine responses to malaria are blunted with increasing age in highly exposed children. *Malaria Journal*, **2017**, 16, 499	3.6	25
130	Impact of vector control interventions on malaria transmission intensity, outdoor vector biting rates and Anopheles mosquito species composition in Tororo, Uganda. *Malaria Journal*, **2019**, 18, 445	3.6	25
129	Artemether-Lumefantrine and Dihydroartemisinin-Piperaquine Exert Inverse Selective Pressure on Drug Sensitivity-Associated Haplotypes in Uganda. *Open Forum Infectious Diseases*, **2017**, 4, ofw229	1	24
128	Changing Molecular Markers of Antimalarial Drug Sensitivity across Uganda. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	24
127	Pareto rules for malaria super-spreaders and super-spreading. *Nature Communications*, **2019**, 10, 3939	17.4	23
126	The impact of age, temperature, and parasite density on treatment outcomes from antimalarial clinical trials in Kampala, Uganda. *American Journal of Tropical Medicine and Hygiene*, **2004**, 71, 531-6	3.2	23
125	Effector Phenotype of Plasmodium falciparum-Specific CD4+ T Cells Is Influenced by Both Age and Transmission Intensity in Naturally Exposed Populations. *Journal of Infectious Diseases*, **2015**, 212, 416-25	7	22
124	Timing of in utero malaria exposure influences fetal CD4 T cell regulatory versus effector differentiation. *Malaria Journal*, **2016**, 15, 497	3.6	22
123	Assessment of community-level effects of intermittent preventive treatment for malaria in schoolchildren in Jinja, Uganda (START-IPT trial): a cluster-randomised trial. *The Lancet Global Health*, **2018**, 6, e668-e679	13.6	21

122	Intermittent Preventive Treatment with Dihydroartemisinin-Piperaquine in Ugandan Schoolchildren Selects for Plasmodium falciparum Transporter Polymorphisms That Modify Drug Sensitivity. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 5649-54	5.9	21
121	B cell sub-types following acute malaria and associations with clinical immunity. *Malaria Journal*, **2016**, 15, 139	3.6	21
120	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	3.2	21
119	Active Case Finding for Malaria: A 3-Year National Evaluation of Optimal Approaches to Detect Infections and Hotspots Through Reactive Case Detection in the Low-transmission Setting of Eswatini. *Clinical Infectious Diseases*, **2020**, 70, 1316-1325	11.6	21
118	Frequent Malaria Drives Progressive V T-Cell Loss, Dysfunction, and CD16 Up-regulation During Early Childhood. *Journal of Infectious Diseases*, **2016**, 213, 1483-90	7	20
117	The Development of -Specific IL10 CD4 T Cells and Protection from Malaria in Children in an Area of High Malaria Transmission. *Frontiers in Immunology*, **2017**, 8, 1329	8.4	20
116	Forecasting malaria in a highly endemic country using environmental and clinical predictors. *Malaria Journal*, **2015**, 14, 245	3.6	20
115	In utero priming of highly functional effector T cell responses to human malaria. *Science Translational Medicine*, **2018**, 10,	17.5	20
114	Determination of the antimalarial drug piperaquine in small volume pediatric plasma samples by LC-MS/MS. *Bioanalysis*, **2014**, 6, 3081-9	2.1	19
113	Overall, anti-malarial, and non-malarial effect of intermittent preventive treatment during pregnancy with sulfadoxine-pyrimethamine on birthweight: a mediation analysis. *The Lancet Global Health*, **2020**, 8, e942-e953	13.6	19
112	Intermittent Preventive Treatment With Dihydroartemisinin-Piperaquine for the Prevention of Malaria Among HIV-Infected Pregnant Women. *Journal of Infectious Diseases*, **2017**, 216, 29-35	7	18
111	Quantifying Heterogeneous Malaria Exposure and Clinical Protection in a Cohort of Ugandan Children. *Journal of Infectious Diseases*, **2016**, 214, 1072-80	7	18
110	Persistent Parasitemia Despite Dramatic Reduction in Malaria Incidence After 3 Rounds of Indoor Residual Spraying in Tororo, Uganda. *Journal of Infectious Diseases*, **2019**, 219, 1104-1111	7	18
109	Effective Antimalarial Chemoprevention in Childhood Enhances the Quality of CD4+ T Cells and Limits Their Production of Immunoregulatory Interleukin 10. *Journal of Infectious Diseases*, **2016**, 214, 329-38	7	17
108	Measuring Socioeconomic Inequalities in Relation to Malaria Risk: A Comparison of Metrics in Rural Uganda. *American Journal of Tropical Medicine and Hygiene*, **2016**, 94, 650-8	3.2	16
107	Associations between urbanicity and malaria at local scales in Uganda. *Malaria Journal*, **2015**, 14, 374	3.6	16
106	Reductions in malaria in pregnancy and adverse birth outcomes following indoor residual spraying of insecticide in Uganda. *Malaria Journal*, **2016**, 15, 437	3.6	16
105	Dihydroartemisinin-piperaquine for intermittent preventive treatment of malaria during pregnancy and risk of malaria in early childhood: A randomized controlled trial. *PLoS Medicine*, **2018**, 15, e1002606	11.6	15

104	Variable piperaquine exposure significantly impacts protective efficacy of monthly dihydroartemisinin-piperaquine for the prevention of malaria in Ugandan children. *Malaria Journal*, **2015**, 14, 368	3.6	15
103	Household and maternal risk factors for malaria in pregnancy in a highly endemic area of Uganda: a prospective cohort study. *Malaria Journal*, **2019**, 18, 144	3.6	14
102	Heterogeneous exposure and hotspots for malaria vectors at three study sites in Uganda. *Gates Open Research*, **2018**, 2, 32	2.4	14
101	Spatio-temporal analysis of malaria vector density from baseline through intervention in a high transmission setting. *Parasites and Vectors*, **2016**, 9, 637	4	14
100	LLIN Evaluation in Uganda Project (LLINEUP) - Impact of long-lasting insecticidal nets with, and without, piperonyl butoxide on malaria indicators in Uganda: study protocol for a cluster-randomised trial. *Trials*, **2019**, 20, 321	2.8	13
99	Impact of Microscopic and Submicroscopic Parasitemia During Pregnancy on Placental Malaria in a High-Transmission Setting in Uganda. *Journal of Infectious Diseases*, **2019**, 220, 457-466	7	13
98	Malaria illness mediated by anaemia lessens cognitive development in younger Ugandan children. *Malaria Journal*, **2016**, 15, 210	3.6	13
97	Clinical consequences of submicroscopic malaria parasitaemia in Uganda. *Malaria Journal*, **2018**, 17, 67	3.6	13
96	Avidity of anti-malarial antibodies inversely related to transmission intensity at three sites in Uganda. *Malaria Journal*, **2017**, 16, 67	3.6	13
95	Artemisinin-based combination therapies are efficacious and safe for treatment of uncomplicated malaria in HIV-infected Ugandan children. *Clinical Infectious Diseases*, **2014**, 59, 446-53	11.6	13
94	Protective efficacy of prolonged co-trimoxazole prophylaxis in HIV-exposed children up to age 4 years for the prevention of malaria in Uganda: a randomised controlled open-label trial. *The Lancet Global Health*, **2014**, 2, e727-36	13.6	13
93	The Impact of an Intervention to Improve Malaria Care in Public Health Centers on Health Indicators of Children in Tororo, Uganda (PRIME): A Cluster-Randomized Trial. *American Journal of Tropical Medicine and Hygiene*, **2016**, 95, 358-367	3.2	13
92	Impact of Plasmodium falciparum malaria and intermittent preventive treatment of malaria in pregnancy on the risk of malaria in infants: a systematic review. *Malaria Journal*, **2019**, 18, 304	3.6	12
91	Factors affecting the electrocardiographic QT interval in malaria: A systematic review and meta-analysis of individual patient data. *PLoS Medicine*, **2020**, 17, e1003040	11.6	12
90	Population genomics of virulence genes of Plasmodium falciparum in clinical isolates from Uganda. *Scientific Reports*, **2017**, 7, 11810	4.9	12
89	IFN Responses to Pre-erythrocytic and Blood-stage Malaria Antigens Exhibit Differential Associations With Past Exposure and Subsequent Protection. *Journal of Infectious Diseases*, **2015**, 211, 1987-96	7	12
88	ClinEpiDB: an open-access clinical epidemiology database resource encouraging online exploration of complex studies. *Gates Open Research*, **2019**, 3, 1661	2.4	12
87	Admission Risk Score to Predict Inpatient Pediatric Mortality at Four Public Hospitals in Uganda. *PLoS ONE*, **2015**, 10, e0133950	3.7	12

86	The impact of an intervention to introduce malaria rapid diagnostic tests on fever case management in a high transmission setting in Uganda: A mixed-methods cluster-randomized trial (PRIME). *PLoS ONE*, **2017**, 12, e0170998	3.7	12
85	Statistical methods to derive efficacy estimates of anti-malarials for uncomplicated Plasmodium falciparum malaria: pitfalls and challenges. *Malaria Journal*, **2017**, 16, 430	3.6	11
84	Anti-malarial prescription practices among children admitted to six public hospitals in Uganda from 2011 to 2013. *Malaria Journal*, **2015**, 14, 331	3.6	11
83	Comparison of routine health management information system versus enhanced inpatient malaria surveillance for estimating the burden of malaria among children admitted to four hospitals in Uganda. *American Journal of Tropical Medicine and Hygiene*, **2015**, 92, 18-21	3.2	11
82	Performance of Loop-Mediated Isothermal Amplification for the Identification of Submicroscopic Infection in Uganda. *American Journal of Tropical Medicine and Hygiene*, **2017**, 97, 1777-1781	3.2	11
81	Sex-based differences in clearance of chronic infection. *ELife*, **2020**, 9,	8.9	11
80	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	25.5	11
79	Sex Disparity in Cord Blood FoxP3 CD4 T Regulatory Cells in Infants Exposed to Malaria In Utero. *Open Forum Infectious Diseases*, **2017**, 4, ofx022	1	10
78	Predicting Optimal Dihydroartemisinin-Piperaquine Regimens to Prevent Malaria During Pregnancy for Human Immunodeficiency Virus-Infected Women Receiving Efavirenz. *Journal of Infectious Diseases*, **2018**, 217, 964-972	7	10
77	A Novel Model of Asymptomatic Plasmodium Parasitemia That Recapitulates Elements of the Human Immune Response to Chronic Infection. *PLoS ONE*, **2016**, 11, e0162132	3.7	10
76	Association Between Recent Overnight Travel and Risk of Malaria: A Prospective Cohort Study at 3 Sites in Uganda. *Clinical Infectious Diseases*, **2019**, 68, 313-320	11.6	9
75	Intermittent preventive treatment with dihydroartemisinin-piperaquine and risk of malaria following cessation in young Ugandan children: a double-blind, randomised, controlled trial. *Lancet Infectious Diseases, The*, **2019**, 19, 962-972	25.5	9
74	Non-adherence to long-lasting insecticide treated bednet use following successful malaria control in Tororo, Uganda. *PLoS ONE*, **2020**, 15, e0243303	3.7	9
73	Modeling Prevention of Malaria and Selection of Drug Resistance with Different Dosing Schedules of Dihydroartemisinin-Piperaquine Preventive Therapy during Pregnancy in Uganda. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	9
72	The Impact of Multiple Rounds of Indoor Residual Spraying on Malaria Incidence and Hemoglobin Levels in a High-Transmission Setting. *Journal of Infectious Diseases*, **2020**, 221, 304-312	7	9
71	The impact of gravidity, symptomatology and timing of infection on placental malaria. *Malaria Journal*, **2020**, 19, 227	3.6	8
70	Is that a real oocyst? Insectary establishment and identification of Plasmodium falciparum oocysts in midguts of Anopheles mosquitoes fed on infected human blood in Tororo, Uganda. *Malaria Journal*, **2019**, 18, 287	3.6	8
69	Quality of inpatient pediatric case management for four leading causes of child mortality at six government-run Ugandan hospitals. *PLoS ONE*, **2015**, 10, e0127192	3.7	8

68	Associations between antibodies to a panel of Plasmodium falciparum specific antigens and response to sub-optimal antimalarial therapy in Kampala, Uganda. *PLoS ONE*, **2012**, 7, e52571	3.7	8
67	The impact of stopping and starting indoor residual spraying on malaria burden in Uganda. *Nature Communications*, **2021**, 12, 2635	17.4	8
66	Exposure to pesticides in utero impacts the fetal immune system and response to vaccination in infancy. *Nature Communications*, **2021**, 12, 132	17.4	8
65	The prevalence of histologic acute chorioamnionitis among HIV infected pregnant women in Uganda and its association with adverse birth outcomes. *PLoS ONE*, **2019**, 14, e0215058	3.7	7
64	The duration of chemoprophylaxis against malaria after treatment with artesunate-amodiaquine and artemether-lumefantrine and the effects of pfmdr1 86Y and pfcrt 76T: a meta-analysis of individual patient data. *BMC Medicine*, **2020**, 18, 47	11.4	7
63	Associations between red blood cell variants and malaria among children and adults from three areas of Uganda: a prospective cohort study. *Malaria Journal*, **2020**, 19, 21	3.6	7
62	Haemoglobin changes and risk of anaemia following treatment for uncomplicated falciparum malaria in sub-Saharan Africa. *BMC Infectious Diseases*, **2017**, 17, 443	4	7
61	ClinEpiDB: an open-access clinical epidemiology database resource encouraging online exploration of complex studies. *Gates Open Research*, **2019**, 3, 1661	2.4	7
60	Impact of intermittent preventive treatment of malaria in pregnancy with dihydroartemisinin-piperaquine versus sulfadoxine-pyrimethamine on the incidence of malaria in infancy: a randomized controlled trial. *BMC Medicine*, **2020**, 18, 207	11.4	7
59	Marked variation in prevalence of malaria-protective human genetic polymorphisms across Uganda. *Infection, Genetics and Evolution*, **2017**, 55, 281-287	4.5	6
58	Protective Effect of Indoor Residual Spraying of Insecticide on Preterm Birth Among Pregnant Women With HIV Infection in Uganda: A Secondary Data Analysis. *Journal of Infectious Diseases*, **2017**, 216, 1541-1549	7	6
57	Assessing the quality of tuberculosis evaluation for children with prolonged cough presenting to routine community health care settings in rural Uganda. *PLoS ONE*, **2014**, 9, e105935	3.7	6
56	The Impact of Control Interventions on Malaria Burden in Young Children in a Historically High-Transmission District of Uganda: A Pooled Analysis of Cohort Studies from 2007 to 2018. *American Journal of Tropical Medicine and Hygiene*, **2020**, 103, 785-792	3.2	6
55	Opsonized antigen activates V2+ T cells via CD16/FCRIIIa in individuals with chronic malaria exposure. *PLoS Pathogens*, **2020**, 16, e1008997	7.6	6
54	The age-specific incidence of hospitalized paediatric malaria in Uganda. *BMC Infectious Diseases*, **2020**, 20, 503	4	6
53	Relationships Between Measures of Malaria at Delivery and Adverse Birth Outcomes in a High-Transmission Area of Uganda. *Journal of Infectious Diseases*, **2020**, 222, 863-870	7	6
52	Systemic inflammation is associated with malaria and preterm birth in women living with HIV on antiretrovirals and co-trimoxazole. *Scientific Reports*, **2019**, 9, 6758	4.9	5
51	Efficacy and safety of artemether-lumefantrine for the treatment of uncomplicated malaria in the setting of three different chemopreventive regimens. *Malaria Journal*, **2015**, 14, 53	3.6	5

50	Drug resistance mediating Plasmodium falciparum polymorphisms and clinical presentations of parasitaemic children in Uganda. *Malaria Journal*, **2017**, 16, 125	3.6	5
49	Comparative Prevalence of Resistance-Associated Genetic Polymorphisms in Parasites Infecting Humans and Mosquitoes in Uganda. *American Journal of Tropical Medicine and Hygiene*, **2017**, 97, 1576-1580	3.3	5
48	Association of Inhibitory Killer Cell Immunoglobulin-like Receptor Ligands With Higher Plasmodium falciparum Parasite Prevalence. *Journal of Infectious Diseases*, **2021**, 224, 175-183	7	5
47	Identification and characterization of immature Anopheles and culicines (Diptera: Culicidae) at three sites of varying malaria transmission intensities in Uganda. *Malaria Journal*, **2020**, 19, 221	3.6	4
46	Intermittent preventive treatment of malaria delivered to primary schoolchildren provided effective individual protection in Jinja, Uganda: secondary outcomes of a cluster-randomized trial (START-IPT). *Malaria Journal*, **2019**, 18, 318	3.6	4
45	Case Report: Birth Outcome and Neurodevelopment in Placental Malaria Discordant Twins. *American Journal of Tropical Medicine and Hygiene*, **2019**, 100, 552-555	3.2	4
44	Associations between Malaria-Preventive Regimens and Plasmodium falciparum Drug Resistance-Mediating Polymorphisms in Ugandan Pregnant Women. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	4
43	Association between recent overnight travel and use of long-lasting insecticidal nets in rural Uganda: a prospective cohort study in Tororo. *Malaria Journal*, **2020**, 19, 405	3.6	4
42	Impact of seasonality and malaria control interventions on Anopheles density and species composition from three areas of Uganda with differing malaria endemicity. *Malaria Journal*, **2021**, 20, 138	3.6	4
41	Reduced Exposure to Piperaquine, Compared to Adults, in Young Children Receiving Dihydroartemisinin-Piperaquine as Malaria Chemoprevention. *Clinical Pharmacology and Therapeutics*, **2019**, 106, 1310-1318	6.1	3
40	Determination of piperaquine concentration in human plasma and the correlation of capillary versus venous plasma concentrations. *PLoS ONE*, **2020**, 15, e0233893	3.7	3
39	Single low-dose primaquine for blocking transmission of Plasmodium falciparum malaria - a proposed model-derived age-based regimen for sub-Saharan Africa. *BMC Medicine*, **2018**, 16, 11	11.4	3
38	Impact of COVID-19 on routine malaria indicators in rural Uganda: an interrupted time series analysis.. *Malaria Journal*, **2021**, 20, 475	3.6	3
37	HLA Alleles B53:01 and C06:02 Are Associated With Higher Risk of Parasitemia in a Cohort in Uganda. *Frontiers in Immunology*, **2021**, 12, 650028	8.4	3
36	Impact of a Rapid Decline in Malaria Transmission on Antimalarial IgG Subclasses and Avidity. *Frontiers in Immunology*, **2020**, 11, 576663	8.4	3
35	Gender difference in the incidence of malaria diagnosed at public health facilities in Uganda.. *Malaria Journal*, **2022**, 21, 22	3.6	2
34	Piperaquine Exposure Is Altered by Pregnancy, HIV, and Nutritional Status in Ugandan Women. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	2
33	Gravidity-dependent associations between interferon response and birth weight in placental malaria. *Malaria Journal*, **2020**, 19, 280	3.6	2

32	Age-Related Changes in Malaria Clinical Phenotypes During Infancy Are Modified by Sickle Cell Trait. *Clinical Infectious Diseases*, **2021**, 73, 1887-1895	11.6	2
31	Relationships between test positivity rate, total laboratory confirmed cases of malaria, and malaria incidence in high burden settings of Uganda: an ecological analysis. *Malaria Journal*, **2021**, 20, 42	3.6	2
30	Estimating the optimal interval between rounds of indoor residual spraying of insecticide using malaria incidence data from cohort studies. *PLoS ONE*, **2020**, 15, e0241033	3.7	1
29	Identifying an optimal dihydroartemisinin-piperaquine dosing regimen for malaria prevention in young Ugandan children. *Nature Communications*, **2021**, 12, 6714	17.4	1
28	Malaria Diagnosed in an Urban Setting Strongly Associated with Recent Overnight Travel: A Case-Control Study from Kampala, Uganda. *American Journal of Tropical Medicine and Hygiene*, **2020**, 103, 1517-1524	3.2	1
27	Associations between environmental covariates and temporal changes in malaria incidence in high transmission settings of Uganda: a distributed lag nonlinear analysis. *BMC Public Health*, **2021**, 21, 1962	4.1	1
26	Generation of a malaria negative Ugandan birth weight standard for the diagnosis of small for gestational age. *PLoS ONE*, **2020**, 15, e0240157	3.7	1
25	Infant sex modifies associations between placental malaria and risk of malaria in infancy. *Malaria Journal*, **2020**, 19, 449	3.6	1
24	Assessment of the accuracy of malaria microscopy in private health facilities in Entebbe Municipality, Uganda: a cross-sectional study. *Malaria Journal*, **2021**, 20, 250	3.6	1
23	Piperaquine induced QTc prolongation decreases with repeated monthly dihydroartemisinin-piperaquine dosing in pregnant Ugandan women. *Clinical Infectious Diseases*, **2021**,	11.6	1
22	Cost-effectiveness of intermittent preventive treatment with dihydroartemisinin-piperaquine for malaria during pregnancy: an analysis using efficacy results from Uganda and Kenya, and pooled data. *The Lancet Global Health*, **2020**, 8, e1512-e1523	13.6	0
21	A quasi-experimental study estimating the impact of long-lasting insecticidal nets with and without piperonyl butoxide on pregnancy outcomes.. *Malaria Journal*, **2022**, 21, 5	3.6	0
20	Estimating malaria incidence from routine health facility-based surveillance data in Uganda. *Malaria Journal*, **2020**, 19, 445	3.6	0
19	Within-household clustering of genetically related Plasmodium falciparum infections in a moderate transmission area of Uganda. *Malaria Journal*, **2021**, 20, 68	3.6	0
18	Deletions of pfhrp2 and pfhrp3 genes were uncommon in rapid diagnostic test-negative Plasmodium falciparum isolates from Uganda. *Malaria Journal*, **2021**, 20, 4	3.6	0
17	House design and risk of malaria, acute respiratory infection and gastrointestinal illness in Uganda: A cohort study. *PLOS Global Public Health*, **2022**, 2, e0000063		0
16	Increased malaria parasitaemia among adults living with HIV who have discontinued cotrimoxazole prophylaxis in Kitgum district, Uganda. *PLoS ONE*, **2020**, 15, e0240838	3.7	
15	Malaria burden in a birth cohort of HIV-exposed uninfected Ugandan infants living in a high malaria transmission setting. *Malaria Journal*, **2016**, 15, 500	3.6	

List of Publications

14 Determination of piperaquine concentration in human plasma and the correlation of capillary versus venous plasma concentrations **2020**, 15, e0233893

13 Determination of piperaquine concentration in human plasma and the correlation of capillary versus venous plasma concentrations **2020**, 15, e0233893

12 Determination of piperaquine concentration in human plasma and the correlation of capillary versus venous plasma concentrations **2020**, 15, e0233893

11 Determination of piperaquine concentration in human plasma and the correlation of capillary versus venous plasma concentrations **2020**, 15, e0233893

10 Determination of piperaquine concentration in human plasma and the correlation of capillary versus venous plasma concentrations **2020**, 15, e0233893

9 Determination of piperaquine concentration in human plasma and the correlation of capillary versus venous plasma concentrations **2020**, 15, e0233893

8 Estimating the optimal interval between rounds of indoor residual spraying of insecticide using malaria incidence data from cohort studies **2020**, 15, e0241033

7 Estimating the optimal interval between rounds of indoor residual spraying of insecticide using malaria incidence data from cohort studies **2020**, 15, e0241033

6 Estimating the optimal interval between rounds of indoor residual spraying of insecticide using malaria incidence data from cohort studies **2020**, 15, e0241033

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1 Estimating the optimal interval between rounds of indoor residual spraying of insecticide using malaria incidence data from cohort studies **2020**, 15, e0241033