

# Bryan R Greenhouse

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165  
papers

5,076  
citations

42  
h-index

63  
g-index

192  
ext. papers

6,650  
ext. citations

6.8  
avg, IF

5.42  
L-index

#	Paper	IF	Citations
165	Inferring person-to-person networks of Plasmodium falciparum transmission: are analyses of routine surveillance data up to the task?. <i>Malaria Journal</i> , <b>2022</b> , 21, 58	3.6	
164	Serological evaluation of the effectiveness of reactive focal mass drug administration and reactive vector control to reduce malaria transmission in Zambezi Region, Namibia: Results from a secondary analysis of a cluster randomised trial.. <i>EclinicalMedicine</i> , <b>2022</b> , 44, 101272	11.3	0
163	Persistence, Magnitude, and Patterns of Postacute Symptoms and Quality of Life Following Onset of SARS-CoV-2 Infection: Cohort Description and Approaches for Measurement.. <i>Open Forum Infectious Diseases</i> , <b>2022</b> , 9, ofab640	1	3
162	TNF- $\alpha$ CD4 T cells dominate the SARS-CoV-2 specific T cell response in COVID-19 outpatients and are associated with durable antibodies.. <i>Cell Reports Medicine</i> , <b>2022</b> , 100640	18	1
161	Using sero-epidemiology to monitor disparities in vaccination and infection with SARS-CoV-2.. <i>Nature Communications</i> , <b>2022</b> , 13, 2451	17.4	0
160	Longitudinal analysis of FcRL5 expression and clonal relationships among classical and atypical memory B cells following malaria. <i>Malaria Journal</i> , <b>2021</b> , 20, 435	3.6	0
159	Using sero-epidemiology to monitor disparities in vaccination and infection with SARS-CoV-2 <b>2021</b> ,		1
158	Universal Polymerase Chain Reaction and Antibody Testing Demonstrate Little to No Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 in a Rural Community. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofaa531	1	5
157	Community Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 Disproportionately Affects the Latinx Population During Shelter-in-Place in San Francisco. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, S127-S135	11.6	64
156	Long-Term SARS-CoV-2-Specific Immune and Inflammatory Responses Across a Clinically Diverse Cohort of Individuals Recovering from COVID-19 <b>2021</b> ,		4
155	91074 Identification of monoclonal antibodies with broad reactivity against the malaria parasite variant surface antigen responsible for severe malaria. <i>Journal of Clinical and Translational Science</i> , <b>2021</b> , 5, 18-19	0.4	
154	Engineering luminescent biosensors for point-of-care SARS-CoV-2 antibody detection. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 928-935	44.5	42
153	SARS-CoV-2 antibody magnitude and detectability are driven by disease severity, timing, and assay <b>2021</b> ,		13
152	multiSero: open multiplex-ELISA platform for analyzing antibody responses to SARS-CoV-2 infection <b>2021</b> ,		3
151	Comparison of infection control strategies to reduce COVID-19 outbreaks in homeless shelters in the United States: a simulation study. <i>BMC Medicine</i> , <b>2021</b> , 19, 116	11.4	3
150	Citywide serosurveillance of the initial SARS-CoV-2 outbreak in San Francisco using electronic health records. <i>Nature Communications</i> , <b>2021</b> , 12, 3566	17.4	10
149	Effectiveness and safety of reactive focal mass drug administration (rfMDA) using dihydroartemisinin-piperazine to reduce malaria transmission in the very low-endemic setting of Eswatini: a pragmatic cluster randomised controlled trial. <i>BMJ Global Health</i> , <b>2021</b> , 6,	6.6	3

148	Multiparametric biophysical profiling of red blood cells in malaria infection. <i>Communications Biology</i> , <b>2021</b> , 4, 697	6.7	3
147	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> , <b>2021</b> , 21, 1568-1578	25.5	11
146	Routine asymptomatic testing strategies for airline travel during the COVID-19 pandemic: a simulation study. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, 929-938	25.5	21
145	SARS-CoV-2 PCR and antibody testing for an entire rural community: methods and feasibility of high-throughput testing procedures. <i>Archives of Public Health</i> , <b>2021</b> , 79, 125	2.6	1
144	Evaluating the Performance of Malaria Genetics for Inferring Changes in Transmission Intensity Using Transmission Modeling. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 274-289	8.3	3
143	Markers of Immune Activation and Inflammation in Individuals With Postacute Sequelae of Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 1839-1848	7	20
142	Characterization and Biomarker Analyses of Post-COVID-19 Complications and Neurological Manifestations. <i>Cells</i> , <b>2021</b> , 10,	7.9	33
141	Persistent COVID-19-associated neurocognitive symptoms in non-hospitalized patients. <i>Journal of NeuroVirology</i> , <b>2021</b> , 27, 191-195	3.9	39
140	Citywide serosurveillance of the initial SARS-CoV-2 outbreak in San Francisco <b>2021</b> ,		4
139	Optimization of whole-genome sequencing of Plasmodium falciparum from low-density dried blood spot samples. <i>Malaria Journal</i> , <b>2021</b> , 20, 116	3.6	4
138	Within-household clustering of genetically related Plasmodium falciparum infections in a moderate transmission area of Uganda. <i>Malaria Journal</i> , <b>2021</b> , 20, 68	3.6	0
137	Parasite genetic diversity reflects continued residual malaria transmission in Vhembe District, a hotspot in the Limpopo Province of South Africa. <i>Malaria Journal</i> , <b>2021</b> , 20, 96	3.6	1
136	SARS-CoV-2 antibody magnitude and detectability are driven by disease severity, timing, and assay. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	39
135	Long-term SARS-CoV-2-specific immune and inflammatory responses in individuals recovering from COVID-19 with and without post-acute symptoms. <i>Cell Reports</i> , <b>2021</b> , 36, 109518	10.6	25
134	B Cell Receptor Repertoire Analysis in Malaria-Naive and Malaria-Experienced Individuals Reveals Unique Characteristics of Atypical Memory B Cells. <i>MSphere</i> , <b>2021</b> , 6, e0072621	5	2
133	Type I interferon autoantibodies are associated with systemic immune alterations in patients with COVID-19. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabh2624	17.5	34
132	Assessment of antigens and CRP in dried blood spots with multiplex malaria array. <i>Journal of Parasitic Diseases</i> , <b>2021</b> , 45, 479-489	1.3	2
131	Associations between red blood cell variants and malaria among children and adults from three areas of Uganda: a prospective cohort study. <i>Malaria Journal</i> , <b>2020</b> , 19, 21	3.6	7

130	Effectiveness of reactive focal mass drug administration and reactive focal vector control to reduce malaria transmission in the low malaria-endemic setting of Namibia: a cluster-randomised controlled, open-label, two-by-two factorial design trial. <i>Lancet, The</i> , <b>2020</b> , 395, 1361-1373	4.0	30
129	Multiplex Human Malaria Array: Quantifying Antigens for Malaria Rapid Diagnostics. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 102, 1366-1369	3.2	10
128	Malaria Transmission, Infection, and Disease following Sustained Indoor Residual Spraying of Insecticide in Tororo, Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 1525-1533	3.2	21
127	Sex-based differences in clearance of chronic infection. <i>ELife</i> , <b>2020</b> , 9,	8.9	11
126	Universal PCR and antibody testing demonstrate little to no transmission of SARS-CoV-2 in a rural community <b>2020</b> ,		2
125	Engineering luminescent biosensors for point-of-care SARS-CoV-2 antibody detection <b>2020</b> ,		7
124	Routine asymptomatic testing strategies for airline travel during the COVID-19 pandemic: a simulation analysis <b>2020</b> ,		5
123	Confirmation of the absence of local transmission and geographic assignment of imported falciparum malaria cases to China using microsatellite panel. <i>Malaria Journal</i> , <b>2020</b> , 19, 244	3.6	7
122	Sensitive, highly multiplexed sequencing of microhaplotypes from the Plasmodium falciparum heterozygote. <i>Journal of Infectious Diseases</i> , <b>2020</b> ,	7	10
121	Are Seroprevalence Estimates for Severe Acute Respiratory Syndrome Coronavirus 2 Biased?. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 222, 1772-1775	7	47
120	Spatial and genetic clustering of Plasmodium falciparum and Plasmodium vivax infections in a low-transmission area of Ethiopia. <i>Scientific Reports</i> , <b>2020</b> , 10, 19975	4.9	1
119	Estimating malaria incidence from routine health facility-based surveillance data in Uganda. <i>Malaria Journal</i> , <b>2020</b> , 19, 445	3.6	0
118	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. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 1316-1325	11.6	21
117	The Impact of Multiple Rounds of Indoor Residual Spraying on Malaria Incidence and Hemoglobin Levels in a High-Transmission Setting. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, 304-312	7	9
116	Rapid shifts in the age-specific burden of malaria following successful control interventions in four regions of Uganda. <i>Malaria Journal</i> , <b>2020</b> , 19, 128	3.6	6
115	High levels of imported asymptomatic malaria but limited local transmission in KwaZulu-Natal, a South African malaria-endemic province nearing malaria elimination. <i>Malaria Journal</i> , <b>2020</b> , 19, 152	3.6	9
114	Impact of a Rapid Decline in Malaria Transmission on Antimalarial IgG Subclasses and Avidity. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 576663	8.4	3
113	Pareto rules for malaria super-spreaders and super-spreading. <i>Nature Communications</i> , <b>2019</b> , 10, 3939	17.4	23

112	Applying next-generation sequencing to track falciparum malaria in sub-Saharan Africa. <i>Malaria Journal</i> , <b>2019</b> , 18, 268	3.6	21
111	High Genetic Diversity of Plasmodium falciparum in the Low-Transmission Setting of the Kingdom of Eswatini. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 1346-1354	7	15
110	FLASH: a next-generation CRISPR diagnostic for multiplexed detection of antimicrobial resistance sequences. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, e83	20.1	89
109	Impact of Microscopic and Submicroscopic Parasitemia During Pregnancy on Placental Malaria in a High-Transmission Setting in Uganda. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 457-466	7	13
108	Priority use cases for antibody-detecting assays of recent malaria exposure as tools to achieve and sustain malaria elimination. <i>Gates Open Research</i> , <b>2019</b> , 3, 131	2.4	27
107	Study protocol for a cluster-randomized split-plot design trial to assess the effectiveness of targeted active malaria case detection among high-risk populations in Southern Lao PDR (the AcME-Lao study). <i>Gates Open Research</i> , <b>2019</b> , 3, 1730	2.4	5
106	Using parasite genetic and human mobility data to infer local and cross-border malaria connectivity in Southern Africa. <i>ELife</i> , <b>2019</b> , 8,	8.9	38
105	Simultaneous Quantification of Antigens and Host Factor C-Reactive Protein in Asymptomatic Individuals with Confirmed Malaria by Use of a Novel Multiplex Immunoassay. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	15
104	Persistent Parasitemia Despite Dramatic Reduction in Malaria Incidence After 3 Rounds of Indoor Residual Spraying in Tororo, Uganda. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 1104-1111	7	18
103	Genetic Evidence of Focal Plasmodium falciparum Transmission in a Pre-elimination Setting in Southern Province, Zambia. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 1254-1263	7	13
102	Anatomy of a Hotspot: Chain and Seroepidemiology of Ebola Virus Transmission, Sukudu, Sierra Leone, 2015-16. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 1214-1221	7	12
101	Safety of Single-Dose Primaquine in G6PD-Deficient and G6PD-Normal Males in Mali Without Malaria: An Open-Label, Phase 1, Dose-Adjustment Trial. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 1298-1308	7.308	15
100	Antibody Profiling by Proteome Microarray with Multiplex Isotype Detection Reveals Overlap between Human and Aotus nancymae Controlled Malaria Infections. <i>Proteomics</i> , <b>2018</b> , 18, 1700277	4.8	7
99	Drug-Resistance and Population Structure of Plasmodium falciparum Across the Democratic Republic of Congo Using High-Throughput Molecular Inversion Probes. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, 946-955	7	44
98	Study protocol for a cluster randomised controlled factorial design trial to assess the effectiveness and feasibility of reactive focal mass drug administration and vector control to reduce malaria transmission in the low endemic setting of Namibia. <i>BMJ Open</i> , <b>2018</b> , 8, e019294	3	12
97	Costs and cost-effectiveness of malaria reactive case detection using loop-mediated isothermal amplification compared to microscopy in the low transmission setting of Aceh Province, Indonesia. <i>Malaria Journal</i> , <b>2018</b> , 17, 220	3.6	11
96	Dihydroartemisinin-piperaquine for intermittent preventive treatment of malaria during pregnancy and risk of malaria in early childhood: A randomized controlled trial. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002606	11.6	15
95	Clinical consequences of submicroscopic malaria parasitaemia in Uganda. <i>Malaria Journal</i> , <b>2018</b> , 17, 67	3.6	13

94	Elevated plasma abscisic acid is associated with asymptomatic falciparum malaria and with IgG/caspase-1-dependent immunity in Plasmodium yoelii-infected mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 8896	4.9	2
93	Heterogeneous exposure and hotspots for malaria vectors at three study sites in Uganda. <i>Gates Open Research</i> , <b>2018</b> , 2, 32	2.4	14
92	Taking Sharper Pictures of Malaria with CAMERAs: Combined Antibodies to Measure Exposure Recency Assays. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 99, 1120-1127	3.2	15
91	Quantification of anti-parasite and anti-disease immunity to malaria as a function of age and exposure. <i>ELife</i> , <b>2018</b> , 7,	8.9	55
90	Subpatent malaria in a low transmission African setting: a cross-sectional study using rapid diagnostic testing (RDT) and loop-mediated isothermal amplification (LAMP) from Zambezi region, Namibia. <i>Malaria Journal</i> , <b>2018</b> , 17, 480	3.6	15
89	Laboratory challenges of Plasmodium species identification in Aceh Province, Indonesia, a malaria elimination setting with newly discovered P. knowlesi. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006324	4.8	12
88	Mapping malaria by combining parasite genomic and epidemiologic data. <i>BMC Medicine</i> , <b>2018</b> , 16, 190	11.4	41
87	Limitations of Rapid Diagnostic Testing in Patients with Suspected Malaria: A Diagnostic Accuracy Evaluation from Swaziland, a Low-Endemicity Country Aiming for Malaria Elimination. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, 1221-1227	11.6	41
86	Low-Quality Housing Is Associated With Increased Risk of Malaria Infection: A National Population-Based Study From the Low Transmission Setting of Swaziland. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, ofx071	1	7
85	THE REAL McCOIL: A method for the concurrent estimation of the complexity of infection and SNP allele frequency for malaria parasites. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005348	5	55
84	VM+ T cell response to malaria correlates with protection from infection but is attenuated with repeated exposure. <i>Scientific Reports</i> , <b>2017</b> , 7, 11487	4.9	35
83	Population genomics of virulence genes of Plasmodium falciparum in clinical isolates from Uganda. <i>Scientific Reports</i> , <b>2017</b> , 7, 11810	4.9	12
82	Avidity of anti-malarial antibodies inversely related to transmission intensity at three sites in Uganda. <i>Malaria Journal</i> , <b>2017</b> , 16, 67	3.6	13
81	Drug resistance mediating Plasmodium falciparum polymorphisms and clinical presentations of parasitaemic children in Uganda. <i>Malaria Journal</i> , <b>2017</b> , 16, 125	3.6	5
80	Multiplex, DNase-free one-step reverse transcription PCR for Plasmodium 18S rRNA and spliced gametocyte-specific mRNAs. <i>Malaria Journal</i> , <b>2017</b> , 16, 208	3.6	11
79	Reply to Rossi et al. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 65, 1770-1771	11.6	1
78	The Development of -Specific IL10 CD4 T Cells and Protection from Malaria in Children in an Area of High Malaria Transmission. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1329	8.4	20
77	Performance of Loop-Mediated Isothermal Amplification for the Identification of Submicroscopic Infection in Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 97, 1777-1781	3.2	11



76	Performance of a High-Sensitivity Rapid Diagnostic Test for Malaria in Asymptomatic Individuals from Uganda and Myanmar and Naive Human Challenge Infections. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 97, 1540-1550	3.2	81
75	Changing Antimalarial Drug Resistance Patterns Identified by Surveillance at Three Sites in Uganda. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 631-635	7	33
74	Malaria risk factor assessment using active and passive surveillance data from Aceh Besar, Indonesia, a low endemic, malaria elimination setting with Plasmodium knowlesi, Plasmodium vivax, and Plasmodium falciparum. <i>Malaria Journal</i> , <b>2016</b> , 15, 468	3.6	59
73	Spatiotemporal Analysis of Malaria in Urban Ahmedabad (Gujarat), India: Identification of Hot Spots and Risk Factors for Targeted Intervention. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2016</b> , 95, 595-603	3.2	5
72	Quantifying Heterogeneous Malaria Exposure and Clinical Protection in a Cohort of Ugandan Children. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 1072-80	7	18
71	Mapping Malaria Risk in Low Transmission Settings: Challenges and Opportunities. <i>Trends in Parasitology</i> , <b>2016</b> , 32, 635-645	6.4	27
70	B cell sub-types following acute malaria and associations with clinical immunity. <i>Malaria Journal</i> , <b>2016</b> , 15, 139	3.6	21
69	Community-wide Prevalence of Malaria Parasitemia in HIV-Infected and Uninfected Populations in a High-Transmission Setting in Uganda. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 1971-8	7	10
68	Reductions in malaria in pregnancy and adverse birth outcomes following indoor residual spraying of insecticide in Uganda. <i>Malaria Journal</i> , <b>2016</b> , 15, 437	3.6	16
67	Characterizing microscopic and submicroscopic malaria parasitaemia at three sites with varied transmission intensity in Uganda. <i>Malaria Journal</i> , <b>2016</b> , 15, 470	3.6	35
66	Quantitative, model-based estimates of variability in the generation and serial intervals of Plasmodium falciparum malaria. <i>Malaria Journal</i> , <b>2016</b> , 15, 490	3.6	16
65	Measures of Malaria Burden after Long-Lasting Insecticidal Net Distribution and Indoor Residual Spraying at Three Sites in Uganda: A Prospective Observational Study. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1002167	11.6	86
64	Spatio-temporal analysis of malaria vector density from baseline through intervention in a high transmission setting. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 637	4	14
63	Effective Antimalarial Chemoprevention in Childhood Enhances the Quality of CD4+ T Cells and Limits Their Production of Immunoregulatory Interleukin 10. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 329-38	7	17
62	FCRL5 Delineates Functionally Impaired Memory B Cells Associated with Plasmodium falciparum Exposure. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004894	7.6	87
61	Characterising temporal trends in asymptomatic Plasmodium infections and transporter polymorphisms during transition from high to low transmission in Zanzibar, 2005-2013. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 33, 110-7	4.5	17
60	Poor housing construction associated with increased malaria incidence in a cohort of young Ugandan children. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 92, 1207-13	3.2	30
59	Reply to Goyal et al. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 1687	7	1

58	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> , <b>2015</b> , 92, 922-5	3.2	30
57	Novel serologic biomarkers provide accurate estimates of recent Plasmodium falciparum exposure for individuals and communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E4438-47	11.5	130
56	Malaria genotyping for epidemiologic surveillance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 6782-3	11.5	14
55	Malaria Molecular Epidemiology: Lessons from the International Centers of Excellence for Malaria Research Network. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 93, 79-86	3.2	59
54	Biosignatures of Exposure/Transmission and Immunity. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 93, 16-27	3.2	27
53	Estimating malaria parasite prevalence from community surveys in Uganda: a comparison of microscopy, rapid diagnostic tests and polymerase chain reaction. <i>Malaria Journal</i> , <b>2015</b> , 14, 528	3.6	43
52	Factors associated with malaria parasitemia, anemia and serological responses in a spectrum of epidemiological settings in Uganda. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118901	3.7	40
51	Decline of FoxP3+ Regulatory CD4 T Cells in Peripheral Blood of Children Heavily Exposed to Malaria. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005041	7.6	32
50	Impact of antimalarial treatment and chemoprevention on the drug sensitivity of malaria parasites isolated from ugandan children. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 3018-30	5.9	42
49	Malaria transmission, infection, and disease at three sites with varied transmission intensity in Uganda: implications for malaria control. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 92, 903-12	3.2	116
48	Effector Phenotype of Plasmodium falciparum-Specific CD4+ T Cells Is Influenced by Both Age and Transmission Intensity in Naturally Exposed Populations. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 416-25	7	22
47	Mapping residual transmission for malaria elimination. <i>ELife</i> , <b>2015</b> , 4,	8.9	42
46	Temporal changes in prevalence of molecular markers mediating antimalarial drug resistance in a high malaria transmission setting in Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2014</b> , 91, 54-61	3.2	53
45	Estimating the annual entomological inoculation rate for Plasmodium falciparum transmitted by Anopheles gambiae s.l. using three sampling methods in three sites in Uganda. <i>Malaria Journal</i> , <b>2014</b> , 13, 111	3.6	116
44	The path of least resistance: aggressive or moderate treatment?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20140566	4.4	63
43	Comparative impacts over 5 years of artemisinin-based combination therapies on Plasmodium falciparum polymorphisms that modulate drug sensitivity in Ugandan children. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 210, 344-53	7	78
42	IFN $\gamma$ -IL-10 co-producing cells dominate the CD4 response to malaria in highly exposed children. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003864	7.6	86
41	Loss and dysfunction of V $\alpha$ 2+ T cells are associated with clinical tolerance to malaria. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 251ra117	17.5	83



40	A micro-epidemiological analysis of febrile malaria in Coastal Kenya showing hotspots within hotspots. <i>ELife</i> , <b>2014</b> , 3, e02130	8.9	92
39	Biochemical and immunological mechanisms by which sickle cell trait protects against malaria. <i>Malaria Journal</i> , <b>2013</b> , 12, 317	3.6	55
38	Prevalence of PCR detectable malaria infection among febrile patients with a negative Plasmodium falciparum specific rapid diagnostic test in Zanzibar. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2013</b> , 88, 289-91	3.2	24
37	Epidemiology of subpatent Plasmodium falciparum infection: implications for detection of hotspots with imperfect diagnostics. <i>Malaria Journal</i> , <b>2013</b> , 12, 221	3.6	86
36	Targeting asymptomatic malaria infections: active surveillance in control and elimination. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001467	11.6	226
35	Fitness Consequences of Polymorphisms Inferred from Culture of Ugandan Parasites. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 4245-4251	5.9	17
34	Reactive case detection for malaria elimination: real-life experience from an ongoing program in Swaziland. <i>PLoS ONE</i> , <b>2013</b> , 8, e63830	3.7	87
33	The usefulness of rapid diagnostic tests in the new context of low malaria transmission in Zanzibar. <i>PLoS ONE</i> , <b>2013</b> , 8, e72912	3.7	44
32	Evidence for both innate and acquired mechanisms of protection from Plasmodium falciparum in children with sickle cell trait. <i>Blood</i> , <b>2012</b> , 119, 3808-14	2.2	52
31	Increasing incidence of malaria in children despite insecticide-treated bed nets and prompt anti-malarial therapy in Tororo, Uganda. <i>Malaria Journal</i> , <b>2012</b> , 11, 435	3.6	63
30	Surveillance for malaria elimination in Swaziland: a national cross-sectional study using pooled PCR and serology. <i>PLoS ONE</i> , <b>2012</b> , 7, e29550	3.7	69
29	Associations between antibodies to a panel of Plasmodium falciparum specific antigens and response to sub-optimal antimalarial therapy in Kampala, Uganda. <i>PLoS ONE</i> , <b>2012</b> , 7, e52571	3.7	8
28	Antibodies to Plasmodium falciparum antigens predict a higher risk of malaria but protection from symptoms once parasitemic. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204, 19-26	7	74
27	Limited ability of Plasmodium falciparum pfcr, pfmdr1, and pfnhe1 polymorphisms to predict quinine in vitro sensitivity or clinical effectiveness in Uganda. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 615-22	5.9	24
26	Incidence of malaria and efficacy of combination antimalarial therapies over 4 years in an urban cohort of Ugandan children. <i>PLoS ONE</i> , <b>2010</b> , 5, e11759	3.7	30
25	Selection of known Plasmodium falciparum resistance-mediating polymorphisms by artemether-lumefantrine and amodiaquine-sulfadoxine-pyrimethamine but not dihydroartemisinin-piperaquine in Burkina Faso. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 1949-54	5.9	80
24	In vitro sensitivities of Plasmodium falciparum to different antimalarial drugs in Uganda. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 1200-6	5.9	71
23	Gel versus capillary electrophoresis genotyping for categorizing treatment outcomes in two anti-malarial trials in Uganda. <i>Malaria Journal</i> , <b>2010</b> , 9, 19	3.6	29

22	PCR-based pooling of dried blood spots for detection of malaria parasites: optimization and application to a cohort of Ugandan children. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 3539-43	9.7	64
21	Decreasing efficacy of antimalarial combination therapy in Uganda is explained by decreasing host immunity rather than increasing drug resistance. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 758-65	7	27
20	Artemether-lumefantrine versus dihydroartemisinin-piperaquine for falciparum malaria: a longitudinal, randomized trial in young Ugandan children. <i>Clinical Infectious Diseases</i> , <b>2009</b> , 49, 1629-37	11.6	97
19	Factors determining the heterogeneity of malaria incidence in children in Kampala, Uganda. <i>Journal of Infectious Diseases</i> , <b>2008</b> , 198, 393-400	7	109
18	Artemether-lumefantrine versus dihydroartemisinin-piperaquine for treatment of malaria: a randomized trial. <i>PLOS Clinical Trials</i> , <b>2007</b> , 2, e20		115
17	Hepatotoxicity due to a drug interaction between amodiaquine plus artesunate and efavirenz. <i>Clinical Infectious Diseases</i> , <b>2007</b> , 44, 889-91	11.6	60
16	Impact of transmission intensity on the accuracy of genotyping to distinguish recrudescence from new infection in antimalarial clinical trials. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 3096-103	5.9	56
15	Selection of Plasmodium falciparum pfmdr1 alleles following therapy with artemether-lumefantrine in an area of Uganda where malaria is highly endemic. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 1893-5	5.9	129
14	The use of genotyping in antimalarial clinical trials: a systematic review of published studies from 1995-2005. <i>Malaria Journal</i> , <b>2006</b> , 5, 122	3.6	30
13	Validation of microsatellite markers for use in genotyping polyclonal Plasmodium falciparum infections. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2006</b> , 75, 836-42	3.2	63
12	VALIDATION OF MICROSATELLITE MARKERS FOR USE IN GENOTYPING POLYCLONAL PLASMODIUM FALCIPARUM INFECTIONS. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2006</b> , 75, 836-842	3.2	70
11	Urban malaria: primary caregivers knowledge, attitudes, practices and predictors of malaria incidence in a cohort of Ugandan children. <i>Tropical Medicine and International Health</i> , <b>2003</b> , 8, 685-92	2.3	48
10	Recombinant glycoprotein vaccines for human immunodeficiency virus-infected children and their effects on viral quasispecies. <i>Vaccine Journal</i> , <b>2002</b> , 9, 79-82		2
9	Mapping malaria by combining parasite genomic and epidemiologic data		1
8	Taking sharper pictures of malaria with CAMERAs: Combined Antibodies to Measure Exposure Recency Assays		1
7	Heterogeneous exposure and hotspots for malaria vectors at three study sites in Uganda. <i>Gates Open Research</i> , <b>2</b> , 32	2.4	1
6	Sensitive, highly multiplexed sequencing of microhaplotypes from the Plasmodium falciparum heterozygote		3
5	Sex-based differences in clearance of chronic Plasmodium falciparum infection		1

4	Comparison of infection control strategies to reduce COVID-19 outbreaks in homeless shelters in the United States: a simulation study	2
3	Heterogeneous Exposure and Hotspots for Malaria Vectors at Three Study Sites in Uganda	1
2	FLASH: A next-generation CRISPR diagnostic for multiplexed detection of antimicrobial resistance sequences	1
1	Effectiveness and safety of reactive focal mass drug administration (rfMDA) using dihydroartemisinin-piperaquine to reduce malaria transmission in very low-endemic setting of Eswatini: a pragmatic cluster randomised controlled trial	1