

Bryan R Greenhouse

List of Publications by Citations

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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	Targeting asymptomatic malaria infections: active surveillance in control and elimination. <i>PLoS Medicine</i> , 2013 , 10, e1001467	11.6	226
164	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> , 2015 , 112, E4438-47	11.5	130
163	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> , 2006 , 50, 1893-5	5.9	129
162	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> , 2014 , 13, 111	3.6	116
161	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> , 2015 , 92, 903-12	3.2	116
160	Artemether-lumefantrine versus dihydroartemisinin-piperaquine for treatment of malaria: a randomized trial. <i>PLOS Clinical Trials</i> , 2007 , 2, e20		115
159	Factors determining the heterogeneity of malaria incidence in children in Kampala, Uganda. <i>Journal of Infectious Diseases</i> , 2008 , 198, 393-400	7	109
158	Artemether-lumefantrine versus dihydroartemisinin-piperaquine for falciparum malaria: a longitudinal, randomized trial in young Ugandan children. <i>Clinical Infectious Diseases</i> , 2009 , 49, 1629-37	11.6	97
157	A micro-epidemiological analysis of febrile malaria in Coastal Kenya showing hotspots within hotspots. <i>ELife</i> , 2014 , 3, e02130	8.9	92
156	FLASH: a next-generation CRISPR diagnostic for multiplexed detection of antimicrobial resistance sequences. <i>Nucleic Acids Research</i> , 2019 , 47, e83	20.1	89
155	FCRL5 Delineates Functionally Impaired Memory B Cells Associated with Plasmodium falciparum Exposure. <i>PLoS Pathogens</i> , 2015 , 11, e1004894	7.6	87
154	Reactive case detection for malaria elimination: real-life experience from an ongoing program in Swaziland. <i>PLoS ONE</i> , 2013 , 8, e63830	3.7	87
153	IFN γ /IL-10 co-producing cells dominate the CD4 response to malaria in highly exposed children. <i>PLoS Pathogens</i> , 2014 , 10, e1003864	7.6	86
152	Epidemiology of subpatent Plasmodium falciparum infection: implications for detection of hotspots with imperfect diagnostics. <i>Malaria Journal</i> , 2013 , 12, 221	3.6	86
151	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> , 2016 , 13, e1002167	11.6	86
150	Loss and dysfunction of V α 24 ⁺ T cells are associated with clinical tolerance to malaria. <i>Science Translational Medicine</i> , 2014 , 6, 251ra117	17.5	83
149	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> , 2017 , 97, 1540-1550	3.2	81

148	Selection of known <i>Plasmodium falciparum</i> resistance-mediating polymorphisms by artemether-lumefantrine and amodiaquine-sulfadoxine-pyrimethamine but not dihydroartemisinin-piperaquine in Burkina Faso. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1949-54	5.9	80
147	Comparative impacts over 5 years of artemisinin-based combination therapies on <i>Plasmodium falciparum</i> polymorphisms that modulate drug sensitivity in Ugandan children. <i>Journal of Infectious Diseases</i> , 2014 , 210, 344-53	7	78
146	Antibodies to <i>Plasmodium falciparum</i> antigens predict a higher risk of malaria but protection from symptoms once parasitemic. <i>Journal of Infectious Diseases</i> , 2011 , 204, 19-26	7	74
145	In vitro sensitivities of <i>Plasmodium falciparum</i> to different antimalarial drugs in Uganda. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1200-6	5.9	71
144	VALIDATION OF MICROSATELLITE MARKERS FOR USE IN GENOTYPING POLYCLONAL PLASMODIUM FALCIPARUM INFECTIONS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 75, 836-842	3.2	70
143	Surveillance for malaria elimination in Swaziland: a national cross-sectional study using pooled PCR and serology. <i>PLoS ONE</i> , 2012 , 7, e29550	3.7	69
142	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> , 2010 , 48, 3539-43	9.7	64
141	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> , 2021 , 73, S127-S135	11.6	64
140	The path of least resistance: aggressive or moderate treatment?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140566	4.4	63
139	Increasing incidence of malaria in children despite insecticide-treated bed nets and prompt anti-malarial therapy in Tororo, Uganda. <i>Malaria Journal</i> , 2012 , 11, 435	3.6	63
138	Validation of microsatellite markers for use in genotyping polyclonal <i>Plasmodium falciparum</i> infections. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 75, 836-42	3.2	63
137	Hepatotoxicity due to a drug interaction between amodiaquine plus artesunate and efavirenz. <i>Clinical Infectious Diseases</i> , 2007 , 44, 889-91	11.6	60
136	Malaria Molecular Epidemiology: Lessons from the International Centers of Excellence for Malaria Research Network. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 93, 79-86	3.2	59
135	Malaria risk factor assessment using active and passive surveillance data from Aceh Besar, Indonesia, a low endemic, malaria elimination setting with <i>Plasmodium knowlesi</i> , <i>Plasmodium vivax</i> , and <i>Plasmodium falciparum</i> . <i>Malaria Journal</i> , 2016 , 15, 468	3.6	59
134	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> , 2007 , 51, 3096-103	5.9	56
133	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> , 2017 , 13, e1005348	5	55
132	Biochemical and immunological mechanisms by which sickle cell trait protects against malaria. <i>Malaria Journal</i> , 2013 , 12, 317	3.6	55
131	Quantification of anti-parasite and anti-disease immunity to malaria as a function of age and exposure. <i>ELife</i> , 2018 , 7,	8.9	55

130	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> , 2014 , 91, 54-61	3.2	53
129	Evidence for both innate and acquired mechanisms of protection from Plasmodium falciparum in children with sickle cell trait. <i>Blood</i> , 2012 , 119, 3808-14	2.2	52
128	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> , 2003 , 8, 685-92	2.3	48
127	Are Seroprevalence Estimates for Severe Acute Respiratory Syndrome Coronavirus 2 Biased?. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1772-1775	7	47
126	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> , 2018 , 218, 946-955	7	44
125	The usefulness of rapid diagnostic tests in the new context of low malaria transmission in Zanzibar. <i>PLoS ONE</i> , 2013 , 8, e72912	3.7	44
124	Estimating malaria parasite prevalence from community surveys in Uganda: a comparison of microscopy, rapid diagnostic tests and polymerase chain reaction. <i>Malaria Journal</i> , 2015 , 14, 528	3.6	43
123	Impact of antimalarial treatment and chemoprevention on the drug sensitivity of malaria parasites isolated from ugandan children. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 3018-30	5.9	42
122	Mapping residual transmission for malaria elimination. <i>ELife</i> , 2015 , 4,	8.9	42
121	Engineering luminescent biosensors for point-of-care SARS-CoV-2 antibody detection. <i>Nature Biotechnology</i> , 2021 , 39, 928-935	44.5	42
120	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> , 2017 , 64, 1221-1227	11.6	41
119	Mapping malaria by combining parasite genomic and epidemiologic data. <i>BMC Medicine</i> , 2018 , 16, 190	11.4	41
118	Factors associated with malaria parasitemia, anemia and serological responses in a spectrum of epidemiological settings in Uganda. <i>PLoS ONE</i> , 2015 , 10, e0118901	3.7	40
117	Persistent COVID-19-associated neurocognitive symptoms in non-hospitalized patients. <i>Journal of NeuroVirology</i> , 2021 , 27, 191-195	3.9	39
116	SARS-CoV-2 antibody magnitude and detectability are driven by disease severity, timing, and assay. <i>Science Advances</i> , 2021 , 7,	14.3	39
115	Using parasite genetic and human mobility data to infer local and cross-border malaria connectivity in Southern Africa. <i>ELife</i> , 2019 , 8,	8.9	38
114	V α T cell response to malaria correlates with protection from infection but is attenuated with repeated exposure. <i>Scientific Reports</i> , 2017 , 7, 11487	4.9	35
113	Characterizing microscopic and submicroscopic malaria parasitaemia at three sites with varied transmission intensity in Uganda. <i>Malaria Journal</i> , 2016 , 15, 470	3.6	35

112	Type I interferon autoantibodies are associated with systemic immune alterations in patients with COVID-19. <i>Science Translational Medicine</i> , 2021 , 13, eabh2624	17.5	34
111	Changing Antimalarial Drug Resistance Patterns Identified by Surveillance at Three Sites in Uganda. <i>Journal of Infectious Diseases</i> , 2017 , 215, 631-635	7	33
110	Characterization and Biomarker Analyses of Post-COVID-19 Complications and Neurological Manifestations. <i>Cells</i> , 2021 , 10,	7.9	33
109	Decline of FoxP3+ Regulatory CD4 T Cells in Peripheral Blood of Children Heavily Exposed to Malaria. <i>PLoS Pathogens</i> , 2015 , 11, e1005041	7.6	32
108	Poor housing construction associated with increased malaria incidence in a cohort of young Ugandan children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 92, 1207-13	3.2	30
107	The Effect of Storage and Extraction Methods on Amplification of Plasmodium falciparum DNA from Dried Blood Spots. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 92, 922-5	3.2	30
106	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> , 2020 , 395, 1361-1373	4.0	30
105	Incidence of malaria and efficacy of combination antimalarial therapies over 4 years in an urban cohort of Ugandan children. <i>PLoS ONE</i> , 2010 , 5, e11759	3.7	30
104	The use of genotyping in antimalarial clinical trials: a systematic review of published studies from 1995-2005. <i>Malaria Journal</i> , 2006 , 5, 122	3.6	30
103	Gel versus capillary electrophoresis genotyping for categorizing treatment outcomes in two anti-malarial trials in Uganda. <i>Malaria Journal</i> , 2010 , 9, 19	3.6	29
102	Biosignatures of Exposure/Transmission and Immunity. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 93, 16-27	3.2	27
101	Mapping Malaria Risk in Low Transmission Settings: Challenges and Opportunities. <i>Trends in Parasitology</i> , 2016 , 32, 635-645	6.4	27
100	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> , 2009 , 199, 758-65	7	27
99	Priority use cases for antibody-detecting assays of recent malaria exposure as tools to achieve and sustain malaria elimination. <i>Gates Open Research</i> , 2019 , 3, 131	2.4	27
98	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> , 2021 , 36, 109518	10.6	25
97	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> , 2013 , 88, 289-91	3.2	24
96	Limited ability of Plasmodium falciparum pfcr, pfmdr1, and pfhe1 polymorphisms to predict quinine in vitro sensitivity or clinical effectiveness in Uganda. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 615-22	5.9	24
95	Pareto rules for malaria super-spreaders and super-spreading. <i>Nature Communications</i> , 2019 , 10, 3939	17.4	23

94	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> , 2015 , 212, 416-237	7	22
93	Applying next-generation sequencing to track falciparum malaria in sub-Saharan Africa. <i>Malaria Journal</i> , 2019 , 18, 268	3.6	21
92	B cell sub-types following acute malaria and associations with clinical immunity. <i>Malaria Journal</i> , 2016 , 15, 139	3.6	21
91	Malaria Transmission, Infection, and Disease following Sustained Indoor Residual Spraying of Insecticide in Tororo, Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 1525-1533	3.2	21
90	Routine asymptomatic testing strategies for airline travel during the COVID-19 pandemic: a simulation study. <i>Lancet Infectious Diseases</i> , 2021 , 21, 929-938	25.5	21
89	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> , 2020 , 70, 1316-1325	11.6	21
88	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> , 2017 , 8, 1329	8.4	20
87	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> , 2021 , 224, 1839-1848	7	20
86	Quantifying Heterogeneous Malaria Exposure and Clinical Protection in a Cohort of Ugandan Children. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1072-80	7	18
85	Persistent Parasitemia Despite Dramatic Reduction in Malaria Incidence After 3 Rounds of Indoor Residual Spraying in Tororo, Uganda. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1104-1111	7	18
84	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> , 2015 , 33, 110-7	4.5	17
83	Fitness Consequences of Polymorphisms Inferred from Culture of Ugandan Parasites. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 4245-4251	5.9	17
82	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> , 2016 , 214, 329-38	7	17
81	Reductions in malaria in pregnancy and adverse birth outcomes following indoor residual spraying of insecticide in Uganda. <i>Malaria Journal</i> , 2016 , 15, 437	3.6	16
80	Quantitative, model-based estimates of variability in the generation and serial intervals of Plasmodium falciparum malaria. <i>Malaria Journal</i> , 2016 , 15, 490	3.6	16
79	High Genetic Diversity of Plasmodium falciparum in the Low-Transmission Setting of the Kingdom of Eswatini. <i>Journal of Infectious Diseases</i> , 2019 , 220, 1346-1354	7	15
78	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> , 2018 , 217, 1298-1308	7	15
77	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> , 2018 , 15, e1002606	11.6	15

76	Taking Sharper Pictures of Malaria with CAMERAs: Combined Antibodies to Measure Exposure Recency Assays. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 99, 1120-1127	3.2	15
75	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> , 2019 , 57,	9.7	15
74	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> , 2018 , 17, 480	3.6	15
73	Malaria genotyping for epidemiologic surveillance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6782-3	11.5	14
72	Heterogeneous exposure and hotspots for malaria vectors at three study sites in Uganda. <i>Gates Open Research</i> , 2018 , 2, 32	2.4	14
71	Spatio-temporal analysis of malaria vector density from baseline through intervention in a high transmission setting. <i>Parasites and Vectors</i> , 2016 , 9, 637	4	14
70	Impact of Microscopic and Submicroscopic Parasitemia During Pregnancy on Placental Malaria in a High-Transmission Setting in Uganda. <i>Journal of Infectious Diseases</i> , 2019 , 220, 457-466	7	13
69	Clinical consequences of submicroscopic malaria parasitaemia in Uganda. <i>Malaria Journal</i> , 2018 , 17, 67	3.6	13
68	Avidity of anti-malarial antibodies inversely related to transmission intensity at three sites in Uganda. <i>Malaria Journal</i> , 2017 , 16, 67	3.6	13
67	SARS-CoV-2 antibody magnitude and detectability are driven by disease severity, timing, and assay 2021 ,		13
66	Genetic Evidence of Focal Plasmodium falciparum Transmission in a Pre-elimination Setting in Southern Province, Zambia. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1254-1263	7	13
65	Anatomy of a Hotspot: Chain and Seroepidemiology of Ebola Virus Transmission, Sukudu, Sierra Leone, 2015-16. <i>Journal of Infectious Diseases</i> , 2018 , 217, 1214-1221	7	12
64	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> , 2018 , 8, e019294	3	12
63	Population genomics of virulence genes of Plasmodium falciparum in clinical isolates from Uganda. <i>Scientific Reports</i> , 2017 , 7, 11810	4.9	12
62	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> , 2018 , 12, e0006924	4.8	12
61	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> , 2018 , 17, 220	3.6	11
60	Multiplex, DNase-free one-step reverse transcription PCR for Plasmodium 18S rRNA and spliced gametocyte-specific mRNAs. <i>Malaria Journal</i> , 2017 , 16, 208	3.6	11
59	Performance of Loop-Mediated Isothermal Amplification for the Identification of Submicroscopic Infection in Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 97, 1777-1781	3.2	11

58	Sex-based differences in clearance of chronic infection. <i>ELife</i> , 2020 , 9,	8.9	11
57	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> , 2021 , 21, 1568-1578	25.5	11
56	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> , 2016 , 213, 1971-8	7	10
55	Multiplex Human Malaria Array: Quantifying Antigens for Malaria Rapid Diagnostics. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 102, 1366-1369	3.2	10
54	Sensitive, highly multiplexed sequencing of microhaplotypes from the Plasmodium falciparum heterozygote. <i>Journal of Infectious Diseases</i> , 2020 ,	7	10
53	Citywide serosurveillance of the initial SARS-CoV-2 outbreak in San Francisco using electronic health records. <i>Nature Communications</i> , 2021 , 12, 3566	17.4	10
52	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> , 2020 , 221, 304-312	7	9
51	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> , 2020 , 19, 152	3.6	9
50	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> , 2012 , 7, e52571	3.7	8
49	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> , 2017 , 4, ofx071	1	7
48	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> , 2020 , 19, 21	3.6	7
47	Antibody Profiling by Proteome Microarray with Multiplex Isotype Detection Reveals Overlap between Human and Aotus nancymae Controlled Malaria Infections. <i>Proteomics</i> , 2018 , 18, 1700277	4.8	7
46	Engineering luminescent biosensors for point-of-care SARS-CoV-2 antibody detection 2020 ,		7
45	Confirmation of the absence of local transmission and geographic assignment of imported falciparum malaria cases to China using microsatellite panel. <i>Malaria Journal</i> , 2020 , 19, 244	3.6	7
44	Rapid shifts in the age-specific burden of malaria following successful control interventions in four regions of Uganda. <i>Malaria Journal</i> , 2020 , 19, 128	3.6	6
43	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> , 2016 , 95, 595-603	3.2	5
42	Drug resistance mediating Plasmodium falciparum polymorphisms and clinical presentations of parasitaemic children in Uganda. <i>Malaria Journal</i> , 2017 , 16, 125	3.6	5
41	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> , 2019 , 3, 1730	2.4	5

40	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> , 2021 , 8, ofaa531	1	5
39	Routine asymptomatic testing strategies for airline travel during the COVID-19 pandemic: a simulation analysis 2020 ,		5
38	Long-Term SARS-CoV-2-Specific Immune and Inflammatory Responses Across a Clinically Diverse Cohort of Individuals Recovering from COVID-19 2021 ,		4
37	Citywide serosurveillance of the initial SARS-CoV-2 outbreak in San Francisco 2021 ,		4
36	Optimization of whole-genome sequencing of <i>Plasmodium falciparum</i> from low-density dried blood spot samples. <i>Malaria Journal</i> , 2021 , 20, 116	3.6	4
35	Sensitive, highly multiplexed sequencing of microhaplotypes from the <i>Plasmodium falciparum</i> heterozygome		3
34	multiSero: open multiplex-ELISA platform for analyzing antibody responses to SARS-CoV-2 infection 2021 ,		3
33	Comparison of infection control strategies to reduce COVID-19 outbreaks in homeless shelters in the United States: a simulation study. <i>BMC Medicine</i> , 2021 , 19, 116	11.4	3
32	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> , 2021 , 6,	6.6	3
31	Multiparametric biophysical profiling of red blood cells in malaria infection. <i>Communications Biology</i> , 2021 , 4, 697	6.7	3
30	Evaluating the Performance of Malaria Genetics for Inferring Changes in Transmission Intensity Using Transmission Modeling. <i>Molecular Biology and Evolution</i> , 2021 , 38, 274-289	8.3	3
29	Impact of a Rapid Decline in Malaria Transmission on Antimalarial IgG Subclasses and Avidity. <i>Frontiers in Immunology</i> , 2020 , 11, 576663	8.4	3
28	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> , 2022 , 9, ofab640	1	3
27	Elevated plasma abscisic acid is associated with asymptomatic falciparum malaria and with IgG-/caspase-1-dependent immunity in <i>Plasmodium yoelii</i> -infected mice. <i>Scientific Reports</i> , 2018 , 8, 8896 ⁴⁻⁹		2
26	Recombinant glycoprotein vaccines for human immunodeficiency virus-infected children and their effects on viral quasispecies. <i>Vaccine Journal</i> , 2002 , 9, 79-82		2
25	Universal PCR and antibody testing demonstrate little to no transmission of SARS-CoV-2 in a rural community 2020 ,		2
24	Comparison of infection control strategies to reduce COVID-19 outbreaks in homeless shelters in the United States: a simulation study		2
23	B Cell Receptor Repertoire Analysis in Malaria-Naive and Malaria-Experienced Individuals Reveals Unique Characteristics of Atypical Memory B Cells. <i>MSphere</i> , 2021 , 6, e0072621	5	2

22	Assessment of antigens and CRP in dried blood spots with multiplex malaria array. <i>Journal of Parasitic Diseases</i> , 2021 , 45, 479-489	1.3	2
21	Reply to Goyal et al. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1687	7	1
20	Reply to Rossi et al. <i>Clinical Infectious Diseases</i> , 2017 , 65, 1770-1771	11.6	1
19	Using sero-epidemiology to monitor disparities in vaccination and infection with SARS-CoV-2 2021 ,		1
18	Mapping malaria by combining parasite genomic and epidemiologic data		1
17	Taking sharper pictures of malaria with CAMERAs: Combined Antibodies to Measure Exposure Recency Assays		1
16	Heterogeneous exposure and hotspots for malaria vectors at three study sites in Uganda. <i>Gates Open Research</i> , 2 , 32	2.4	1
15	Sex-based differences in clearance of chronic <i>Plasmodium falciparum</i> infection		1
14	Heterogeneous Exposure and Hotspots for Malaria Vectors at Three Study Sites in Uganda		1
13	FLASH: A next-generation CRISPR diagnostic for multiplexed detection of antimicrobial resistance sequences		1
12	Spatial and genetic clustering of <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> infections in a low-transmission area of Ethiopia. <i>Scientific Reports</i> , 2020 , 10, 19975	4.9	1
11	Effectiveness and safety of reactive focal mass drug administration (rfMDA) using dihydroartemisinin-piperazine to reduce malaria transmission in very low-endemic setting of Eswatini: a pragmatic cluster randomised controlled trial		1
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9	Parasite genetic diversity reflects continued residual malaria transmission in Vhembe District, a hotspot in the Limpopo Province of South Africa. <i>Malaria Journal</i> , 2021 , 20, 96	3.6	1
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7	Longitudinal analysis of FcRL5 expression and clonal relationships among classical and atypical memory B cells following malaria. <i>Malaria Journal</i> , 2021 , 20, 435	3.6	0
6	Estimating malaria incidence from routine health facility-based surveillance data in Uganda. <i>Malaria Journal</i> , 2020 , 19, 445	3.6	0
5	Within-household clustering of genetically related <i>Plasmodium falciparum</i> infections in a moderate transmission area of Uganda. <i>Malaria Journal</i> , 2021 , 20, 68	3.6	0

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3	Using sero-epidemiology to monitor disparities in vaccination and infection with SARS-CoV-2.. <i>Nature Communications</i> , 2022 , 13, 2451	17.4	○
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1	Inferring person-to-person networks of Plasmodium falciparum transmission: are analyses of routine surveillance data up to the task?. <i>Malaria Journal</i> , 2022 , 21, 58	3.6	