

# Gillian Stresman

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

951  
citations

516710

16  
h-index

477307

29  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying travel behavior for infectious disease research: a comparison of data from surveys and mobile phones. <i>Scientific Reports</i> , 2014, 4, 5678.	3.3	114
2	The Impact of Hotspot-Targeted Interventions on Malaria Transmission in Rachuonyo South District in the Western Kenyan Highlands: A Cluster-Randomized Controlled Trial. <i>PLoS Medicine</i> , 2016, 13, e1001993.	8.4	89
3	Beyond temperature and precipitation: Ecological risk factors that modify malaria transmission. <i>Acta Tropica</i> , 2010, 116, 167-172.	2.0	88
4	Rural health centres, communities and malaria case detection in Zambia using mobile telephones: a means to detect potential reservoirs of infection in unstable transmission conditions. <i>Malaria Journal</i> , 2010, 9, 96.	2.3	55
5	The impact of hotspot-targeted interventions on malaria transmission: study protocol for a cluster-randomized controlled trial. <i>Trials</i> , 2013, 14, 36.	1.6	55
6	Reliability of School Surveys in Estimating Geographic Variation in Malaria Transmission in the Western Kenyan Highlands. <i>PLoS ONE</i> , 2013, 8, e77641.	2.5	46
7	Malaria Hotspots: Is There Epidemiological Evidence for Fine-Scale Spatial Targeting of Interventions?. <i>Trends in Parasitology</i> , 2019, 35, 822-834.	3.3	45
8	Current Mathematical Models for Analyzing Anti-Malarial Antibody Data with an Eye to Malaria Elimination and Eradication. <i>Journal of Immunology Research</i> , 2015, 2015, 1-21.	2.2	37
9	Factors associated with high heterogeneity of malaria at fine spatial scale in the Western Kenyan highlands. <i>Malaria Journal</i> , 2016, 15, 307.	2.3	37
10	Use of mobile technology-based participatory mapping approaches to geolocate health facility attendees for disease surveillance in low resource settings. <i>International Journal of Health Geographics</i> , 2018, 17, 21.	2.5	35
11	Malaria research challenges in low prevalence settings. <i>Malaria Journal</i> , 2012, 11, 353.	2.3	27
12	Use of different transmission metrics to describe malaria epidemiology in the highlands of western Kenya. <i>Malaria Journal</i> , 2015, 14, 418.	2.3	25
13	High Levels of Asymptomatic and Subpatent <i>Plasmodium falciparum</i> Parasite Carriage at Health Facilities in an Area of Heterogeneous Malaria Transmission Intensity in the Kenyan Highlands. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 1101-1108.	1.4	24
14	High-throughput malaria serosurveillance using a one-step multiplex bead assay. <i>Malaria Journal</i> , 2019, 18, 402.	2.3	23
15	Quality control of multiplex antibody detection in samples from large-scale surveys: the example of malaria in Haiti. <i>Scientific Reports</i> , 2020, 10, 1135.	3.3	22
16	Conventional and High-Sensitivity Malaria Rapid Diagnostic Test Performance in Two Transmission Settings: Haiti 2017. <i>Journal of Infectious Diseases</i> , 2019, 221, 786-795.	4.0	20
17	Using health facility-based serological surveillance to predict receptive areas at risk of malaria outbreaks in elimination areas. <i>BMC Medicine</i> , 2020, 18, 9.	5.5	20
18	Determining seropositivity—A review of approaches to define population seroprevalence when using multiplex bead assays to assess burden of tropical diseases. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009457.	3.0	19

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19	Quantifying Plasmodium falciparum infections clustering within households to inform household-based intervention strategies for malaria control programs: An observational study and meta-analysis from 41 malaria-endemic countries. PLoS Medicine, 2020, 17, e1003370.	8.4	19
20	Freedom from Infection: Confirming Interruption of Malaria Transmission. Trends in Parasitology, 2017, 33, 345-352.	3.3	18
21	Association between the proportion of Plasmodium falciparum and Plasmodium vivax infections detected by passive surveillance and the magnitude of the asymptomatic reservoir in the community: a pooled analysis of paired health facility and community data. Lancet Infectious Diseases, The, 2020, 20, 953-963.	9.1	18
22	Validation of three geolocation strategies for health-facility attendees for research and public health surveillance in a rural setting in western Kenya. Epidemiology and Infection, 2014, 142, 1978-1989.	2.1	17
23	Selection of Antibody Responses Associated With Plasmodium falciparum Infections in the Context of Malaria Elimination. Frontiers in Immunology, 2020, 11, 928.	4.8	17
24	Programmatic options for monitoring malaria in elimination settings: easy access group surveys to investigate Plasmodium falciparum epidemiology in two regions with differing endemicity in Haiti. BMC Medicine, 2020, 18, 141.	5.5	14
25	Prevalence and seroprevalence of Plasmodium infection in Myanmar reveals highly heterogeneous transmission and a large hidden reservoir of infection. PLoS ONE, 2021, 16, e0252957.	2.5	12
26	A longitudinal cohort study of malaria exposure and changing serostatus in a malaria endemic area of rural Tanzania. Malaria Journal, 2017, 16, 309.	2.3	10
27	Risk Factors for Malaria Infection and Seropositivity in the Elimination Area of Grand-Anse, Haiti: A Case-Control Study among Febrile Individuals Seeking Treatment at Public Health Facilities. American Journal of Tropical Medicine and Hygiene, 2020, 103, 767-777.	1.4	8
28	Risk factors for Plasmodium falciparum infection in the Kenyan Highlands: a cohort study. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2019, 113, 152-159.	1.8	7
29	Comparison of Commercial ELISA Kits to Confirm the Absence of Transmission in Malaria Elimination Settings. Frontiers in Public Health, 2020, 8, 480.	2.7	7
30	Updates on malaria epidemiology and profile in Cabo Verde from 2010 to 2019: the goal of elimination. Malaria Journal, 2020, 19, 380.	2.3	7
31	The Immediate Effects of a Combined Mass Drug Administration and Indoor Residual Spraying Campaign to Accelerate Progress Toward Malaria Elimination in Grande-Anse, Haiti. Journal of Infectious Diseases, 2021, , .	4.0	5
32	Rapid Screening for Non-falciparum Malaria in Elimination Settings Using Multiplex Antigen and Antibody Detection: Post Hoc Identification of Plasmodium malariae in an Infant in Haiti. American Journal of Tropical Medicine and Hygiene, 2021, 104, 2139-2145.	1.4	4
33	A framework for evaluating health system surveillance sensitivity to support public health decision-making for malaria elimination: a case study from Indonesia. BMC Infectious Diseases, 2022, 22, .	2.9	4
34	Factors Associated With Human IgG Antibody Response to Anopheles albimanus Salivary Gland Extract, Artibonite Department, Haiti, 2017. Journal of Infectious Diseases, 2022, 226, 1461-1469.	4.0	3
35	Title is missing!. , 2020, 17, e1003370.		0
36	Title is missing!. , 2020, 17, e1003370.		0

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37	Title is missing!. , 2020, 17, e1003370.		0
38	Title is missing!. , 2020, 17, e1003370.		0
39	Title is missing!.. , 2020, 17, e1003370.		0
40	Title is missing!.. , 2020, 17, e1003370.		0