

# Roly Gosling

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

3,124  
citations

201658

27  
h-index

168376

53  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3762  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hitting Hotspots: Spatial Targeting of Malaria for Control and Elimination. <i>PLoS Medicine</i> , 2012, 9, e1001165.	8.4	460
2	“Asymptomatic” Malaria: A Chronic and Debilitating Infection That Should Be Treated. <i>PLoS Medicine</i> , 2016, 13, e1001942.	8.4	259
3	Malaria eradication within a generation: ambitious, achievable, and necessary. <i>Lancet</i> , The, 2019, 394, 1056-1112.	13.7	240
4	Review of Mass Drug Administration for Malaria and Its Operational Challenges. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 125-134.	1.4	170
5	FLASH: a next-generation CRISPR diagnostic for multiplexed detection of antimicrobial resistance sequences. <i>Nucleic Acids Research</i> , 2019, 47, e83-e83.	14.5	168
6	Rapid Assessment of Malaria Transmission Using Age-Specific Sero-Conversion Rates. <i>PLoS ONE</i> , 2009, 4, e6083.	2.5	151
7	Primaquine Clears Submicroscopic <i>Plasmodium falciparum</i> Gametocytes that Persist after Treatment with Sulphadoxine-Pyrimethamine and Artesunate. <i>PLoS ONE</i> , 2007, 2, e1023.	2.5	117
8	Mass Screening and Treatment on the Basis of Results of a <i>Plasmodium falciparum</i> -Specific Rapid Diagnostic Test Did Not Reduce Malaria Incidence in Zanzibar. <i>Journal of Infectious Diseases</i> , 2015, 211, 1476-1483.	4.0	98
9	Epidemiology of subpatent <i>Plasmodium falciparum</i> infection: implications for detection of hotspots with imperfect diagnostics. <i>Malaria Journal</i> , 2013, 12, 221.	2.3	95
10	The Future of the RTS,S/AS01 Malaria Vaccine: An Alternative Development Plan. <i>PLoS Medicine</i> , 2016, 13, e1001994.	8.4	92
11	Primaquine to reduce transmission of <i>Plasmodium falciparum</i> malaria in Mali: a single-blind, dose-ranging, adaptive randomised phase 2 trial. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 674-684.	9.1	72
12	Efficacy and safety of primaquine and methylene blue for prevention of <i>Plasmodium falciparum</i> transmission in Mali: a phase 2, single-blind, randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 627-639.	9.1	70
13	Adjusting for Heterogeneity of Malaria Transmission in Longitudinal Studies. <i>Journal of Infectious Diseases</i> , 2011, 204, 1-3.	4.0	65
14	Malaria Elimination: Time to Target All Species. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 17-23.	1.4	62
15	Assessment of therapeutic responses to gametocytocidal drugs in <i>Plasmodium falciparum</i> malaria. <i>Malaria Journal</i> , 2014, 13, 483.	2.3	61
16	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, 1207-1213.	1.4	51
17	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</i> , The, 2020, 395, 1361-1373.	13.7	50
18	Is Housing Quality Associated with Malaria Incidence among Young Children and Mosquito Vector Numbers? Evidence from Korogwe, Tanzania. <i>PLoS ONE</i> , 2014, 9, e87358.	2.5	48

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19	A Molecular Assay to Quantify Male and Female Plasmodium falciparum Gametocytes: Results From 2 Randomized Controlled Trials Using Primaquine for Gametocyte Clearance. <i>Journal of Infectious Diseases</i> , 2017, 216, 457-467.	4.0	47
20	Duration of Protection against Malaria and Anaemia Provided by Intermittent Preventive Treatment in Infants in Navrongo, Ghana. <i>PLoS ONE</i> , 2008, 3, e2227.	2.5	46
21	Rationale for short course primaquine in Africa to interrupt malaria transmission. <i>Malaria Journal</i> , 2012, 11, 360.	2.3	44
22	IgG Responses to Anopheles gambiae Salivary Antigen gSG6 Detect Variation in Exposure to Malaria Vectors and Disease Risk. <i>PLoS ONE</i> , 2012, 7, e40170.	2.5	44
23	What is community engagement and how can it drive malaria elimination? Case studies and stakeholder interviews. <i>Malaria Journal</i> , 2019, 18, 245.	2.3	43
24	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.	4.0	42
25	Overall, anti-malarial, and non-malarial effect of intermittent preventive treatment during pregnancy with sulfadoxine-pyrimethamine on birthweight: a mediation analysis. <i>The Lancet Global Health</i> , 2020, 8, e942-e953.	6.3	37
26	Cost Implications of Improving Malaria Diagnosis: Findings from North-Eastern Tanzania. <i>PLoS ONE</i> , 2010, 5, e8707.	2.5	36
27	Spatial Distribution of Falciparum Malaria Infections in Zanzibar: Implications for Focal Drug Administration Strategies Targeting Asymptomatic Parasite Carriers. <i>Clinical Infectious Diseases</i> , 2017, 64, 1236-1243.	5.8	29
28	Spatial clustering of patent and sub-patent malaria infections in northern Namibia: Implications for surveillance and response strategies for elimination. <i>PLoS ONE</i> , 2017, 12, e0180845.	2.5	29
29	Attacking the mosquito on multiple fronts: Insights from the Vector Control Optimization Model (VCOM) for malaria elimination. <i>PLoS ONE</i> , 2017, 12, e0187680.	2.5	28
30	Comparison of molecular quantification of Plasmodium falciparum gametocytes by Pfs25 qRT-PCR and QT-NASBA in relation to mosquito infectivity. <i>Malaria Journal</i> , 2016, 15, 539.	2.3	27
31	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.	5.8	27
32	Regional initiatives for malaria elimination: Building and maintaining partnerships. <i>PLoS Medicine</i> , 2017, 14, e1002401.	8.4	23
33	Malaria Elimination and Eradication. , 2017, , 315-346.		23
34	Efficacy of Single-Dose Primaquine With Artemisinin Combination Therapy on Plasmodium falciparum Gametocytes and Transmission: An Individual Patient Meta-Analysis. <i>Journal of Infectious Diseases</i> , 2022, 225, 1215-1226.	4.0	22
35	District-level approach for tailoring and targeting interventions: a new path for malaria control and elimination. <i>Malaria Journal</i> , 2020, 19, 125.	2.3	22
36	An assessment of the supply, programmatic use, and regulatory issues of single low-dose primaquine as a Plasmodium falciparum gametocytocide for sub-Saharan Africa. <i>Malaria Journal</i> , 2015, 14, 204.	2.3	21

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37	Transmission-blocking Effects of Primaquine and Methylene Blue Suggest Plasmodium falciparum Gametocyte Sterilization Rather Than Effects on Sex Ratio. <i>Clinical Infectious Diseases</i> , 2019, 69, 1436-1439.	5.8	21
38	Duration of Protection Against Clinical Malaria Provided by Three Regimens of Intermittent Preventive Treatment in Tanzanian Infants. <i>PLoS ONE</i> , 2010, 5, e9467.	2.5	21
39	Effective Program Management: A Cornerstone of Malaria Elimination. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 135-138.	1.4	17
40	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.	4.0	17
41	Training health workers to assess anaemia with the WHO haemoglobin colour scale. <i>Tropical Medicine and International Health</i> , 2000, 5, 214-221.	2.3	16
42	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.	1.9	16
43	Malaria risk factors in northern Namibia: The importance of occupation, age and mobility in characterizing high-risk populations. <i>PLoS ONE</i> , 2021, 16, e0252690.	2.5	15
44	Modelling the Protective Efficacy of Alternative Delivery Schedules for Intermittent Preventive Treatment of Malaria in Infants and Children. <i>PLoS ONE</i> , 2011, 6, e18947.	2.5	14
45	<i>CYP2D6</i> Polymorphisms and the Safety and Gametocytocidal Activity of Single-Dose Primaquine for <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	13
46	COVID-19 Therapeutics for Low- and Middle-Income Countries: A Review of Candidate Agents with Potential for Near-Term Use and Impact. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 584-595.	1.4	10
47	Could China's journey of malaria elimination extend to Africa?. <i>Infectious Diseases of Poverty</i> , 2022, 11, 55.	3.7	10
48	Protective Effect of Indoor Residual Spraying of Insecticide on Preterm Birth Among Pregnant Women With HIV Infection in Uganda: A Secondary Data Analysis. <i>Journal of Infectious Diseases</i> , 2017, 216, 1541-1549.	4.0	8
49	Civilian-military malaria outbreak response in Thailand: an example of multi-stakeholder engagement for malaria elimination. <i>Malaria Journal</i> , 2021, 20, 458.	2.3	8
50	Placental Malaria Increases Malaria Risk in the First 30 Months of Life: Not Causal. <i>Clinical Infectious Diseases</i> , 2009, 48, 497-498.	5.8	6
51	Bridging the quality gap in diagnosis and treatment of malaria. <i>BMJ</i> , The, 2020, 369, m1176.	6.0	5
52	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> , 2022, 44, 101272.	7.1	4
53	Malaria eradication – Authors' reply. <i>Lancet</i> , The, 2020, 395, e73.	13.7	1
54	G6PD Polymorphisms and Hemolysis After Antimalarial Treatment With Low Single-Dose Primaquine: A Pooled Analysis of Six African Clinical Trials. <i>Frontiers in Genetics</i> , 2021, 12, 645688.	2.3	1

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55	A quasi-experimental study estimating the impact of long-lasting insecticidal nets with and without piperonyl butoxide on pregnancy outcomes. <i>Malaria Journal</i> , 2022, 21, 5.	2.3	1
56	Mechanistic Modeling of Primaquine Pharmacokinetics, Gametocytocidal Activity, and Mosquito Infectivity. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 676-685.	4.7	1
57	Effective management of district-level malaria control and elimination: implementing quality and participative process improvements. <i>BMC Public Health</i> , 2022, 22, 140.	2.9	0
58	Association between indoor residual spraying and pregnancy outcomes: a quasi-experimental study from Uganda. <i>International Journal of Epidemiology</i> , 2022, , .	1.9	0
59	Application of an innovative grid-based surveillance strategy to ensure elimination and prevent reintroduction of malaria in high-risk border communities in China. <i>BMC Public Health</i> , 2022, 22, .	2.9	0