

Mateusz M Plucinski

List of Publications by Year in descending order

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70
papers

2,037
citations

257101

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276539

41
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all docs

71
docs citations

71
times ranked

2767
citing authors

#	ARTICLE	IF	CITATIONS
1	Public Health Responses to COVID-19 Outbreaks on Cruise Ships – Worldwide, February–March 2020. Morbidity and Mortality Weekly Report, 2020, 69, 347-352.	9.0	301
2	Persisting Viral Sequences Shape Microbial CRISPR-based Immunity. PLoS Computational Biology, 2012, 8, e1002475.	1.5	136
3	Effect of the Ebola-virus-disease epidemic on malaria case management in Guinea, 2014: a cross-sectional survey of health facilities. Lancet Infectious Diseases, The, 2015, 15, 1017-1023.	4.6	123
4	Selection and Spread of Artemisinin-Resistant Alleles in Thailand Prior to the Global Artemisinin Resistance Containment Campaign. PLoS Pathogens, 2015, 11, e1004789.	2.1	85
5	Efficacy of Artemether-Lumefantrine and Dihydroartemisinin-Piperaquine for Treatment of Uncomplicated Malaria in Children in Zaire and Uíge Provinces, Angola. Antimicrobial Agents and Chemotherapy, 2015, 59, 437-443.	1.4	79
6	Bead-based immunoassay allows sub-picogram detection of histidine-rich protein 2 from Plasmodium falciparum and estimates reliability of malaria rapid diagnostic tests. PLoS ONE, 2017, 12, e0172139.	1.1	66
7	Screening for <i>Pfhrp2/3</i> -Deleted <i>Plasmodium falciparum</i> , Non- <i>falciparum</i> , and Low-Density Malaria Infections by a Multiplex Antigen Assay. Journal of Infectious Diseases, 2019, 219, 437-447.	1.9	61
8	Efficacy of artemether–lumefantrine, artesunate–amodiaquine, and dihydroartemisinin–piperaquine for treatment of uncomplicated Plasmodium falciparum malaria in Angola, 2015. Malaria Journal, 2017, 16, 62.	0.8	60
9	Poverty, Disease, and the Ecology of Complex Systems. PLoS Biology, 2014, 12, e1001827.	2.6	57
10	Efficacy and safety of artemether–lumefantrine, artesunate–amodiaquine, and dihydroartemisinin–piperaquine for the treatment of uncomplicated Plasmodium falciparum malaria in three provinces in Angola, 2017. Malaria Journal, 2018, 17, 144.	0.8	55
11	Next-Generation Sequencing and Bioinformatics Protocol for Malaria Drug Resistance Marker Surveillance. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	54
12	Within-host competition and drug resistance in the human malaria parasite <i>Plasmodium falciparum</i> . Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20153038.	1.2	50
13	Posttreatment HRP2 Clearance in Patients with Uncomplicated Plasmodium falciparum Malaria. Journal of Infectious Diseases, 2018, 217, 685-692.	1.9	46
14	Robust Algorithm for Systematic Classification of Malaria Late Treatment Failures as Recrudescence or Reinfection Using Microsatellite Genotyping. Antimicrobial Agents and Chemotherapy, 2015, 59, 6096-6100.	1.4	43
15	Specificity of the IgG antibody response to Plasmodium falciparum, Plasmodium vivax, Plasmodium malariae, and Plasmodium ovale MSP119 subunit proteins in multiplexed serologic assays. Malaria Journal, 2018, 17, 417.	0.8	38
16	Genetic Analysis and Species Specific Amplification of the Artemisinin Resistance-Associated Kelch Propeller Domain in <i>P. falciparum</i> and <i>P. vivax</i> . PLoS ONE, 2015, 10, e0136099.	1.1	37
17	Multiplex serology for impact evaluation of bed net distribution on burden of lymphatic filariasis and four species of human malaria in northern Mozambique. PLoS Neglected Tropical Diseases, 2018, 12, e0006278.	1.3	37
18	Genotyping genetically heterogeneous <i>Cyclospora cayetanensis</i> infections to complement epidemiological case linkage. Parasitology, 2019, 146, 1275-1283.	0.7	36

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19	Continued Low Efficacy of Artemether-Lumefantrine in Angola in 2019. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	35
20	Coronavirus Disease 2019 (COVID-19) in Americans Aboard the Diamond Princess Cruise Ship. <i>Clinical Infectious Diseases</i> , 2021, 72, e448-e457.	2.9	34
21	Evaluating malaria case management at public health facilities in two provinces in Angola. <i>Malaria Journal</i> , 2017, 16, 186.	0.8	32
22	Novel Mutation in Cytochrome B of <i>Plasmodium falciparum</i> in One of Two Atovaquone-Proguanil Treatment Failures in Travelers Returning From Same Site in Nigeria. <i>Open Forum Infectious Diseases</i> , 2014, 1, ofu059.	0.4	30
23	Prevalence of molecular markers of artemisinin and lumefantrine resistance among patients with uncomplicated <i>Plasmodium falciparum</i> malaria in three provinces in Angola, 2015. <i>Malaria Journal</i> , 2018, 17, 84.	0.8	28
24	Evaluation of an ensemble-based distance statistic for clustering MLST datasets using epidemiologically defined clusters of cyclosporiasis. <i>Epidemiology and Infection</i> , 2020, 148, e172.	1.0	27
25	Malaria surveys using rapid diagnostic tests and validation of results using post hoc quantification of <i>Plasmodium falciparum</i> histidine-rich protein 2. <i>Malaria Journal</i> , 2017, 16, 451.	0.8	26
26	Clearance dynamics of lactate dehydrogenase and aldolase following antimalarial treatment for <i>Plasmodium falciparum</i> infection. <i>Parasites and Vectors</i> , 2019, 12, 293.	1.0	24
27	Capacity Development through the US President's Malaria Initiative's Supported Antimalarial Resistance Monitoring in Africa Network. <i>Emerging Infectious Diseases</i> , 2017, 23, .	2.0	23
28	Health safety nets can break cycles of poverty and disease: a stochastic ecological model. <i>Journal of the Royal Society Interface</i> , 2011, 8, 1796-1803.	1.5	20
29	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.	1.9	20
30	Clusters of poverty and disease emerge from feedbacks on an epidemiological network. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20120656.	1.5	19
31	Evaluation of a universal coverage bed net distribution campaign in four districts in Sofala Province, Mozambique. <i>Malaria Journal</i> , 2014, 13, 427.	0.8	19
32	Assessing Performance of HRP2 Antigen Detection for Malaria Diagnosis in Mozambique. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	19
33	Quality of malaria services offered in public health facilities in three provinces of Mozambique: a cross-sectional study. <i>Malaria Journal</i> , 2019, 18, 162.	0.8	19
34	Sleeping arrangements and mass distribution of bed nets in six districts in central and northern Mozambique. <i>Tropical Medicine and International Health</i> , 2015, 20, 1685-1695.	1.0	18
35	Therapeutic Efficacy of Artemisinin-Based Combination Therapies in Democratic Republic of the Congo and Investigation of Molecular Markers of Antimalarial Resistance. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 1067-1075.	0.6	18
36	Multiplex malaria antigen detection by bead-based assay and molecular confirmation by PCR shows no evidence of Pfhrp2 and Pfhrp3 deletion in Haiti. <i>Malaria Journal</i> , 2019, 18, 380.	0.8	15

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37	A Computer Modelling Approach To Evaluate the Accuracy of Microsatellite Markers for Classification of Recurrent Infections during Routine Monitoring of Antimalarial Drug Efficacy. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	15
38	Estimating the Added Utility of Highly Sensitive Histidine-Rich Protein 2 Detection in Outpatient Clinics in Sub-Saharan Africa. American Journal of Tropical Medicine and Hygiene, 2017, 97, 1159-1162.	0.6	15
39	One-step PCR: A novel protocol for determination of pfhrp2 deletion status in Plasmodium falciparum. PLoS ONE, 2020, 15, e0236369.	1.1	14
40	Advanced Molecular Detection of Malarone Resistance. Antimicrobial Agents and Chemotherapy, 2016, 60, 3821-3823.	1.4	13
41	Variation in Calculating and Reporting Antimalarial Efficacy against Plasmodium falciparum in Sub-Saharan Africa: A Systematic Review of Published Reports. American Journal of Tropical Medicine and Hygiene, 2021, 104, 1820-1829.	0.6	13
42	A Robust Estimator of Malaria Incidence from Routine Health Facility Data. American Journal of Tropical Medicine and Hygiene, 2020, 102, 811-820.	0.6	12
43	Performance of Antigen Concentration Thresholds for Attributing Fever to Malaria among Outpatients in Angola. Journal of Clinical Microbiology, 2019, 57, .	1.8	11
44	How Far Are We from Reaching Universal Malaria Testing of All Fever Cases?. American Journal of Tropical Medicine and Hygiene, 2018, 99, 670-679.	0.6	11
45	Prescriber practices and patient adherence to artemisinin-based combination therapy for the treatment of uncomplicated malaria in Guinea, 2016. Malaria Journal, 2019, 18, 23.	0.8	10
46	Efficacy and safety of artesunate+amodiaquine and artemether+lumefantrine and prevalence of molecular markers associated with resistance, Guinea: an open-label two-arm randomised controlled trial. Malaria Journal, 2020, 19, 223.	0.8	9
47	Framework for Characterizing Longitudinal Antibody Response in Children After Plasmodium falciparum Infection. Frontiers in Immunology, 2021, 12, 617951.	2.2	9
48	Nonparametric Binary Classification to Distinguish Closely Related versus Unrelated Plasmodium falciparum Parasites. American Journal of Tropical Medicine and Hygiene, 2021, 104, 1830-1835.	0.6	9
49	Laboratory Detection of Malaria Antigens: a Strong Tool for Malaria Research, Diagnosis, and Epidemiology. Clinical Microbiology Reviews, 2021, 34, e0025020.	5.7	9
50	Malaria Parasite Density in Individuals with Different Rapid Diagnostic Test Results and Concentrations of HRP2 Antigen. American Journal of Tropical Medicine and Hygiene, 2019, 100, 1202-1203.	0.6	9
51	Haematological consequences of acute uncomplicated falciparum malaria: a WorldWide Antimalarial Resistance Network pooled analysis of individual patient data. BMC Medicine, 2022, 20, 85.	2.3	9
52	Plasmodium falciparum kelch13 Mutations, 9 Countries in Africa, 2014–2018. Emerging Infectious Diseases, 2021, 27, 1902-1908.	2.0	8
53	Quality of malaria data in public health facilities in three provinces of Mozambique. PLoS ONE, 2020, 15, e0231358.	1.1	7
54	Inferring Social Network Structure from Bacterial Sequence Data. PLoS ONE, 2011, 6, e22685.	1.1	7

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55	Quality of Malaria Case Management and Reporting at Public Health Facilities in Six Health Districts in Guinea, 2018. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 148-156.	0.6	6
56	Investigation of <i>Plasmodium falciparum</i> pfrp2 and pfrp3 gene deletions and performance of a rapid diagnostic test for identifying asymptomatic malaria infection in northern Ethiopia, 2015. <i>Malaria Journal</i> , 2022, 21, 70.	0.8	6
57	Consequences of the fractal architecture of trees on their structural measures. <i>Journal of Theoretical Biology</i> , 2008, 251, 82-92.	0.8	5
58	Evaluating the quality of routinely reported data on malaria commodity stocks in Guinea, 2014–2016. <i>Malaria Journal</i> , 2018, 17, 461.	0.8	5
59	Estimation of Malaria-Attributable Fever in Malaria Test–Positive Febrile Outpatients in Three Provinces of Mozambique, 2018. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 151-155.	0.6	5
60	Genotyping Oral Commensal Bacteria to Predict Social Contact and Structure. <i>PLoS ONE</i> , 2016, 11, e0160201.	1.1	4
61	Adherence to Ebola-specific malaria case management guidelines at health facilities in Guinea during the West African Ebola epidemic. <i>Malaria Journal</i> , 2018, 17, 230.	0.8	4
62	Rapid Epidemiological and Entomological Survey for Validation of Reported Indicators and Characterization of Local Malaria Transmission in Guinea, 2017. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 1134-1144.	0.6	4
63	Malaria Risk and Prevention in Asian Migrants to Angola. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1918-1926.	0.6	4
64	Reply to “No Robust Evidence of Lumefantrine Resistance”. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5867-5868.	1.4	3
65	Combined Epidemiologic and Entomologic Survey to Detect Urban Malaria Transmission, Guinea, 2018. <i>Emerging Infectious Diseases</i> , 2021, 27, 599-602.	2.0	3
66	Reply to Rasmussen and Ringwald, “Continued Low Efficacy of Artemether-Lumefantrine in Angola”. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	1
67	Missed <i>Plasmodium ovale</i> Infections Among Symptomatic Persons in Angola, Mozambique, and Ethiopia. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.4	1
68	Interpreting Data from Passive Surveillance of Antimalarial Treatment Failures. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	0
69	Capacity Development through the US President’s Malaria Initiative–Supported Antimalarial Resistance Monitoring in Africa Network. <i>Emerging Infectious Diseases</i> , 2017, 23, .	2.0	0
70	The use of a chimeric antigen for <i>Plasmodium falciparum</i> and <i>P. vivax</i> seroprevalence estimates from community surveys in Ethiopia and Costa Rica. <i>PLoS ONE</i> , 2022, 17, e0263485.	1.1	0