

# JÃ¼rgen May

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1356392/publications.pdf>

Version: 2024-02-01

184  
papers

5,759  
citations

76326

40  
h-index

114465

63  
g-index

192  
all docs

192  
docs citations

192  
times ranked

7625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study indicates two novel resistance loci for severe malaria. <i>Nature</i> , 2012, 489, 443-446.	27.8	227
2	Incidence of invasive salmonella disease in sub-Saharan Africa: a multicentre population-based surveillance study. <i>The Lancet Global Health</i> , 2017, 5, e310-e323.	6.3	223
3	Efficacy and safety of intermittent preventive treatment with sulfadoxine-pyrimethamine for malaria in African infants: a pooled analysis of six randomised, placebo-controlled trials. <i>Lancet</i> , The, 2009, 374, 1533-1542.	13.7	189
4	Nitric Oxide Synthase 2 Lambarã©nã© (Gã©954C), Increased Nitric Oxide Production, and Protection against Malaria. <i>Journal of Infectious Diseases</i> , 2001, 184, 330-336.	4.0	152
5	Hemoglobin Variants and Disease Manifestations in Severe Falciparum Malaria. <i>JAMA - Journal of the American Medical Association</i> , 2007, 297, 2220.	7.4	152
6	The Role of Red Blood Cell Polymorphisms in Resistance and Susceptibility to Malaria. <i>Clinical Infectious Diseases</i> , 1999, 28, 794-799.	5.8	150
7	Spatial Variation of Malaria Incidence in Young Children from a Geographically Homogeneous Area with High Endemicity. <i>Journal of Infectious Diseases</i> , 2008, 197, 85-93.	4.0	137
8	Hemoglobin estimation by the HemoCueã® portable hemoglobin photometer in a resource poor setting. <i>BMC Clinical Pathology</i> , 2011, 11, 5.	1.8	127
9	Mobile Phone-Based mHealth Approaches for Public Health Surveillance in Sub-Saharan Africa: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 11559-11582.	2.6	117
10	Long-term live imaging reveals cytosolic immune responses of host hepatocytes against Plasmodium infection and parasite escape mechanisms. <i>Autophagy</i> , 2015, 11, 1561-1579.	9.1	110
11	Plasma Interleukinã€10:Tumor Necrosis Factor (TNF)ã€ã± Ratio Is Associated with TNF Promoter Variants and Predicts Malarial Complications. <i>Journal of Infectious Diseases</i> , 2000, 182, 1570-1573.	4.0	105
12	The phylogeography and incidence of multi-drug resistant typhoid fever in sub-Saharan Africa. <i>Nature Communications</i> , 2018, 9, 5094.	12.8	98
13	Detection and Characterization of ESBL-Producing Escherichia coli From Humans and Poultry in Ghana. <i>Frontiers in Microbiology</i> , 2018, 9, 3358.	3.5	93
14	A Randomized Controlled Trial of Extended Intermittent Preventive Antimalarial Treatment in Infants. <i>Clinical Infectious Diseases</i> , 2007, 45, 16-25.	5.8	83
15	Principal component analysis of socioeconomic factors and their association with malaria in children from the Ashanti Region, Ghana. <i>Malaria Journal</i> , 2010, 9, 201.	2.3	81
16	Incidence and Characteristics of Bacteremia among Children in Rural Ghana. <i>PLoS ONE</i> , 2012, 7, e44063.	2.5	80
17	Delayed Hemolysis After Treatment With Parenteral Artesunate in African Children With Severe Malariaã€”A Double-center Prospective Study. <i>Journal of Infectious Diseases</i> , 2014, 209, 1921-1928.	4.0	77
18	Differing effects of HbS and HbC traits on uncomplicated falciparum malaria, anemia, and child growth. <i>Blood</i> , 2010, 115, 4551-4558.	1.4	76

#	ARTICLE	IF	CITATIONS
19	Modeling the Relationship between Precipitation and Malaria Incidence in Children from a Holoendemic Area in Ghana. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 84, 285-291.	1.4	68
20	The Typhoid Fever Surveillance in Africa Program (TSAP): Clinical, Diagnostic, and Epidemiological Methodologies. <i>Clinical Infectious Diseases</i> , 2016, 62, S9-S16.	5.8	65
21	Limited specificity of commercially available SARS&CoV&2 IgG ELISAs in serum samples of African origin. <i>Tropical Medicine and International Health</i> , 2021, 26, 621-631.	2.3	64
22	The Relationship Between Invasive Nontyphoidal Salmonella Disease, Other Bacterial Bloodstream Infections, and Malaria in Sub-Saharan Africa. <i>Clinical Infectious Diseases</i> , 2016, 62, S23-S31.	5.8	63
23	Human leukocyte antigens in tuberculosis and leprosy. <i>Trends in Microbiology</i> , 1998, 6, 148-154.	7.7	60
24	Capillary refill time as an independent prognostic indicator in severe and complicated malaria. <i>Journal of Pediatrics</i> , 2006, 149, 676-681.	1.8	55
25	Novel Human Parvovirus 4 Genotype 3 in Infants, Ghana. <i>Emerging Infectious Diseases</i> , 2010, 16, 1143-1146.	4.3	55
26	The causal effect of malaria on stunting: a Mendelian randomization and matching approach. <i>International Journal of Epidemiology</i> , 2013, 42, 1390-1398.	1.9	55
27	<i>Saccharomyces boulardii</i> to Prevent Antibiotic-Associated Diarrhea: A Randomized, Double-Masked, Placebo-Controlled Trial. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw011.	0.9	54
28	Typhoid Fever among Children, Ghana. <i>Emerging Infectious Diseases</i> , 2010, 16, 1796-1797.	4.3	51
29	Red cell glucose-6-phosphate dehydrogenase status and pyruvate kinase activity in a Nigerian population. <i>Tropical Medicine and International Health</i> , 2000, 5, 119-123.	2.3	50
30	Gastrointestinal Infections and Diarrheal Disease in Ghanaian Infants and Children: An Outpatient Case-Control Study. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003568.	3.0	50
31	Association of Human Leukocyte Antigen Haplotypes with Posttransplant Lymphoproliferative Disease After Solid Organ Transplantation. <i>Transplantation</i> , 2006, 82, 1093-1100.	1.0	48
32	Application of a multiplex PCR assay for the detection of gastrointestinal pathogens in a rural African setting. <i>BMC Infectious Diseases</i> , 2016, 16, 150.	2.9	48
33	Impact of subpatent multi-species and multi-clonal plasmodial infections on anaemia in children from Nigeria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2000, 94, 399-403.	1.8	46
34	Extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in local and imported poultry meat in Ghana. <i>Veterinary Microbiology</i> , 2018, 217, 7-12.	1.9	46
35	Parasitological Rebound Effect and Emergence of Pyrimethamine Resistance in <i>Plasmodium falciparum</i> after Single-Dose Sulfadoxine-Pyrimethamine. <i>Journal of Infectious Diseases</i> , 2005, 192, 1962-1965.	4.0	44
36	High Prevalence of Markers for Sulfadoxine and Pyrimethamine Resistance in <i>Plasmodium falciparum</i> in the Absence of Drug Pressure in the Ashanti Region of Ghana. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1101-1105.	3.2	44

#	ARTICLE	IF	CITATIONS
37	PCR for enteric pathogens in high-prevalence settings. What does a positive signal tell us?. <i>Infectious Diseases</i> , 2015, 47, 491-498.	2.8	44
38	Seroprevalence of Antibodies against Chikungunya, Dengue, and Rift Valley Fever Viruses after Febrile Illness Outbreak, Madagascar. <i>Emerging Infectious Diseases</i> , 2012, 18, 1780-1786.	4.3	43
39	Molecular Characterization of <i>Cryptosporidium</i> spp. among Children in Rural Ghana. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003551.	3.0	42
40	Extended spectrum beta-lactamase producing Enterobacteriaceae causing bloodstream infections in rural Ghana, 2007-2012. <i>International Journal of Medical Microbiology</i> , 2016, 306, 249-254.	3.6	42
41	HLA-DQB1*0501-Restricted Th1 Type Immune Responses to <i>Plasmodium falciparum</i> Liver Stage Antigen 1 Protect against Malaria Anemia and Reinfections. <i>Journal of Infectious Diseases</i> , 2001, 183, 168-172.	4.0	41
42	Sensitivity of hemozoin detection by automated flow cytometry in non- and semi-immune malaria patients. , 2003, 55B, 46-51.		41
43	Molecular Epidemiology and Antibiotic Susceptibility of <i>Vibrio cholerae</i> Associated with a Large Cholera Outbreak in Ghana in 2014. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004751.	3.0	41
44	Comparative evaluation of two rapid field tests for malaria diagnosis: Partec Rapid Malaria Test® and Binax Now® Malaria Rapid Diagnostic Test. <i>BMC Infectious Diseases</i> , 2011, 11, 143.	2.9	39
45	Seasonal variation and high multiplicity of first <i>Plasmodium falciparum</i> infections in children from a holoendemic area in Ghana, West Africa. <i>Tropical Medicine and International Health</i> , 2006, 11, 613-619.	2.3	38
46	Malaria transmission in non-endemic areas: case report, review of the literature and implications for public health management. <i>Malaria Journal</i> , 2009, 8, 71.	2.3	38
47	Laboratory Findings, Compassionate Use of Favipiravir, and Outcome in Patients With Ebola Virus Disease, Guinea, 2015-A Retrospective Observational Study. <i>Journal of Infectious Diseases</i> , 2019, 220, 195-202.	4.0	38
48	Highly co-ordinated var gene expression and switching in clinical <i>Plasmodium falciparum</i> isolates from non-immune malaria patients. <i>Cellular Microbiology</i> , 2011, 13, 1397-1409.	2.1	37
49	Prevalence of malaria parasitaemia in school children from two districts of Ghana earmarked for indoor residual spraying: a cross-sectional study. <i>Malaria Journal</i> , 2015, 14, 260.	2.3	36
50	Nasal Carriage of <i>Staphylococcus aureus</i> among Children in the Ashanti Region of Ghana. <i>PLoS ONE</i> , 2017, 12, e0170320.	2.5	36
51	Chemoresistance in <i>falciparum</i> malaria. <i>Trends in Parasitology</i> , 2003, 19, 432-435.	3.3	34
52	The contribution of $\delta\alpha$ -thalassaemia to anaemia in a Nigerian population exposed to intense malaria transmission. <i>Tropical Medicine and International Health</i> , 1999, 4, 302-307.	2.3	33
53	Systemic bacteraemia in children presenting with clinical pneumonia and the impact of non-typhoid salmonella (NTS). <i>BMC Infectious Diseases</i> , 2010, 10, 319.	2.9	33
54	Human Parvovirus 4 in Nasal and Fecal Specimens from Children, Ghana. <i>Emerging Infectious Diseases</i> , 2012, 18, 1650-1653.	4.3	33

#	ARTICLE	IF	CITATIONS
55	Comparison of commercial and in-house real-time PCR platforms for 15 parasites and microsporidia in human stool samples without a gold standard. <i>Acta Tropica</i> , 2020, 207, 105516.	2.0	33
56	Spatial Analysis of Land Cover Determinants of Malaria Incidence in the Ashanti Region, Ghana. <i>PLoS ONE</i> , 2011, 6, e17905.	2.5	33
57	A randomized trial on effectiveness of artemether-lumefantrine versus artesunate plus amodiaquine for unsupervised treatment of uncomplicated <i>Plasmodium falciparum</i> malaria in Ghanaian children. <i>Malaria Journal</i> , 2008, 7, 261.	2.3	32
58	Analysis of Diagnostic Findings From the European Mobile Laboratory in GuÃ©ckÃ©dou, Guinea, March 2014 Through March 2015. <i>Journal of Infectious Diseases</i> , 2016, 214, S250-S257.	4.0	32
59	Promoter Variants of the Human Mannose-Binding Lectin Gene Show Different Binding. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 617-622.	2.1	31
60	The Emergence of Reduced Ciprofloxacin Susceptibility in <i>Salmonella enterica</i> Causing Bloodstream Infections in Rural Ghana. <i>Clinical Infectious Diseases</i> , 2016, 62, S32-S36.	5.8	30
61	Emergence of phylogenetically diverse and fluoroquinolone resistant <i>Salmonella</i> Enteritidis as a cause of invasive nontyphoidal <i>Salmonella</i> disease in Ghana. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007485.	3.0	30
62	Fluoroquinolone-Resistant <i>Salmonella enterica</i> , <i>Campylobacter</i> spp., and <i>Arcobacter butzleri</i> from Local and Imported Poultry Meat in Kumasi, Ghana. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 352-358.	1.8	30
63	Viral metagenomics revealed novel betatorquevirus species in pediatric inpatients with encephalitis/meningoencephalitis from Ghana. <i>Scientific Reports</i> , 2019, 9, 2360.	3.3	29
64	Assessing the Relationship between Socioeconomic Conditions and Urban Environmental Quality in Accra, Ghana. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 125-145.	2.6	28
65	Mapping Urban Malaria and Diarrhea Mortality in Accra, Ghana: Evidence of Vulnerabilities and Implications for Urban Health Policy. <i>Journal of Urban Health</i> , 2012, 89, 977-991.	3.6	28
66	Malaria Coinfections in Febrile Pediatric Inpatients: A Hospital-Based Study From Ghana. <i>Clinical Infectious Diseases</i> , 2018, 66, 1838-1845.	5.8	28
67	Prevalence of nasal colonisation by methicillin-sensitive and methicillin-resistant <i>Staphylococcus aureus</i> among healthcare workers and students in Madagascar. <i>BMC Infectious Diseases</i> , 2016, 16, 420.	2.9	27
68	A Multicountry Molecular Analysis of <i>Salmonella enterica</i> Serovar Typhi With Reduced Susceptibility to Ciprofloxacin in Sub-Saharan Africa. <i>Clinical Infectious Diseases</i> , 2016, 62, S42-S46.	5.8	27
69	Antibiotic resistance and clonal diversity of invasive <i>Staphylococcus aureus</i> in the rural Ashanti Region, Ghana. <i>BMC Infectious Diseases</i> , 2016, 16, 720.	2.9	26
70	Melioidosis in Africa: Time to Uncover the True Disease Load. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 62.	2.3	26
71	Transmission of <i>Cryptosporidium</i> Species Among Human and Animal Local Contact Networks in Sub-Saharan Africa: A Multicountry Study. <i>Clinical Infectious Diseases</i> , 2021, 72, 1358-1366.	5.8	26
72	Malaria transmission in two rural communities in the forest zone of Ghana. <i>Parasitology Research</i> , 2011, 108, 1465-1471.	1.6	25

#	ARTICLE	IF	CITATIONS
73	High detection rate of <i>Rickettsia africae</i> in <i>Amblyomma variegatum</i> but low prevalence of anti-rickettsial antibodies in healthy pregnant women in Madagascar. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 60-65.	2.7	25
74	High diversity of human parechovirus including novel types in stool samples from Ghanaian children. <i>Journal of Clinical Virology</i> , 2017, 96, 116-119.	3.1	25
75	Kinetics of Soluble Mediators of the Host Response in Ebola Virus Disease. <i>Journal of Infectious Diseases</i> , 2018, 218, S496-S503.	4.0	25
76	Disturbed gut microbiota and bile homeostasis in <i>Giardia</i> -infected mice contributes to metabolic dysregulation and growth impairment. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	24
77	Associations Between Eight Earth Observation-Derived Climate Variables and Enteropathogen Infection: An Independent Participant Data Meta-Analysis of Surveillance Studies With Broad Spectrum Nucleic Acid Diagnostics. <i>GeoHealth</i> , 2022, 6, e2021GH000452.	4.0	24
78	Evidence of promiscuous endothelial binding by <i>Plasmodium falciparum</i> -infected erythrocytes. <i>Cellular Microbiology</i> , 2014, 16, 701-708.	2.1	23
79	Characterization of <i>Salmonella enterica</i> from invasive bloodstream infections and water sources in rural Ghana. <i>BMC Infectious Diseases</i> , 2018, 18, 47.	2.9	23
80	Cerebral malaria is associated with IgG2 and IgG4 antibody responses to recombinant <i>Plasmodium falciparum</i> RIFIN antigen. <i>Microbes and Infection</i> , 2006, 8, 1269-1276.	1.9	22
81	Q Fever in Young Children, Ghana. <i>Emerging Infectious Diseases</i> , 2008, 14, 344-346.	4.3	22
82	The usefulness of C-reactive protein in predicting malaria parasitemia in a sub-Saharan African region. <i>PLoS ONE</i> , 2018, 13, e0201693.	2.5	21
83	Antimicrobial Usage in Commercial and Domestic Poultry Farming in Two Communities in the Ashanti Region of Ghana. <i>Antibiotics</i> , 2021, 10, 800.	3.7	21
84	<i>Plasmodium falciparum</i> Infection: Influence on Hemoglobin Levels in $\alpha$ -Thalassemia and Microcytosis. <i>Journal of Infectious Diseases</i> , 1999, 180, 925-928.	4.0	20
85	Therapeutic and prophylactic effect of intermittent preventive anti-malarial treatment in infants (IPTi) from Ghana and Gabon. <i>Malaria Journal</i> , 2008, 7, 198.	2.3	20
86	Comparison of the Novel Partec Rapid Malaria Test to the Conventional Giemsa Stain and the Gold Standard Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2925-2928.	3.9	20
87	Neighborhood Urban Environmental Quality Conditions Are Likely to Drive Malaria and Diarrhea Mortality in Accra, Ghana. <i>Journal of Environmental and Public Health</i> , 2011, 2011, 1-10.	0.9	20
88	Cyclovirus CyCV-VN species distribution is not limited to Vietnam and extends to Africa. <i>Scientific Reports</i> , 2014, 4, 7552.	3.3	20
89	Is the A578S Single-Nucleotide Polymorphism in <i>K13-propeller</i> a Marker of Emerging Resistance to Artemisinin Among <i>Plasmodium falciparum</i> in Africa?: Table 1.. <i>Journal of Infectious Diseases</i> , 2016, 213, 165-166.	4.0	20
90	Full matching approach to instrumental variables estimation with application to the effect of malaria on stunting. <i>Annals of Applied Statistics</i> , 2016, 10, .	1.1	20

#	ARTICLE	IF	CITATIONS
91	Review: Genetic diversity of <i>Plasmodium falciparum</i> : asexual stages. <i>Tropical Medicine and International Health</i> , 2002, 7, 395-408.	2.3	19
92	Health Care Utilization and Symptom Severity in Ghanaian Children – a Cross-Sectional Study. <i>PLoS ONE</i> , 2013, 8, e80598.	2.5	19
93	Genotyping of <i>Plasmodium falciparum</i> Pyrimethamine Resistance by Matrix-Assisted Laser Desorption-Ionization Time-of-Flight Mass Spectrometry. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 466-472.	3.2	18
94	Increased detection of invasive enteropathogenic bacteria in pre-incubated blood culture materials by real-time PCR in comparison with automated incubation in Sub-Saharan Africa. <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 616-622.	1.5	18
95	Variations of Invasive <i>Salmonella</i> Infections by Population Size in Asante Akim North Municipal, Ghana. <i>Clinical Infectious Diseases</i> , 2016, 62, S17-S22.	5.8	18
96	Prevalence of <i>Salmonella</i> Excretion in Stool: A Community Survey in 2 Sites, Guinea-Bissau and Senegal. <i>Clinical Infectious Diseases</i> , 2016, 62, S50-S55.	5.8	18
97	Serological survey of HIV and syphilis in pregnant women in Madagascar. <i>Tropical Medicine and International Health</i> , 2013, 18, 35-39.	2.3	17
98	Detection of a Novel <i>gyrB</i> Mutation Associated With Fluoroquinolone-Nonsusceptible <i>Salmonella enterica</i> serovar Typhimurium Isolated From a Bloodstream Infection in Ghana. <i>Clinical Infectious Diseases</i> , 2016, 62, S47-S49.	5.8	17
99	A mobile phone based tool to identify symptoms of common childhood diseases in Ghana: development and evaluation of the integrated clinical algorithm in a cross-sectional study. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 23.	3.0	17
100	Classification of <i>Salmonella enterica</i> of the (Para-)Typhoid Fever Group by Fourier-Transform Infrared (FTIR) Spectroscopy. <i>Microorganisms</i> , 2021, 9, 853.	3.6	17
101	IL3 variant on chromosomal region 5q31–33 and protection from recurrent malaria attacks. <i>Human Molecular Genetics</i> , 2011, 20, 1173-1181.	2.9	16
102	<i>Schistosoma mansoni</i> in schoolchildren in a Madagascan highland school assessed by PCR and sedimentation microscopy and Bayesian estimation of sensitivities and specificities. <i>Acta Tropica</i> , 2014, 134, 89-94.	2.0	16
103	Clinical Indicators for Bacterial Co-Infection in Ghanaian Children with <i>P. falciparum</i> Infection. <i>PLoS ONE</i> , 2015, 10, e0122139.	2.5	16
104	Multicountry Distribution and Characterization of Extended-spectrum $\beta$ -Lactamase-associated Gram-negative Bacteria From Bloodstream Infections in Sub-Saharan Africa. <i>Clinical Infectious Diseases</i> , 2019, 69, S449-S458.	5.8	16
105	Hepatitis E seroprevalence and viremia rate in immunocompromised patients: a systematic review and meta-analysis. <i>Liver International</i> , 2021, 41, 449-455.	3.9	16
106	The genomic epidemiology of multi-drug resistant invasive non-typhoidal <i>Salmonella</i> in selected sub-Saharan African countries. <i>BMJ Global Health</i> , 2021, 6, e005659.	4.7	16
107	Prevalence and Antibiotic Resistance in <i>Campylobacter</i> spp. Isolated from Humans and Food-Producing Animals in West Africa: A Systematic Review and Meta-Analysis. <i>Pathogens</i> , 2022, 11, 140.	2.8	16
108	Drinking Water from Dug Wells in Rural Ghana – <i>Salmonella</i> Contamination, Environmental Factors, and Genotypes. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 3535-3546.	2.6	15

#	ARTICLE	IF	CITATIONS
109	HLA-DP " part of the concert. Trends in Immunology, 1997, 18, 58-61.	7.5	14
110	Malaria incidence and efficacy of intermittent preventive treatment in infants (IPTi). Malaria Journal, 2007, 6, 163.	2.3	14
111	FCGR2A functional genetic variant associated with susceptibility to severe malarial anaemia in Ghanaian children. Journal of Medical Genetics, 2010, 47, 471-475.	3.2	14
112	A "436C>A Polymorphism in the Human FAS Gene Promoter Associated with Severe Childhood Malaria. PLoS Genetics, 2011, 7, e1002066.	3.5	14
113	Diagnostic performance of the Luminex xTAG gastrointestinal pathogens panel to detect rotavirus in Ghanaian children with and without diarrhoea. Virology Journal, 2016, 13, 132.	3.4	14
114	Detection of dicistroviruses RNA in blood of febrile Tanzanian children. Emerging Microbes and Infections, 2019, 8, 613-623.	6.5	14
115	Spectrum of antibiotic resistant bacteria and fungi isolated from chronically infected wounds in a rural district hospital in Ghana. PLoS ONE, 2020, 15, e0237263.	2.5	14
116	Understanding attitude, practices and knowledge of zoonotic infectious disease risks among poultry farmers in Ghana. Veterinary Medicine and Science, 2020, 6, 631-638.	1.6	14
117	Evidence for a reduced effect of chloroquine against Plasmodium falciparum in alpha+ thalassaemic children. Tropical Medicine and International Health, 2001, 6, 102-107.	2.3	13
118	Simvastatin Treatment Shows No Effect on the Incidence of Cerebral Malaria or Parasitemia during Experimental Malaria. Antimicrobial Agents and Chemotherapy, 2008, 52, 1583-1584.	3.2	13
119	Current meningitis outbreak in Ghana: Historical perspectives and the importance of diagnostics. Acta Tropica, 2017, 169, 51-56.	2.0	13
120	Regional Variation of Extended-Spectrum Beta-Lactamase (ESBL)-Producing Enterobacterales, Fluoroquinolone-Resistant Salmonella enterica and Methicillin-Resistant Staphylococcus aureus Among Febrile Patients in Sub-Saharan Africa. Frontiers in Microbiology, 2020, 11, 567235.	3.5	13
121	Comparative genomics revealed adaptive admixture in Cryptosporidium hominis in Africa. Microbial Genomics, 2021, 7, .	2.0	13
122	ASSOCIATION OF PLASMODIUM FALCIPARUM CHLOROQUINE RESISTANCE TRANSPORTER VARIANT T76 WITH AGE-RELATED PLASMA CHLOROQUINE LEVELS. American Journal of Tropical Medicine and Hygiene, 2003, 68, 143-146.	1.4	13
123	Predictive Value of Fever and Palmar Pallor for P. falciparum Parasitaemia in Children from an Endemic Area. PLoS ONE, 2012, 7, e36678.	2.5	12
124	Geographically weighted regression of land cover determinants of Plasmodium falciparum transmission in the Ashanti Region of Ghana. International Journal of Health Geographics, 2014, 13, 35.	2.5	12
125	Spatial heterogeneity of malaria in Ghana: a cross-sectional study on the association between urbanicity and the acquisition of immunity. Malaria Journal, 2016, 15, 84.	2.3	12
126	Association Between Malaria and Invasive Nontyphoidal Salmonella Infection in a Hospital Study: Accounting for Berkson's Bias. Clinical Infectious Diseases, 2016, 62, S83-S89.	5.8	12



#	ARTICLE	IF	CITATIONS
127	No serological evidence for Zika virus infection and low specificity for anti-Zika virus ELISA in malaria positive individuals among pregnant women from Madagascar in 2010. PLoS ONE, 2017, 12, e0176708.	2.5	12
128	Human Parvovirus 4 Viremia in Young Children, Ghana. Emerging Infectious Diseases, 2012, 18, 1690-1692.	4.3	11
129	Presence of Borrelia spp. DNA in ticks, but absence of Borrelia spp. and of Leptospira spp. DNA in blood of fever patients in Madagascar. Acta Tropica, 2018, 177, 127-134.	2.0	11
130	Determining the Best Immunization Strategy for Protecting African Children Against Invasive Salmonella Disease. Clinical Infectious Diseases, 2018, 67, 1824-1830.	5.8	11
131	Differing Effects of Standard and Harsh Nucleic Acid Extraction Procedures on Diagnostic Helminth Real-Time PCRs Applied to Human Stool Samples. Pathogens, 2021, 10, 188.	2.8	11
132	Exploring the use of web searches for risk communication during COVID-19 in Germany. Scientific Reports, 2021, 11, 6419.	3.3	11
133	Immune responses after single-dose sulphadoxine-pyrimethamine indicate underestimation of protective efficacy of intermittent preventive treatment in infants. Tropical Medicine and International Health, 2007, 12, 1157-1163.	2.3	10
134	Sickle cell trait (HbAS) and stunting in children below two years of age in an area of high malaria transmission. Malaria Journal, 2009, 8, 16.	2.3	10
135	Multiplicity of Plasmodium falciparum infection following intermittent preventive treatment in infants. Malaria Journal, 2010, 9, 244.	2.3	10
136	Identification of nasal colonization with $\beta$ -lactamase-producing enterobacteriaceae in patients, health care workers and students in Madagascar. European Journal of Microbiology and Immunology, 2015, 5, 116-125.	2.8	10
137	Validation and Identification of Invasive <i>Salmonella</i> Serotypes in Sub-Saharan Africa by Multiplex Polymerase Chain Reaction: Table 1.. Clinical Infectious Diseases, 2016, 62, S80-S82.	5.8	10
138	Endothelial Protein C Receptor Gene Variants Not Associated with Severe Malaria in Ghanaian Children. PLoS ONE, 2014, 9, e115770.	2.5	10
139	16S rRNA Gene Sequence-Based Identification of Bacteria in Automatically Incubated Blood Culture Materials from Tropical Sub-Saharan Africa. PLoS ONE, 2015, 10, e0135923.	2.5	10
140	Molecular Characterization of Staphylococcus aureus Isolated from Chronic Infected Wounds in Rural Ghana. Microorganisms, 2020, 8, 2052.	3.6	10
141	Spleen size determined by ultrasound in patients with sickle cell trait, HbAC trait and glucose-6-phosphate-dehydrogenase deficiency in a malaria hyperendemic area (Ashanti Region, Ghana). Acta Tropica, 2001, 80, 103-109.	2.0	9
142	Promoter Polymorphism of the Anion-Exchange Protein 1 Associated with Severe Malarial Anemia and Fatality. Journal of Infectious Diseases, 2006, 194, 949-957.	4.0	9
143	The impact of IgG antibodies to recombinant Plasmodium falciparum 732var CIDR-1 $\pm$ domain in mothers and their newborn babies. Parasitology Research, 2007, 101, 767-774.	1.6	9
144	Fluorescence in situ hybridization (FISH) for rapid identification of Salmonella spp. from agar and blood culture broth-An option for the tropics?. International Journal of Medical Microbiology, 2013, 303, 277-284.	3.6	9

#	ARTICLE	IF	CITATIONS
145	Are brucellosis, Q fever and melioidosis potential causes of febrile illness in Madagascar?. <i>Acta Tropica</i> , 2017, 172, 255-262.	2.0	9
146	Investigating the utility of Google trends for Zika and Chikungunya surveillance in Venezuela. <i>BMC Public Health</i> , 2020, 20, 947.	2.9	9
147	Molecular epidemiology and seroprevalence in asymptomatic <i>Plasmodium falciparum</i> infections of Malagasy pregnant women in the highlands. <i>Malaria Journal</i> , 2015, 14, 188.	2.3	8
148	Burden of influenza among hospitalized febrile children in Ghana. <i>Influenza and Other Respiratory Viruses</i> , 2017, 11, 497-501.	3.4	8
149	Exposure of domestic swine to influenza A viruses in Ghana suggests unidirectional, reverse zoonotic transmission at the humanâ€“animal interface. <i>Zoonoses and Public Health</i> , 2020, 67, 697-707.	2.2	8
150	Travel-associated <i>Coxiella burnetii</i> infections: Three cases of Q fever with different clinical manifestation. <i>Travel Medicine and Infectious Disease</i> , 2007, 5, 374-379.	3.0	7
151	<i>Rickettsia felis</i> Infection in Febrile Children, Ghana. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 16-0754.	1.4	7
152	Causes of fever in Gabonese children: a cross-sectional hospital-based study. <i>Scientific Reports</i> , 2020, 10, 2080.	3.3	7
153	Molecular and epidemiologic characterization of the diphtheria outbreak in Venezuela. <i>Scientific Reports</i> , 2021, 11, 6378.	3.3	7
154	Challenges in the clinical development pathway for triple and multiple drug combinations in the treatment of uncomplicated <i>falciparum</i> malaria. <i>Malaria Journal</i> , 2022, 21, 61.	2.3	7
155	Epidemiology of Plasmids in <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> with Acquired Extended Spectrum Beta-Lactamase Genes Isolated from Chronic Wounds in Ghana. <i>Antibiotics</i> , 2022, 11, 689.	3.7	7
156	Non-typhoidal salmonella: invasive, lethal, and on the loose. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 1267-1269.	9.1	6
157	Determinants of post-malarial anemia in African children treated with parenteral artesunate. <i>Scientific Reports</i> , 2019, 9, 18134.	3.3	6
158	Loop-mediated isothermal amplification-based detection of typhoid fever on an automated Genie II Mk2 system â€“ A case-control-based approach. <i>Acta Tropica</i> , 2019, 190, 293-295.	2.0	6
159	Molecular epidemiology of respiratory syncytial virus in children in subâ€“Saharan Africa. <i>Tropical Medicine and International Health</i> , 2021, 26, 810-822.	2.3	6
160	Human genetic variant E756del in the ion channel PIEZO1 not associated with protection from severe malaria in a large Ghanaian study. <i>Journal of Human Genetics</i> , 2022, 67, 65-67.	2.3	6
161	Multicentric Evaluation of SeeGene Allplex Real-Time PCR Assays Targeting 28 Bacterial, Microsporidal and Parasitic Nucleic Acid Sequences in Human Stool Samples. <i>Diagnostics</i> , 2022, 12, 1007.	2.6	6
162	Urbanicity and Paediatric Bacteraemia in Ghanaâ€“A Case-Control Study within a Rural-Urban Transition Zone. <i>PLoS ONE</i> , 2015, 10, e0139433.	2.5	5

#	ARTICLE	IF	CITATIONS
163	Feasibility of Electronic Health Information and Surveillance System (eHISS) for disease symptom monitoring: A case of rural Ghana. PLoS ONE, 2018, 13, e0197756.	2.5	5
164	Cytokine Profile Distinguishes Children With Plasmodium falciparum Malaria From Those With Bacterial Blood Stream Infections. Journal of Infectious Diseases, 2020, 221, 1098-1106.	4.0	5
165	Clonal Clusters, Molecular Resistance Mechanisms and Virulence Factors of Gram-Negative Bacteria Isolated from Chronic Wounds in Ghana. Antibiotics, 2021, 10, 339.	3.7	5
166	Association of Plasmodium falciparum chloroquine resistance transporter variant T76 with age-related plasma chloroquine levels. American Journal of Tropical Medicine and Hygiene, 2003, 68, 143-6.	1.4	5
167	Lack of Association of CD55 Receptor Genetic Variants and Severe Malaria in Ghanaian Children. G3: Genes, Genomes, Genetics, 2017, 7, 859-864.	1.8	4
168	Serum cytokine responses in Rickettsia felis infected febrile children, Ghana. Medical Microbiology and Immunology, 2018, 207, 243-248.	4.8	4
169	Editorial: Antifolates in prevention of HIV-associated opportunistic infections and in intermittent preventive treatment of malaria in Africa. Tropical Medicine and International Health, 2005, 10, 293-294.	2.3	3
170	Follow-up Survey of Children Who Received Sulfadoxine-Pyrimethamine for Intermittent Preventive Antimalarial Treatment in Infants. Journal of Infectious Diseases, 2011, 203, 556-560.	4.0	3
171	A study of autopsy procedures in Ghana: implications for the use of autopsy data in epidemiological analyses. Journal of Public Health in Africa, 2011, 2, e7.	0.4	2
172	Influence of broth enrichment as well as storage and transport time on the sensitivity of MRSA surveillance in the tropics. European Journal of Microbiology and Immunology, 2017, 7, 274-277.	2.8	2
173	Socioeconomic Status and Temporal Urban Environmental Change in Accra: a Comparative Analysis of Area-based Socioeconomic and Urban Environmental Quality Conditions Between Two Time Points. Environmental Management, 2019, 63, 574-582.	2.7	2
174	Chloroquine-Resistant Malaria in Malawi. New England Journal of Medicine, 2007, 356, 868-869.	27.0	1
175	Surveillance of malaria drug resistance: improvement needed?. Therapy: Open Access in Clinical Medicine, 2010, 7, 3-6.	0.2	1
176	A review of the structure and function of vital registration system in Ghana: towards improvement in mortality data quality for health policy analysis. Journal of Public Health in Africa, 2011, 2, e5.	0.4	1
177	A cross-sectional study on risk factors for infection with Parvovirus B19 and the association with anaemia in a febrile paediatric population in Ghana. Scientific Reports, 2020, 10, 15695.	3.3	1
178	Classification of invasive bloodstream infections and Plasmodium falciparum malaria using autoantibodies as biomarkers. Scientific Reports, 2020, 10, 21168.	3.3	1
179	Bloodstream infection with Acinetobacter baumannii in a Plasmodium falciparum positive infant: a case report. Journal of Medical Case Reports, 2021, 15, 46.	0.8	1
180	Negative SARS-CoV-2 PCR or rapid antigen test result and the subsequent risk of being infectious: a mathematical simulation study. BMC Medical Research Methodology, 2021, 21, 165.	3.1	1

#	ARTICLE	IF	CITATIONS
181	Molecular Evidence for Flea-Borne Rickettsiosis in Febrile Patients from Madagascar. <i>Pathogens</i> , 2021, 10, 1482.	2.8	1
182	A synonymous mutation of ancient origin in the glucose-6-phosphate dehydrogenase gene and assessment of haplotypes. <i>Blood Cells, Molecules, and Diseases</i> , 2003, 30, 144-145.	1.4	0
183	Area-Based Socioeconomic Conditions and Urban Malaria and Diarrhea Mortalities in Accra, Ghana. <i>International Journal of Tropical Medicine</i> , 2012, 7, 6-16.	0.1	0
184	Prediction of Antibiotic Susceptibility Profiles of <i>Vibrio cholerae</i> Isolates From Whole Genome Illumina and Nanopore Sequencing Data: CholerAegon. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	0