Florian Marks

List of Publications by Citations

105 papers	2,629 citations	25 h-index	48 g-index
117 ext. papers	3,529 ext. citations	9 avg, IF	5.67 L-index

#	Paper	IF	Citations
105	Phylogeographical analysis of the dominant multidrug-resistant H58 clade of Salmonella Typhi identifies inter- and intracontinental transmission events. *Nature Genetics*, **2015**, 47, 632-9	36.3	305
104	Looking beyond COVID-19 vaccine phase 3 trials. *Nature Medicine*, **2021**, 27, 205-211	50.5	251
103	The global burden of typhoid and paratyphoid fevers: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet Infectious Diseases, The*, **2019**, 19, 369-381	25.5	234
102	Incidence of invasive salmonella disease in sub-Saharan Africa: a multicentre population-based surveillance study. *The Lancet Global Health*, **2017**, 5, e310-e323	13.6	152
101	The burden of typhoid fever in low- and middle-income countries: A meta-regression approach. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005376	4.8	148
100	A current perspective on antimicrobial resistance in Southeast Asia. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 2963-2972	5.1	83
99	A randomized controlled trial of extended intermittent preventive antimalarial treatment in infants. *Clinical Infectious Diseases*, **2007**, 45, 16-25	11.6	79
98	Incidence and characteristics of bacteremia among children in rural Ghana. *PLoS ONE*, **2012**, 7, e44063	3.7	66
97	The Typhoid Fever Surveillance in Africa Program (TSAP): Clinical, Diagnostic, and Epidemiological Methodologies. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S9-S16	11.6	54
96	The phylogeography and incidence of multi-drug resistant typhoid fever in sub-Saharan Africa. *Nature Communications*, **2018**, 9, 5094	17.4	53
95	The global burden and epidemiology of invasive non-typhoidal infections. *Human Vaccines and Immunotherapeutics*, **2019**, 15, 1421-1426	4.4	51
94	Typhoid fever among children, Ghana. *Emerging Infectious Diseases*, **2010**, 16, 1796-7	10.2	46
93	Current perspectives on invasive nontyphoidal Salmonella disease. *Current Opinion in Infectious Diseases*, **2017**, 30, 498-503	5.4	44
92	Parasitological rebound effect and emergence of pyrimethamine resistance in Plasmodium falciparum after single-dose sulfadoxine-pyrimethamine. *Journal of Infectious Diseases*, **2005**, 192, 1962-5	7	42
91	The Relationship Between Invasive Nontyphoidal Salmonella Disease, Other Bacterial Bloodstream Infections, and Malaria in Sub-Saharan Africa. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S23-31	11.6	41
90	High prevalence of markers for sulfadoxine and pyrimethamine resistance in Plasmodium falciparum in the absence of drug pressure in the Ashanti region of Ghana. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 1101-5	5.9	40
89	Invasive Non-typhoidal Salmonella Infections in Asia: Clinical Observations, Disease Outcome and Dominant Serovars from an Infectious Disease Hospital in Vietnam. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004857	4.8	37

88	Typhoid conjugate vaccines: a new tool in the fight against antimicrobial resistance. *Lancet Infectious Diseases, The*, **2019**, 19, e26-e30	25.5	37
87	Typhoid fever vaccination strategies. *Vaccine*, **2015**, 33 Suppl 3, C55-61	4.1	36
86	Seasonal variation and high multiplicity of first Plasmodium falciparum infections in children from a holoendemic area in Ghana, West Africa. *Tropical Medicine and International Health*, **2006**, 11, 613-9	2.3	33
85	Estimating leptospirosis incidence using hospital-based surveillance and a population-based health care utilization survey in Tanzania. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2589	4.8	32
84	Updated estimates of typhoid fever burden in sub-Saharan Africa. *The Lancet Global Health*, **2017**, 5, e969	13.6	29
83	Sm-p80-based schistosomiasis vaccine: double-blind preclinical trial in baboons demonstrates comprehensive prophylactic and parasite transmission-blocking efficacy. *Annals of the New York Academy of Sciences*, **2018**, 1425, 38-51	6.5	28
82	Extended spectrum beta-lactamase producing Enterobacteriaceae causing bloodstream infections in rural Ghana, 2007-2012. *International Journal of Medical Microbiology*, **2016**, 306, 249-54	3.7	28
81	Molecular Surveillance Identifies Multiple Transmissions of Typhoid in West Africa. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004781	4.8	27
80	Utilization of Healthcare in the Typhoid Fever Surveillance in Africa Program. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S56-68	11.6	25
79	Systemic bacteraemia in children presenting with clinical pneumonia and the impact of non-typhoid salmonella (NTS). *BMC Infectious Diseases*, **2010**, 10, 319	4	25
78	A Multicountry Molecular Analysis of Salmonella enterica Serovar Typhi With Reduced Susceptibility to Ciprofloxacin in Sub-Saharan Africa. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S42-6	11.6	22
77	Antibiotic resistance and clonal diversity of invasive Staphylococcus aureus in the rural Ashanti Region, Ghana. *BMC Infectious Diseases*, **2016**, 16, 720	4	22
76	The Emergence of Reduced Ciprofloxacin Susceptibility in Salmonella enterica Causing Bloodstream Infections in Rural Ghana. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S32-6	11.6	20
75	Variations of Invasive Salmonella Infections by Population Size in Asante Akim North Municipal, Ghana. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S17-22	11.6	17
74	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. *Scandinavian Journal of Infectious Diseases*, **2013**, 45, 616-22		17
73	Interaction between Salmonella and Schistosomiasis: A Review. *PLoS Pathogens*, **2016**, 12, e1005928	7.6	17
72	Characterization of Salmonella enterica from invasive bloodstream infections and water sources in rural Ghana. *BMC Infectious Diseases*, **2018**, 18, 47	4	15
71	Genotyping of Plasmodium falciparum pyrimethamine resistance by matrix-assisted laser desorption-ionization time-of-flight mass spectrometry. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 466-72	5.9	15

70	Occurrence of Typhoid Fever Complications and Their Relation to Duration of Illness Preceding Hospitalization: A Systematic Literature Review and Meta-analysis. *Clinical Infectious Diseases*, **2019**, 69, S435-S448	11.6	14
69	Bloodstream Infections and Frequency of Pretreatment Associated With Age and Hospitalization Status in Sub-Saharan Africa. *Clinical Infectious Diseases*, **2015**, 61 Suppl 4, S372-9	11.6	14
68	Emergence of phylogenetically diverse and fluoroquinolone resistant Salmonella Enteritidis as a cause of invasive nontyphoidal Salmonella disease in Ghana. *PLoS Neglected Tropical Diseases*, **2019**, 13, e0007485	4.8	13
67	Prevalence of Salmonella Excretion in Stool: A Community Survey in 2 Sites, Guinea-Bissau and Senegal. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S50-5	11.6	13
66	Spatial and Temporal Patterns of Typhoid and Paratyphoid Fever Outbreaks: A Worldwide Review, 1990-2018. *Clinical Infectious Diseases*, **2019**, 69, S499-S509	11.6	13
65	Clinical indicators for bacterial co-infection in Ghanaian children with P. falciparum infection. *PLoS ONE*, **2015**, 10, e0122139	3.7	13
64	Malaria incidence and efficacy of intermittent preventive treatment in infants (IPTi). *Malaria Journal*, **2007**, 6, 163	3.6	13
63	Vaccination against SARS-CoV-2 and disease enhancement - knowns and unknowns. *Expert Review of Vaccines*, **2020**, 19, 691-698	5.2	13
62	What Have We Learned From the Typhoid Fever Surveillance in Africa Program?. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S1-3	11.6	13
61	A global resource for genomic predictions of antimicrobial resistance and surveillance of Salmonella Typhi at pathogenwatch. *Nature Communications*, **2021**, 12, 2879	17.4	12
60	A Way Forward for Healthcare in Madagascar?. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S76-9	11.6	11
59	Detection of a Novel gyrB Mutation Associated With Fluoroquinolone-Nonsusceptible Salmonella enterica serovar Typhimurium Isolated From a Bloodstream Infection in Ghana. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S47-9	11.6	11
58	Protecting children against Japanese encephalitis in Bali, Indonesia. *Lancet, The*, **2018**, 391, 2500-2501	40	11
57	Drinking water from dug wells in rural ghana--salmonella contamination, environmental factors, and genotypes. *International Journal of Environmental Research and Public Health*, **2015**, 12, 3535-46	4.6	11
56	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	3.2	10
55	Association Between Malaria and Invasive Nontyphoidal Salmonella Infection in a Hospital Study: Accounting for Berkson's Bias. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S83-9	11.6	10
54	The Severe Typhoid Fever in Africa Program: Study Design and Methodology to Assess Disease Severity, Host Immunity, and Carriage Associated With Invasive Salmonellosis. *Clinical Infectious Diseases*, **2019**, 69, S422-S434	11.6	10
53	Effectiveness of the Viet Nam produced, mouse brain-derived, inactivated Japanese encephalitis vaccine in Northern Viet Nam. *PLoS Neglected Tropical Diseases*, **2012**, 6, e1952	4.8	10

52	A Qualitative Study Investigating Experiences, Perceptions, and Healthcare System Performance in Relation to the Surveillance of Typhoid Fever in Madagascar. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S69-75	11.6	10
51	Validation and Identification of Invasive Salmonella Serotypes in Sub-Saharan Africa by Multiplex Polymerase Chain Reaction. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S80-2	11.6	9
50	Multicountry Distribution and Characterization of Extended-spectrum β-Lactamase-associated Gram-negative Bacteria From Bloodstream Infections in Sub-Saharan Africa. *Clinical Infectious Diseases*, **2019**, 69, S449-S458	11.6	9
49	A Systematic Review of Typhoid Fever Occurrence in Africa. *Clinical Infectious Diseases*, **2019**, 69, S492-S498	11.6	9
48	Bacteremia Among Febrile Patients Attending Selected Healthcare Facilities in Ibadan, Nigeria. *Clinical Infectious Diseases*, **2019**, 69, S466-S473	11.6	9
47	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, 277-84	3.7	9
46	The Surveillance for Enteric Fever in Asia Project (SEAP), Severe Typhoid Fever Surveillance in Africa (SETA), Surveillance of Enteric Fever in India (SEFI), and Strategic Typhoid Alliance Across Africa and Asia (STRATAA) Population-based Enteric Fever Studies: A Review of Methodological Similarities and Differences. *Clinical Infectious Diseases*, **2020**, 71, S102-S110	11.6	9
45	The usefulness of C-reactive protein in predicting malaria parasitemia in a sub-Saharan African region. *PLoS ONE*, **2018**, 13, e0201693	3.7	8
44	Determining the Best Immunization Strategy for Protecting African Children Against Invasive Salmonella Disease. *Clinical Infectious Diseases*, **2018**, 67, 1824-1830	11.6	8
43	Fifteen Years of Sm-p80-Based Vaccine Trials in Nonhuman Primates: Antibodies From Vaccinated Baboons Confer Protection and From and Identification of Putative Correlative Markers of Protection. *Frontiers in Immunology*, **2020**, 11, 1246	8.4	7
42	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	3.6	7
41	Chromosomal and plasmid-mediated fluoroquinolone resistance in human Salmonella enterica infection in Ghana. *BMC Infectious Diseases*, **2019**, 19, 898	4	7
40	16S rRNA Gene Sequence-Based Identification of Bacteria in Automatically Incubated Blood Culture Materials from Tropical Sub-Saharan Africa. *PLoS ONE*, **2015**, 10, e0135923	3.7	7
39	The epidemiology of dengue outbreaks in 2016 and 2017 in Ouagadougou, Burkina Faso. *Heliyon*, **2020**, 6, e04389	3.6	7
38	Can cholera 'hotspots' be converted to cholera 'coldspots' in cholera endemic countries? The Matlab, Bangladesh experience. *International Journal of Infectious Diseases*, **2020**, 95, 28-31	10.5	6
37	Diagnosing Salmonella enterica Serovar Typhi Infections by Polymerase Chain Reaction Using EDTA Blood Samples of Febrile Patients From Burkina Faso. *Clinical Infectious Diseases*, **2016**, 62 Suppl 1, S37-41	11.6	6
36	Pseudomonas oryzihabitans sepsis in a 1-year-old child with multiple skin rashes: a case report. *Journal of Medical Case Reports*, **2017**, 11, 77	1.2	6
35	The HPAfrica protocol: Assessment of health behaviour and population-based socioeconomic, hygiene behavioural factors - a standardised repeated cross-sectional study in multiple cohorts in sub-Saharan Africa. *BMJ Open*, **2018**, 8, e021438	3	6

34	The Dengue virus in Nepal: gaps in diagnosis and surveillance. *Annals of Clinical Microbiology and Antimicrobials*, **2018**, 17, 32	6.2	6
33	Are brucellosis, Q fever and melioidosis potential causes of febrile illness in Madagascar?. *Acta Tropica*, **2017**, 172, 255-262	3.2	5
32	A conjugate vaccine against typhoid fever. *Lancet Infectious Diseases, The*, **2014**, 14, 90-1	25.5	5
31	Loop-mediated isothermal amplification-based detection of typhoid fever on an automated Genie II Mk2 system - A case-control-based approach. *Acta Tropica*, **2019**, 190, 293-295	3.2	5
30	Incidence of non-typhoidal Salmonella invasive disease: A systematic review and meta-analysis. *Journal of Infection*, **2021**, 83, 523-532	18.9	5
29	Gonococcal sepsis in a 32-year-old female: a case report. *BMC Research Notes*, **2018**, 11, 253	2.3	4
28	Efficacy of a bivalent killed whole-cell cholera vaccine over five years: a re-analysis of a cluster-randomized trial. *BMC Infectious Diseases*, **2018**, 18, 84	4	4
27	A Multicenter Cost-of-Illness and Long-term Socioeconomic Follow-up Study in the Severe Typhoid Fever in Africa Program: Study Protocol. *Clinical Infectious Diseases*, **2019**, 69, S459-S465	11.6	4
26	Acute Febrile Illness Among Children in Butajira, South-Central Ethiopia During the Typhoid Fever Surveillance in Africa Program. *Clinical Infectious Diseases*, **2019**, 69, S483-S491	11.6	4
25	Urbanicity and Paediatric Bacteraemia in Ghana-A Case-Control Study within a Rural-Urban Transition Zone. *PLoS ONE*, **2015**, 10, e0139433	3.7	4
24	Reproducible diagnostic metabolites in plasma from typhoid fever patients in Asia and Africa. *ELife*, **2017**, 6,	8.9	4
23	Effectiveness of a killed whole-cell oral cholera vaccine in Bangladesh: further follow-up of a cluster-randomised trial. *Lancet Infectious Diseases, The*, **2021**, 21, 1407-1414	25.5	4
22	Use of oral cholera vaccine as a vaccine probe to define the geographical dimensions of person-to-person transmission of cholera. *International Journal of Infectious Diseases*, **2018**, 66, 90-95	10.5	3
21	How Can the Typhoid Fever Surveillance in Africa and the Severe Typhoid Fever in Africa Programs Contribute to the Introduction of Typhoid Conjugate Vaccines?. *Clinical Infectious Diseases*, **2019**, 69, S417-S421	11.6	3
20	The Typhoid Fever Surveillance in Africa Program: Geospatial Sampling Frames for Household-based Studies: Lessons Learned From a Multicountry Surveillance Network in Senegal, South Africa, and Sudan. *Clinical Infectious Diseases*, **2019**, 69, S474-S482	11.6	3
19	Can Existing Improvements of Water, Sanitation, and Hygiene (WASH) in Urban Slums Reduce the Burden of Typhoid Fever in These Settings?. *Clinical Infectious Diseases*, **2021**, 72, e720-e726	11.6	3
18	Ralstonia mannitolilytica sepsis: a case report. *Journal of Medical Case Reports*, **2019**, 13, 318	1.2	2
17	A model immunization programme to control Japanese encephalitis in Viet Nam. *Journal of Health, Population and Nutrition*, **2015**, 33, 207-13	2.5	2

16	Surge of Typhoid Intestinal Perforations as Possible Result of COVID-19-Associated Delays in Seeking Care, Madagascar. *Emerging Infectious Diseases*, **2021**, 27, 3163-3165	10.2	2
15	A global resource for genomic predictions of antimicrobial resistance and surveillance of Salmonella Typhi at Pathogenwatch		2
14	Cytokine Profile Distinguishes Children With Plasmodium falciparum Malaria From Those With Bacterial Blood Stream Infections. *Journal of Infectious Diseases*, **2020**, 221, 1098-1106	7	2
13	Evaluation of Typhoid Conjugate Vaccine Effectiveness in Ghana (TyVEGHA) Using a Cluster-Randomized Controlled Phase IV Trial: Trial Design and Population Baseline Characteristics. *Vaccines*, **2021**, 9,	5.3	2
12	Madagascar should introduce typhoid conjugate vaccines now. *Lancet, The*, **2018**, 392, 1309-1310	40	2
11	Multistakeholder partnerships with the Democratic PeoplesTRepublic of Korea to improve childhood immunisation: A perspective from global health equity and political determinants of health equity. *Tropical Medicine and International Health*, **2016**, 21, 965-972	2.3	1
10	The Monitoring and Evaluation of a Multicountry Surveillance Study, the Severe Typhoid Fever in Africa Program. *Clinical Infectious Diseases*, **2019**, 69, S510-S518	11.6	1
9	Protection conferred by typhoid fever against recurrent typhoid fever in urban Kolkata. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0008530	4.8	1
8	Pathogens That Cause Acute Febrile Illness Among Children and Adolescents in Burkina Faso, Madagascar, and Sudan. *Clinical Infectious Diseases*, **2021**, 73, 1338-1345	11.6	1
7	The genomic epidemiology of multi-drug resistant invasive non-typhoidal in selected sub-Saharan African countries. *BMJ Global Health*, **2021**, 6,	6.6	1
6	Classification of invasive bloodstream infections and Plasmodium falciparum malaria using autoantibodies as biomarkers. *Scientific Reports*, **2020**, 10, 21168	4.9	0
5	Prevention of Typhoid Fever by Existing Improvements in Household Water, Sanitation, and Hygiene, and the Use of the Vi Polysaccharide Typhoid Vaccine in Poor Urban Slums: Results from a Cluster-Randomized Trial.. *American Journal of Tropical Medicine and Hygiene*, **2022**, 106, 1149-1155	3.2	0
4	Geographical distribution of risk factors for invasive non-typhoidal Salmonella at the subnational boundary level in sub-Saharan Africa. *BMC Infectious Diseases*, **2021**, 21, 529	4	
3	Re-evaluation of population-level protection conferred by a rotavirus vaccine using the Tfried-eggT approach in a rural setting in Bangladesh. *Vaccine*, **2021**, 39, 5876-5882	4.1	
2	The Burden of Typhoid Fever in Sub-Saharan Africa: A Perspective.. *Research and Reports in Tropical Medicine*, **2022**, 13, 1-9	2.9	
1	Economic impact of cholera in households in rural southern Malawi: a prospective study. *BMJ Open*, **2022**, 12, e052337	3	