

# Nicholas A Feasey

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

4,763  
citations

147566

31  
h-index

110170

64  
g-index

107  
all docs

107  
docs citations

107  
times ranked

5294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized methods for detecting <i>Salmonella</i> Typhi in the environment using validated field sampling, culture and confirmatory molecular approaches. <i>Journal of Applied Microbiology</i> , 2022, 132, 1503-1517.	1.4	11
2	Spatial and Genomic Data to Characterize Endemic Typhoid Transmission. <i>Clinical Infectious Diseases</i> , 2022, 74, 1993-2000.	2.9	9
3	A Longitudinal, Observational Study of Etiology and Long-Term Outcomes of Sepsis in Malawi Revealing the Key Role of Disseminated Tuberculosis. <i>Clinical Infectious Diseases</i> , 2022, 74, 1840-1849.	2.9	7
4	Genomic and antigenic diversity of colonizing <i>Klebsiella pneumoniae</i> isolates mirrors that of invasive isolates in Blantyre, Malawi. <i>Microbial Genomics</i> , 2022, 8, .	1.0	5
5	Rainfall Anomalies and Typhoid Fever in Blantyre, Malawi. <i>Epidemiology and Infection</i> , 2022, , 1-22.	1.0	1
6	How to sequence 10,000 bacterial genomes and retain your sanity: an accessible, efficient and global approach. <i>Access Microbiology</i> , 2022, 4, .	0.2	0
7	Stepwise evolution of <i>Salmonella</i> Typhimurium ST313 causing bloodstream infection in Africa. <i>Nature Microbiology</i> , 2021, 6, 327-338.	5.9	68
8	Presentations and outcomes of central nervous system TB in a UK cohort: The high burden of neurological morbidity. <i>Journal of Infection</i> , 2021, 82, 90-97.	1.7	12
9	Complete Genome Sequences of African <i>Salmonella enterica</i> Serovar Enteritidis Clinical Isolates Associated with Bloodstream Infection. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	6
10	Isolation and Characterisation of Bacteriophages with Activity against Invasive Non-Typhoidal <i>Salmonella</i> Causing Bloodstream Infection in Malawi. <i>Viruses</i> , 2021, 13, 478.	1.5	8
11	Laboratory informatics capacity for effective antimicrobial resistance surveillance in resource-limited settings. <i>Lancet Infectious Diseases</i> , The, 2021, 21, e170-e174.	4.6	13
12	Healthcare-associated infections and antimicrobial use in surgical wards of a large urban central hospital in Blantyre, Malawi: a point prevalence survey. <i>Infection Prevention in Practice</i> , 2021, 3, 100163.	0.6	8
13	A novel air-dried multiplex high-resolution melt assay for the detection of extended-spectrum $\beta$ -lactamase and carbapenemase genes. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 123-131.	0.9	5
14	Genomic investigation of a suspected <i>Klebsiella pneumoniae</i> outbreak in a neonatal care unit in sub-Saharan Africa. <i>Microbial Genomics</i> , 2021, 7, .	1.0	8
15	An accessible, efficient and global approach for the large-scale sequencing of bacterial genomes. <i>Genome Biology</i> , 2021, 22, 349.	3.8	20
16	Nontyphoid <i>Salmonella</i> Disease. , 2020, , 500-506.		7
17	Cost-effectiveness of using environmental surveillance to target the roll-out typhoid conjugate vaccine. <i>Vaccine</i> , 2020, 38, 1661-1670.	1.7	8
18	Emergence of carbapenemase-producing Enterobacteriaceae in Malawi. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 20, 225-227.	0.9	9

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19	Population Incidence and Mortality of Sepsis in an Urban African Setting, 2013–2016. <i>Clinical Infectious Diseases</i> , 2020, 71, 2547-2552.	2.9	14
20	Prevalence and outcome of bloodstream infections due to third-generation cephalosporin-resistant Enterobacteriaceae in sub-Saharan Africa: a systematic review. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 492-507.	1.3	37
21	Febrile Illness Evaluation in a Broad Range of Endemicities (FIEBRE): protocol for a multisite prospective observational study of the causes of fever in Africa and Asia. <i>BMJ Open</i> , 2020, 10, e035632.	0.8	25
22	Intestinal Perforations Associated With a High Mortality and Frequent Complications During an Epidemic of Multidrug-resistant Typhoid Fever in Blantyre, Malawi. <i>Clinical Infectious Diseases</i> , 2020, 71, S96-S101.	2.9	7
23	Setting priorities for patient-centered surveillance of drug-resistant infections. <i>International Journal of Infectious Diseases</i> , 2020, 97, 60-65.	1.5	4
24	<i>Mycobacterium tuberculosis</i> bloodstream infection prevalence, diagnosis, and mortality risk in seriously ill adults with HIV: a systematic review and meta-analysis of individual patient data. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 742-752.	4.6	31
25	Sustained Reduction in Third-generation Cephalosporin Usage in Adult Inpatients Following Introduction of an Antimicrobial Stewardship Program in a Large, Urban Hospital in Malawi. <i>Clinical Infectious Diseases</i> , 2020, 71, e478-e486.	2.9	20
26	Cephalosporin resistance in Malawi. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 285-286.	4.6	5
27	Leapfrogging laboratories: the promise and pitfalls of high-tech solutions for antimicrobial resistance surveillance in low-income settings. <i>BMJ Global Health</i> , 2020, 5, e003622.	2.0	30
28	<i>Salmonella</i> identified in pigs in Kenya and Malawi reveals the potential for zoonotic transmission in emerging pork markets. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008796.	1.3	17
29	Estimating the burden of antimicrobial resistance in Malawi: protocol for a prospective observational study of the morbidity, mortality and economic cost of third-generation cephalosporin resistant bloodstream infection. <i>Wellcome Open Research</i> , 2020, 5, 29.	0.9	9
30	Estimating the burden of antimicrobial resistance in Malawi: protocol for a prospective observational study of the morbidity, mortality and economic cost of third-generation cephalosporin resistant bloodstream infection. <i>Wellcome Open Research</i> , 2020, 5, 29.	0.9	1
31	Identification of genes that contribute to fitness of African and Global clades of <i>Salmonella</i> Enteritidis during infection of macrophages. <i>Access Microbiology</i> , 2020, 2, .	0.2	0
32	Improving the estimation of the global burden of antimicrobial resistant infections. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e392-e398.	4.6	68
33	Ascertaining the burden of invasive <i>Salmonella</i> disease in hospitalised febrile children aged under four years in Blantyre, Malawi. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007539.	1.3	14
34	Parallel evolution leading to impaired biofilm formation in invasive <i>Salmonella</i> strains. <i>PLoS Genetics</i> , 2019, 15, e1008233.	1.5	34
35	Effect of Environment on the Evolutionary Trajectories and Growth Characteristics of Antibiotic-Resistant <i>Escherichia coli</i> Mutants. <i>Frontiers in Microbiology</i> , 2019, 10, 2001.	1.5	15
36	Typhoid Vi-conjugate vaccine for outbreak control in Zimbabwe. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 930.	4.6	20

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37	ChloS-HRM, a novel assay to identify chloramphenicol-susceptible <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in Malawi. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1212-1217.	1.3	16
38	Harnessing alternative sources of antimicrobial resistance data to support surveillance in low-resource settings. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 541-546.	1.3	18
39	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.	1.3	30
40	Domestic River Water Use and Risk of Typhoid Fever: Results From a Case-control Study in Blantyre, Malawi. <i>Clinical Infectious Diseases</i> , 2019, 70, 1278-1284.	2.9	18
41	Aetiology and outcomes of sepsis in adults in sub-Saharan Africa: a systematic review and meta-analysis. <i>Critical Care</i> , 2019, 23, 212.	2.5	46
42	Genomic analysis of <i>Klebsiella pneumoniae</i> isolates from Malawi reveals acquisition of multiple ESBL determinants across diverse lineages. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1223-1232.	1.3	36
43	Treatment responses to Azithromycin and Ciprofloxacin in uncomplicated <i>Salmonella</i> Typhi infection: A comparison of Clinical and Microbiological Data from a Controlled Human Infection Model. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007955.	1.3	21
44	Emerging Resistance to Empiric Antimicrobial Regimens for Pediatric Bloodstream Infections in Malawi (1998–2017). <i>Clinical Infectious Diseases</i> , 2019, 69, 61-68.	2.9	53
45	rPinecone: Define sub-lineages of a clonal expansion via a phylogenetic tree. <i>Microbial Genomics</i> , 2019, 5, .	1.0	10
46	Gut mucosal colonisation with extended-spectrum beta-lactamase producing Enterobacteriaceae in sub-Saharan Africa: a systematic review and meta-analysis. <i>Wellcome Open Research</i> , 2019, 4, 160.	0.9	15
47	Role of a single noncoding nucleotide in the evolution of an epidemic African clade of <i>Salmonella</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2614-E2623.	3.3	75
48	The epidemiology of febrile illness in sub-Saharan Africa: implications for diagnosis and management. <i>Clinical Microbiology and Infection</i> , 2018, 24, 808-814.	2.8	94
49	Speciation of common Gram-negative pathogens using a highly multiplexed high resolution melt curve assay. <i>Scientific Reports</i> , 2018, 8, 1114.	1.6	23
50	Functional analysis of <i>Salmonella</i> Typhi adaptation to survival in water. <i>Environmental Microbiology</i> , 2018, 20, 4079-4090.	1.8	17
51	Surveillance and Epidemiology of Drug Resistant Infections Consortium (SEDRIC): Supporting the transition from strategy to action. <i>Wellcome Open Research</i> , 2018, 3, 59.	0.9	5
52	Genomic landscape of extended-spectrum $\beta$ -lactamase resistance in <i>Escherichia coli</i> from an urban African setting. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1602-1609.	1.3	46
53	Typhoid vaccine development with a human challenge model. <i>Lancet, The</i> , 2017, 390, 2419-2421.	6.3	19
54	Trends in antimicrobial resistance in bloodstream infection isolates at a large urban hospital in Malawi (1998–2016): a surveillance study. <i>Lancet Infectious Diseases, The</i> , 2017, 17, 1042-1052.	4.6	220

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55	Characterization of the Prophage Repertoire of African Salmonella Typhimurium ST313 Reveals High Levels of Spontaneous Induction of Novel Phage BTP1. <i>Frontiers in Microbiology</i> , 2017, 8, 235.	1.5	73
56	Identifying volatile metabolite signatures for the diagnosis of bacterial respiratory tract infection using electronic nose technology: A pilot study. <i>PLoS ONE</i> , 2017, 12, e0188879.	1.1	36
57	Public health surveillance in the UK revolutionises our understanding of the invasive Salmonella Typhimurium epidemic in Africa. <i>Genome Medicine</i> , 2017, 9, 92.	3.6	71
58	Molecular Surveillance Identifies Multiple Transmissions of Typhoid in West Africa. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004781.	1.3	46
59	Distinct Salmonella Enteritidis lineages associated with enterocolitis in high-income settings and invasive disease in low-income settings. <i>Nature Genetics</i> , 2016, 48, 1211-1217.	9.4	191
60	The emergence and intercontinental spread of a multidrug-resistant clade of typhoid agent Salmonella enterica serovar Typhi. <i>Lancet</i> , The, 2016, 387, S10.	6.3	2
61	Modelling the Contributions of Malaria, HIV, Malnutrition and Rainfall to the Decline in Paediatric Invasive Non-typhoidal Salmonella Disease in Malawi. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003979.	1.3	48
62	Three Epidemics of Invasive Multidrug-Resistant Salmonella Bloodstream Infection in Blantyre, Malawi, 1998–2014. <i>Clinical Infectious Diseases</i> , 2015, 61, S363-S371.	2.9	72
63	Management of severe non-TB bacterial infection in HIV-infected adults. <i>Expert Review of Anti-Infective Therapy</i> , 2015, 13, 183-195.	2.0	3
64	Patterns of genome evolution that have accompanied host adaptation in Salmonella. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 863-868.	3.3	213
65	Rapid Emergence of Multidrug Resistant, H58-Lineage Salmonella Typhi in Blantyre, Malawi. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003748.	1.3	133
66	Phylogeographical analysis of the dominant multidrug-resistant H58 clade of Salmonella Typhi identifies inter- and intracontinental transmission events. <i>Nature Genetics</i> , 2015, 47, 632-639.	9.4	403
67	Antimicrobial resistance and management of invasive Salmonella disease. <i>Vaccine</i> , 2015, 33, C21-C29.	1.7	218
68	Global Burden of Invasive Nontyphoidal Salmonella Disease, 2010-1. <i>Emerging Infectious Diseases</i> , 2015, 21, 941-949.	2.0	379
69	Mathematical Modeling to Assess the Drivers of the Recent Emergence of Typhoid Fever in Blantyre, Malawi. <i>Clinical Infectious Diseases</i> , 2015, 61, S251-S258.	2.9	48
70	A Reduction in Adult Blood Stream Infection and Case Fatality at a Large African Hospital following Antiretroviral Therapy Roll-Out. <i>PLoS ONE</i> , 2014, 9, e92226.	1.1	30
71	A Prospective Study of Mortality from Cryptococcal Meningitis following Treatment Induction with 1200mg Oral Fluconazole in Blantyre, Malawi. <i>PLoS ONE</i> , 2014, 9, e110285.	1.1	56
72	Drug Resistance in Salmonella enterica ser. Typhimurium Bloodstream Infection, Malawi. <i>Emerging Infectious Diseases</i> , 2014, 20, 1957-1959.	2.0	56

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73	Bacterial Meningitis in Malawian Adults, Adolescents, and Children During the Era of Antiretroviral Scale-up and Haemophilus influenzae Type b Vaccination, 2000–2012. <i>Clinical Infectious Diseases</i> , 2014, 58, e137-e145.	2.9	58
74	<i>Salmonella Infections.</i> , 2014, , 337-348.e2.		1
75	Sequential Acquisition of T Cells and Antibodies to Nontyphoidal Salmonella in Malawian Children. <i>Journal of Infectious Diseases</i> , 2014, 210, 56-64.	1.9	51
76	Evaluation of Xpert MTB/RIF for Detection of Tuberculosis from Blood Samples of HIV-Infected Adults Confirms Mycobacterium tuberculosis Bacteremia as an Indicator of Poor Prognosis. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2311-2316.	1.8	50
77	Human Melioidosis, Malawi, 2011. <i>Emerging Infectious Diseases</i> , 2013, 19, 981-984.	2.0	28
78	A Prospective Longitudinal Study of the Clinical Outcomes from Cryptococcal Meningitis following Treatment Induction with 800 mg Oral Fluconazole in Blantyre, Malawi. <i>PLoS ONE</i> , 2013, 8, e67311.	1.1	62
79	Nontyphoid Salmonella Disease. , 2013, , 462-467.		0
80	High-Resolution Single Nucleotide Polymorphism Analysis Distinguishes Recrudescence and Reinfection in Recurrent Invasive Nontyphoidal Salmonella Typhimurium Disease. <i>Clinical Infectious Diseases</i> , 2012, 54, 955-963.	2.9	98
81	Invasive non-typhoidal salmonella disease: an emerging and neglected tropical disease in Africa. <i>Lancet, The</i> , 2012, 379, 2489-2499.	6.3	787
82	Review article: the aetiology, investigation and management of diarrhoea in the HIV-positive patient. <i>Alimentary Pharmacology and Therapeutics</i> , 2011, 34, 587-603.	1.9	69
83	Typhoid Fever and Invasive Nontyphoid Salmonellosis, Malawi and South Africa. <i>Emerging Infectious Diseases</i> , 2010, 16, 1448-1451.	2.0	85
84	Typhoid, paratyphoid and non-typhoid Salmonella infections. , 0, , 308-315.		0
85	Surveillance and Epidemiology of Drug Resistant Infections Consortium (SEDRIC): Supporting the transition from strategy to action. <i>Wellcome Open Research</i> , 0, 3, 59.	0.9	2
86	Gut mucosal colonisation with extended-spectrum beta-lactamase producing Enterobacteriaceae in sub-Saharan Africa: a systematic review and meta-analysis. <i>Wellcome Open Research</i> , 0, 4, 160.	0.9	16
87	Drivers of Resistance in Uganda and Malawi (DRUM): a protocol for the evaluation of One-Health drivers of Extended Spectrum Beta Lactamase (ESBL) resistance in Low-Middle Income Countries (LMICs). <i>Wellcome Open Research</i> , 0, 7, 55.	0.9	5
88	Incidence of invasive non-typhoidal Salmonella in Blantyre, Malawi between January 2011-December 2019. <i>Wellcome Open Research</i> , 0, 7, 143.	0.9	0
89	A qualitative study exploring health workers and patient caregivers's hand hygiene practices in a neonatal unit in Blantyre, Malawi, implications for controlling outbreaks of drug resistant infections. <i>Wellcome Open Research</i> , 0, 7, 146.	0.9	1
90	A Qualitative Study of Antibiotic Use Practices in Intensive Small-Scale Farming in Urban and Peri-Urban Blantyre, Malawi: Implications for Antimicrobial Resistance. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	12