

Samuel Kariuki

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

4,366
citations

147801

31
h-index

118850

62
g-index

122
all docs

122
docs citations

122
times ranked

4774
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial resistance in the globalized food chain: a One Health perspective applied to the poultry industry. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 465-486.	2.0	47
2	Complications and mortality of non-typhoidal salmonella invasive disease: a global systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 692-705.	9.1	73
3	Population genomics of <i>Escherichia coli</i> in livestock-keeping households across a rapidly developing urban landscape. <i>Nature Microbiology</i> , 2022, 7, 581-589.	13.3	30
4	Molecular Epidemiology of <i>Mycobacterium tuberculosis</i> Complex Strains in Urban and Slum Settings of Nairobi, Kenya. <i>Genes</i> , 2022, 13, 475.	2.4	2
5	Using big data and mobile health to manage diarrhoeal disease in children in low-income and middle-income countries: societal barriers and ethical implications. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e130-e142.	9.1	7
6	Imported SARS-CoV-2 Variants of Concern Drove Spread of Infections across Kenya during the Second Year of the Pandemic. <i>Covid</i> , 2022, 2, 586-598.	1.5	9
7	<i>Entamoeba</i> species infection in patients seeking treatment for diarrhea and abdominal discomfort in Mukuru informal settlement in Nairobi, Kenya. <i>Food and Waterborne Parasitology</i> , 2021, 23, e00122.	2.7	2
8	Prevalence and risk factors for exposure to <i>Toxoplasma gondii</i> in slaughterhouse workers in western Kenya. <i>BMC Infectious Diseases</i> , 2021, 21, 944.	2.9	8
9	Azithromycin for the prevention of rehospitalisation and death among Kenyan children being discharged from hospital: a double-blind, placebo-controlled, randomised controlled trial. <i>The Lancet Global Health</i> , 2021, 9, e1569-e1578.	6.3	20
10	Antimicrobial Resistance in endemic enteric infections in Kenya and the region, and efforts towards addressing the challenges. <i>Journal of Infectious Diseases</i> , 2021, , .	4.0	2
11	Multiple introductions of multidrug-resistant typhoid associated with acute infection and asymptomatic carriage, Kenya. <i>ELife</i> , 2021, 10, .	6.0	29
12	Evidence of exposure to <i>C. burnetii</i> among slaughterhouse workers in western Kenya. <i>One Health</i> , 2021, 13, 100305.	3.4	8
13	Combating Childhood Infections in LMICs: evaluating the contribution of Big Data Big data, biomarkers and proteomics: informing childhood diarrhoeal disease management in Low- and Middle-Income Countries. <i>EBioMedicine</i> , 2021, 73, 103668.	6.1	6
14	Detection and Characterization of <i>Salmonella enterica</i> Serotypes by Simple PCR Technologies. <i>Methods in Molecular Biology</i> , 2021, 2182, 161-177.	0.9	0
15	Research on Invasive Nontyphoidal Salmonella Disease and Developments Towards Better Understanding of Epidemiology, Management, and Control Strategies. <i>Clinical Infectious Diseases</i> , 2020, 71, S127-S129.	5.8	6
16	High relatedness of invasive multi-drug resistant non-typhoidal Salmonella genotypes among patients and asymptomatic carriers in endemic informal settlements in Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008440.	3.0	40
17	Whole Genome Sequencing Reveals Virulence Potentials of <i>Helicobacter pylori</i> Strain KE21 Isolated from a Kenyan Patient with Gastric Signet Ring Cell Carcinoma. <i>Toxins</i> , 2020, 12, 556.	3.4	10
18	Factors associated with occurrence of salmonellosis among children living in Mukuru slum, an urban informal settlement in Kenya. <i>BMC Infectious Diseases</i> , 2020, 20, 422.	2.9	16

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19	The Lancet Infectious Diseases Commission on antimicrobial resistance: 6 years later. <i>Lancet Infectious Diseases</i> , The, 2020, 20, e51-e60.	9.1	161
20	Plasmid profiling and incompatibility grouping of multidrug resistant <i>Salmonella enterica</i> serovar Typhi isolates in Nairobi, Kenya. <i>BMC Research Notes</i> , 2019, 12, 422.	1.4	13
21	Epidemiology of antimicrobial-resistant <i>Escherichia coli</i> carriage in sympatric humans and livestock in a rapidly urbanizing city. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 531-537.	2.5	36
22	Community-acquired Invasive Bacterial Disease in Urban Gambia, 2005–2015: A Hospital-based Surveillance. <i>Clinical Infectious Diseases</i> , 2019, 69, S105-S113.	5.8	16
23	One Health in Action: Operational Aspects of an Integrated Surveillance System for Zoonoses in Western Kenya. <i>Frontiers in Veterinary Science</i> , 2019, 6, 252.	2.2	34
24	Bacteriophages Isolated in China for the Control of <i>Pectobacterium carotovorum</i> Causing Potato Soft Rot in Kenya. <i>Virologica Sinica</i> , 2019, 34, 287-294.	3.0	39
25	Multidrug-resistant Nontyphoidal <i>Salmonella</i> Hotspots as Targets for Vaccine Use in Management of Infections in Endemic Settings. <i>Clinical Infectious Diseases</i> , 2019, 68, S10-S15.	5.8	25
26	Genomic insights into the 2016–2017 cholera epidemic in Yemen. <i>Nature</i> , 2019, 565, 230-233.	27.8	129
27	Clinical bacteriology in low-resource settings: today's solutions. <i>Lancet Infectious Diseases</i> , The, 2018, 18, e248-e258.	9.1	125
28	Implementing a quality management system using good clinical laboratory practice guidelines at KEMRI-CMR to support medical research. <i>Wellcome Open Research</i> , 2018, 3, 137.	1.8	2
29	Multi-drug resistant <i>Salmonella enterica</i> serovar Typhi isolates with reduced susceptibility to ciprofloxacin in Kenya. <i>BMC Microbiology</i> , 2018, 18, 187.	3.3	32
30	General contextual effects on neglected tropical disease risk in rural Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0007016.	3.0	8
31	Implementing a quality management system using good clinical laboratory practice guidelines at KEMRI-CMR to support medical research. <i>Wellcome Open Research</i> , 2018, 3, 137.	1.8	5
32	Antimicrobial resistance surveillance in Africa: Successes, gaps and a roadmap for the future. <i>African Journal of Laboratory Medicine</i> , 2018, 7, 924.	0.6	19
33	The impact of fecal sample processing on prevalence estimates for antibiotic-resistant <i>Escherichia coli</i> . <i>Journal of Microbiological Methods</i> , 2017, 136, 71-77.	1.6	6
34	An Outbreak of Diarrhea in Mandera, Kenya, Due to <i>Escherichia coli</i> Serogroup O-Nontypable Strain That Had a Coding Gene for Enteraggregative <i>E. coli</i> Heat-Stable Enterotoxin 1. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 457-464.	1.4	13
35	Risk factors for leptospirosis seropositivity in slaughterhouse workers in western Kenya. <i>Occupational and Environmental Medicine</i> , 2017, 74, 357-365.	2.8	51
36	Molecular epidemiology of <i>Klebsiella pneumoniae</i> invasive infections over a decade at Kilifi County Hospital in Kenya. <i>International Journal of Medical Microbiology</i> , 2017, 307, 422-429.	3.6	61

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37	Working conditions and public health risks in slaughterhouses in western Kenya. BMC Public Health, 2017, 17, 14.	2.9	61
38	An integrated study of human and animal infectious disease in the Lake Victoria crescent small-holder crop-livestock production system, Kenya. BMC Infectious Diseases, 2017, 17, 457.	2.9	73
39	Molecular characterization of group A rotaviruses in Mukuru slums Kenya: detection of novel strains circulating in children below 5 years of age. BMC Research Notes, 2017, 10, 290.	1.4	5
40	Modelling the risk of Taenia solium exposure from pork produced in western Kenya. PLoS Neglected Tropical Diseases, 2017, 11, e0005371.	3.0	36
41	Poor performance of the rapid test for human brucellosis in health facilities in Kenya. PLoS Neglected Tropical Diseases, 2017, 11, e0005508.	3.0	52
42	The sero-epidemiology of Rift Valley fever in people in the Lake Victoria Basin of western Kenya. PLoS Neglected Tropical Diseases, 2017, 11, e0005731.	3.0	41
43	Drug susceptibility profiles of pulmonary Mycobacterium tuberculosis isolates from patients in informal urban settlements in Nairobi, Kenya. BMC Infectious Diseases, 2016, 16, 583.	2.9	7
44	Molecular characterization of Staphylococcus aureus isolates from various healthcare institutions in Nairobi, Kenya: a cross sectional study. Annals of Clinical Microbiology and Antimicrobials, 2016, 15, 51.	3.8	31
45	Enteric pathogens and factors associated with acute bloody diarrhoea, Kenya. BMC Infectious Diseases, 2016, 16, 477.	2.9	24
46	Distinct Salmonella Enteritidis lineages associated with enterocolitis in high-income settings and invasive disease in low-income settings. Nature Genetics, 2016, 48, 1211-1217.	21.4	191
47	Animal production and antimicrobial resistance in the clinic. Lancet, The, 2016, 387, e1-e3.	13.7	67
48	A putative, novel coli surface antigen 8B (CS8B) of enterotoxigenic Escherichia coli. Pathogens and Disease, 2015, 73, ftv047.	2.0	2
49	Phylogeographical analysis of the dominant multidrug-resistant H58 clade of Salmonella Typhi identifies inter- and intracontinental transmission events. Nature Genetics, 2015, 47, 632-639.	21.4	403
50	Antimicrobial resistance and management of invasive Salmonella disease. Vaccine, 2015, 33, C21-C29.	3.8	218
51	Epidemiology and Genomics of Invasive Nontyphoidal Salmonella Infections in Kenya. Clinical Infectious Diseases, 2015, 61, S317-S324.	5.8	58
52	Ceftriaxone-Resistant Salmonella enterica Serotype Typhimurium Sequence Type 313 from Kenyan Patients Is Associated with the bla _{CTX-M-15} Gene on a Novel IncHI2 Plasmid. Antimicrobial Agents and Chemotherapy, 2015, 59, 3133-3139.	3.2	63
53	Invasive Salmonellosis in Kilifi, Kenya. Clinical Infectious Diseases, 2015, 61, S290-S301.	5.8	44
54	Genetic Diversity of Cryptosporidium in Children in an Urban Informal Settlement of Nairobi, Kenya. PLoS ONE, 2015, 10, e0142055.	2.5	30

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55	BSL-3 Laboratory User Training Program at NUITM-KEMRI. <i>Tropical Medicine and Health</i> , 2014, 42, 171-176.	2.8	7
56	A cross-sectional study on the microbiological quality and safety of raw chicken meats sold in Nairobi, Kenya. <i>BMC Research Notes</i> , 2014, 7, 627.	1.4	37
57	Antibacterial resistance in sub-Saharan Africa: an underestimated emergency. <i>Annals of the New York Academy of Sciences</i> , 2014, 1323, 43-55.	3.8	71
58	Virulence factors in environmental and clinical <i>Vibrio cholerae</i> from endemic areas in Kenya. <i>African Journal of Laboratory Medicine</i> , 2014, 3, 41.	0.6	3
59	Analysis for prevalence and physical linkages amongst integrons, ISEcp1, ISCR1, Tn21 and Tn7 encountered in <i>Escherichia coli</i> strains from hospitalized and non-hospitalized patients in Kenya during a 19-year period (1992–2011). <i>BMC Microbiology</i> , 2013, 13, 109.	3.3	43
60	A Study on the Geophylogeny of Clinical and Environmental <i>Vibrio cholerae</i> in Kenya. <i>PLoS ONE</i> , 2013, 8, e74829.	2.5	33
61	Carriage rate and serotypes of <i>Streptococcus pneumoniae</i> amongst children in Thika Hospital, Kenya. <i>African Journal of Laboratory Medicine</i> , 2013, 2, 45.	0.6	8
62	Intracontinental spread of human invasive <i>Salmonella</i> Typhimurium pathovariants in sub-Saharan Africa. <i>Nature Genetics</i> , 2012, 44, 1215-1221.	21.4	370
63	<i>Escherichia coli</i> strains from Kenyan patients carrying conjugatively transferable broad-spectrum β -lactamase, qnr, aac(6)-Ib-cr and 16S rRNA methyltransferase genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1639-1642.	3.0	15
64	Typhoid in Kenya Is Associated with a Dominant Multidrug-Resistant <i>Salmonella enterica</i> Serovar Typhi Haplotype That Is Also Widespread in Southeast Asia. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2171-2176.	3.9	133
65	Epidemic multiple drug resistant <i>Salmonella</i> Typhimurium causing invasive disease in sub-Saharan Africa have a distinct genotype. <i>Genome Research</i> , 2009, 19, 2279-2287.	5.5	504
66	Typhoid fever in sub-Saharan Africa: Challenges of diagnosis and management of infections. <i>Journal of Infection in Developing Countries</i> , 2008, 2, 443-7.	1.2	32
67	<i>Escherichia coli</i> from community-acquired urinary tract infections resistant to fluoroquinolones and extended-spectrum beta-lactams. <i>Journal of Infection in Developing Countries</i> , 2007, 1, 257-62.	1.2	29
68	Decreasing prevalence of antimicrobial resistance in non-typhoidal <i>Salmonella</i> isolated from children with bacteraemia in a rural district hospital, Kenya. <i>International Journal of Antimicrobial Agents</i> , 2006, 28, 166-171.	2.5	24
69	Characterisation of community acquired non-typhoidal <i>Salmonella</i> from bacteraemia and diarrhoeal infections in children admitted to hospital in Nairobi, Kenya. <i>BMC Microbiology</i> , 2006, 6, 101.	3.3	121
70	Invasive multidrug-resistant non-typhoidal <i>Salmonella</i> infections in Africa: zoonotic or anthroponotic transmission?. <i>Journal of Medical Microbiology</i> , 2006, 55, 585-591.	1.8	182
71	Increasing prevalence of multidrug-resistant non-typhoidal salmonellae, Kenya, 1994–2003. <i>International Journal of Antimicrobial Agents</i> , 2005, 25, 38-43.	2.5	57
72	Characterization of Multidrug-Resistant Typhoid Outbreaks in Kenya. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1477-1482.	3.9	87

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73	Typhoid is over-reported in Embu and Nairobi, Kenya. African Journal of Health Sciences, 2004, 11, 103-10.	0.1	7
74	Lack of clonal relationship between non-typhiSalmonellastrain types from humans and those isolated from animals living in close contact. FEMS Immunology and Medical Microbiology, 2002, 33, 165-171.	2.7	54
75	Multiresistant Shigella species from African AIDS Patients: Antibacterial Resistance Patterns and Application of the E-test for Determination of Minimum Inhibitory Concentration. Scandinavian Journal of Infectious Diseases, 1992, 24, 733-739.	1.5	12
76	Antimicrobial Resistance Rates and Surveillance in Sub-Saharan Africa: Where Are We Now?. Infection and Drug Resistance, 0, Volume 15, 3589-3609.	2.7	35