

Karen H Keddy

List of Publications by Year in descending order

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97
papers

5,688
citations

147801

31
h-index

85541

71
g-index

101
all docs

101
docs citations

101
times ranked

7087
citing authors

#	ARTICLE	IF	CITATIONS
1	World Health Organization Estimates of the Global and Regional Disease Burden of 22 Foodborne Bacterial, Protozoal, and Viral Diseases, 2010: A Data Synthesis. <i>PLoS Medicine</i> , 2015, 12, e1001921.	8.4	937
2	Global monitoring of antimicrobial resistance based on metagenomics analyses of urban sewage. <i>Nature Communications</i> , 2019, 10, 1124.	12.8	612
3	Phylogeographical analysis of the dominant multidrug-resistant H58 clade of <i>Salmonella</i> Typhi identifies inter- and intracontinental transmission events. <i>Nature Genetics</i> , 2015, 47, 632-639.	21.4	403
4	Global Burden of Invasive Nontyphoidal <i>Salmonella</i> Disease, 2010-11. <i>Emerging Infectious Diseases</i> , 2015, 21, 941-949.	4.3	379
5	Typhoid fever. <i>Lancet</i> , The, 2015, 385, 1136-1145.	13.7	265
6	Genomic history of the seventh pandemic of cholera in Africa. <i>Science</i> , 2017, 358, 785-789.	12.6	255
7	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
8	Intercontinental dissemination of azithromycin-resistant shigellosis through sexual transmission: a cross-sectional study. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 913-921.	9.1	204
9	Distinct <i>Salmonella</i> Enteritidis lineages associated with enterocolitis in high-income settings and invasive disease in low-income settings. <i>Nature Genetics</i> , 2016, 48, 1211-1217.	21.4	191
10	Infections with Nontyphoidal <i>Salmonella</i> Species Producing TEM-63 or a Novel TEM Enzyme, TEM-131, in South Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4263-4270.	3.2	107
11	Sensitivity and specificity of typhoid fever rapid antibody tests for laboratory diagnosis at two sub-Saharan African sites. <i>Bulletin of the World Health Organization</i> , 2011, 89, 640-647.	3.3	99
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	Species-wide whole genome sequencing reveals historical global spread and recent local persistence in <i>Shigella flexneri</i> . <i>ELife</i> , 2015, 4, e07335.	6.0	94
14	Typhoid Fever and Invasive Nontyphoid Salmonellosis, Malawi and South Africa. <i>Emerging Infectious Diseases</i> , 2010, 16, 1448-1451.	4.3	85
15	Characterization of Toxigenic <i>Vibrio cholerae</i> from Haiti, 2010-2011. <i>Emerging Infectious Diseases</i> , 2011, 17, 2122-9.	4.3	85
16	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
17	The Relationship Between Invasive Nontyphoidal <i>Salmonella</i> Disease, Other Bacterial Bloodstream Infections, and Malaria in Sub-Saharan Africa. <i>Clinical Infectious Diseases</i> , 2016, 62, S23-S31.	5.8	63
18	External quality assessment of national public health laboratories in Africa, 2002-2009. <i>Bulletin of the World Health Organization</i> , 2012, 90, 191-199.	3.3	58

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19	Salmonella Typhi in the Democratic Republic of the Congo: Fluoroquinolone Decreased Susceptibility on the Rise. PLoS Neglected Tropical Diseases, 2012, 6, e1921.	3.0	55
20	Molecular Surveillance Identifies Multiple Transmissions of Typhoid in West Africa. PLoS Neglected Tropical Diseases, 2016, 10, e0004781.	3.0	46
21	Fluoroquinolone-Resistant Typhoid, South Africa. Emerging Infectious Diseases, 2010, 16, 879-880.	4.3	46
22	Incidence of Nontyphoidal <i>Salmonella</i> in Food-Producing Animals, Animal Feed, and the Associated Environment in South Africa, 2012–2014. Clinical Infectious Diseases, 2015, 61, S283-S289.	5.8	42
23	Systemic Shigellosis in South Africa. Clinical Infectious Diseases, 2012, 54, 1448-1454.	5.8	41
24	Seabirds (Laridae) as a source of <i>Campylobacter</i> spp., <i>Salmonella</i> spp. and antimicrobial resistance in South Africa. Environmental Microbiology, 2017, 19, 4164-4176.	3.8	39
25	Investigation of Salmonella Enteritidis outbreaks in South Africa using multi-locus variable-number tandem-repeats analysis, 2013-2015. BMC Infectious Diseases, 2017, 17, 661.	2.9	39
26	Whole genome sequencing of Shigella sonnei through PulseNet Latin America and Caribbean: advancing global surveillance of foodborne illnesses. Clinical Microbiology and Infection, 2017, 23, 845-853.	6.0	37
27	Persistence of antibodies to the Salmonella typhi Vi capsular polysaccharide vaccine in South African school children ten years after immunization. Vaccine, 1999, 17, 110-113.	3.8	36
28	Quinolone-resistant <i>Salmonella</i> Typhi in South Africa, 2003–2007. Epidemiology and Infection, 2010, 138, 86-90.	2.1	34
29	Sapovirus prevalence in children less than five years of age hospitalised for diarrhoeal disease in South Africa, 2009–2013. Journal of Clinical Virology, 2016, 78, 82-88.	3.1	34
30	NOSOCOMIAL OUTBREAK OF EXTENDED-SPECTRUM β -LACTAMASE-PRODUCING SALMONELLA ISANGI IN PEDIATRIC WARDS. Pediatric Infectious Disease Journal, 2006, 25, 843-844.	2.0	33
31	Cholera outbreak in South Africa, 2008–2009: Laboratory analysis of Vibrio cholerae O1 strains. Journal of Infectious Diseases, 2013, 208, S39-S45.	4.0	33
32	Clinical and Microbiological Features of <i>Salmonella</i> Meningitis in a South African Population, 2003–2013. Clinical Infectious Diseases, 2015, 61, S272-S282.	5.8	32
33	Utilization of Healthcare in the Typhoid Fever Surveillance in Africa Program. Clinical Infectious Diseases, 2016, 62, S56-S68.	5.8	32
34	Diagnosis of Vibrio cholerae O1 Infection in Africa. Journal of Infectious Diseases, 2013, 208, S23-S31.	4.0	31
35	Using next generation sequencing to tackle non-typhoidal Salmonella infections. Journal of Infection in Developing Countries, 2013, 7, 001-005.	1.2	25
36	Virulence Characteristics and Antimicrobial Resistance Profiles of Shiga Toxin-Producing Escherichia coli Isolates from Humans in South Africa: 2006–2013. Toxins, 2019, 11, 424.	3.4	24

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37	Nosocomial Outbreak of <i>Salmonella enterica</i> Serovar Typhimurium Primarily Affecting a Pediatric Ward in South Africa in 2012. <i>Journal of Clinical Microbiology</i> , 2014, 52, 627-631.	3.9	23
38	Laboratory-acquired infections of <i>Salmonella enterica</i> serotype Typhi in South Africa: phenotypic and genotypic analysis of isolates. <i>BMC Infectious Diseases</i> , 2017, 17, 656.	2.9	23
39	Genotypic and demographic characterization of invasive isolates of <i>Salmonella</i> Typhimurium in HIV co-infected patients in South Africa. <i>Journal of Infection in Developing Countries</i> , 2009, 3, 585-592.	1.2	22
40	Clinical and microbiological features of invasive nontyphoidal <i>Salmonella</i> associated with HIV-infected patients, Gauteng Province, South Africa. <i>Medicine (United States)</i> , 2017, 96, e6448.	1.0	21
41	Bloodstream Infections and Frequency of Pretreatment Associated With Age and Hospitalization Status in Sub-Saharan Africa. <i>Clinical Infectious Diseases</i> , 2015, 61, S372-S379.	5.8	19
42	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
43	Genetic Characterization of Multidrug-Resistant, Extended-Spectrum- β -Lactamase-Producing <i>Vibrio cholerae</i> O1 Outbreak Strains, Mpumalanga, South Africa, 2008. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2976-2979.	3.9	18
44	Evidence for a clonally different origin of the two cholera epidemics of 2001-2002 and 1980-1987 in South Africa. <i>Journal of Medical Microbiology</i> , 2007, 56, 1644-1650.	1.8	17
45	Molecular epidemiological investigation of a typhoid fever outbreak in South Africa, 2005: the relationship to a previous epidemic in 1993. <i>Epidemiology and Infection</i> , 2011, 139, 1239-1245.	2.1	17
46	An association between decreasing incidence of invasive non-typhoidal salmonellosis and increased use of antiretroviral therapy, Gauteng Province, South Africa, 2003-2013. <i>PLoS ONE</i> , 2017, 12, e0173091.	2.5	17
47	International collaboration tracks typhoid fever cases over two continents from South Africa to Australia. <i>Journal of Medical Microbiology</i> , 2011, 60, 1405-1407.	1.8	16
48	<i>Escherichia coli</i> O104 Associated with Human Diarrhea, South Africa, 2004-2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1314-7.	4.3	16
49	Similarities between <i>Salmonella</i> Enteritidis isolated from humans and captive wild animals in South Africa. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 1615-1619.	1.2	16
50	Proteomic comparison of three clinical diarrhoeagenic drug-resistant <i>Escherichia coli</i> isolates grown on CHROMagar [®] , ϕ STEC media. <i>Journal of Proteomics</i> , 2018, 180, 25-35.	2.4	16
51	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
52	Shiga Toxin-Producing <i>Escherichia coli</i> Contamination of Raw Beef and Beef-Based Ready-to-Eat Products at Retail Outlets in Pretoria, South Africa. <i>Journal of Food Protection</i> , 2020, 83, 476-484.	1.7	16
53	Characterization of cholera outbreak isolates from Namibia, December 2006 to February 2007. <i>Epidemiology and Infection</i> , 2008, 136, 1207-1209.	2.1	15
54	Characterisation of STEC and other diarrheic <i>E. coli</i> isolated on CHROMagar [®] , ϕ STEC at a tertiary referral hospital, Cape Town. <i>BMC Microbiology</i> , 2018, 18, 55.	3.3	15

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55	Prevalence and antibiotic susceptibility patterns of enteric bacterial pathogens in human and non-human sources in an urban informal settlement in Cape Town, South Africa. <i>BMC Microbiology</i> , 2019, 19, 244.	3.3	15
56	Surveillance for enterohaemorrhagic <i>Escherichia coli</i> associated with human diarrhoea in South Africa, 2006–2009. <i>Journal of Medical Microbiology</i> , 2011, 60, 681-683.	1.8	14
57	Typhoid Fever in South Africa in an Endemic HIV Setting. <i>PLoS ONE</i> , 2016, 11, e0164939.	2.5	14
58	Plasmid-mediated quinolone resistance in <i>Salmonella</i> from South Africa. <i>Journal of Medical Microbiology</i> , 2009, 58, 1393-1394.	1.8	13
59	Molecular characterization of extended-spectrum β -lactamase-producing <i>Shigella</i> isolates from humans in South Africa, 2003–2009. <i>Journal of Medical Microbiology</i> , 2012, 61, 162-164.	1.8	12
60	The Burden of Typhoid Fever in South Africa: The Potential Impact of Selected Interventions. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 55-63.	1.4	12
61	Comparative Characterization of <i>Vibrio cholerae</i> O1 from Five Sub-Saharan African Countries Using Various Phenotypic and Genotypic Techniques. <i>PLoS ONE</i> , 2015, 10, e0142989.	2.5	11
62	Determining the Best Immunization Strategy for Protecting African Children Against Invasive <i>Salmonella</i> Disease. <i>Clinical Infectious Diseases</i> , 2018, 67, 1824-1830.	5.8	11
63	Norovirus epidemiology in South African children <5 years hospitalised for diarrhoeal illness between 2009 and 2013. <i>Epidemiology and Infection</i> , 2017, 145, 1942-1952.	2.1	10
64	Genome Sequence for Shiga Toxin-Producing <i>Escherichia coli</i> O26:H11, Associated with a Cluster of Hemolytic-Uremic Syndrome Cases in South Africa, 2017. <i>Genome Announcements</i> , 2017, 5, .	0.8	10
65	GEMS extend understanding of childhood diarrhoea. <i>Lancet</i> , The, 2016, 388, 1252-1254.	13.7	9
66	Old and new challenges related to global burden of diarrhoea. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 1163-1164.	9.1	9
67	Healthcare utilisation patterns for respiratory and gastrointestinal syndromes and meningitis in Msunduzi municipality, Pietermaritzburg, KwaZulu-Natal Province, South Africa, 2013. <i>South African Medical Journal</i> , 2019, 109, 333.	0.6	9
68	Retrospective record review of pregnant women treated for rifampicin-resistant tuberculosis in South Africa. <i>PLoS ONE</i> , 2020, 15, e0239018.	2.5	9
69	Development and evaluation of a multiple-locus variable-number tandem-repeats analysis assay for subtyping <i>Salmonella</i> Typhi strains from sub-Saharan Africa. <i>Journal of Medical Microbiology</i> , 2017, 66, 937-945.	1.8	9
70	Case of imported <i>Vibrio cholerae</i> O1 from India to South Africa. <i>Journal of Infection in Developing Countries</i> , 2012, 6, 897-900.	1.2	8
71	Treatment Outcomes and Adverse Drug Effects of Ethambutol, Cycloserine, and Terizidone for the Treatment of Multidrug-Resistant Tuberculosis in South Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	7
72	The Tuberculosis-Depression Syndemic and Evolution of Pharmaceutical Therapeutics: From Ancient Times to the Future. <i>Frontiers in Psychiatry</i> , 2021, 12, 617751.	2.6	7

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73	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
74	Genome Sequences for a Cluster of Human Isolates of <i>Listeria monocytogenes</i> Identified in South Africa in 2015. <i>Genome Announcements</i> , 2016, 4, .	0.8	6
75	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
76	Prevalence, risk factors and molecular characteristics of Shiga toxin-producing <i>Escherichia coli</i> in beef abattoirs in Gauteng, South Africa. <i>Food Control</i> , 2021, 123, 107746.	5.5	5
77	Analysis of a temporal cluster of <i>Shigella boydii</i> isolates in Mpumalanga, South Africa, November to December 2007. <i>Journal of Infection in Developing Countries</i> , 2009, 3, 65-70.	1.2	5
78	Detection of <i>Campylobacter</i> species in stool specimens from patients with symptoms of acute flaccid paralysis in South Africa. <i>Journal of Infection in Developing Countries</i> , 2018, 12, 542-549.	1.2	5
79	Possible Laboratory Contamination Leads to Incorrect Reporting of <i>Vibrio cholerae</i> O1 and Initiates an Outbreak Response. <i>Journal of Clinical Microbiology</i> , 2012, 50, 480-482.	3.9	4
80	Human infections due to <i>Salmonella</i> Blockley, a rare serotype in South Africa: a case report. <i>BMC Research Notes</i> , 2012, 5, 562.	1.4	4
81	Efficacy of Vi polysaccharide vaccine against strains of <i>Salmonella typhi</i> : reply. <i>Vaccine</i> , 1998, 16, 871-872.	3.8	3
82	Analysis of <i>Vibrio cholerae</i> isolates from the Northern Cape province of South Africa. <i>Journal of Medical Microbiology</i> , 2009, 58, 151-154.	1.8	3
83	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. <i>Clinical Infectious Diseases</i> , 2019, 69, S474-S482.	5.8	3
84	Developing health policies in patients presenting with SARS-CoV-2: consider tuberculosis. <i>The Lancet Global Health</i> , 2020, 8, e1357-e1358.	6.3	3
85	Microbiological characterization of <i>Salmonella enterica</i> serotype Paratyphi, South Africa, 2003-2014. <i>Journal of Medical Microbiology</i> , 2015, 64, 1450-1453.	1.8	3
86	Development of a real-time PCR assay and comparison to CHROMagar™ STEC to screen for Shiga toxin-producing <i>Escherichia coli</i> in stool, Cape Town, South Africa. <i>African Journal of Laboratory Medicine</i> , 2017, 6, 609.	0.6	3
87	21st-century typhoid fever- progression of knowledge but regression of control?. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 1296-1298.	9.1	2
88	Prevalence and patterns of fecal shedding of Shiga toxin-producing <i>Escherichia coli</i> by cattle at a commercial feedlot in South Africa. <i>Journal of Food Safety</i> , 2022, 42, .	2.3	1
89	Genetic characterization of <i>Salmonella</i> Infantis from South Africa, 2004-2016. <i>Access Microbiology</i> , 2022, 4, .	0.5	1
90	Bacterial Gastroenteritis. , 2019, , 151-166.		0

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91	Early childhood diarrhoea: from data to interventions. Lancet Infectious Diseases, The, 2020, 20, 2-3.	9.1	0
92	The light of hope: focusing on shigella and ETEC infections. The Lancet Global Health, 2020, 8, e14-e15.	6.3	0
93	Title is missing!., 2020, 15, e0239018.		0
94	Title is missing!., 2020, 15, e0239018.		0
95	Title is missing!., 2020, 15, e0239018.		0
96	Title is missing!., 2020, 15, e0239018.		0
97	CHARACTERIZATION AND EPIDEMIOLOGICAL SUBTYPING OF SHIGA TOXIN-PRODUCING ESCHERICHIA COLI ISOLATED FROM THE BEEF PRODUCTION CHAIN IN GAUTENG, SOUTH AFRICA. Preventive Veterinary Medicine, 2022, , 105681.	1.9	0