Karen H Keddy

List of Publications by Year
in descending order

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	Using big data and mobile health to manage diarrhoeal disease in children in low-income and middle-income countries: societal barriers and ethical implications. Lancet Infectious Diseases, The, 2022, 22, e130-e142.	9.1	7
2	Prevalence and patterns of fecal shedding of Shiga toxinâ€“producing <scp> Escherichia coli </scp> by cattle at a commercial feedlot in South Africa. Journal of Food Safety, 2022, 42, .	2.3	1
3	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
4	Genetic characterization of Salmonella Infantis from South Africa, 2004â€“2016. Access Microbiology, 2022, 4, .	0.5	1
5	Prevalence, risk factors and molecular characteristics of Shiga toxin-producing Escherichia coli in beef abattoirs in Gauteng, South Africa. Food Control, 2021, 123, 107746.	5.5	5
6	The Tuberculosis-Depression Syndemic and Evolution of Pharmaceutical Therapeutics: From Ancient Times to the Future. Frontiers in Psychiatry, 2021, 12, 617751.	2.6	7
7	The genomic epidemiology of multi-drug resistant invasive non-typhoidal Salmonella in selected sub-Saharan African countries. BMJ Global Health, 2021, 6, e005659.	4.7	16
8	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. EBioMedicine, 2021, 73, 103668.	6.1	6
9	Early childhood diarrhoea: from data to interventions. Lancet Infectious Diseases, The, 2020, 20, 2-3.	9.1	0
10	The light of hope: focusing on shigella and ETEC infections. The Lancet Global Health, 2020, 8, e14-e15.	6.3	0
11	Developing health policies in patients presenting with SARS-CoV-2: consider tuberculosis. The Lancet Global Health, 2020, 8, e1357-e1358.	6.3	3
12	Treatment Outcomes and Adverse Drug Effects of Ethambutol, Cycloserine, and Terizidone for the Treatment of Multidrug-Resistant Tuberculosis in South Africa. Antimicrobial Agents and Chemotherapy, 2020, 65, .	3.2	7
13	Retrospective record review of pregnant women treated for rifampicin-resistant tuberculosis in South Africa. PLoS ONE, 2020, 15, e0239018.	2.5	9
14	Shiga Toxinâ€“Producing Escherichia coli Contamination of Raw Beef and Beef-Based Ready-to-Eat Products at Retail Outlets in Pretoria, South Africa. Journal of Food Protection, 2020, 83, 476-484.	1.7	16
15	Title is missing!. , 2020, 15, e0239018.		0
16	Title is missing!. , 2020, 15, e0239018.		0
17	Title is missing!. , 2020, 15, e0239018.		0
18	Title is missing!. , 2020, 15, e0239018.		0

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19	Virulence Characteristics and Antimicrobial Resistance Profiles of Shiga Toxin-Producing Escherichia coli Isolates from Humans in South Africa: 2006â€“2013. Toxins, 2019, 11, 424.	3.4	24
20	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. BMC Microbiology, 2019, 19, 244.	3.3	15
21	Healthcare utilisation patterns for respiratory and gastrointestinal syndromes and meningitis in Msunduzi municipality, Pietermaritzburg, KwaZulu-Natal Province, South Africa, 2013. South African Medical Journal, 2019, 109, 333.	0.6	9
22	Global monitoring of antimicrobial resistance based on metagenomics analyses of urban sewage. Nature Communications, 2019, 10, 1124.	12.8	612
23	Bacterial Gastroenteritis. , 2019, , 151-166.		0
24	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.	5.8	3
25	Proteomic comparison of three clinical diarrhoeagenic drug-resistant Escherichia coli isolates grown on CHROMagarâ„¢STEC media. Journal of Proteomics, 2018, 180, 25-35.	2.4	16
26	21st-century typhoid feverâ€”progression of knowledge but regression of control?. Lancet Infectious Diseases, The, 2018, 18, 1296-1298.	9.1	2
27	The phylogeography and incidence of multi-drug resistant typhoid fever in sub-Saharan Africa. Nature Communications, 2018, 9, 5094.	12.8	98
28	Old and new challenges related to global burden of diarrhoea. Lancet Infectious Diseases, The, 2018, 18, 1163-1164.	9.1	9
29	Characterisation of STEC and other diarrheic E. coli isolated on CHROMagarâ„¢STEC at a tertiary referral hospital, Cape Town. BMC Microbiology, 2018, 18, 55.	3.3	15
30	Determining the Best Immunization Strategy for Protecting African Children Against Invasive Salmonella Disease. Clinical Infectious Diseases, 2018, 67, 1824-1830.	5.8	11
31	Detection of Campylobacter species in stool specimens from patients with symptoms of acute flaccid paralysis in South Africa. Journal of Infection in Developing Countries, 2018, 12, 542-549.	1.2	5
32	Antimicrobial resistance surveillance in Africa: Successes, gaps and a roadmap for the future. African Journal of Laboratory Medicine, 2018, 7, 924.	0.6	19
33	The Burden of Typhoid Fever in South Africa: The Potential Impact of Selected Interventions. American Journal of Tropical Medicine and Hygiene, 2018, 99, 55-63.	1.4	12
34	Incidence of invasive salmonella disease in sub-Saharan Africa: a multicentre population-based surveillance study. The Lancet Global Health, 2017, 5, e310-e323.	6.3	223
35	Norovirus epidemiology in South African children <5 years hospitalised for diarrhoeal illness between 2009 and 2013. Epidemiology and Infection, 2017, 145, 1942-1952.	2.1	10
36	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

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37	Genome Sequence for Shiga Toxin-Producing Escherichia coli O26:H11, Associated with a Cluster of Hemolytic-Uremic Syndrome Cases in South Africa, 2017. Genome Announcements, 2017, 5, .	0.8	10
38	Seabirds (Laridae) as a source of Campylobacter spp., Salmonella spp. and antimicrobial resistance in South Africa. Environmental Microbiology, 2017, 19, 4164-4176.	3.8	39
39	Clinical and microbiological features of invasive nontyphoidal Salmonella associated with HIV-infected patients, Gauteng Province, South Africa. Medicine (United States), 2017, 96, e6448.	1.0	21
40	Genomic history of the seventh pandemic of cholera in Africa. Science, 2017, 358, 785-789.	12.6	255
41	An association between decreasing incidence of invasive non-typhoidal salmonellosis and increased use of antiretroviral therapy, Gauteng Province, South Africa, 2003â€“2013. PLoS ONE, 2017, 12, e0173091.	2.5	17
42	Laboratory-acquired infections of Salmonella enterica serotype Typhi in South Africa: phenotypic and genotypic analysis of isolates. BMC Infectious Diseases, 2017, 17, 656.	2.9	23
43	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
44	Development and evaluation of a multiple-locus variable-number tandem-repeats analysis assay for subtyping Salmonella Typhi strains from sub-Saharan Africa. Journal of Medical Microbiology, 2017, 66, 937-945.	1.8	9
45	Development of a real-time PCR assay and comparison to CHROMagarTM STEC to screen for Shiga toxin-producing Escherichia coli in stool, Cape Town, South Africa. African Journal of Laboratory Medicine, 2017, 6, 609.	0.6	3
46	Molecular Surveillance Identifies Multiple Transmissions of Typhoid in West Africa. PLoS Neglected Tropical Diseases, 2016, 10, e0004781.	3.0	46
47	Typhoid Fever in South Africa in an Endemic HIV Setting. PLoS ONE, 2016, 11, e0164939.	2.5	14
48	Genome Sequences for a Cluster of Human Isolates of Listeria monocytogenes Identified in South Africa in 2015. Genome Announcements, 2016, 4, .	0.8	6
49	Sapovirus prevalence in children less than five years of age hospitalised for diarrhoeal disease in South Africa, 2009â€“2013. Journal of Clinical Virology, 2016, 78, 82-88.	3.1	34
50	GEMS extend understanding of childhood diarrhoea. Lancet, The, 2016, 388, 1252-1254.	13.7	9
51	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
52	The Relationship Between Invasive NontyphoidalSalmonellaDisease, Other Bacterial Bloodstream Infections, and Malaria in Sub-Saharan Africa. Clinical Infectious Diseases, 2016, 62, S23-S31.	5.8	63
53	The Typhoid Fever Surveillance in Africa Program (TSAP): Clinical, Diagnostic, and Epidemiological Methodologies. Clinical Infectious Diseases, 2016, 62, S9-S16.	5.8	65
54	Utilization of Healthcare in the Typhoid Fever Surveillance in Africa Program. Clinical Infectious Diseases, 2016, 62, S56-S68.	5.8	32

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55	World Health Organization Estimates of the Global and Regional Disease Burden of 22 Foodborne Bacterial, Protozoal, and Viral Diseases, 2010: A Data Synthesis. PLoS Medicine, 2015, 12, e1001921.	8.4	937
56	Comparative Characterization of Vibrio cholerae O1 from Five Sub-Saharan African Countries Using Various Phenotypic and Genotypic Techniques. PLoS ONE, 2015, 10, e0142989.	2.5	11
57	Species-wide whole genome sequencing reveals historical global spread and recent local persistence in Shigella flexneri. ELife, 2015, 4, e07335.	6.0	94
58	Bloodstream Infections and Frequency of Pretreatment Associated With Age and Hospitalization Status in Sub-Saharan Africa. Clinical Infectious Diseases, 2015, 61, S372-S379.	5.8	19
59	Intercontinental dissemination of azithromycin-resistant shigellosis through sexual transmission: a cross-sectional study. Lancet Infectious Diseases, The, 2015, 15, 913-921.	9.1	204
60	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
61	Global Burden of Invasive NontyphoidalSalmonellaDisease, 20101. Emerging Infectious Diseases, 2015, 21, 941-949.	4.3	379
62	Incidence of NontyphoidalSalmonellain Food-Producing Animals, Animal Feed, and the Associated Environment in South Africa, 2012â€“2014. Clinical Infectious Diseases, 2015, 61, S283-S289.	5.8	42
63	Clinical and Microbiological Features ofSalmonellaMeningitis in a South African Population, 2003â€“2013. Clinical Infectious Diseases, 2015, 61, S272-S282.	5.8	32
64	Typhoid fever. Lancet, The, 2015, 385, 1136-1145.	13.7	265
65	Microbiological characterization of Salmonella enterica serotype Paratyphi, South Africa, 2003â€“2014. Journal of Medical Microbiology, 2015, 64, 1450-1453.	1.8	3
66	Similarities between Salmonella Enteritidis isolated from humans and captive wild animals in South Africa. Journal of Infection in Developing Countries, 2014, 8, 1615-1619.	1.2	16
67	Nosocomial Outbreak of Salmonella enterica Serovar Typhimurium Primarily Affecting a Pediatric Ward in South Africa in 2012. Journal of Clinical Microbiology, 2014, 52, 627-631.	3.9	23
68	Diagnosis of Vibrio cholerae O1 Infection in Africa. Journal of Infectious Diseases, 2013, 208, S23-S31.	4.0	31
69	Cholera outbreak in South Africa, 2008â€“2009: Laboratory analysis of Vibrio cholerae O1 strains. Journal of Infectious Diseases, 2013, 208, S39-S45.	4.0	33
70	Using next generation sequencing to tackle non-typhoidal Salmonella infections. Journal of Infection in Developing Countries, 2013, 7, 001-005.	1.2	25
71	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
72	External quality assessment of national public health laboratories in Africa, 2002â€“2009. Bulletin of the World Health Organization, 2012, 90, 191-199.	3.3	58

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73	Possible Laboratory Contamination Leads to Incorrect Reporting of Vibrio cholerae O1 and Initiates an Outbreak Response. Journal of Clinical Microbiology, 2012, 50, 480-482.	3.9	4
74	Molecular characterization of extended-spectrum Î²-lactamase-producing Shigella isolates from humans in South Africa, 2003â€“2009. Journal of Medical Microbiology, 2012, 61, 162-164.	1.8	12
75	Systemic Shigellosis in South Africa. Clinical Infectious Diseases, 2012, 54, 1448-1454.	5.8	41
76	Human infections due to Salmonella Blockley, a rare serotype in South Africa: a case report. BMC Research Notes, 2012, 5, 562.	1.4	4
77	EscherichiacoliO104 Associated with Human Diarrhea, South Africa, 2004â€“2011. Emerging Infectious Diseases, 2012, 18, 1314-7.	4.3	16
78	Case of imported Vibrio cholerae O1 from India to South Africa. Journal of Infection in Developing Countries, 2012, 6, 897-900.	1.2	8
79	Molecular epidemiological investigation of a typhoid fever outbreak in South Africa, 2005: the relationship to a previous epidemic in 1993. Epidemiology and Infection, 2011, 139, 1239-1245.	2.1	17
80	Genetic Characterization of Multidrug-Resistant, Extended-Spectrum- Î²-Lactamase-Producing Vibrio cholerae O1 Outbreak Strains, Mpumalanga, South Africa, 2008. Journal of Clinical Microbiology, 2011, 49, 2976-2979.	3.9	18
81	Surveillance for enterohaemorrhagic Escherichia coli associated with human diarrhoea in South Africa, 2006â€“2009. Journal of Medical Microbiology, 2011, 60, 681-683.	1.8	14
82	International collaboration tracks typhoid fever cases over two continents from South Africa to Australia. Journal of Medical Microbiology, 2011, 60, 1405-1407.	1.8	16
83	Sensitivity and specificity of typhoid fever rapid antibody tests for laboratory diagnosis at two sub-Saharan African sites. Bulletin of the World Health Organization, 2011, 89, 640-647.	3.3	99
84	Characterization of Toxigenic Vibrio cholerae from Haiti, 2010â€“2011. Emerging Infectious Diseases, 2011, 17, 2122-9.	4.3	85
85	Quinolone-resistant Salmonella Typhi in South Africa, 2003â€“2007. Epidemiology and Infection, 2010, 138, 86-90.	2.1	34
86	Typhoid Fever and Invasive Nontyphoid Salmonellosis, Malawi and South Africa. Emerging Infectious Diseases, 2010, 16, 1448-1451.	4.3	85
87	Fluoroquinolone-Resistant Typhoid, South Africa. Emerging Infectious Diseases, 2010, 16, 879-880.	4.3	46
88	Plasmid-mediated quinolone resistance in Salmonella from South Africa. Journal of Medical Microbiology, 2009, 58, 1393-1394.	1.8	13
89	Analysis of Vibrio cholerae isolates from the Northern Cape province of South Africa. Journal of Medical Microbiology, 2009, 58, 151-154.	1.8	3
90	Analysis of a temporal cluster of Shigella boydii isolates in Mpumalanga, South Africa, November to December 2007. Journal of Infection in Developing Countries, 2009, 3, 65-70.	1.2	5

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91	Genotypic and demographic characterization of invasive isolates of Salmonella Typhimurium in HIV co-infected patients in South Africa. Journal of Infection in Developing Countries, 2009, 3, 585-592.	1.2	22
92	Characterization of cholera outbreak isolates from Namibia, December 2006 to February 2007. Epidemiology and Infection, 2008, 136, 1207-1209.	2.1	15
93	Evidence for a clonally different origin of the two cholera epidemics of 2001â€“2002 and 1980â€“1987 in South Africa. Journal of Medical Microbiology, 2007, 56, 1644-1650.	1.8	17
94	NOSOCOMIAL OUTBREAK OF EXTENDED-SPECTRUM Î²-LACTAMASE-PRODUCING SALMONELLA ISANGI IN PEDIATRIC WARDS. Pediatric Infectious Disease Journal, 2006, 25, 843-844.	2.0	33
95	Infections with Nontyphoidal Salmonella Species Producing TEM-63 or a Novel TEM Enzyme, TEM-131, in South Africa. Antimicrobial Agents and Chemotherapy, 2004, 48, 4263-4270.	3.2	107
96	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
97	Efficacy of Vi polysaccharide vaccine against strains of Salmonella typhi: reply. Vaccine, 1998, 16, 871-872.	3.8	3