Iruka N Okeke

List of Publications by Year
in descending order

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Version: 2024-02-01

127	5,644	117571	88593
papers	citations	34 h-index	70 g-index

136	136	136	6167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-prescription antimicrobial use worldwide: a systematic review. Lancet Infectious Diseases, The, 2011, 11, 692-701.	4.6	676
2	Antimicrobial resistance in developing countries. Part I: recent trends and current status. Lancet Infectious Diseases, The, 2005, 5, 481-493.	4.6	624
3	Socioeconomic and Behavioral Factors Leading to Acquired Bacterial Resistance to Antibiotics in Developing Countries. Emerging Infectious Diseases, 1999, 5, 18-27.	2.0	473
4	Antimicrobial resistance in developing countries. Part II: strategies for containment. Lancet Infectious Diseases, The, 2005, 5, 568-580.	4.6	221
5	Growing Problem of Multidrug-Resistant Enteric Pathogens in Africa. Emerging Infectious Diseases, 2007, 13, 1640-1646.	2.0	157
6	Enteroaggregative Escherichia coli. Lancet Infectious Diseases, The, 2001, 1, 304-313.	4.6	155
7	espC Pathogenicity Island of Enteropathogenic Escherichia coli Encodes an Enterotoxin. Infection and Immunity, 2001, 69, 315-324.	1.0	129
8	Characterization of Escherichia coli Strains from Cases of Childhood Diarrhea in Provincial Southwestern Nigeria. Journal of Clinical Microbiology, 2000, 38, 7-12.	1.8	127
9	Diarrheagenic Escherichia coli in sub-Saharan Africa: Status, Uncertainties and Necessities. Journal of Infection in Developing Countries, 2010, 3, 817-842.	0.5	104
10	Diagnostics as essential tools for containing antibacterial resistance. Drug Resistance Updates, 2011, 14, 95-106.	6.5	99
11	Antibiotic resistance of faecal Escherichia coli from healthy volunteers from eight developing countries. Journal of Antimicrobial Chemotherapy, 2004, 54, 952-955.	1.3	94
12	The incidence and prevalence of hospital-acquired (carbapenem-resistant) Acinetobacter baumannii in Europe, Eastern Mediterranean and Africa: a systematic review and meta-analysis. Emerging Microbes and Infections, 2019, 8, 1747-1759.	3.0	94
13	Cholera Outbreaks in Nigeria Are Associated with Multidrug Resistant Atypical El Tor and Non-O1/Non-O139 Vibrio cholerae. PLoS Neglected Tropical Diseases, 2013, 7, e2049.	1.3	91
14	The Lancet Nigeria Commission: investing in health and the future of the nation. Lancet, The, 2022, 399, 1155-1200.	6.3	87
15	Who is telling the story? A systematic review of authorship for infectious disease research conducted in Africa, 1980â€“2016. BMJ Global Health, 2019, 4, e001855.	2.0	83
16	A bottom-up view of antimicrobial resistance transmission in developing countries. Nature Microbiology, 2022, 7, 757-765.	5.9	83
17	Dissemination of Antibioticâ€Resistant Bacteria across Geographic Borders. Clinical Infectious Diseases, 2001, 33, 364-369.	2.9	82
18	Antibiotic Resistance in Escherichia coli from Nigerian Students, 1986-1998. Emerging Infectious Diseases, 2000, 6, 393-396.	2.0	80

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19	Multi-Locus Sequence Typing of Enteroaggregative Escherichia coli Isolates from Nigerian Children Uncovers Multiple Lineages. PLoS ONE, 2010, 5, e14093.	1.1	79
20	The Escherichia coli Common Pilus and the Bundle-Forming Pilus Act in Concert during the Formation of Localized Adherence by Enteropathogenic E. coli. Journal of Bacteriology, 2009, 191, 3451-3461.	1.0	78
21	Improving the estimation of the global burden of antimicrobial resistant infections. Lancet Infectious Diseases, The, 2019, 19, e392-e398.	4.6	68
22	Etiology of Acute Diarrhea in Adults in Southwestern Nigeria. Journal of Clinical Microbiology, 2003, 41, 4525-4530.	1.8	65
23	Quinolone resistance in Escherichia coli from Accra, Ghana. BMC Microbiology, 2011, 11, 44.	1.3	65
24	Molecular Epidemiology of the Iron Utilization Genes of Enteroaggregative Escherichia coli. Journal of Clinical Microbiology, 2004, 42, 36-44.	1.8	53
25	Enteroaggregative E. coli O104 from an outbreak of HUS in Germany 2011, could it happen again?. Journal of Infection in Developing Countries, 2011, 5, 425-436.	0.5	53
26	Vibrio cholerae O1 from Accra, Ghana carrying a class 2 integron and the SXT element. Journal of Antimicrobial Chemotherapy, 2008, 62, 929-933.	1.3	48
27	Rapid evolution of fluoroquinolone-resistant Escherichia coli in Nigeria is temporally associated with fluoroquinolone use. BMC Infectious Diseases, 2011, 11, 312.	1.3	47
28	Rapid Genomic Characterization and Global Surveillance of Klebsiella Using Pathogenwatch. Clinical Infectious Diseases, 2021, 73, S325-S335.	2.9	47
29	Antibacterial Activity of Aqueous Extracts of Selected Chewing Sticks. Journal of Contemporary Dental Practice, 2005, 6, 86-94.	0.2	47
30	Heat-Resistant Agglutinin 1 Is an Accessory EnteroaggregativeEscherichia coliColonization Factor. Journal of Bacteriology, 2009, 191, 4934-4942.	1.0	43
31	Leveraging Africa's preparedness towards the next phase of the COVID-19 pandemic. The Lancet Global Health, 2020, 8, e884-e885.	2.9	42
32	Bacteriological quality of skin-moisturizing creams and lotions distributed in a tropical developing country. Journal of Applied Microbiology, 2001, 91, 922-928.	1.4	41
33	Genetic elements associated with antimicrobial resistance in enteropathogenic Escherichia coli (EPEC) from Brazil. BMC Microbiology, 2010, 10, 25.	1.3	41
34	Broadening Participation in the Sciences within and from Africa: Purpose, Challenges, and Prospects. CBE Life Sciences Education, 2017, 16, es2.	1.1	38
35	Bacteria autoaggregation: how and why bacteria stick together. Biochemical Society Transactions, 2021, 49, 1147-1157.	1.6	37
36	Comparative Sequence Analysis of the Plasmid-Encoded Regulator of Enteropathogenic Escherichia coliStrains. Infection and Immunity, 2001, 69, 5553-5564.	1.0	36

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37	Regional Dissemination of a Trimethoprim-Resistance Gene Cassette via a Successful Transposable Element. PLoS ONE, 2012, 7, e38142.	1.1	36
38	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.	2.9	36
39	Antibiotic resistance of Helicobacter pylori from patients in Ile-Ife, South-west, Nigeria. African Health Sciences, 2007, 7, 143-7.	0.3	35
40	Antimicrobial spectrum ofAlchornea cordifolia leaf extract. , 1999, 13, 67-69.		34
41	EnteroaggregativeEscherichia coliRelated to Uropathogenic Clonal Group A. Emerging Infectious Diseases, 2007, 13, 757-760.	2.0	33
42	Diagnostic Insufficiency in Africa. Clinical Infectious Diseases, 2006, 42, 1501-1503.	2.9	31
43	Fluoroquinolone-Resistant Enteric Bacteria in Sub-Saharan Africa: Clones, Implications and Research Needs. Frontiers in Microbiology, 2016, 7, 558.	1.5	31
44	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. PLoS ONE, 2020, 15, e0238190.	1.1	31
45	Classes 1 and 2 integrons in faecal Escherichia coli strains isolated from mother-child pairs in Nigeria. PLoS ONE, 2017, 12, e0183383.	1.1	30
46	Leapfrogging laboratories: the promise and pitfalls of high-tech solutions for antimicrobial resistance surveillance in low-income settings. BMJ Global Health, 2020, 5, e003622.	2.0	30
47	Genomic Analysis of Antimicrobial Resistance and Resistance Plasmids in Salmonella Serovars from Poultry in Nigeria. Antibiotics, 2021, 10, 99.	1.5	29
48	Quality and bioavailability of tetracycline capsules in a Nigerian semi-urban community. International Journal of Antimicrobial Agents, 1995, 5, 245-250.	1.1	28
49	Diarrhoeagenic Escherichia coli in mother-child Pairs in Ile-Ife, South Western Nigeria. BMC Infectious Diseases, 2015, 16, 28.	1.3	28
50	African biomedical scientists and the promises of â€œbig scienceâ€• Canadian Journal of African Studies, 2016, 50, 455-478.	0.5	28
51	Carriage of diarrhoeagenic Escherichia coli by older children and adults in Accra, Ghana. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 504-506.	0.7	26
52	Clones and Clusters of Antimicrobial-ResistantKlebsiellaFrom Southwestern Nigeria. Clinical Infectious Diseases, 2021, 73, S308-S315.	2.9	26
53	Association between antimicrobial usage and resistance in Salmonella from poultry farms in Nigeria. BMC Veterinary Research, 2021, 17, 234.	0.7	26
54	Comparative genomics of 274 Vibrio cholerae genomes reveals mobile functions structuring three niche dimensions. BMC Genomics, 2014, 15, 654.	1.2	24

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55	Bacteremia Among Febrile Patients Attending Selected Healthcare Facilities in Ibadan, Nigeria. Clinical Infectious Diseases, 2019, 69, S466-S473.	2.9	23
56	Vibrio cholerae O1 lineages driving cholera outbreaks during seventh cholera pandemic in Ghana. Infection, Genetics and Evolution, 2011, 11, 1951-1956.	1.0	22
57	The Heat-Resistant Agglutinin Family Includes a Novel Adhesin from Enteroaggregative Escherichia coli Strain 60A. Journal of Bacteriology, 2011, 193, 4813-4820.	1.0	21
58	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.	2.9	21
59	Poverty and Root Causes of Resistance in Developing Countries. , 2010, , 27-35.		21
60	Antibiotic-Resistant Cell-Detaching Escherichia coli Strains from Nigerian Children. Journal of Clinical Microbiology, 2002, 40, 301-305.	1.8	20
61	Surveillance strategies using routine microbiology for antimicrobial resistance in low- and middle-income countries. Clinical Microbiology and Infection, 2021, 27, 1391-1399.	2.8	20
62	The importance of molecular diagnostics for infectious diseases in low-resource settings. Nature Reviews Microbiology, 2021, 19, 547-548.	13.6	20
63	Could Water and Sanitation Shortfalls Exacerbate SARS-CoV-2 Transmission Risks?. American Journal of Tropical Medicine and Hygiene, 2020, 103, 554-557.	0.6	20
64	Antimicrobial resistance surveillance in Africa: Successes, gaps and a roadmap for the future. African Journal of Laboratory Medicine, 2018, 7, 924.	0.2	19
65	Harnessing alternative sources of antimicrobial resistance data to support surveillance in low-resource settings. Journal of Antimicrobial Chemotherapy, 2019, 74, 541-546.	1.3	18
66	Antibacterial activity in plants used as chewing sticks in Africa. Drugs of the Future, 2004, 29, 1221.	0.0	18
67	Dissemination of the Transmissible Quinolone-Resistance Gene qnrS1 by IncX Plasmids in Nigeria. PLoS ONE, 2014, 9, e110279.	1.1	17
68	Enteroaggregative Escherichia coli Have Evolved Independently as Distinct Complexes within the E. coli Population with Varying Ability to Cause Disease. PLoS ONE, 2014, 9, e112967.	1.1	17
69	Biomedical loopholes, distrusted state, and the politics of HIV/AIDS 'cure' in Nigeria. African Affairs, 2011, 110, 191-211.	0.6	16
70	Export of Antimicrobial Drugs by West African Travelers. Journal of Travel Medicine, 2003, 10, 133-135.	1.4	15
71	A Second Large Plasmid Encodes Conjugative Transfer and Antimicrobial Resistance in O119:H2 and Some Typical O111 Enteropathogenic Escherichia coli Strains. Journal of Bacteriology, 2007, 189, 6074-6079.	1.0	15
72	Diagnostic schemes for reducing epidemic size of african viral hemorrhagic fever outbreaks. Journal of Infection in Developing Countries, 2014, 8, 1148-1159.	0.5	15

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73	Antimicrobial resistance of Vibrio cholerae from sub-Saharan Africa: A systematic review. African Journal of Laboratory Medicine, 2018, 7, 778.	0.2	15
74	Prolonged febrile illness due to CTX-M-15 extendedspectrum Î²-lactamase-producing Klebsiella pneumoniae infection in Nigeria. African Journal of Laboratory Medicine, 2011, 1, 16.	0.2	15
75	African Researchers Underrepresented. Science, 2010, 328, 1103-1103.	6.0	14
76	A Pathoadaptive Deletion in an Enteroaggregative Escherichia coli Outbreak Strain Enhances Virulence in a Caenorhabditis elegans Model. Infection and Immunity, 2010, 78, 4068-4076.	1.0	14
77	Error-Prone DNA Repair System in Enteroaggregative Escherichia coli Identified by Subtractive Hybridization. Journal of Bacteriology, 2007, 189, 3793-3803.	1.0	13
78	Post-genomic challenges for collaborative research in infectious diseases. Nature Reviews Microbiology, 2008, 6, 858-864.	13.6	13
79	Characterization of a Large Antibiotic Resistance Plasmid Found in Enteropathogenic Escherichia coli Strain B171 and Its Relatedness to Plasmids of Diverse E. coli and Shigella Strains. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	13
80	Population health outcomes in Nigeria compared with other west African countries, 1998â€“2019: a systematic analysis for the Global Burden of Disease Study. Lancet, The, 2022, 399, 1117-1129.	6.3	13
81	The Plasmid-Encoded Regulator Activates Factors Conferring Lysozyme Resistance on Enteropathogenic Escherichia coli Strains. Applied and Environmental Microbiology, 2009, 75, 275-280.	1.4	11
82	The commonly-used DNA probe for diffusely-adherent Escherichia coli cross-reacts with a subset of enteroaggregative E. coli. BMC Microbiology, 2009, 9, 269.	1.3	11
83	Self-association motifs in the enteroaggregative Escherichia coli heat-resistant agglutinin 1. Microbiology (United Kingdom), 2016, 162, 1091-1102.	0.7	11
84	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.	0.8	10
85	Quinoline Antimalarials Increase the Antibacterial Activity of Ampicillin. Frontiers in Microbiology, 2021, 12, 556550.	1.5	10
86	Partnerships for now?. Medicine Anthropology Theory, 2018, 5, .	0.6	10
87	When medicines fail: recommendations for curbing antibiotic resistance. Journal of Infection in Developing Countries, 2010, 4, 355-356.	0.5	10
88	IS3 profiling identifies the enterohaemorrhagic Escherichia coli O-island 62 in a distinct enteroaggregative E. coli lineage. Gut Pathogens, 2011, 3, 4.	1.6	8
89	Laboratory systems as an antibacterial resistance containment tool in Africa. African Journal of Laboratory Medicine, 2016, 5, 497.	0.2	8
90	Aggregative Adherence and Intestinal Colonization by Enteroaggregative Escherichia coli Are Produced by Interactions among Multiple Surface Factors. MSphere, 2018, 3, .	1.3	8

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91	A large self-transmissible resistance plasmid from Nigeria contains genes that ameliorate a carrying cost. Scientific Reports, 2019, 9, 19624.	1.6	8
92	The Not so Good, the Bad and the Ugly: Differential Bacterial Adhesion and Invasion Mediated by Salmonella PagN Allelic Variants. Microorganisms, 2020, 8, 489.	1.6	8
93	Transforming access to diagnostics: how to turn good intentions into action?. Lancet, The, 2021, 398, 1947-1949.	6.3	8
94	Quality and bioavailability of ampicillin capsules dispensed in a Nigerian semi-urban community. African Journal of Medicine and Medical Sciences, 2001, 30, 47-51.	0.2	8
95	Rectal Colonization and Nosocomial Transmission of Carbapenem-Resistant Acinetobacter baumannii in an Intensive Care Unit, Southwest Nigeria. Frontiers in Medicine, 2022, 9, 846051.	1.2	8
96	Cholera Vaccine Will Reduce Antibiotic Use. Science, 2009, 325, 674-674.	6.0	7
97	Novel multiplex real-time PCR assays reveal a high prevalence of diarrhoeagenic Escherichia coli pathotypes in healthy and diarrhoeal children in the south of Vietnam. BMC Microbiology, 2020, 20, 192.	1.3	7
98	Implementing Whole-Genome Sequencing for Ongoing Surveillance of Antimicrobial Resistance: Exemplifying Insights IntoKlebsiella pneumoniae. Clinical Infectious Diseases, 2021, 73, S255-S257.	2.9	7
99	Helicobacter pylori in gastroduodenal diseases. Journal of the National Medical Association, 2007, 99, 31-4.	0.6	7
100	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.	4.6	7
101	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.	2.7	6
102	Enteroinvasive Escherichia coli May Account for Uncultured Shigella. American Journal of Tropical Medicine and Hygiene, 2016, 94, 480-481.	0.6	5
103	Dreams and dream spaces of West African molecular microbiology. Africa, 2020, 90, 167-187.	0.2	5
104	Antimicrobial Use and Resistance in Africa. , 2010, , 301-314.		5
105	Surveillance and Epidemiology of Drug Resistant Infections Consortium (SEDRIC): Supporting the transition from strategy to action. Wellcome Open Research, 2018, 3, 59.	0.9	5
106	Bacterial capsules: a simple method for demonstration under the light microscope. British Journal of Biomedical Science, 1995, 52, 321-2.	1.2	5
107	Good Financial Grant Practice: A Tool for Developing and Demonstrating Institutional Financial and Grant Management Capacity in Global Health. Clinical Infectious Diseases, 2021, 73, S275-S282.	2.9	3
108	Building resources to meet evolving laboratory medicine challenges in Africa. African Journal of Laboratory Medicine, 2018, 7, 915.	0.2	3

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109	Potentially pathogenic Escherichia coli from household water in peri-urban Ibadan, Nigeria. Journal of Water and Health, 2022, 20, 1137-1149.	1.1	3
110	Stopping the Spread of Drug-Resistant Malaria. Science, 2004, 306, 2039c-2040c.	6.0	2
111	The Monitoring and Evaluation of a Multicountry Surveillance Study, the Severe Typhoid Fever in Africa Program. Clinical Infectious Diseases, 2019, 69, S510-S518.	2.9	2
112	Surveillance and Epidemiology of Drug Resistant Infections Consortium (SEDRIC): Supporting the transition from strategy to action. Wellcome Open Research, 0, 3, 59.	0.9	2
113	When medicines fail: recommendations for curbing antibiotic resistance. Journal of Infection in Developing Countries, 2010, 4, 355-6.	0.5	2
114	Bacteriology And Antimicrobial Suceptibility Profile Of Agents Of Orofacial Infections In Nigerians. African Journal of Clinical and Experimental Microbiology, 2004, 5, 272.	0.1	1
115	A plasmid-encoded papB paralogue modulates autoaggregation of Escherichia coli transconjugants. BMC Research Notes, 2020, 13, 565.	0.6	1
116	African laboratory medicine in the time of COVID-19. African Journal of Laboratory Medicine, 2020, 9, 1447.	0.2	1
117	Towards a fiercely urgent expansion of laboratory medicine in Africa. African Journal of Laboratory Medicine, 2021, 10, 1785.	0.2	1
118	Connecting loose ends: a unique linear plasmid or a new model system?. Trends in Microbiology, 2008, 16, 198-199.	3.5	0
119	Editorial overview: Paths of least resistance: surveillance, discovery, and innovation to address the other (antimicrobial resistance) pandemic. Current Opinion in Microbiology, 2020, 57, iii-v.	2.3	0
120	Twenty steps to ingrain power asymmetry in global health biomedical research. PLoS Biology, 2021, 19, e3001411.	2.6	0
121	Honing in on disease etiology. African Journal of Laboratory Medicine, 2017, 6, 679.	0.2	0
122	Extending the breadth of African laboratory medicine. African Journal of Laboratory Medicine, 2019, 8, 1128.	0.2	0
123	Extending the breadth of African laboratory medicine. African Journal of Laboratory Medicine, 2019, 8, .	0.2	0
124	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. , 2020, 15, e0238190.		0
125	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. , 2020, 15, e0238190.		0
126	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. , 2020, 15, e0238190.		0

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127	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. , 2020, 15, e0238190.		0