

Iruka N Okeke

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

5,644
citations

117571

34
h-index

88593

70
g-index

136
all docs

136
docs citations

136
times ranked

6167
citing authors

#	ARTICLE	IF	CITATIONS
1	Population health outcomes in Nigeria compared with other west African countries, 1998â€“2019: a systematic analysis for the Global Burden of Disease Study. <i>Lancet, The</i> , 2022, 399, 1117-1129.	6.3	13
2	The Lancet Nigeria Commission: investing in health and the future of the nation. <i>Lancet, The</i> , 2022, 399, 1155-1200.	6.3	87
3	Rectal Colonization and Nosocomial Transmission of Carbapenem-Resistant <i>Acinetobacter baumannii</i> in an Intensive Care Unit, Southwest Nigeria. <i>Frontiers in Medicine</i> , 2022, 9, 846051.	1.2	8
4	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, The</i> , 2022, 22, e130-e142.	4.6	7
5	A bottom-up view of antimicrobial resistance transmission in developing countries. <i>Nature Microbiology</i> , 2022, 7, 757-765.	5.9	83
6	Potentially pathogenic <i>Escherichia coli</i> from household water in peri-urban Ibadan, Nigeria. <i>Journal of Water and Health</i> , 2022, 20, 1137-1149.	1.1	3
7	Clones and Clusters of Antimicrobial-Resistant <i>Klebsiella</i> From Southwestern Nigeria. <i>Clinical Infectious Diseases</i> , 2021, 73, S308-S315.	2.9	26
8	Good Financial Grant Practice: A Tool for Developing and Demonstrating Institutional Financial and Grant Management Capacity in Global Health. <i>Clinical Infectious Diseases</i> , 2021, 73, S275-S282.	2.9	3
9	Genomic Analysis of Antimicrobial Resistance and Resistance Plasmids in <i>Salmonella</i> Serovars from Poultry in Nigeria. <i>Antibiotics</i> , 2021, 10, 99.	1.5	29
10	Rapid Genomic Characterization and Global Surveillance of <i>Klebsiella</i> Using Pathogenwatch. <i>Clinical Infectious Diseases</i> , 2021, 73, S325-S335.	2.9	47
11	Implementing Whole-Genome Sequencing for Ongoing Surveillance of Antimicrobial Resistance: Exemplifying Insights Into <i>Klebsiella pneumoniae</i> . <i>Clinical Infectious Diseases</i> , 2021, 73, S255-S257.	2.9	7
12	Bacteria autoaggregation: how and why bacteria stick together. <i>Biochemical Society Transactions</i> , 2021, 49, 1147-1157.	1.6	37
13	Surveillance strategies using routine microbiology for antimicrobial resistance in low- and middle-income countries. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1391-1399.	2.8	20
14	The importance of molecular diagnostics for infectious diseases in low-resource settings. <i>Nature Reviews Microbiology</i> , 2021, 19, 547-548.	13.6	20
15	Quinoline Antimalarials Increase the Antibacterial Activity of Ampicillin. <i>Frontiers in Microbiology</i> , 2021, 12, 556550.	1.5	10
16	Association between antimicrobial usage and resistance in <i>Salmonella</i> from poultry farms in Nigeria. <i>BMC Veterinary Research</i> , 2021, 17, 234.	0.7	26
17	Twenty steps to ingrain power asymmetry in global health biomedical research. <i>PLoS Biology</i> , 2021, 19, e3001411.	2.6	0
18	Transforming access to diagnostics: how to turn good intentions into action?. <i>Lancet, The</i> , 2021, 398, 1947-1949.	6.3	8

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19	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.	2.7	6
20	Towards a fiercely urgent expansion of laboratory medicine in Africa. <i>African Journal of Laboratory Medicine</i> , 2021, 10, 1785.	0.2	1
21	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. <i>PLoS ONE</i> , 2020, 15, e0238190.	1.1	31
22	Editorial overview: Paths of least resistance: surveillance, discovery, and innovation to address the other (antimicrobial resistance) pandemic. <i>Current Opinion in Microbiology</i> , 2020, 57, iii-v.	2.3	0
23	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. <i>Clinical Infectious Diseases</i> . 2020. 71. S102-S110.	2.9	36
24	A plasmid-encoded papB paralogue modulates autoaggregation of Escherichia coli transconjugants. <i>BMC Research Notes</i> , 2020, 13, 565.	0.6	1
25	Dreams and dream spaces of West African molecular microbiology. <i>Africa</i> , 2020, 90, 167-187.	0.2	5
26	Leveraging Africa's preparedness towards the next phase of the COVID-19 pandemic. <i>The Lancet Global Health</i> , 2020, 8, e884-e885.	2.9	42
27	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. <i>BMC Microbiology</i> , 2020, 20, 192.	1.3	7
28	The Not so Good, the Bad and the Ugly: Differential Bacterial Adhesion and Invasion Mediated by Salmonella PagN Allelic Variants. <i>Microorganisms</i> , 2020, 8, 489.	1.6	8
29	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
30	Could Water and Sanitation Shortfalls Exacerbate SARS-CoV-2 Transmission Risks?. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 554-557.	0.6	20
31	African laboratory medicine in the time of COVID-19. <i>African Journal of Laboratory Medicine</i> , 2020, 9, 1447.	0.2	1
32	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. , 2020, 15, e0238190.		0
33	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. , 2020, 15, e0238190.		0
34	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. , 2020, 15, e0238190.		0
35	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. , 2020, 15, e0238190.		0
36	Improving the estimation of the global burden of antimicrobial resistant infections. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e392-e398.	4.6	68

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37	The Monitoring and Evaluation of a Multicountry Surveillance Study, the Severe Typhoid Fever in Africa Program. <i>Clinical Infectious Diseases</i> , 2019, 69, S510-S518.	2.9	2
38	Bacteremia Among Febrile Patients Attending Selected Healthcare Facilities in Ibadan, Nigeria. <i>Clinical Infectious Diseases</i> , 2019, 69, S466-S473.	2.9	23
39	The Severe Typhoid Fever in Africa Program: Study Design and Methodology to Assess Disease Severity, Host Immunity, and Carriage Associated With Invasive Salmonellosis. <i>Clinical Infectious Diseases</i> , 2019, 69, S422-S434.	2.9	21
40	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
41	Who is telling the story? A systematic review of authorship for infectious disease research conducted in Africa, 1980â€”2016. <i>BMJ Global Health</i> , 2019, 4, e001855.	2.0	83
42	A large self-transmissible resistance plasmid from Nigeria contains genes that ameliorate a carrying cost. <i>Scientific Reports</i> , 2019, 9, 19624.	1.6	8
43	The incidence and prevalence of hospital-acquired (carbapenem-resistant) <i>Acinetobacter baumannii</i> in Europe, Eastern Mediterranean and Africa: a systematic review and meta-analysis. <i>Emerging Microbes and Infections</i> , 2019, 8, 1747-1759.	3.0	94
44	Extending the breadth of African laboratory medicine. <i>African Journal of Laboratory Medicine</i> , 2019, 8, 1128.	0.2	0
45	Extending the breadth of African laboratory medicine. <i>African Journal of Laboratory Medicine</i> , 2019, 8, .	0.2	0
46	Aggregative Adherence and Intestinal Colonization by Enteroaggregative <i>Escherichia coli</i> Are Produced by Interactions among Multiple Surface Factors. <i>MSphere</i> , 2018, 3, .	1.3	8
47	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. <i>BMJ Open</i> , 2018, 8, e021438.	0.8	10
48	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
49	Partnerships for now?. <i>Medicine Anthropology Theory</i> , 2018, 5, .	0.6	10
50	Building resources to meet evolving laboratory medicine challenges in Africa. <i>African Journal of Laboratory Medicine</i> , 2018, 7, 915.	0.2	3
51	Antimicrobial resistance of <i>Vibrio cholerae</i> from sub-Saharan Africa: A systematic review. <i>African Journal of Laboratory Medicine</i> , 2018, 7, 778.	0.2	15
52	Antimicrobial resistance surveillance in Africa: Successes, gaps and a roadmap for the future. <i>African Journal of Laboratory Medicine</i> , 2018, 7, 924.	0.2	19
53	Characterization of a Large Antibiotic Resistance Plasmid Found in Enteropathogenic <i>Escherichia coli</i> Strain B171 and Its Relatedness to Plasmids of Diverse <i>E. coli</i> and <i>Shigella</i> Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	13
54	Classes 1 and 2 integrons in faecal <i>Escherichia coli</i> strains isolated from mother-child pairs in Nigeria. <i>PLoS ONE</i> , 2017, 12, e0183383.	1.1	30

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55	Broadening Participation in the Sciences within and from Africa: Purpose, Challenges, and Prospects. CBE Life Sciences Education, 2017, 16, es2.	1.1	38
56	Honing in on disease etiology. African Journal of Laboratory Medicine, 2017, 6, 679.	0.2	0
57	Laboratory systems as an antibacterial resistance containment tool in Africa. African Journal of Laboratory Medicine, 2016, 5, 497.	0.2	8
58	Fluoroquinolone-Resistant Enteric Bacteria in Sub-Saharan Africa: Clones, Implications and Research Needs. Frontiers in Microbiology, 2016, 7, 558.	1.5	31
59	African biomedical scientists and the promises of 'big science'. Canadian Journal of African Studies, 2016, 50, 455-478.	0.5	28
60	Enteroinvasive Escherichia coli May Account for Uncultured Shigella. American Journal of Tropical Medicine and Hygiene, 2016, 94, 480-481.	0.6	5
61	Self-association motifs in the enteroaggregative Escherichia coli heat-resistant agglutinin 1. Microbiology (United Kingdom), 2016, 162, 1091-1102.	0.7	11
62	Diarrhoeagenic Escherichia coli in mother-child Pairs in Ile-Ife, South Western Nigeria. BMC Infectious Diseases, 2015, 16, 28.	1.3	28
63	Dissemination of the Transmissible Quinolone-Resistance Gene qnrS1 by IncX Plasmids in Nigeria. PLoS ONE, 2014, 9, e110279.	1.1	17
64	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
65	Comparative genomics of 274 Vibrio cholerae genomes reveals mobile functions structuring three niche dimensions. BMC Genomics, 2014, 15, 654.	1.2	24
66	Enteraggregative 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
67	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
68	Regional Dissemination of a Trimethoprim-Resistance Gene Cassette via a Successful Transposable Element. PLoS ONE, 2012, 7, e38142.	1.1	36
69	Diagnostics as essential tools for containing antibacterial resistance. Drug Resistance Updates, 2011, 14, 95-106.	6.5	99
70	Non-prescription antimicrobial use worldwide: a systematic review. Lancet Infectious Diseases, The, 2011, 11, 692-701.	4.6	676
71	Vibrio cholerae O1 lineages driving cholera outbreaks during seventh cholera pandemic in Ghana. Infection, Genetics and Evolution, 2011, 11, 1951-1956.	1.0	22
72	Rapid evolution of fluoroquinolone-resistant Escherichia coli in Nigeria is temporally associated with fluoroquinolone use. BMC Infectious Diseases, 2011, 11, 312.	1.3	47

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73	IS3 profiling identifies the enterohaemorrhagic <i>Escherichia coli</i> O-island 62 in a distinct enteroaggregative <i>E. coli</i> lineage. <i>Gut Pathogens</i> , 2011, 3, 4.	1.6	8
74	Quinolone resistance in <i>Escherichia coli</i> from Accra, Ghana. <i>BMC Microbiology</i> , 2011, 11, 44.	1.3	65
75	Biomedical loopholes, distrusted state, and the politics of HIV/AIDS 'cure' in Nigeria. <i>African Affairs</i> , 2011, 110, 191-211.	0.6	16
76	The Heat-Resistant Agglutinin Family Includes a Novel Adhesin from Enteroaggregative <i>Escherichia coli</i> Strain 60A. <i>Journal of Bacteriology</i> , 2011, 193, 4813-4820.	1.0	21
77	Enteroaggregative <i>E. coli</i> O104 from an outbreak of HUS in Germany 2011, could it happen again?. <i>Journal of Infection in Developing Countries</i> , 2011, 5, 425-436.	0.5	53
78	Prolonged febrile illness due to CTX-M-15 extended-spectrum β -lactamase-producing <i>Klebsiella pneumoniae</i> infection in Nigeria. <i>African Journal of Laboratory Medicine</i> , 2011, 1, 16.	0.2	15
79	Genetic elements associated with antimicrobial resistance in enteropathogenic <i>Escherichia coli</i> (EPEC) from Brazil. <i>BMC Microbiology</i> , 2010, 10, 25.	1.3	41
80	Carriage of diarrhoeagenic <i>Escherichia coli</i> by older children and adults in Accra, Ghana. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2010, 104, 504-506.	0.7	26
81	Multi-Locus Sequence Typing of Enteroaggregative <i>Escherichia coli</i> Isolates from Nigerian Children Uncovers Multiple Lineages. <i>PLoS ONE</i> , 2010, 5, e14093.	1.1	79
82	African Researchers Underrepresented. <i>Science</i> , 2010, 328, 1103-1103.	6.0	14
83	A Pathoadaptive Deletion in an Enteroaggregative <i>Escherichia coli</i> Outbreak Strain Enhances Virulence in a <i>Caenorhabditis elegans</i> Model. <i>Infection and Immunity</i> , 2010, 78, 4068-4076.	1.0	14
84	Antimicrobial Use and Resistance in Africa. , 2010, , 301-314.		5
85	Poverty and Root Causes of Resistance in Developing Countries. , 2010, , 27-35.		21
86	When medicines fail: recommendations for curbing antibiotic resistance. <i>Journal of Infection in Developing Countries</i> , 2010, 4, 355-356.	0.5	10
87	Diarrheagenic <i>Escherichia coli</i> in sub-Saharan Africa: Status, Uncertainties and Necessities. <i>Journal of Infection in Developing Countries</i> , 2010, 3, 817-842.	0.5	104
88	When medicines fail: recommendations for curbing antibiotic resistance. <i>Journal of Infection in Developing Countries</i> , 2010, 4, 355-6.	0.5	2
89	Heat-Resistant Agglutinin 1 Is an Accessory Enteroaggregative <i>Escherichia coli</i> Colonization Factor. <i>Journal of Bacteriology</i> , 2009, 191, 4934-4942.	1.0	43
90	Cholera Vaccine Will Reduce Antibiotic Use. <i>Science</i> , 2009, 325, 674-674.	6.0	7

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91	The Plasmid-Encoded Regulator Activates Factors Conferring Lysozyme Resistance on Enteropathogenic <i>Escherichia coli</i> Strains. <i>Applied and Environmental Microbiology</i> , 2009, 75, 275-280.	1.4	11
92	The commonly-used DNA probe for diffusely-adherent <i>Escherichia coli</i> cross-reacts with a subset of enteroaggregative <i>E. coli</i> . <i>BMC Microbiology</i> , 2009, 9, 269.	1.3	11
93	The <i>Escherichia coli</i> Common Pilus and the Bundle-Forming Pilus Act in Concert during the Formation of Localized Adherence by Enteropathogenic <i>E. coli</i> . <i>Journal of Bacteriology</i> , 2009, 191, 3451-3461.	1.0	78
94	Post-genomic challenges for collaborative research in infectious diseases. <i>Nature Reviews Microbiology</i> , 2008, 6, 858-864.	13.6	13
95	Connecting loose ends: a unique linear plasmid or a new model system?. <i>Trends in Microbiology</i> , 2008, 16, 198-199.	3.5	0
96	<i>Vibrio cholerae</i> O1 from Accra, Ghana carrying a class 2 integron and the SXT element. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 929-933.	1.3	48
97	Error-Prone DNA Repair System in Enteroaggregative <i>Escherichia coli</i> Identified by Subtractive Hybridization. <i>Journal of Bacteriology</i> , 2007, 189, 3793-3803.	1.0	13
98	A Second Large Plasmid Encodes Conjugative Transfer and Antimicrobial Resistance in O119:H2 and Some Typical O111 Enteropathogenic <i>Escherichia coli</i> Strains. <i>Journal of Bacteriology</i> , 2007, 189, 6074-6079.	1.0	15
99	Enteroaggregative <i>Escherichia coli</i> Related to Uropathogenic Clonal Group A. <i>Emerging Infectious Diseases</i> , 2007, 13, 757-760.	2.0	33
100	Growing Problem of Multidrug-Resistant Enteric Pathogens in Africa. <i>Emerging Infectious Diseases</i> , 2007, 13, 1640-1646.	2.0	157
101	Antibiotic resistance of <i>Helicobacter pylori</i> from patients in Ile-Ife, South-west, Nigeria. <i>African Health Sciences</i> , 2007, 7, 143-7.	0.3	35
102	<i>Helicobacter pylori</i> in gastroduodenal diseases. <i>Journal of the National Medical Association</i> , 2007, 99, 31-4.	0.6	7
103	Diagnostic Insufficiency in Africa. <i>Clinical Infectious Diseases</i> , 2006, 42, 1501-1503.	2.9	31
104	Antimicrobial resistance in developing countries. Part I: recent trends and current status. <i>Lancet Infectious Diseases</i> , The, 2005, 5, 481-493.	4.6	624
105	Antimicrobial resistance in developing countries. Part II: strategies for containment. <i>Lancet Infectious Diseases</i> , The, 2005, 5, 568-580.	4.6	221
106	Antibacterial Activity of Aqueous Extracts of Selected Chewing Sticks. <i>Journal of Contemporary Dental Practice</i> , 2005, 6, 86-94.	0.2	47
107	Bacteriology And Antimicrobial Suceptibility Profile Of Agents Of Orofacial Infections In Nigerians. <i>African Journal of Clinical and Experimental Microbiology</i> , 2004, 5, 272.	0.1	1
108	Molecular Epidemiology of the Iron Utilization Genes of Enteroaggregative <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2004, 42, 36-44.	1.8	53

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109	Stopping the Spread of Drug-Resistant Malaria. <i>Science</i> , 2004, 306, 2039c-2040c.	6.0	2
110	Antibiotic resistance of faecal <i>Escherichia coli</i> from healthy volunteers from eight developing countries. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 952-955.	1.3	94
111	Antibacterial activity in plants used as chewing sticks in Africa. <i>Drugs of the Future</i> , 2004, 29, 1221.	0.0	18
112	Etiology of Acute Diarrhea in Adults in Southwestern Nigeria. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4525-4530.	1.8	65
113	Export of Antimicrobial Drugs by West African Travelers. <i>Journal of Travel Medicine</i> , 2003, 10, 133-135.	1.4	15
114	Antibiotic-Resistant Cell-Detaching <i>Escherichia coli</i> Strains from Nigerian Children. <i>Journal of Clinical Microbiology</i> , 2002, 40, 301-305.	1.8	20
115	Enteropathogenic <i>Escherichia coli</i> . <i>Lancet Infectious Diseases</i> , 2001, 1, 304-313.	4.6	155
116	Bacteriological quality of skin-moisturizing creams and lotions distributed in a tropical developing country. <i>Journal of Applied Microbiology</i> , 2001, 91, 922-928.	1.4	41
117	Dissemination of Antibiotic-Resistant Bacteria across Geographic Borders. <i>Clinical Infectious Diseases</i> , 2001, 33, 364-369.	2.9	82
118	espC Pathogenicity Island of Enteropathogenic <i>Escherichia coli</i> Encodes an Enterotoxin. <i>Infection and Immunity</i> , 2001, 69, 315-324.	1.0	129
119	Comparative Sequence Analysis of the Plasmid-Encoded Regulator of Enteropathogenic <i>Escherichia coli</i> Strains. <i>Infection and Immunity</i> , 2001, 69, 5553-5564.	1.0	36
120	Quality and bioavailability of ampicillin capsules dispensed in a Nigerian semi-urban community. <i>African Journal of Medicine and Medical Sciences</i> , 2001, 30, 47-51.	0.2	8
121	Antibiotic Resistance in <i>Escherichia coli</i> from Nigerian Students, 1986-1998. <i>Emerging Infectious Diseases</i> , 2000, 6, 393-396.	2.0	80
122	Characterization of <i>Escherichia coli</i> Strains from Cases of Childhood Diarrhea in Provincial Southwestern Nigeria. <i>Journal of Clinical Microbiology</i> , 2000, 38, 7-12.	1.8	127
123	Antimicrobial spectrum of <i>Alchornea cordifolia</i> leaf extract. , 1999, 13, 67-69.		34
124	Socioeconomic and Behavioral Factors Leading to Acquired Bacterial Resistance to Antibiotics in Developing Countries. <i>Emerging Infectious Diseases</i> , 1999, 5, 18-27.	2.0	473
125	Quality and bioavailability of tetracycline capsules in a Nigerian semi-urban community. <i>International Journal of Antimicrobial Agents</i> , 1995, 5, 245-250.	1.1	28
126	Bacterial capsules: a simple method for demonstration under the light microscope. <i>British Journal of Biomedical Science</i> , 1995, 52, 321-2.	1.2	5

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127	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