

Claire Jenkins

List of Publications by Year in descending order

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103
papers

4,102
citations

94433

37
h-index

138484

58
g-index

105
all docs

105
docs citations

105
times ranked

3207
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of <i>Salmonella</i> for public health surveillance using whole genome sequencing. PeerJ, 2016, 4, e1752.	2.0	236
2	Intercontinental dissemination of azithromycin-resistant shigellosis through sexual transmission: a cross-sectional study. Lancet Infectious Diseases, The, 2015, 15, 913-921.	9.1	204
3	Whole-Genome Sequencing for National Surveillance of Shiga Toxin-Producing <i>Escherichia coli</i> O157. Clinical Infectious Diseases, 2015, 61, 305-312.	5.8	181
4	SnapperDB: a database solution for routine sequencing analysis of bacterial isolates. Bioinformatics, 2018, 34, 3028-3029.	4.1	164
5	Prediction of Phenotypic Antimicrobial Resistance Profiles From Whole Genome Sequences of Non-typhoidal <i>Salmonella enterica</i> . Frontiers in Microbiology, 2018, 9, 592.	3.5	139
6	Horizontal antimicrobial resistance transfer drives epidemics of multiple <i>Shigella</i> species. Nature Communications, 2018, 9, 1462.	12.8	121
7	Enterohemorrhagic <i>Escherichia coli</i> O26:H11/H ⁺ : A New Virulent Clone Emerges in Europe. Clinical Infectious Diseases, 2013, 56, 1373-1381.	5.8	118
8	Pathogenicity assessment of Shiga toxin-producing <i>Escherichia coli</i> (STEC) and the public health risk posed by contamination of food with STEC. EFSA Journal, 2020, 18, e05967.	1.8	111
9	The epidemiology, microbiology and clinical impact of Shiga toxin-producing <i>Escherichia coli</i> in England, 2009-2012. Epidemiology and Infection, 2015, 143, 3475-3487.	2.1	110
10	Applying phylogenomics to understand the emergence of Shiga-toxin-producing <i>Escherichia coli</i> O157:H7 strains causing severe human disease in the UK. Microbial Genomics, 2015, 1, e000029.	2.0	105
11	Identification of <i>Escherichia coli</i> and <i>Shigella</i> Species from Whole-Genome Sequences. Journal of Clinical Microbiology, 2017, 55, 616-623.	3.9	103
12	Temporal Shedding Patterns and Virulence Factors of <i>Escherichia coli</i> Serogroups O26, O103, O111, O145, and O157 in a Cohort of Beef Calves and Their Dams. Applied and Environmental Microbiology, 2004, 70, 1708-1716.	3.1	85
13	Rifampicin Resistance in Tuberculosis Outbreak, London, England. Emerging Infectious Diseases, 2005, 11, 912-920.	4.3	83
14	Intensified shigellosis epidemic associated with sexual transmission in men who have sex with men - <i>Shigella flexneri</i> and <i>S. sonnei</i> in England, 2004 to end of February 2015. Eurosurveillance, 2015, 20, .	7.0	77
15	Public Health Investigation of Two Outbreaks of Shiga Toxin-Producing <i>Escherichia coli</i> O157 Associated with Consumption of Watercress. Applied and Environmental Microbiology, 2015, 81, 3946-3952.	3.1	68
16	Insight into Shiga toxin genes encoded by <i>Escherichia coli</i> O157 from whole genome sequencing. PeerJ, 2015, 3, e739.	2.0	66
17	Genomic epidemiology of <i>Shigella</i> in the United Kingdom shows transmission of pathogen sublineages and determinants of antimicrobial resistance. Scientific Reports, 2018, 8, 7389.	3.3	65
18	Shiga Toxin-Producing <i>Escherichia coli</i> O157, England and Wales, 1983-2012. Emerging Infectious Diseases, 2016, 22, 590-597.	4.3	61

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19	Comparison of phenotypic and WGS-derived antimicrobial resistance profiles of <i>Shigella sonnei</i> isolated from cases of diarrhoeal disease in England and Wales, 2015. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2496-2502.	3.0	61
20	Epidemiology and microbiology of Shiga toxin-producing <i>Escherichia coli</i> other than serogroup O157 in England, 2009–2013. <i>Journal of Medical Microbiology</i> , 2014, 63, 1181-1188.	1.8	59
21	Whole Genome Sequencing for Public Health Surveillance of Shiga Toxin-Producing <i>Escherichia coli</i> Other than Serogroup O157. <i>Frontiers in Microbiology</i> , 2016, 7, 258.	3.5	59
22	Disease severity of Shiga toxin-producing <i>E. coli</i> O157 and factors influencing the development of typical haemolytic uraemic syndrome: a retrospective cohort study, 2009–2012. <i>BMJ Open</i> , 2016, 6, e009933.	1.9	56
23	ESBL-Producing and Macrolide-Resistant <i>Shigella sonnei</i> Infections among Men Who Have Sex with Men, England, 2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 1948-1952.	4.3	55
24	An outbreak of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 associated with contaminated salad leaves: epidemiological, genomic and food trace back investigations. <i>Epidemiology and Infection</i> , 2018, 146, 187-196.	2.1	54
25	Assessment of a real-time PCR for the detection and characterization of verocytotoxigenic <i>Escherichia coli</i> . <i>Journal of Medical Microbiology</i> , 2012, 61, 1082-1085.	1.8	52
26	Antimicrobial resistance in Shiga toxin-producing <i>Escherichia coli</i> serogroups O157 and O26 isolated from human cases of diarrhoeal disease in England, 2015. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 145-152.	3.0	51
27	Whole genome sequencing reveals an outbreak of <i>Salmonella</i> Enteritidis associated with reptile feeder mice in the United Kingdom, 2012-2015. <i>Food Microbiology</i> , 2018, 71, 32-38.	4.2	51
28	Whole genome sequencing improved case ascertainment in an outbreak of Shiga toxin-producing <i>Escherichia coli</i> O157 associated with raw drinking milk. <i>Epidemiology and Infection</i> , 2016, 144, 2812-2823.	2.1	49
29	Outbreaks of Shiga Toxin-Producing <i>Escherichia coli</i> Linked to Sprouted Seeds, Salad, and Leafy Greens: A Systematic Review. <i>Journal of Food Protection</i> , 2019, 82, 1950-1958.	1.7	46
30	Evolution of a zoonotic pathogen: investigating prophage diversity in enterohaemorrhagic <i>Escherichia coli</i> O157 by long-read sequencing. <i>Microbial Genomics</i> , 2016, 2, e000096.	2.0	46
31	Use of Whole-Genus Genome Sequence Data To Develop a Multilocus Sequence Typing Tool That Accurately Identifies <i>Yersinia</i> Isolates to the Species and Subspecies Levels. <i>Journal of Clinical Microbiology</i> , 2015, 53, 35-42.	3.9	45
32	Persistent Transmission of Shigellosis in England Is Associated with a Recently Emerged Multidrug-Resistant Strain of <i>Shigella sonnei</i> . <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	45
33	Use of whole-genome sequencing for the public health surveillance of <i>Shigella sonnei</i> in England and Wales, 2015. <i>Journal of Medical Microbiology</i> , 2016, 65, 882-884.	1.8	45
34	Short-term evolution of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 between two food-borne outbreaks. <i>Microbial Genomics</i> , 2016, 2, e000084.	2.0	45
35	The serodiagnosis of infections caused by Verocytotoxin-producing <i>Escherichia coli</i> . <i>Journal of Applied Microbiology</i> , 1999, 86, 731-740.	3.1	43
36	Impact of whole genome sequencing on the investigation of food-borne outbreaks of Shiga toxin-producing <i>Escherichia coli</i> serogroup O157:H7, England, 2013 to 2017. <i>Eurosurveillance</i> , 2019, 24, .	7.0	43

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37	Comparison of single-nucleotide variants identified by Illumina and Oxford Nanopore technologies in the context of a potential outbreak of Shiga toxin-producing <i>Escherichia coli</i> . <i>GigaScience</i> , 2019, 8, .	6.4	42
38	Distribution of <i>espl</i> among clinical enterohaemorrhagic and enteropathogenic <i>Escherichia coli</i> isolates. <i>Journal of Medical Microbiology</i> , 2004, 53, 1145-1149.	1.8	41
39	Comparison of phenotypic and WGS-derived antimicrobial resistance profiles of enteroaggregative <i>Escherichia coli</i> isolated from cases of diarrhoeal disease in England, 2015-16. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 3288-3297.	3.0	38
40	An assessment of the microbiological quality and safety of raw drinking milk on retail sale in England. <i>Journal of Applied Microbiology</i> , 2018, 124, 535-546.	3.1	37
41	The utility and public health implications of PCR and whole genome sequencing for the detection and investigation of an outbreak of Shiga toxin-producing <i>Escherichia coli</i> serogroup O26:H11. <i>Epidemiology and Infection</i> , 2015, 143, 1672-1680.	2.1	34
42	Association between Shiga Toxin-producing <i>Escherichia coli</i> O157:H7 Gene Subtype and Disease Severity, England, 2009-2019. <i>Emerging Infectious Diseases</i> , 2020, 26, 2394-2400.	4.3	34
43	Identification of verocytotoxin-producing <i>Escherichia coli</i> O117:H7 in men who have sex with men, England, November 2013 to August 2014. <i>Eurosurveillance</i> , 2014, 19, .	7.0	33
44	<i>Escherichia coli</i> serogroup O26 ? a new look at an old adversary. <i>Journal of Applied Microbiology</i> , 2007, 104, 070717025310002-???	3.1	32
45	Highly Pathogenic Clone of Shiga Toxin-producing <i>Escherichia coli</i> O157:H7, England and Wales. <i>Emerging Infectious Diseases</i> , 2018, 24, 2303-2308.	4.3	32
46	A paradigm for the molecular identification of <i>Mycobacterium</i> species in a routine diagnostic laboratory. <i>Journal of Medical Microbiology</i> , 2007, 56, 598-602.	1.8	31
47	Outbreak of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 linked to raw drinking milk resolved by rapid application of advanced pathogen characterisation methods, England, August to October 2017. <i>Eurosurveillance</i> , 2019, 24, .	7.0	30
48	Whole-Genome Sequencing for National Surveillance of <i>Shigella flexneri</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1700.	3.5	29
49	Association of putative pathogenicity genes with adherence characteristics and fimbrial genotypes in typical enteroaggregative <i>Escherichia coli</i> from patients with and without diarrhoea in the United Kingdom. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2007, 26, 901-906.	2.9	28
50	Farm-to-fork investigation of an outbreak of Shiga toxin-producing <i>Escherichia coli</i> O157. <i>Microbial Genomics</i> , 2018, 4, .	2.0	27
51	Outbreak of Shiga toxin-producing <i>E. coli</i> O157 associated with consumption of watercress, United Kingdom, August to September 2013. <i>Eurosurveillance</i> , 2013, 18, .	7.0	26
52	Evaluation of Whole-Genome Sequencing for Identification and Typing of <i>Vibrio cholerae</i> . <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	25
53	Comparison of Shiga toxin-encoding bacteriophages in highly pathogenic strains of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 in the UK. <i>Microbial Genomics</i> , 2020, 6, .	2.0	25
54	Evolutionary Context of Non-Sorbitol-Fermenting Shiga Toxin-producing <i>Escherichia coli</i> O55:H7. <i>Emerging Infectious Diseases</i> , 2017, 23, 1966-1973.	4.3	24

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55	Investigation of a national outbreak of STEC <i>Escherichia coli</i> O157 using online consumer panel control methods: Great Britain, October 2014. <i>Epidemiology and Infection</i> , 2017, 145, 864-871.	2.1	23
56	An outbreak of Shiga toxin-producing <i>Escherichia coli</i> serogroup O157 linked to a lamb-feeding event. <i>Epidemiology and Infection</i> , 2016, 144, 2494-2500.	2.1	21
57	Recurrent seasonal outbreak of an emerging serotype of Shiga toxin-producing <i>Escherichia coli</i> (STEC) Tj ETQq1 1 O, 784314, rgBT /Ov	7.0	21
58	Serotypes, intimin subtypes, and antimicrobial resistance patterns of atypical enteropathogenic <i>Escherichia coli</i> isolated in England from 1993 to 1996. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2006, 25, 19-24.	2.9	20
59	Whole Genome Sequencing of an Unusual Serotype of Shiga Toxin-producing <i>Escherichia coli</i> . <i>Emerging Infectious Diseases</i> , 2013, 19, 1302-1304.	4.3	20
60	Epidemiological and Microbiological Investigation of an Outbreak of Severe Disease from Shiga Toxin-producing <i>Escherichia coli</i> O157 Infection Associated with Consumption of a Slaw Garnish. <i>Journal of Food Protection</i> , 2016, 79, 1161-1168.	1.7	20
61	The emerging importance of Shiga toxin-producing <i>Escherichia coli</i> other than serogroup O157 in England. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	20
62	Identification and typing of <i>Yersinia enterocolitica</i> and <i>Yersinia pseudotuberculosis</i> isolated from human clinical specimens in England between 2004 and 2018. <i>Journal of Medical Microbiology</i> , 2019, 68, 538-548.	1.8	20
63	Evaluation of chromogenic selective agar (CHROMagar STEC) for the direct detection of Shiga toxin-producing <i>Escherichia coli</i> from faecal specimens. <i>Journal of Medical Microbiology</i> , 2020, 69, 487-491.	1.8	20
64	Evidence for re-infection and persistent carriage of <i>Shigella</i> species in adult males reporting domestically acquired infection in England. <i>Clinical Microbiology and Infection</i> , 2021, 27, 126.e7-126.e13.	6.0	18
65	Enhanced heterogeneity of <i>rpoB</i> in <i>Mycobacterium tuberculosis</i> found at low pH. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 1118-1120.	3.0	16
66	Use of whole-genome sequencing to identify clusters of <i>Shigella flexneri</i> associated with sexual transmission in men who have sex with men in England: a validation study using linked behavioural data. <i>Microbial Genomics</i> , 2019, 5, .	2.0	16
67	A spatial and temporal analysis of risk factors associated with sporadic Shiga toxin-producing <i>Escherichia coli</i> O157 infection in England between 2009 and 2015. <i>Epidemiology and Infection</i> , 2018, 146, 1928-1939.	2.1	15
68	The epidemiology of Shiga toxin-producing <i>Escherichia coli</i> infections in the South East of England: November 2013–March 2017 and significance for clinical and public health. <i>Journal of Medical Microbiology</i> , 2019, 68, 930-939.	1.8	15
69	Shiga toxin-producing <i>Escherichia coli</i> haemolytic uraemic syndrome (STEC-HUS): diagnosis, surveillance and public-health management in England. <i>Journal of Medical Microbiology</i> , 2020, 69, 1034-1036.	1.8	15
70	Phylogenetic structure of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 from sub-lineage to SNPs. <i>Microbial Genomics</i> , 2021, 7, .	2.0	14
71	First use of whole-genome sequencing to investigate a cluster of <i>Yersinia enterocolitica</i> , Liverpool, United Kingdom, 2017. <i>Journal of Medical Microbiology</i> , 2018, 67, 1747-1752.	1.8	14
72	Antimicrobial resistance in Shiga toxin-producing <i>Escherichia coli</i> other than serotype O157:H7 in England, 2014–2016. <i>Journal of Medical Microbiology</i> , 2020, 69, 379-386.	1.8	14

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73	Emergence of novel strains of <i>Shigella flexneri</i> associated with sexual transmission in adult men in England, 2019–2020. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	14
74	Antimicrobial resistance profiles of diarrhoeagenic <i>Escherichia coli</i> isolated from travellers returning to the UK, 2015–2017. <i>Journal of Medical Microbiology</i> , 2020, 69, 932-943.	1.8	13
75	The epidemiology of Shiga toxin-producing <i>Escherichia coli</i> serogroup O157 in England, 2009–2019. <i>Epidemiology and Infection</i> , 2022, 150, e52.	2.1	13
76	Investigation into a national outbreak of STEC O157:H7 associated with frozen beef burgers, UK, 2017. <i>Epidemiology and Infection</i> , 2020, 148, e215.	2.1	12
77	Rifampicin resistance in tuberculosis outbreak, London, England. <i>Emerging Infectious Diseases</i> , 2005, 11, 931-4.	4.3	12
78	Large outbreak of multiple gastrointestinal pathogens associated with fresh curry leaves in North East England, 2013. <i>Epidemiology and Infection</i> , 2018, 146, 1940-1947.	2.1	10
79	<i>Yersinia canariae</i> sp. nov., isolated from a human yersiniosis case. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2382-2387.	1.7	10
80	Introduction of PCR testing reveals a previously unrecognized burden of yersiniosis in Hampshire, UK. <i>Journal of Medical Microbiology</i> , 2020, 69, 419-426.	1.8	10
81	Epidemiology and genomic analysis of Shiga toxin-producing <i>Escherichia coli</i> clonal complex 165 in the UK. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	10
82	Analysis of a small outbreak of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 using long-read sequencing. <i>Microbial Genomics</i> , 2021, 7, .	2.0	9
83	Gastrointestinal infections caused by consumption of raw drinking milk in England & Wales, 1992–2017. <i>Epidemiology and Infection</i> , 2019, 147, e281.	2.1	8
84	Outbreak of Shiga toxin-producing <i>Escherichia coli</i> O157 linked with consumption of a fast-food product containing imported cucumbers, United Kingdom, August 2020. <i>International Journal of Infectious Diseases</i> , 2021, 110, S62-S68.	3.3	8
85	Influence of socio-economic status on Shiga toxin-producing <i>Escherichia coli</i> (STEC) infection incidence, risk factors and clinical features. <i>Epidemiology and Infection</i> , 2019, 147, e215.	2.1	7
86	Identification of domestic reservoirs and common exposures in an emerging lineage of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 in England: a genomic epidemiological analysis. <i>Lancet Microbe</i> , The, 2022, 3, e606-e615.	7.3	7
87	An outbreak of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 linked to a mud-based obstacle course, England, August 2018. <i>Zoonoses and Public Health</i> , 2020, 67, 467-473.	2.2	6
88	Epidemiological investigation of recurrent outbreaks of haemolytic uraemic syndrome caused by Shiga toxin-producing <i>Escherichia coli</i> serotype O55:H7 in England, 2014–2018. <i>Epidemiology and Infection</i> , 2021, 149, e108.	2.1	6
89	A cluster of Shiga Toxin-producing <i>Escherichia coli</i> O157:H7 highlights raw pet food as an emerging potential source of infection in humans. <i>Epidemiology and Infection</i> , 2021, 149, e124.	2.1	6
90	Epidemiological investigations identified an outbreak of Shiga toxin-producing <i>Escherichia coli</i> serotype O26:H11 associated with pre-packed sandwiches. <i>Epidemiology and Infection</i> , 2021, 149, e178.	2.1	6

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91	Utility of whole-genome sequencing during an investigation of multiple foodborne outbreaks of <i>Shigella sonnei</i> . <i>Epidemiology and Infection</i> , 2021, 149, e71.	2.1	6
92	Outbreak of STEC O157:H7 linked to a milk pasteurisation failure at a dairy farm in England, 2019. <i>Epidemiology and Infection</i> , 2022, 150, 1-22.	2.1	6
93	Analysis Shiga Toxin-Encoding Bacteriophage in a Rare Strain of Shiga Toxin-Producing <i>Escherichia coli</i> O157:H7 stx2a/stx2c. <i>Frontiers in Microbiology</i> , 2020, 11, 577658.	3.5	5
94	Phylogenetic context of Shiga toxin-producing <i>Escherichia coli</i> serotype O26:H11 in England. <i>Microbial Genomics</i> , 2021, 7, .	2.0	5
95	Use of Nanopore Sequencing to Characterise the Genomic Architecture of Mobile Genetic Elements Encoding blaCTX-M-15 in <i>Escherichia coli</i> Causing Travellers' Diarrhoea. <i>Frontiers in Microbiology</i> , 2022, 13, 862234.	3.5	4
96	Application of kernel smoothing to estimate the spatio-temporal variation in risk of STEC O157 in England. <i>Spatial and Spatio-temporal Epidemiology</i> , 2020, 32, 100305.	1.7	3
97	Shiga toxin-producing <i>Escherichia coli</i> diagnosed by Stx PCR: assessing the public health risk of non-O157 strains. <i>European Journal of Public Health</i> , 2021, 31, 576-582.	0.3	3
98	Evidence of on-going transmission of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 following a foodborne outbreak. <i>Epidemiology and Infection</i> , 2021, 149, e147.	2.1	3
99	<i>Escherichia coli</i> and <i>Shigella</i> spp., 0, , 347-365.		3
100	A Shiga Toxin-Encoding Prophage Recombination Event Confounds the Phylogenetic Relationship Between Two Isolates of <i>Escherichia coli</i> O157:H7 From the Same Patient. <i>Frontiers in Microbiology</i> , 2020, 11, 588769.	3.5	3
101	<i>Salmonella</i> spp., 2006, , 367-376.		1
102	Comparison of genome-derived and phenotypic antimicrobial resistance profiles of <i>Shigella</i> species isolated from patients with symptoms of gastrointestinal disease in England, 2015-2020. <i>Access Microbiology</i> , 2022, 4, .	0.5	0
103	Use of long read sequencing to characterise the genomic architecture of mobile genetic elements encoding blaCTX-M-15 in <i>Escherichia coli</i> causing travellers' diarrhoea. <i>Access Microbiology</i> , 2022, 4, .	0.5	0