

Catherine E Ludden

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

750
citations

567281

15
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	One Health Genomic Surveillance of <i>Escherichia coli</i> Demonstrates Distinct Lineages and Mobile Genetic Elements in Isolates from Humans versus Livestock. <i>MBio</i> , 2019, 10, .	4.1	130
2	Genomic Surveillance of <i>Enterococcus faecium</i> Reveals Limited Sharing of Strains and Resistance Genes between Livestock and Humans in the United Kingdom. <i>MBio</i> , 2018, 9, .	4.1	63
3	Colonisation with ESBL-producing and carbapenemase-producing <i>Enterobacteriaceae</i> , vancomycin-resistant enterococci, and methicillin-resistant <i>Staphylococcus aureus</i> in a long-term care facility over one year. <i>BMC Infectious Diseases</i> , 2015, 15, 168.	2.9	54
4	Quantifying acquisition and transmission of <i>Enterococcus faecium</i> using genomic surveillance. <i>Nature Microbiology</i> , 2021, 6, 103-111.	13.3	53
5	Production of KPC-2 Carbapenemase by an <i>Escherichia coli</i> Clinical Isolate Belonging to the International ST131 Clone. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4935-4936.	3.2	51
6	A One Health Study of the Genetic Relatedness of <i>Klebsiella pneumoniae</i> and Their Mobile Elements in the East of England. <i>Clinical Infectious Diseases</i> , 2020, 70, 219-226.	5.8	46
7	Detection of vancomycin-resistant <i>Enterococcus faecium</i> hospital-adapted lineages in municipal wastewater treatment plants indicates widespread distribution and release into the environment. <i>Genome Research</i> , 2019, 29, 626-634.	5.5	40
8	Defining nosocomial transmission of <i>Escherichia coli</i> and antimicrobial resistance genes: a genomic surveillance study. <i>Lancet Microbe</i> , The, 2021, 2, e472-e480.	7.3	39
9	Sharing of carbapenemase-encoding plasmids between <i>Enterobacteriaceae</i> in UK sewage uncovered by MinION sequencing. <i>Microbial Genomics</i> , 2017, 3, e000114.	2.0	33
10	Genomic surveillance of <i>Escherichia coli</i> ST131 identifies local expansion and serial replacement of subclones. <i>Microbial Genomics</i> , 2020, 6, .	2.0	33
11	Detection of OXA-48 Carbapenemase in the Pandemic Clone <i>Escherichia coli</i> O25b:H4-ST131 in the Course of Investigation of an Outbreak of OXA-48-Producing <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4030-4031.	3.2	32
12	Transmission of methicillin-resistant <i>Staphylococcus aureus</i> in long-term care facilities and their related healthcare networks. <i>Genome Medicine</i> , 2016, 8, 102.	8.2	30
13	Genomic surveillance of <i>Escherichia coli</i> in municipal wastewater treatment plants as an indicator of clinically relevant pathogens and their resistance genes. <i>Microbial Genomics</i> , 2019, 5, .	2.0	29
14	Within-host evolution of <i>Enterococcus faecium</i> during longitudinal carriage and transition to bloodstream infection in immunocompromised patients. <i>Genome Medicine</i> , 2017, 9, 119.	8.2	26
15	Dissemination of clonally related multidrug-resistant <i>Klebsiella pneumoniae</i> in Ireland. <i>Epidemiology and Infection</i> , 2016, 144, 443-448.	2.1	16
16	Rapid environmental contamination of a new nursing home with antimicrobial-resistant organisms preceding occupation by residents. <i>Journal of Hospital Infection</i> , 2013, 83, 327-329.	2.9	9
17	A novel therapeutic antibody screening method using bacterial high-content imaging reveals functional antibody binding phenotypes of <i>Escherichia coli</i> ST131. <i>Scientific Reports</i> , 2020, 10, 12414.	3.3	9
18	Characterization of methicillin-resistant <i>Staphylococcus aureus</i> from residents and the environment in a long-term care facility. <i>Epidemiology and Infection</i> , 2015, 143, 2985-2988.	2.1	7

#	ARTICLE	IF	CITATIONS
19	Characterising the persistence of RT-PCR positivity and incidence in a community survey of SARS-CoV-2. Wellcome Open Research, 0, 7, 102.	1.8	7