

Matthew J Ellington

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,732
citations

361413

20
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

5244
citing authors

#	ARTICLE	IF	CITATIONS
1	NDM-1 carbapenemase resistance gene vehicles emergent on distinct plasmid backbones from the IncL/M family. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 620-624.	3.0	6
2	Emergence of methicillin resistance predates the clinical use of antibiotics. <i>Nature</i> , 2022, 602, 135-141.	27.8	138
3	Bacterial genotypic and patient risk factors for adverse outcomes in <i>Escherichia coli</i> bloodstream infections: a prospective molecular epidemiological study. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1753-1761.	3.0	5
4	Detection of the transferable tigecycline resistance gene <i>tet(X4)</i> in <i>Escherichia coli</i> from pigs in the United Kingdom. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 846-848.	3.0	11
5	Diversity of carbapenemase-producing Enterobacterales in England as revealed by whole-genome sequencing of isolates referred to a national reference laboratory over a 30-month period. <i>Journal of Medical Microbiology</i> , 2022, 71, .	1.8	10
6	Nitrofurantoin-resistant <i>Escherichia coli</i> in the UK: genetic determinants, diversity, and undetected occurrences. <i>Access Microbiology</i> , 2022, 4, .	0.5	0
7	Activity of β -lactam/taniborbactam (VNRX-5133) combinations against carbapenem-resistant Gram-negative bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 160-170.	3.0	29
8	Alterations in chromosomal genes <i>nfsA</i> , <i>nfsB</i> , and <i>ribE</i> are associated with nitrofurantoin resistance in <i>Escherichia coli</i> from the United Kingdom. <i>Microbial Genomics</i> , 2021, 7, .	2.0	9
9	A Multispecies Cluster of GES-5 Carbapenemase-Producing Enterobacterales Linked by a Geographically Disseminated Plasmid. <i>Clinical Infectious Diseases</i> , 2020, 71, 2553-2560.	5.8	29
10	Discordant bioinformatic predictions of antimicrobial resistance from whole-genome sequencing data of bacterial isolates: an inter-laboratory study. <i>Microbial Genomics</i> , 2020, 6, .	2.0	69
11	Sampling and diversity of <i>Escherichia coli</i> from the enteric microbiota in patients with <i>Escherichia coli</i> bacteraemia. <i>BMC Research Notes</i> , 2019, 12, 335.	1.4	4
12	Contrasting patterns of longitudinal population dynamics and antimicrobial resistance mechanisms in two priority bacterial pathogens over 7 years in a single center. <i>Genome Biology</i> , 2019, 20, 184.	8.8	22
13	Characterization of Carbapenemase-Producing Enterobacteriaceae from Patients in Amman, Jordan. <i>Microbial Drug Resistance</i> , 2018, 24, 1121-1127.	2.0	13
14	Prevalence of carbapenem resistance and carbapenemase production among Enterobacteriaceae isolated from urine in the UK: results of the UK infection-Carbapenem Resistance Evaluation Surveillance Trial (iCREST-UK). <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 698-702.	3.0	15
15	Global Scale Dissemination of ST93: A Divergent <i>Staphylococcus aureus</i> Epidemic Lineage That Has Recently Emerged From Remote Northern Australia. <i>Frontiers in Microbiology</i> , 2018, 9, 1453.	3.5	29
16	Emergence and clonal spread of colistin resistance due to multiple mutational mechanisms in carbapenemase-producing <i>Klebsiella pneumoniae</i> in London. <i>Scientific Reports</i> , 2017, 7, 12711.	3.3	55
17	Molecular epidemiology of <i>Klebsiella pneumoniae</i> invasive infections over a decade at Kilifi County Hospital in Kenya. <i>International Journal of Medical Microbiology</i> , 2017, 307, 422-429.	3.6	61
18	Plasmid Classification in an Era of Whole-Genome Sequencing: Application in Studies of Antibiotic Resistance Epidemiology. <i>Frontiers in Microbiology</i> , 2017, 8, 182.	3.5	191

#	ARTICLE	IF	CITATIONS
19	The diversity of <i>Klebsiella pneumoniae</i> surface polysaccharides. <i>Microbial Genomics</i> , 2016, 2, e000073.	2.0	185
20	Detection of the plasmid-mediated <i>mcr-1</i> gene conferring colistin resistance in human and food isolates of <i>Salmonella enterica</i> and <i>Escherichia coli</i> in England and Wales. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2300-2305.	3.0	247
21	What's in a Name? Species-Wide Whole-Genome Sequencing Resolves Invasive and Noninvasive Lineages of <i>Salmonella enterica</i> Serotype Paratyphi B. <i>MBio</i> , 2016, 7, .	4.1	29
22	The differential importance of mutations within AmpD in cephalosporin resistance of <i>Enterobacter aerogenes</i> and <i>Enterobacter cloacae</i> . <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 555-558.	2.5	15
23	Association of Novel Nonsynonymous Single Nucleotide Polymorphisms in <i>ampD</i> with Cephalosporin Resistance and Phylogenetic Variations in <i>ampC</i> , <i>ampR</i> , <i>ompF</i> , and <i>ompC</i> in <i>Enterobacter cloacae</i> Isolates That Are Highly Resistant to Carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> . 2016. 60. 2383-2390.	3.2	47
24	Multicentre evaluation of a real-time PCR assay to detect genes encoding clinically relevant carbapenemases in cultured bacteria. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 151-154.	2.5	39
25	Emergent and evolving antimicrobial resistance cassettes in community-associated fusidic acid and methicillin-resistant <i>Staphylococcus aureus</i> . <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 477-484.	2.5	39
26	A survey of metallo- β -lactamase sequence accuracy before the data deluge. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 3431-3435.	3.0	1
27	Rapid Bacterial Whole-Genome Sequencing to Enhance Diagnostic and Public Health Microbiology. <i>JAMA Internal Medicine</i> , 2013, 173, 1397.	5.1	181
28	Routine Use of Microbial Whole Genome Sequencing in Diagnostic and Public Health Microbiology. <i>PLoS Pathogens</i> , 2012, 8, e1002824.	4.7	450
29	Rapid Whole-Genome Sequencing for Investigation of a Neonatal MRSA Outbreak. <i>New England Journal of Medicine</i> , 2012, 366, 2267-2275.	27.0	609
30	Molecular mechanisms disrupting porin expression in ertapenem-resistant <i>Klebsiella</i> and <i>Enterobacter</i> spp. clinical isolates from the UK. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 659-667.	3.0	390
31	Complete Nucleotide Sequences of Plasmids pEK204, pEK499, and pEK516, Encoding CTX-M Enzymes in Three Major <i>Escherichia coli</i> Lineages from the United Kingdom, All Belonging to the International O25:H4-ST131 Clone. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4472-4482.	3.2	256
32	Multiplex PCR for rapid detection of genes encoding CTX-M extended-spectrum β -lactamases. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 154-155.	3.0	546