

Brian Johnston

List of Publications by Year in descending order

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46
papers

2,197
citations

361413

20
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

2218
citing authors

#	ARTICLE	IF	CITATIONS
1	The Epidemic of Extended-Spectrum-β-Lactamase-Producing <i>Escherichia coli</i> ST131 Is Driven by a Single Highly Pathogenic Subclone, <i>H30-Rx</i> . <i>MBio</i> , 2013, 4, e00377-13.	4.1	380
2	Epidemic Clonal Groups of <i>Escherichia coli</i> as a Cause of Antimicrobial-Resistant Urinary Tract Infections in Canada, 2002 to 2004. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2733-2739.	3.2	249
3	Abrupt Emergence of a Single Dominant Multidrug-Resistant Strain of <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2013, 207, 919-928.	4.0	247
4	<i>In Silico</i> Genotyping of <i>Escherichia coli</i> Isolates for Extraintestinal Virulence Genes by Use of Whole-Genome Sequencing Data. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	179
5	<i>Escherichia coli</i> Sequence Type 131 (ST131) Subclone H30 as an Emergent Multidrug-Resistant Pathogen Among US Veterans. <i>Clinical Infectious Diseases</i> , 2013, 57, 1256-1265.	5.8	167
6	Host Characteristics and Bacterial Traits Predict Experimental Virulence for <i>Escherichia coli</i> Bloodstream Isolates From Patients With Urosepsis. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv083.	0.9	100
7	Enteraggregative <i>Escherichia coli</i> O78:H10, the Cause of an Outbreak of Urinary Tract Infection. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3703-3711.	3.9	77
8	Four Main Virotypes among Extended-Spectrum-β-Lactamase-Producing Isolates of <i>Escherichia coli</i> O25b:H4-B2-ST131: Bacterial, Epidemiological, and Clinical Characteristics. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3358-3367.	3.9	76
9	Intensity and Mechanisms of Fluoroquinolone Resistance within the <i>H30</i> and <i>H30-Rx</i> Subclones of <i>Escherichia coli</i> Sequence Type 131 Compared with Other Fluoroquinolone-Resistant <i>E. coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4471-4480.	3.2	68
10	Household Clustering of <i>Escherichia coli</i> Sequence Type 131 Clinical and Fecal Isolates According to Whole Genome Sequence Analysis. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw129.	0.9	62
11	Gut Colonization of Healthy Children and Their Mothers With Pathogenic Ciprofloxacin-Resistant <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2015, 212, 1862-1868.	4.0	60
12	Rapid Emergence, Subsidence, and Molecular Detection of <i>Escherichia coli</i> Sequence Type 1193- <i>fimH64</i> , a New Disseminated Multidrug-Resistant Commensal and Extraintestinal Pathogen. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	56
13	Clinical and Microbiological Determinants of Infection After Transrectal Prostate Biopsy. <i>Clinical Infectious Diseases</i> , 2015, 60, 979-987.	5.8	49
14	Temporal Trends in Antimicrobial Resistance and Virulence-Associated Traits within the <i>Escherichia coli</i> Sequence Type 131 Clonal Group and Its <i>H30</i> and <i>H30-Rx</i> Subclones, 1968 to 2012. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6886-6895.	3.2	45
15	Accessory Traits and Phylogenetic Background Predict <i>Escherichia coli</i> Extraintestinal Virulence Better Than Does Ecological Source. <i>Journal of Infectious Diseases</i> , 2019, 219, 121-132.	4.0	38
16	Rapid and Specific Detection of the <i>Escherichia coli</i> Sequence Type 648 Complex within Phylogroup F. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1116-1121.	3.9	35
17	Environmental Contamination in Households of Patients with Recurrent <i>Clostridium difficile</i> Infection. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2686-2692.	3.1	33
18	Fine-Scale Structure Analysis Shows Epidemic Patterns of Clonal Complex 95, a Cosmopolitan <i>Escherichia coli</i> Lineage Responsible for Extraintestinal Infection. <i>MSphere</i> , 2017, 2, .	2.9	32

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19	Survey of US wastewater for carbapenem-resistant <i>Enterobacteriaceae</i> . <i>Journal of Water and Health</i> , 2019, 17, 219-226.	2.6	32
20	Activity of Cefiderocol, Ceftazidime-Avibactam, and Eravacycline against Carbapenem-Resistant <i>Escherichia coli</i> Isolates from the United States and International Sites in Relation to Clonal Background, Resistance Genes, Coresistance, and Region. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	24
21	Clonal distribution and associated characteristics of <i>Escherichia coli</i> clinical and surveillance isolates from a military medical center. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 87, 382-385.	1.8	20
22	Colonization with <i>Escherichia coli</i> Strains among Female Sex Partners of Men with Febrile Urinary Tract Infection. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1947-1950.	3.9	16
23	Molecularly defined extraintestinal pathogenic <i>Escherichia coli</i> status predicts virulence in a murine sepsis model better than does virotype, individual virulence genes, or clonal subset among <i>E. coli</i> ST131 isolates. <i>Virulence</i> , 2020, 11, 327-336.	4.4	15
24	Global molecular epidemiology of carbapenem-resistant <i>Escherichia coli</i> (2002–2017). <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, , 1.	2.9	14
25	Bacteriophage Cocktail and Microcin-Producing Probiotic <i>Escherichia coli</i> Protect Mice Against Gut Colonization With Multidrug-Resistant <i>Escherichia coli</i> Sequence Type 131. <i>Frontiers in Microbiology</i> , 2022, 13, 887799.	3.5	14
26	Phylogenetic Backgrounds and Virulence-Associated Traits of <i>Escherichia coli</i> Isolates from Surface Waters and Diverse Animals in Minnesota and Wisconsin. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	13
27	Activity of Imipenem-Relebactam against Carbapenem-Resistant <i>Escherichia coli</i> Isolates from the United States in Relation to Clonal Background, Resistance Genes, Coresistance, and Region. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	13
28	Evaluation of CTX-M steady-state mRNA, mRNA half-life and protein production in various STs of <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 607-616.	3.0	11
29	Activity of Eravacycline against <i>Escherichia coli</i> Clinical Isolates Collected from U.S. Veterans in 2011 in Relation to Coresistance Phenotype and Sequence Type 131 Genotype. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1888-1891.	3.2	10
30	<i>Escherichia coli</i> Sequence Type 131 <i>H30</i> Is the Main Driver of Emerging Extended-Spectrum-β-Lactamase-Producing <i>E. coli</i> at a Tertiary Care Center. <i>MSphere</i> , 2016, 1, .	2.9	9
31	Intestinal Persistence of Colonizing <i>Escherichia coli</i> Strains, Especially ST131- <i>H30</i> , in Relation to Bacterial and Host Factors. <i>Journal of Infectious Diseases</i> , 2022, 225, 2197-2207.	4.0	9
32	Clinical and Molecular Epidemiology of <i>Escherichia coli</i> Sequence Type 131 among Hospitalized Patients Colonized Intestinally with Fluoroquinolone-Resistant <i>E. coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7003-7006.	3.2	8
33	Epidemiology and characteristics of <i>Escherichia coli</i> sequence type 131 (ST131) from long-term care facility residents colonized intestinally with fluoroquinolone-resistant <i>Escherichia coli</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 87, 275-280.	1.8	8
34	Virulence genes and subclone status as markers of experimental virulence in a murine sepsis model among <i>Escherichia coli</i> sequence type 131 clinical isolates from Spain. <i>PLoS ONE</i> , 2017, 12, e0188838.	2.5	7
35	Activity of plazomicin against carbapenem-intermediate or -resistant <i>Escherichia coli</i> isolates from the United States and international sites in relation to clonal background, resistance genes, co-resistance, and region. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2061-2070.	3.0	5
36	Activity of cefiderocol, ceftazidime-avibactam, and eravacycline against extended-spectrum cephalosporin-resistant <i>Escherichia coli</i> clinical isolates (2012–2017) in relation to phylogenetic background, sequence type 131 subclones, blaCTX-M genotype, and coresistance. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115314.	1.8	4

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37	Activity of ceftolozane-tazobactam against <i>Escherichia coli</i> isolates from U.S. veterans (2011) in relation to co-resistance and sequence type 131 (ST131) H30 and H30Rx status. <i>PLoS ONE</i> , 2018, 13, e0200442.	2.5	2
38	Activity of ceftazidime-avibactam against <i>Escherichia coli</i> isolates from U.S. veterans (2011) in relation to co-resistance and sequence type 131 (ST131) H30 and H30Rx status. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 97, 115034.	1.8	2
39	Comparative activity of plazomicin against extended-spectrum cephalosporin-resistant <i>Escherichia coli</i> clinical isolates (2012–2017) in relation to phylogenetic background, sequence type 131 subclones, blaCTX-M genotype, and resistance to comparator agents. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 2069-2075.	2.9	2
40	Core Genome Multi-Locus Sequence Typing and Prediction of Antimicrobial Susceptibility Using Whole Genome Sequences of <i>Escherichia coli</i> Bloodstream Infection Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0113921.	3.2	2
41	Draft genome sequences of concurrent <i>Escherichia coli</i> blood and fecal isolates from a patient with bacteremia and diarrhea belie BioFire-based detection of fecal enteropathogenic <i>E. coli</i> . <i>Pathogens and Disease</i> , 2020, 78, .	2.0	1
42	Complete Genome Sequence of <i>Escherichia coli</i> Strain FEX669, a ColV Plasmid-Containing Isolate from Retail Chicken Meat. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	1
43	Molecular Characteristics, Ecology, and Zoonotic Potential of <i>Escherichia coli</i> Strains That Cause Hemorrhagic Pneumonia in Animals. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0147121.	3.1	1
44	Prevalence and characteristics of multidrug-resistant <i>Escherichia coli</i> sequence type ST131 at two academic centers in Boston and Minneapolis, USA. <i>American Journal of Infection Control</i> , 2023, 51, 434-439.	2.3	1
45	1438. <i>Escherichia coli</i> (EC) ST131-H30 Clonal Group is Associated with Antimicrobial Resistance, Illness Severity, Host Compromise, and Non-Cure among Patients with Bacteriuria. <i>Open Forum Infectious Diseases</i> , 2019, 6, S525-S525.	0.9	0
46	Draft Genome Sequences of Sixteen Fluoroquinolone-Resistant Extraintestinal <i>Escherichia coli</i> Isolates from Human Patients. <i>Microbiology Resource Announcements</i> , 2022, , e0000322.	0.6	0