

# Johann D D Pitout

## List of Publications by Year in descending order

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73  
papers

8,908  
citations

66234

42  
h-index

82410

72  
g-index

113  
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113  
docs citations

113  
times ranked

8421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extended-spectrum $\hat{2}$ -lactamase-producing Enterobacteriaceae: an emerging public-health concern. <i>Lancet Infectious Diseases</i> , The, 2008, 8, 159-166.	4.6	1,756
2	Carbapenemase-Producing <i>Klebsiella pneumoniae</i> , a Key Pathogen Set for Global Nosocomial Dominance. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5873-5884.	1.4	659
3	The Role of Epidemic Resistance Plasmids and International High-Risk Clones in the Spread of Multidrug-Resistant Enterobacteriaceae. <i>Clinical Microbiology Reviews</i> , 2015, 28, 565-591.	5.7	654
4	Global dissemination of a multidrug resistant <i>Escherichia coli</i> clone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5694-5699.	3.3	498
5	Global Extraintestinal Pathogenic <i>Escherichia coli</i> (ExPEC) Lineages. <i>Clinical Microbiology Reviews</i> , 2019, 32, .	5.7	346
6	Extraintestinal Pathogenic <i>Escherichia coli</i> : A Combination of Virulence with Antibiotic Resistance. <i>Frontiers in Microbiology</i> , 2012, 3, 9.	1.5	343
7	Laboratory Detection of Enterobacteriaceae That Produce Carbapenemases. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3877-3880.	1.8	281
8	Phenotypic and Molecular Detection of CTX-M- $\hat{2}$ -Lactamases Produced by <i>Escherichia coli</i> and <i>Klebsiella</i> spp. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5715-5721.	1.8	262
9	The Global Ascendency of OXA-48-Type Carbapenemases. <i>Clinical Microbiology Reviews</i> , 2019, 33, .	5.7	260
10	Extended-Spectrum $\hat{2}$ -Lactamase-Producing Enterobacteriaceae: Update on Molecular Epidemiology and Treatment Options. <i>Drugs</i> , 2019, 79, 1529-1541.	4.9	208
11	Population-Based Laboratory Surveillance for <i>Escherichia coli</i> -Producing Extended-Spectrum $\hat{A}$ -Lactamases: Importance of Community Isolates with blaCTX-M Genes. <i>Clinical Infectious Diseases</i> , 2004, 38, 1736-1741.	2.9	173
12	<i>Escherichia coli</i> ST131: a multidrug-resistant clone primed for global domination. <i>F1000Research</i> , 2017, 6, 195.	0.8	170
13	Surveillance and Molecular Epidemiology of <i>Klebsiella pneumoniae</i> Isolates That Produce Carbapenemases: First Report of OXA-48-Like Enzymes in North America. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 130-136.	1.4	162
14	Molecular Epidemiology over an 11-Year Period (2000 to 2010) of Extended-Spectrum $\hat{2}$ -Lactamase-Producing <i>Escherichia coli</i> Causing Bacteremia in a Centralized Canadian Region. <i>Journal of Clinical Microbiology</i> , 2012, 50, 294-299.	1.8	146
15	Global <i>Escherichia coli</i> Sequence Type 131 Clade with blaCTX-M-27 Gene. <i>Emerging Infectious Diseases</i> , 2016, 22, 1900-1907.	2.0	146
16	Emerging Antimicrobial-Resistant High-Risk <i>Klebsiella pneumoniae</i> Clones ST307 and ST147. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	146
17	A Multinational, Preregistered Cohort Study of $\hat{2}$ -Lactam/ $\hat{2}$ -Lactamase Inhibitor Combinations for Treatment of Bloodstream Infections Due to Extended-Spectrum- $\hat{2}$ -Lactamase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4159-4169.	1.4	137
18	Extraintestinal pathogenic <i>Escherichia coli</i> : an update on antimicrobial resistance, laboratory diagnosis and treatment. <i>Expert Review of Anti-Infective Therapy</i> , 2012, 10, 1165-1176.	2.0	133

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19	Escherichia coli ST131: The Quintessential Example of an International Multiresistant High-Risk Clone. <i>Advances in Applied Microbiology</i> , 2015, 90, 109-154.	1.3	114
20	Molecular Epidemiology of CTX-M-Producing Escherichia coli in the Calgary Health Region: Emergence of CTX-M-15-Producing Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1281-1286.	1.4	109
21	Genomic Epidemiology of Global Carbapenemase-Producing <i>Enterobacter</i> spp., 2008–2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1010-1019.	2.0	107
22	Association between Handling of Pet Treats and Infection with Salmonella enterica Serotype Newport Expressing the AmpC $\beta$ -Lactamase, CMY-2. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4578-4582.	1.8	100
23	Extended-spectrum $\beta$ -lactamase, carbapenemase and AmpC producing Enterobacteriaceae in companion animals. <i>Veterinary Microbiology</i> , 2014, 170, 10-18.	0.8	96
24	Multiresistant Enterobacteriaceae: new threat of an old problem. <i>Expert Review of Anti-Infective Therapy</i> , 2008, 6, 657-669.	2.0	95
25	Rapid Identification of Different Escherichia coli Sequence Type 131 Clades. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	94
26	Colonization of Returning Travelers With CTX-M-Producing Escherichia coli. <i>Journal of Travel Medicine</i> , 2011, 18, 299-303.	1.4	92
27	Virulence Factors of Escherichia coli Isolates That Produce CTX-M-Type Extended-Spectrum $\beta$ -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4667-4670.	1.4	85
28	Characteristics of Escherichia coli Sequence Type 131 Isolates That Produce Extended-Spectrum $\beta$ -Lactamases: Global Distribution of the <i>H30-Rx</i> Sublineage. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3762-3767.	1.4	80
29	<i>Klebsiella pneumoniae</i> ST307 with <i>bla</i> <sub>OXA-181</sub> South Africa, 2014–2016. <i>Emerging Infectious Diseases</i> , 2019, 25, 739-747.	2.0	74
30	Surveillance for plasmid-mediated quinolone resistance determinants in Enterobacteriaceae within the Calgary Health Region, Canada: the emergence of <i>aac</i> (6')-Ib-cr. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 999-1002.	1.3	71
31	Genomic and Functional Analysis of Emerging Virulent and Multidrug-Resistant <i>Escherichia coli</i> Lineage Sequence Type 648. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	71
32	Molecular epidemiology of extended-spectrum- $\beta$ -lactamase-producing <i>Klebsiella pneumoniae</i> over a 10 year period in Calgary, Canada. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1114-1120.	1.3	64
33	Multiplex PCR Analysis for Rapid Detection of <i>Klebsiella pneumoniae</i> Carbapenem-Resistant (Sequence) Tj ETQq1 1 0.784314 rgBT / <i>O</i> <i>Microbiology</i> , 2018, 56, .	1.8	64
34	Molecular Characteristics of Travel-Related Extended-Spectrum $\beta$ -Lactamase-Producing <i>Escherichia coli</i> Isolates from the Calgary Health Region. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2539-2543.	1.4	63
35	Global Molecular Epidemiology of IMP-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	61
36	Fluoroquinolone-Resistant Escherichia coli Sequence Type 131 Isolates Causing Bloodstream Infections in a Canadian Region with a Centralized Laboratory System: Rapid Emergence of the <i>H30-Rx</i> Sublineage. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2699-2703.	1.4	59

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37	Importance of Clonal Complex 258 and IncF <sub>K2-like</sub> Plasmids among a Global Collection of <i>Klebsiella pneumoniae</i> with <i>bla</i> <sub>KPC</sub> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	59
38	The characteristics of NDM-producing <i>Klebsiella pneumoniae</i> from Canada. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 71, 106-109.	0.8	57
39	The evolutionary puzzle of <i>Escherichia coli</i> ST131. <i>Infection, Genetics and Evolution</i> , 2020, 81, 104265.	1.0	56
40	Travel-Related Carbapenemase-Producing Gram-Negative Bacteria in Alberta, Canada: the First 3 Years. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1575-1581.	1.8	54
41	Using a Commercial DiversiLab Semiautomated Repetitive Sequence-Based PCR Typing Technique for Identification of <i>Escherichia coli</i> Clone ST131 Producing CTX-M-15. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1212-1215.	1.8	53
42	Comparison of Predictors and Mortality Between Bloodstream Infections Caused by ESBL-Producing <i>Escherichia coli</i> and ESBL-Producing <i>Klebsiella pneumoniae</i> . <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 660-667.	1.0	49
43	Genomic epidemiology of global VIM-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2249-2258.	1.3	47
44	Ertapenem for the treatment of bloodstream infections due to ESBL-producing Enterobacteriaceae: a multinational pre-registered cohort study. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1672-1680.	1.3	41
45	Genomic Epidemiology of Global Carbapenemase-Producing <i>Escherichia coli</i> , 2015-2017. <i>Emerging Infectious Diseases</i> , 2022, 28, .	2.0	39
46	Molecular epidemiology of Enterobacteriaceae that produce VIMs and IMPs from the SMART surveillance program. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 78, 277-281.	0.8	38
47	Virulence potential and adherence properties of <i>Escherichia coli</i> that produce CTX-M and NDM $\beta$ -lactamases. <i>Journal of Medical Microbiology</i> , 2013, 62, 525-530.	0.7	37
48	Genomic characterization of IMP and VIM carbapenemase-encoding transferable plasmids of Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3034-3038.	1.3	33
49	<i>Acinetobacter baumannii</i> : Epidemiological and Beta-Lactamase Data From Two Tertiary Academic Hospitals in Tshwane, South Africa. <i>Frontiers in Microbiology</i> , 2018, 9, 1280.	1.5	32
50	<i>Escherichia coli</i> ST1193: Following in the Footsteps of <i>E. coli</i> ST131. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	1.4	31
51	A Fatal Bacteremia Caused by Hypermucoviscous KPC-2 Producing Extensively Drug-Resistant K64-ST11 <i>Klebsiella pneumoniae</i> in Brazil. <i>Frontiers in Medicine</i> , 2018, 5, 265.	1.2	30
52	Trends in Population Dynamics of <i>Escherichia coli</i> Sequence Type 131, Calgary, Alberta, Canada, 2006-2016. <i>Emerging Infectious Diseases</i> , 2020, 26, 2907-2915.	2.0	26
53	Multiplex PCR for Identification of Two Capsular Types in Epidemic KPC-Producing <i>Klebsiella pneumoniae</i> Sequence Type 258 Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4196-4199.	1.4	25
54	NDM-producing Enterobacteriaceae from South Africa: moving towards endemicity?. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 378-380.	0.8	24

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55	Clinical and microbiological characteristics of bloodstream infections due to AmpC $\beta$ -lactamase producing Enterobacteriaceae: an active surveillance cohort in a large centralized Canadian region. BMC Infectious Diseases, 2014, 14, 647.	1.3	23
56	The population structure of clinical extra-intestinal Escherichia coli in a teaching hospital from Nigeria. Diagnostic Microbiology and Infectious Disease, 2018, 92, 46-49.	0.8	19
57	Complete Genome Sequence of Escherichia coli J53, an Azide-Resistant Laboratory Strain Used for Conjugation Experiments. Genome Announcements, 2018, 6, .	0.8	18
58	IPSAT P1A, a class A beta-lactamase therapy for the prevention of penicillin-induced disruption to the intestinal microflora. Current Opinion in Investigational Drugs, 2009, 10, 838-44.	2.3	17
59	Emerging gram-negative enteric infections. Clinics in Laboratory Medicine, 2004, 24, 605-626.	0.7	16
60	Population-based epidemiology of Escherichia coli ST1193 causing blood stream infections in a centralized Canadian region. European Journal of Clinical Microbiology and Infectious Diseases, 2021, , 1.	1.3	13
61	Rates of colonization with extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> in Canadian travellers returning from South Asia: a cross-sectional assessment. CMAJ Open, 2017, 5, E850-E855.	1.1	12
62	A Comprehensive Account of Escherichia coli Sequence Type 131 in Wastewater Reveals an Abundance of Fluoroquinolone-Resistant Clade A Strains. Applied and Environmental Microbiology, 2020, 86, .	1.4	11
63	Spatial distribution of <i>Escherichia coli</i> ST131 C subclades in a centralized Canadian urban region. Journal of Antimicrobial Chemotherapy, 2021, 76, 1135-1139.	1.3	11
64	The importance of Escherichia coli clonal complex 10 and ST131 among Tanzanian patients on antimicrobial resistance surveillance programs. European Journal of Clinical Microbiology and Infectious Diseases, 2021, , 1.	1.3	9
65	Population Dynamics of Escherichia coli Causing Bloodstream Infections over Extended Time Periods. MSphere, 2021, 6, e0095621.	1.3	9
66	Geographical variation in therapy for bloodstream infections due to multidrug-resistant Enterobacteriaceae: a post-hoc analysis of the INCREMENT study. International Journal of Antimicrobial Agents, 2017, 50, 664-672.	1.1	8
67	Population-based surveillance of Enterobacter cloacae complex causing blood stream infections in a centralized Canadian region. European Journal of Clinical Microbiology and Infectious Diseases, 2022, 41, 119-125.	1.3	8
68	Pharmacodynamic activity of fosfomycin simulating urinary concentrations achieved after a single 3-g oral dose versus Escherichia coli using an in vitro model. Diagnostic Microbiology and Infectious Disease, 2017, 88, 271-275.	0.8	6
69	Transmission Surveillance for Antimicrobial-Resistant Organisms in the Health System. Microbiology Spectrum, 2018, 6, .	1.2	6
70	A Cost-Effective Method for Identifying Enterobacterales with OXA-181. Journal of Clinical Microbiology, 2019, 57, .	1.8	5
71	Inclusion of next-generation leaders and cost-effective precision diagnostic techniques are vital in combatting antimicrobial resistance in low- and middle-income countries. JAC-Antimicrobial Resistance, 2020, 2, dlaa032.	0.9	5
72	Evaluation of the rapid ResaPolymyxin Acinetobacter/Pseudomonas NP test for rapid colistin resistance detection in lactose non-fermenting Gram-negative bacteria. Journal of Medical Microbiology, 2021, 70, .	0.7	2

#	ARTICLE	IF	CITATIONS
73	Escherichia coli sequence type 73 bloodstream infections in a centralized Canadian region and their association with companion animals: an ecological study. Infection, 0, , .	2.3	0