

# Gisele Peirano

## List of Publications by Year in descending order

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64  
papers

4,901  
citations

101543

36  
h-index

114465

63  
g-index

72  
all docs

72  
docs citations

72  
times ranked

4766  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.6	654
2	Molecular epidemiology of <i>Escherichia coli</i> producing CTX-M $\beta$ -lactamases: the worldwide emergence of clone ST131 O25:H4. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 316-321.	2.5	393
3	Laboratory Detection of Enterobacteriaceae That Produce Carbapenemases. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3877-3880.	3.9	281
4	The Global Ascendency of OXA-48-Type Carbapenemases. <i>Clinical Microbiology Reviews</i> , 2019, 33, .	13.6	260
5	Extended-Spectrum $\beta$ -Lactamase-Producing Enterobacteriaceae: Update on Molecular Epidemiology and Treatment Options. <i>Drugs</i> , 2019, 79, 1529-1541.	10.9	208
6	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.	3.2	162
7	Molecular Epidemiology over an 11-Year Period (2000 to 2010) of Extended-Spectrum $\beta$ -Lactamase-Producing <i>Escherichia coli</i> Causing Bacteremia in a Centralized Canadian Region. <i>Journal of Clinical Microbiology</i> , 2012, 50, 294-299.	3.9	146
8	Global <i>Escherichia coli</i> Sequence Type 131 Clade with <i>bla</i> <sub>CTX-M-27</sub> Gene. <i>Emerging Infectious Diseases</i> , 2016, 22, 1900-1907.	4.3	146
9	Emerging Antimicrobial-Resistant High-Risk <i>Klebsiella pneumoniae</i> Clones ST307 and ST147. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	146
10	<i>Escherichia coli</i> ST131: The Quintessential Example of an International Multiresistant High-Risk Clone. <i>Advances in Applied Microbiology</i> , 2015, 90, 109-154.	2.4	114
11	Characteristics of NDM-1-Producing <i>Escherichia coli</i> Isolates That Belong to the Successful and Virulent Clone ST131. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2986-2988.	3.2	110
12	Genomic Epidemiology of Global Carbapenemase-Producing <i>Enterobacter</i> spp., 2008–2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1010-1019.	4.3	107
13	High Prevalence of ST131 Isolates Producing CTX-M-15 and CTX-M-14 among Extended-Spectrum $\beta$ -Lactamase-Producing <i>Escherichia coli</i> Isolates from Canada. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1327-1330.	3.2	101
14	Global Incidence of Carbapenemase-Producing <i>Escherichia coli</i> ST131. <i>Emerging Infectious Diseases</i> , 2014, 20, 1928-1931.	4.3	99
15	Rapid Identification of Different <i>Escherichia coli</i> Sequence Type 131 Clades. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	94
16	Colonization of Returning Travelers With CTX-M-Producing <i>Escherichia coli</i> . <i>Journal of Travel Medicine</i> , 2011, 18, 299-303.	3.0	92
17	New Delhi Metallo- $\beta$ -Lactamase from Traveler Returning to Canada. <i>Emerging Infectious Diseases</i> , 2011, 17, 242-244.	4.3	86
18	Characteristics of <i>Escherichia coli</i> Sequence Type 131 Isolates That Produce Extended-Spectrum $\beta$ -Lactamases: Global Distribution of the <i>H</i> <sub>30-Rx</sub> Sublineage. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3762-3767.	3.2	80

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19	<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.	4.3	74
20	Molecular characteristics of extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> from the Chicago area: high prevalence of ST131 producing CTX-M-15 in community hospitals. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 19-23.	2.5	72
21	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, .	3.2	71
22	Occurrence of integrons and resistance genes among sulphonamide-resistant <i>Shigella</i> spp. from Brazil. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 301-305.	3.0	66
23	Occurrence of integrons and antimicrobial resistance genes among <i>Salmonella enterica</i> from Brazil. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 305-309.	3.0	64
24	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.	3.0	64
25	Clinical and Molecular Characteristics of Extended-Spectrum- $\beta$ -Lactamase-Producing <i>Escherichia coli</i> Causing Bacteremia in the Rotterdam Area, Netherlands. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3576-3578.	3.2	63
26	Global Molecular Epidemiology of IMP-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	61
27	Fluoroquinolone-Resistant <i>Escherichia coli</i> Sequence Type 131 Isolates Causing Bloodstream Infections in a Canadian Region with a Centralized Laboratory System: Rapid Emergence of the <i>H</i> <sub>30-Rx</sub> Sublineage. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2699-2703.	3.2	59
28	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, .	3.2	59
29	The characteristics of NDM-producing <i>Klebsiella pneumoniae</i> from Canada. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 71, 106-109.	1.8	57
30	Travel-Related Carbapenemase-Producing Gram-Negative Bacteria in Alberta, Canada: the First 3 Years. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1575-1581.	3.9	54
31	Characteristics of infections caused by extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> from community hospitals in South Africa. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 69, 449-453.	1.8	52
32	Genomic epidemiology of global VIM-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2249-2258.	3.0	47
33	Hospitalized Pets as a Source of Carbapenem-Resistance. <i>Frontiers in Microbiology</i> , 2018, 9, 2872.	3.5	47
34	The presence of genes encoding for different virulence factors in clonally related <i>Escherichia coli</i> that produce CTX-Ms. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 72, 297-302.	1.8	46
35	Genomic Epidemiology of Global Carbapenemase-Producing <i>Escherichia coli</i> , 2015–2017. <i>Emerging Infectious Diseases</i> , 2022, 28, .	4.3	39
36	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.	1.8	38

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37	Whole-Genome Sequencing Reveals the Origin and Rapid Evolution of an Emerging Outbreak Strain of <i>Streptococcus pneumoniae</i> 12F. <i>Clinical Infectious Diseases</i> , 2016, 62, 1126-1132.	5.8	38
38	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.	1.8	37
39	Gram-Negative Bacteria That Produce Carbapenemases Causing Death Attributed to Recent Foreign Hospitalization. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3085-3091.	3.2	37
40	Population-Based Surveillance for Hypermucoviscosity <i>Klebsiella pneumoniae</i> Causing Community-Acquired Bacteremia in Calgary, Alberta. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2013, 24, e61-e64.	1.9	36
41	Genomic characterization of IMP and VIM carbapenemase-encoding transferable plasmids of Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3034-3038.	3.0	33
42	Outbreak of Invasive <i>Streptococcus pneumoniae</i> Serotype 12F Among a Marginalized Inner-City Population in Winnipeg, Canada, 2009-2011. <i>Clinical Infectious Diseases</i> , 2014, 59, 651-657.	5.8	32
43	<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.	3.5	32
44	<i>Escherichia coli</i> ST1193: Following in the Footsteps of <i>E. coli</i> ST131. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	3.2	31
45	A Fatal Bacteremia Caused by Hypermucousviscous KPC-2 Producing Extensively Drug-Resistant K64-ST11 <i>Klebsiella pneumoniae</i> in Brazil. <i>Frontiers in Medicine</i> , 2018, 5, 265.	2.6	30
46	Differences in risk-factor profiles between patients with ESBL-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> : a multicentre case-case comparison study. <i>Antimicrobial Resistance and Infection Control</i> , 2014, 3, 27.	4.1	27
47	Molecular Evolution of a <i>Klebsiella pneumoniae</i> ST278 Isolate Harboring <i>bla</i> <sub>NDM-7</sub> and Involved in Nosocomial Transmission. <i>Journal of Infectious Diseases</i> , 2016, 214, 798-806.	4.0	27
48	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.	4.3	26
49	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.	3.2	25
50	NDM-1-producing Enterobacteriaceae from South Africa: moving towards endemicity?. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 378-380.	1.8	24
51	Complete Sequencing of Plasmids Containing <i>bla</i> <sub>OXA-163</sub> and <i>bla</i> <sub>OXA-48</sub> in <i>Escherichia coli</i> Sequence Type 131. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6948-6951.	3.2	19
52	Complete Genome Sequence of <i>Escherichia coli</i> J53, an Azide-Resistant Laboratory Strain Used for Conjugation Experiments. <i>Genome Announcements</i> , 2018, 6, .	0.8	18
53	The characteristics of VIM-1-producing <i>Klebsiella pneumoniae</i> from South Africa. <i>Scandinavian Journal of Infectious Diseases</i> , 2012, 44, 74-78.	1.5	16
54	First Report of <i>bla</i> <sub>IMP-14</sub> on a Plasmid Harboring Multiple Drug Resistance Genes in <i>Escherichia coli</i> Sequence Type 131. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5068-5071.	3.2	15

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55	Population-based epidemiology of <i>Escherichia coli</i> ST1193 causing blood stream infections in a centralized Canadian region. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, , 1.	2.9	13
56	The characteristics of <i>Klebsiella pneumoniae</i> that produce KPC-2 imported from Greece. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 75, 317-319.	1.8	12
57	Rates of colonization with extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> in Canadian travellers returning from South Asia: a cross-sectional assessment. <i>CMAJ Open</i> , 2017, 5, E850-E855.	2.4	12
58	A Comprehensive Account of <i>Escherichia coli</i> Sequence Type 131 in Wastewater Reveals an Abundance of Fluoroquinolone-Resistant Clade A Strains. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	11
59	Spatial distribution of <i>Escherichia coli</i> ST131 C subclades in a centralized Canadian urban region. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1135-1139.	3.0	11
60	The importance of <i>Escherichia coli</i> clonal complex 10 and ST131 among Tanzanian patients on antimicrobial resistance surveillance programs. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, , 1.	2.9	9
61	Population-based surveillance of <i>Enterobacter cloacae</i> complex causing blood stream infections in a centralized Canadian region. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022, 41, 119-125.	2.9	8
62	A Cost-Effective Method for Identifying Enterobacteriales with OXA-181. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	5
63	Molecular epidemiology of extended-spectrum beta-lactamase-producing extra-intestinal pathogenic <i>Escherichia coli</i> strains over a 2-year period (2017-2019) from Zimbabwe. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, , 1.	2.9	5
64	<i>Escherichia coli</i> sequence type 73 bloodstream infections in a centralized Canadian region and their association with companion animals: an ecological study. <i>Infection</i> , 0, , .	4.7	0