Roberto GMelano

List of Publications by Year
in descending order

80	2,514	172457	206112
papers	citations	29 h-index	48 g-index

87	87	87	3044
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of coronavirus disease 2019 (COVID-19) pre-test probability on positive predictive value of high cycle threshold severe acute respiratory coronavirus virus 2 (SARS-CoV-2) real-time reverse transcription polymerase chain reaction (RT-PCR) test results. Infection Control and Hospital Epidemiology, 2022, 43, 1179-1183.	1.8	4
2	Real-Time RT-PCR Allelic Discrimination Assay for Detection of N501Y Mutation in the Spike Protein of SARS-CoV-2 Associated with B.1.1.7 Variant of Concern. Microbiology Spectrum, 2022, 10, e0068121.	3.0	5
3	The Importance of Shiga Toxin-Producing Escherichia coli O145:NM[H28]/H28 Infections in Argentina, 1998â€“2020. Microorganisms, 2022, 10, 582.	3.6	6
4	Performance Characteristics of Next-Generation Sequencing for the Detection of Antimicrobial Resistance Determinants in Escherichia coli Genomes and Metagenomes. MSystems, 2022, 7, .	3.8	5
5	Household Transmission of Carbapenemase-producing Enterobacterales in Ontario, Canada. Clinical Infectious Diseases, 2021, 73, e4607-e4615.	5.8	8
6	Characterization of bla_{KPC-2}-Harboring Klebsiella pneumoniae Isolates and Mobile Genetic Elements from Outbreaks in a Hospital in Ecuador. Microbial Drug Resistance, 2021, 27, 752-759.	2.0	6
7	Emergence of Morganellaceae Harboring bla IMP-27 Metalloenzyme in Canada. MSphere, 2021, 6, .	2.9	3
8	Genomic Epidemiology of Carbapenemase-Producing Enterobacterales at a Hospital System in Toronto, Ontario, Canada, 2007 to 2018. Antimicrobial Agents and Chemotherapy, 2021, 65, e0036021.	3.2	4
9	Diverse Escherichia coli lineages from domestic animals carrying colistin resistance gene mcr-1 in an Ecuadorian household. Journal of Global Antimicrobial Resistance, 2020, 22, 63-67.	2.2	16
10	Genomic analysis of two Acinetobacter baumannii strains belonging to two different sequence types (ST172 and ST25). Journal of Global Antimicrobial Resistance, 2020, 23, 154-161.	2.2	6
11	Dissemination of Verona Integron-encoded Metallo-Î²-lactamase among clinical and environmental Enterobacteriaceae isolates in Ontario, Canada. Scientific Reports, 2020, 10, 18580.	3.3	12
12	Using Genetic Distance from Archived Samples for the Prediction of Antibiotic Resistance in Escherichia coli. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	5
13	Mobile genetic elements associated with carbapenemase genes in South American Enterobacterales. Brazilian Journal of Infectious Diseases, 2020, 24, 231-238.	0.6	27
14	Genomic Epidemiology of Carbapenemase-Producing Enterobacterales (CPE) in Toronto, Canada. Infection Control and Hospital Epidemiology, 2020, 41, s479-s480.	1.8	0
15	Clinical and Genetic Characteristics of Extended-Spectrum Beta-Lactamaseâ€“Producing Enterobacteriaceae Among Canadian Children. Infection Control and Hospital Epidemiology, 2020, 41, s167-s168.	1.8	0
16	Comparing Patient Risk Factor-, Sequence Type-, and Resistance Locus Identification-Based Approaches for Predicting Antibiotic Resistance in Escherichia coli Bloodstream Infections. Journal of Clinical Microbiology, 2019, 57, .	3.9	12
17	Characterization of Escherichia coli Carrying mcr-1-Plasmids Recovered From Food Animals From Argentina. Frontiers in Cellular and Infection Microbiology, 2019, 9, 41.	3.9	21
18	Genome-based epidemiology and antimicrobial resistance determinants of Neisseria gonorrhoeae isolates with decreased susceptibility and resistance to extended-spectrum cephalosporins in Argentina in 2011â€“16. Journal of Antimicrobial Chemotherapy, 2019, 74, 1551-1559.	3.0	33

#	Article	IF	Citations
19	501. Risk of Infection in Persons Colonized with Carbapenemase-Producing Enterobacteriales (CPE) in Ontario, Canada. Open Forum Infectious Diseases, 2019, 6, S243-S243.	0.9	0
20	512. Healthcare-Acquired (HA) Carbapenemase-Producing Enterobacteriales (CPE) in Southern Ontario, Canada: To Whom Are We Transmitting CPE?. Open Forum Infectious Diseases, 2019, 6, S247-S248.	0.9	1
21	Use of Whole Genome Sequencing for the Molecular Comparison of Neisseria gonorrhoeae Isolates With Decreased Susceptibility to Extended Spectrum Cephalosporins From 2 Geographically Different Regions in America. Sexually Transmitted Diseases, 2019, 46, 548-555.	1.7	14
22	Interspecies DNA acquisition by a naturally competent Acinetobacter baumannii strain. International Journal of Antimicrobial Agents, 2019, 53, 483-490.	2.5	14
23	Characterization of a multidrug resistant Citrobacter amalonaticus clinical isolate harboring blaNDM-1 and mcr-1.5 genes. Infection, Genetics and Evolution, 2019, 67, 51-54.	2.3	17
24	Characterization of OXA-48-like carbapenemase producers in Canada, 2011â€“14. Journal of Antimicrobial Chemotherapy, 2018, 73, 626-633.	3.0	26
25	Emergence of azithromycin resistance mediated by the mph (A) gene in Salmonella Typhimurium clinical isolates in Latin America. Journal of Global Antimicrobial Resistance, 2018, 13, 237-239.	2.2	9
26	1165. Comparing Patient Risk Factors, Sequence Type, and Resistance Loci Identification Approaches for Predicting Antibiotic Resistance in Escherichia coli Bloodstream Infections. Open Forum Infectious Diseases, 2018, 5, S351-S351.	0.9	0
27	1186. Prevalence of Carbapenemase-Producing Enterobacteriaceae (CPE) in Hospital Drains in Southern Ontario. Open Forum Infectious Diseases, 2018, 5, S358-S358.	0.9	1
28	1205. Emergence of Carbapenemase Producing Enterobacteriaceae in South Central Ontario, Canada. Open Forum Infectious Diseases, 2018, 5, S365-S365.	0.9	2
29	2165. Risk Factors for CPE Colonization in Household Contacts of CPE Colonized/Infected Patients. Open Forum Infectious Diseases, 2018, 5, S638-S639.	0.9	0
30	Emergence of Carbapenemase-Producing Enterobacteriaceae, South-Central Ontario, Canada1. Emerging Infectious Diseases, 2018, 24, 1674-1682.	4.3	25
31	qnrE1 , a Member of a New Family of Plasmid-Located Quinolone Resistance Genes, Originated from the Chromosome of Enterobacter Species. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	60
32	Sensitivity of Different Anatomic Sites for Detection and Duration of Colonization with Carbapenemase-Producing Enterobacteriaceae (CPE). Open Forum Infectious Diseases, 2017, 4, S140-S140.	0.9	2
33	Molecular characteristics of mcr-1-carrying plasmids and new mcr-1 variant recovered from polyclonal clinical Escherichia coli from Argentina and Canada. PLoS ONE, 2017, 12, e0180347.	2.5	59
34	Epidemiology of the Emergence of Carbapenemase-Producing Enterobacteriaceae in South-Central Ontario, Canada. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
35	Transmission of Verona Integron-Encoded Metallo-Î²-Lactamase-Producing Enterobacteriaceae Over a Two-Year Period Linked to Contaminated Drains. Open Forum Infectious Diseases, 2016, 3, .	0.9	1
36	bla VIM-Producing Enterobactercloacae in Ontario, Canada: Links Between Sewage, Surface Water, and Human Isolates. Open Forum Infectious Diseases, 2016, 3, .	0.9	0

#	Article	IF	Citations
37	Whole-Genome Sequencing Applied to the Molecular Epidemiology of Shiga Toxin-Producing Escherichia coli O157:H7 in Argentina. Genome Announcements, 2016, 4, .	0.8	5
38	Clonal Complex 17 Group B Streptococcus strains causing invasive disease in neonates and adults originate from the same genetic pool. Scientific Reports, 2016, 6, 20047.	3.3	40
39	Whole-genome sequencingâ€"new tools for gonorrhoea control. Lancet Infectious Diseases, The, 2016, 16, 1214-1215.	9.1	6
40	Dissemination of the mcr-1 colistin resistance gene. Lancet Infectious Diseases, The, 2016, 16, 289-290.	9.1	94
41	Assessment of Listeria sp. Interference Using a Molecular Assay To Detect Listeria monocytogenes in Food. Journal of Food Protection, 2016, 79, 138-143.	1.7	3
42	What Is the Appropriate Meropenem MIC for Screening of Carbapenemase-Producing Enterobacteriaceae in Low-Prevalence Settings?. Antimicrobial Agents and Chemotherapy, 2016, 60, 1556-1559.	3.2	52
43	Detection of carbapenemase activity in Enterobacteriaceae: comparison of the carbapenem inactivation method versus the Carba NP test: Table 1.. Journal of Antimicrobial Chemotherapy, 2016, 71, 274-276.	3.0	63
44	Lateral dissemination and inter-patient transmission ofbla_{KPC-3}: role of a conjugative plasmid in spreading carbapenem resistance. Journal of Antimicrobial Chemotherapy, 2016, 71, 344-347.	3.0	20
45	Characterization of Multiple NDM-1-Producing Enterobacteriaceae Isolates from the Same Patient. Antimicrobial Agents and Chemotherapy, 2015, 59, 3648-3651.	3.2	26
46	Simplified Protocol for Carba NP Test for Enhanced Detection of Carbapenemase Producers Directly from Bacterial Cultures. Journal of Clinical Microbiology, 2015, 53, 3908-3911.	3.9	45
47	Emergence of Serotype IV Group B Streptococcus Adult Invasive Disease in Manitoba and Saskatchewan, Canada, Is Driven by Clonal Sequence Type 459 Strains. Journal of Clinical Microbiology, 2015, 53, 2919-2926.	3.9	37
48	Characterization of an Enterococcus gallinarum Isolate Carrying a Dual vanA and vanB Cassette. Journal of Clinical Microbiology, 2015, 53, 2225-2229.	3.9	16
49	Population Structure and Antimicrobial Resistance of Invasive Serotype IV Group BStreptococcus, Toronto, Ontario, Canada. Emerging Infectious Diseases, 2015, 21, 585-591.	4.3	39
50	Molecular Analysis of Antimicrobial Resistance Mechanisms in Neisseria gonorrhoeae Isolates from Ontario, Canada. Antimicrobial Agents and Chemotherapy, 2014, 58, 632-632.	3.2	1
51	Reply to â€œFurther Proofs of Concept for the Carba NP Testâ€• Antimicrobial Agents and Chemotherapy, 2014, 58, 1270-1270.	3.2	19
52	Antimicrobial Activity of Solithromycin against Clinical Isolates of Legionella pneumophila Serogroup 1. Antimicrobial Agents and Chemotherapy, 2014, 58, 909-915.	3.2	32
53	Comparative Genomic Analysis of KPC-Encoding pKpQIL-Like Plasmids and Their Distribution in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2014, 58, 2871-2877.	3.2	105
54	Azithromycin Resistance Is Coevolving with Reduced Susceptibility to Cephalosporins in Neisseria gonorrhoeae in Ontario, Canada. Antimicrobial Agents and Chemotherapy, 2014, 58, 2528-2534.	3.2	53

#	Article	IF	Citations
55	Molecular Survey of the Dissemination of Two bla _{KPC} -Harboring IncFIA Plasmids in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2014, 58, 2289-2294.	3.2	80
56	Molecular Characterization of Klebsiella pneumoniae Carbapenemase (KPC)-Producing Enterobacteriaceae in Ontario, Canada, 2008-2011. PLoS ONE, 2014, 9, e116421.	2.5	36
57	Complete Nucleotide Sequence of a bla _{KPC} -Harboring IncI2 Plasmid and Its Dissemination in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2013, 57, 5019-5025.	3.2	76
58	OXA-48-like carbapenemase-producing Enterobacteriaceae in Ottawa, Canada. Diagnostic Microbiology and Infectious Disease, 2013, 76, 399-400.	1.8	12
59	Evaluation of the Carba NP Test for Rapid Detection of Carbapenemase-Producing Enterobacteriaceae and Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2013, 57, 4578-4580.	3.2	210
60	Verona Integronâ€“encoded Metallo-Î²-Lactamase 1 in Enterobacteria, Ontario, Canada. Emerging Infectious Diseases, 2013, 19, 1156-1158.	4.3	6
61	Neisseria gonorrhoeae Treatment Failure and Susceptibility to Cefixime in Toronto, Canada. JAMA - Journal of the American Medical Association, 2013, 309, 163.	7.4	184
62	Cephalosporin Resistance in Neisseria gonorrhoeae Infectionsâ€”Reply. JAMA - Journal of the American Medical Association, 2013, 309, 1989.	7.4	3
63	Determination of In Vitro Activities of Solithromycin at Different pHs and Its Intracellular Activity against Clinical Isolates of Neisseria gonorrhoeae from a Laboratory Collection. Antimicrobial Agents and Chemotherapy, 2013, 57, 4322-4328.	3.2	17
64	Complete Sequence of a bla _{KPC-2} -Harboring IncFII _{K1} Plasmid from a Klebsiella pneumoniae Sequence Type 258 Strain. Antimicrobial Agents and Chemotherapy, 2013, 57, 1542-1545.	3.2	69
65	Complete Nucleotide Sequences of bla _{KPC-4} - and bla _{KPC-5} -Harboring IncN and IncX Plasmids from Klebsiella pneumoniae Strains Isolated in New Jersey. Antimicrobial Agents and Chemotherapy, 2013, 57, 269-276.	3.2	88
66	Outbreak of Carbapenem-Resistant Enterobacteriaceae Containing blaNDM-1, Ontario, Canada. Clinical Infectious Diseases, 2012, 55, e109-e117.	5.8	109
67	MupB, a New High-Level Mupirocin Resistance Mechanism in Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2012, 56, 1916-1920.	3.2	94
68	Escherichia coliO104:H4 Infections and International Travel. Emerging Infectious Diseases, 2012, 18, 473-476.	4.3	13
69	Molecular Analysis of Antimicrobial Resistance Mechanisms in Neisseria gonorrhoeae Isolates from Ontario, Canada. Antimicrobial Agents and Chemotherapy, 2011, 55, 703-712.	3.2	93
70	Distribution of Antiseptic Resistance Genes qacA, qacB , and smr in Methicillin-Resistant Staphylococcus aureus Isolated in Toronto, Canada, from 2005 to 2009. Antimicrobial Agents and Chemotherapy, 2011, 55, 2999-3001.	3.2	84
71	Analytical and clinical validation of novel real-time reverse transcriptaseâ€“polymerase chain reaction assays for the clinical detection of swine-origin H1N1 influenza viruses. Diagnostic Microbiology and Infectious Disease, 2011, 69, 167-171.	1.8	11
72	New Delhi Metallo-Î²-Lactamase, Ontario, Canada. Emerging Infectious Diseases, 2011, 17, 306-307.	4.3	41

#	Article	IF	Citations
73	Identification of Sexual Networks Through Molecular Typing of Quinolone-Resistant Neisseria gonorrhoeae in Ontario, Canada. Sexually Transmitted Diseases, 2011, 38, 811-814.	1.7	6
74	Comparative Evaluation of a Chromogenic Agar Medium, the Modified Hodge Test, and a Battery of Meropenem-Inhibitor Discs for Detection of Carbapenemase Activity in Enterobacteriaceae. Journal of Clinical Microbiology, 2011, 49, 1965-1969.	3.9	36
75	New Delhi metallo-Â-lactamase-1: local acquisition in Ontario, Canada, and challenges in detection. Cmaj, 2011, 183, 1257-1261.	2.0	37
76	rmtD2, a New Allele of a 16S rRNA Methylase Gene, Has Been Present inEnterobacteriaceaeIsolates from Argentina for More than a Decade. Antimicrobial Agents and Chemotherapy, 2011, 55, 904-909.	3.2	30
77	Susceptibility of Streptococcus pneumoniae to Fluoroquinolones in Canada. Antimicrobial Agents and Chemotherapy, 2011, 55, 3703-3708.	3.2	57
78	Characterization of the quinolone resistant determining regions in clinical isolates of pneumococci collected in Canada. Annals of Clinical Microbiology and Antimicrobials, 2010, 9, 3.	3.8	10
79	Klebsiella pneumoniaeCarbapenemase, Canada. Emerging Infectious Diseases, 2009, 15, 827-829.	4.3	34
80	Evaluation of Melting Curve Analysis for Screening the Most Prevalent Mutations in Topoisomerase Genes from Streptococcus pneumoniae. Journal of Clinical Microbiology, 2008, 46, 396-397.	3.9	0