

Roberto G Melano

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Neisseria gonorrhoeae Treatment Failure and Susceptibility to Cefixime in Toronto, Canada. JAMA - Journal of the American Medical Association, 2013, 309, 163.	7.4	184
3	Outbreak of Carbapenem-Resistant Enterobacteriaceae Containing blaNDM-1, Ontario, Canada. Clinical Infectious Diseases, 2012, 55, e109-e117.	5.8	109
4	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
5	Dissemination of the mcr-1 colistin resistance gene. Lancet Infectious Diseases, The, 2016, 16, 289-290.	9.1	94
6	Molecular Analysis of Antimicrobial Resistance Mechanisms in <i>Neisseria gonorrhoeae</i> Isolates from Ontario, Canada. Antimicrobial Agents and Chemotherapy, 2011, 55, 703-712.	3.2	93
7	Complete Nucleotide Sequences of <i>bla</i> _{KPC-4} and <i>bla</i> _{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
8	Molecular Survey of the Dissemination of Two <i>bla</i> _{KPC} -Harboring IncFIA Plasmids in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2014, 58, 2289-2294.	3.2	80
9	Complete Nucleotide Sequence of a <i>bla</i> _{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
10	Complete Sequence of a <i>bla</i> _{KPC-2} -Harboring IncFII <i>K1</i> Plasmid from a Klebsiella pneumoniae Sequence Type 258 Strain. Antimicrobial Agents and Chemotherapy, 2013, 57, 1542-1545.	3.2	69
11	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
12	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
13	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
14	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
15	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
16	New Delhi Metallo-β-Lactamase, Ontario, Canada. Emerging Infectious Diseases, 2011, 17, 306-307.	4.3	41
17	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
18	Population Structure and Antimicrobial Resistance of Invasive Serotype IV Group B <i>Streptococcus</i> , Toronto, Ontario, Canada. Emerging Infectious Diseases, 2015, 21, 585-591.	4.3	39

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19	Emergence of Serotype IV Group B Streptococcus Adult Invasive Disease in Manitoba and Saskatchewan, Canada, Is Driven by Clonal Sequence Type 459 Strains. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2919-2926.	3.9	37
20	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. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1965-1969.	3.9	36
21	Molecular Characterization of <i>Klebsiella pneumoniae</i> Carbapenemase (KPC)-Producing Enterobacteriaceae in Ontario, Canada, 2008-2011. <i>PLoS ONE</i> , 2014, 9, e116421.	2.5	36
22	Genome-based epidemiology and antimicrobial resistance determinants of <i>Neisseria gonorrhoeae</i> isolates with decreased susceptibility and resistance to extended-spectrum cephalosporins in Argentina in 2011-2016. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1551-1559.	3.0	33
23	Antimicrobial Activity of Solithromycin against Clinical Isolates of <i>Legionella pneumophila</i> Serogroup 1. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 909-915.	3.2	32
24	rmtD2, a New Allele of a 16S rRNA Methylase Gene, Has Been Present in Enterobacteriaceae Isolates from Argentina for More than a Decade. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 904-909.	3.2	30
25	Characterization of Multiple NDM-1-Producing Enterobacteriaceae Isolates from the Same Patient. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3648-3651.	3.2	26
26	Characterization of OXA-48-like carbapenemase producers in Canada, 2011-2014. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 626-633.	3.0	26
27	Emergence of Carbapenemase-Producing Enterobacteriaceae, South-Central Ontario, Canada. <i>Emerging Infectious Diseases</i> , 2018, 24, 1674-1682.	4.3	25
28	Characterization of <i>Escherichia coli</i> Carrying mcr-1-Plasmids Recovered From Food Animals From Argentina. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 41.	3.9	21
29	Lateral dissemination and inter-patient transmission of bla _{KPC-3} : role of a conjugative plasmid in spreading carbapenem resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 344-347.	3.0	20
30	Reply to "Further Proofs of Concept for the Carba NP Test". <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1270-1270.	3.2	19
31	Determination of In Vitro Activities of Solithromycin at Different pHs and Its Intracellular Activity against Clinical Isolates of <i>Neisseria gonorrhoeae</i> from a Laboratory Collection. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4322-4328.	3.2	17
32	Characterization of a multidrug resistant <i>Citrobacter amalonaticus</i> clinical isolate harboring bla _{NDM-1} and mcr-1.5 genes. <i>Infection, Genetics and Evolution</i> , 2019, 67, 51-54.	2.3	17
33	Use of Whole Genome Sequencing for the Molecular Comparison of <i>Neisseria gonorrhoeae</i> Isolates With Decreased Susceptibility to Extended Spectrum Cephalosporins From 2 Geographically Different Regions in America. <i>Sexually Transmitted Diseases</i> , 2019, 46, 548-555.	1.7	14
34	Cephalosporin resistance in <i>Klebsiella pneumoniae</i> from Nova Scotia, Canada. <i>Diagnostic Microbiology and Infectious Disease</i> , 2006, 56, 197-205.	1.8	12
35	OXA-48-like carbapenemase-producing Enterobacteriaceae in Ottawa, Canada. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 76, 399-400.	1.8	12
36	Dissemination of Verona Integron-encoded Metallo- β -lactamase among clinical and environmental Enterobacteriaceae isolates in Ontario, Canada. <i>Scientific Reports</i> , 2020, 10, 18580.	3.3	12

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37	Verona Integron- ϵ -encoded Metallo- β -Lactamase 1 in Enterobacteria, Ontario, Canada. <i>Emerging Infectious Diseases</i> , 2013, 19, 1156-1158.	4.3	6
38	Characterization of <i>bla</i> _{KPC-2} -Harboring <i>Klebsiella pneumoniae</i> Isolates and Mobile Genetic Elements from Outbreaks in a Hospital in Ecuador. <i>Microbial Drug Resistance</i> , 2021, 27, 752-759.	2.0	6
39	Genomic Epidemiology of Carbapenemase-Producing <i>Enterobacterales</i> at a Hospital System in Toronto, Ontario, Canada, 2007 to 2018. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0036021.	3.2	4