

# Lorena Diaz

## List of Publications by Year in descending order

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46  
papers

2,439  
citations

257101

24  
h-index

243296

44  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Basis for In Vivo Daptomycin Resistance in Enterococci. <i>New England Journal of Medicine</i> , 2011, 365, 892-900.	13.9	324
2	Transferable Plasmid-Mediated Resistance to Linezolid Due to <i>lncfr</i> in a Human Clinical Isolate of <i>Enterococcus faecalis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3917-3922.	1.4	157
3	Daptomycin-Resistant <i>Enterococcus faecalis</i> Diverts the Antibiotic Molecule from the Division Septum and Remodels Cell Membrane Phospholipids. <i>MBio</i> , 2013, 4, .	1.8	152
4	Transferable Vancomycin Resistance in a Community-Associated MRSA Lineage. <i>New England Journal of Medicine</i> , 2014, 370, 1524-1531.	13.9	136
5	Dissemination of Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Sequence Type 8 Lineage in Latin America. <i>Clinical Infectious Diseases</i> , 2009, 49, 1861-1867.	2.9	130
6	Whole-Genome Analyses of <i>Enterococcus faecium</i> Isolates with Diverse Daptomycin MICs. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4527-4534.	1.4	119
7	Parallel Epidemics of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Infection in North and South America. <i>Journal of Infectious Diseases</i> , 2015, 212, 1874-1882.	1.9	107
8	Correlation between Mutations in <i>lfaSR</i> of <i>Enterococcus faecium</i> and MIC of Daptomycin: Revisiting Daptomycin Breakpoints. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4354-4359.	1.4	103
9	Whole-Genome Analysis of a Daptomycin-Susceptible <i>Enterococcus faecium</i> Strain and Its Daptomycin-Resistant Variant Arising during Therapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 261-268.	1.4	101
10	A Prospective Cohort Multicenter Study of Molecular Epidemiology and Phylogenomics of <i>Staphylococcus aureus</i> Bacteremia in Nine Latin American Countries. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	95
11	Phylogenomic Classification and the Evolution of Clonal Complex 5 Methicillin-Resistant <i>Staphylococcus aureus</i> in the Western Hemisphere. <i>Frontiers in Microbiology</i> , 2018, 9, 1901.	1.5	84
12	Molecular Epidemiology of Vancomycin-Resistant <i>Enterococcus faecium</i> : a Prospective, Multicenter Study in South American Hospitals. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1562-1569.	1.8	75
13	The Cefazolin Inoculum Effect Is Associated With Increased Mortality in Methicillin-Susceptible <i>Staphylococcus aureus</i> Bacteremia. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy123.	0.4	72
14	A <i>lfaF</i> Codon Deletion Abolishes Daptomycin Bactericidal Activity against Vancomycin-Resistant <i>Enterococcus faecalis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2831-2833.	1.4	61
15	Failure of High-Dose Daptomycin for Bacteremia Caused by Daptomycin-Susceptible <i>Enterococcus faecium</i> Harboring <i>LiaSR</i> Substitutions. <i>Clinical Infectious Diseases</i> , 2014, 59, 1277-1280.	2.9	60
16	Antimicrobial sensing coupled with cell membrane remodeling mediates antibiotic resistance and virulence in <i>Enterococcus faecalis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26925-26932.	3.3	58
17	Genomic and Molecular Characterization of Clinical Isolates of <i>Enterobacteriaceae</i> Harboring <i>mcr-1</i> in Colombia, 2002 to 2016. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	56
18	Community-associated Methicillin-resistant <i>Staphylococcus aureus</i> , Colombia. <i>Emerging Infectious Diseases</i> , 2006, 12, 2000-2001.	2.0	48

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19	Characterization of macrolide resistance in Gram-positive cocci from Colombian hospitals: a countrywide surveillance. <i>International Journal of Infectious Diseases</i> , 2007, 11, 329-336.	1.5	46
20	Native Valve Endocarditis Caused by <i>Corynebacterium striatum</i> with Heterogeneous High-Level Daptomycin Resistance: Collateral Damage from Daptomycin Therapy?. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3461-3464.	1.4	42
21	Genomic Epidemiology of Vancomycin-Resistant <i>Enterococcus faecium</i> (VREfm) in Latin America: Revisiting The Global VRE Population Structure. <i>Scientific Reports</i> , 2020, 10, 5636.	1.6	39
22	Methicillin-Susceptible, Vancomycin-Resistant <i>Staphylococcus aureus</i> , Brazil. <i>Emerging Infectious Diseases</i> , 2015, 21, 1844-1848.	2.0	38
23	Influence of Inoculum Effect on the Efficacy of Daptomycin Monotherapy and in Combination with $\beta$ -Lactams against Daptomycin-Susceptible <i>Enterococcus faecium</i> Harboring <i>LiaSR</i> Substitutions. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	34
24	Bogotá River anthropogenic contamination alters microbial communities and promotes spread of antibiotic resistance genes. <i>Scientific Reports</i> , 2019, 9, 11764.	1.6	29
25	Clonal Emergence of Invasive Multidrug-Resistant <i>Staphylococcus epidermidis</i> Deconvoluted via a Combination of Whole-Genome Sequencing and Microbiome Analyses. <i>Clinical Infectious Diseases</i> , 2018, 67, 398-406.	2.9	27
26	Dynamics of <i>bla</i> <sub>KPC-2</sub> Dissemination from Non-CG258 <i>Klebsiella pneumoniae</i> to Other <i>Enterobacteriales</i> via <i>IncN</i> Plasmids in an Area of High Endemicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	27
27	<i>Lia</i> -independent pathways to daptomycin resistance in <i>Enterococcus faecalis</i> reveal a multilayer defense against cell envelope antibiotics. <i>Molecular Microbiology</i> , 2019, 111, 811-824.	1.2	26
28	Ceftaroline-Resistant, Daptomycin-Tolerant, and Heterogeneous Vancomycin-Intermediate Methicillin-Resistant <i>Staphylococcus aureus</i> Causing Infective Endocarditis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	24
29	Linezolid- and Vancomycin-resistant <i>Enterococcus faecium</i> in Solid Organ Transplant Recipients: Infection Control and Antimicrobial Stewardship Using Whole Genome Sequencing. <i>Clinical Infectious Diseases</i> , 2019, 69, 259-265.	2.9	22
30	Global Spread of the Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Latin American Variant. <i>Journal of Infectious Diseases</i> , 2016, 214, 1609-1610.	1.9	18
31	<i>In Vivo</i> Resistance to Ceftolozane/Tazobactam in <i>Pseudomonas aeruginosa</i> Arising by AmpC- and Non-AmpC-Mediated Pathways. <i>Case Reports in Infectious Diseases</i> , 2018, 2018, 1-4.	0.2	18
32	Contemporary Clinical and Molecular Epidemiology of Vancomycin-Resistant Enterococcal Bacteremia: A Prospective Multicenter Cohort Study (VENOUS I). <i>Open Forum Infectious Diseases</i> , 2022, 9, ofab616.	0.4	18
33	Resistencia a antibióticos de última línea en cocos Gram positivos: la era posterior a la vancomicina. <i>Biomedica</i> , 2013, 34, 191.	0.3	16
34	Novel Insights into the Classification of Staphylococcal $\beta$ -Lactamases in Relation to the Cefazolin Inoculum Effect. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	13
35	Dissecting the Mechanisms of Linezolid Resistance in a <i>Drosophila melanogaster</i> Infection Model of <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2013, 208, 83-91.	1.9	10
36	Detection of heterogeneous vancomycin intermediate resistance in MRSA isolates from Latin America. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2424-2431.	1.3	8

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37	Genomic and Epidemiological Evidence of a Dominant Panton-Valentine Leucocidin-Positive Methicillin Resistant Staphylococcus aureus Lineage in Sri Lanka and Presence Among Isolates From the United Kingdom and Australia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 123.	1.8	7
38	Disrupting Membrane Adaptation Restores In Vivo Efficacy of Antibiotics Against Multidrug-Resistant Enterococci and Potentiates Killing by Human Neutrophils. <i>Journal of Infectious Diseases</i> , 2019, 220, 494-504.	1.9	6
39	A Test for the Rapid Detection of the Cefazolin Inoculum Effect in Methicillin-Susceptible Staphylococcus aureus. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	6
40	Perfiles de resistencia a fluoroquinolonas en aislamientos clínicos de cocos Gram positivos provenientes de hospitales colombianos, 1994-2004. <i>Biomedica</i> , 2008, 28, 284.	0.3	5
41	Case Report: Gestational Melioidosis through Perinatal Transmission. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1838-1840.	0.6	4
42	A Young Diabetic Patient With Sepsis After Gardening. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa159.	0.4	2
43	Antimicrobial Stewardship Challenges: Could Generic Antibiotic Use Policies Improve Economic Outcomes in Acute Care Hospitals?. <i>Open Forum Infectious Diseases</i> , 2017, 4, S490-S490.	0.4	0
44	1214. High Frequency of Genes Encoding Resistance to Heavy Metals in Methicillin-Resistant Staphylococcus aureus (MRSA) Endemic Lineages From South America. <i>Open Forum Infectious Diseases</i> , 2018, 5, S368-S368.	0.4	0
45	601. TelA and XpaC Are Novel Mediators of Daptomycin Resistance in Enterococcus faecium. <i>Open Forum Infectious Diseases</i> , 2019, 6, S282-S282.	0.4	0
46	1442. Acquisition and Transferability Mechanisms of Mercury Resistance Genes in Latin-American Staphylococcus aureus Strains. <i>Open Forum Infectious Diseases</i> , 2020, 7, S724-S725.	0.4	0