

# Laura J Rojas

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

832  
citations

840776

11  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Can Ceftazidime-Avibactam and Aztreonam Overcome $\beta$ -Lactam Resistance Conferred by Metallo- $\beta$ -Lactamases in Enterobacteriaceae?. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	217
2	Colistin Resistance in Carbapenem-Resistant <i>Klebsiella pneumoniae</i> : Laboratory Detection and Impact on Mortality. <i>Clinical Infectious Diseases</i> , 2017, 64, ciw805.	5.8	150
3	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, .	3.2	95
4	An Analysis of the Epidemic of <i>Klebsiella pneumoniae</i> Carbapenemase-Producing <i>K. pneumoniae</i> : Convergence of Two Evolutionary Mechanisms Creates the “Perfect Storm”. <i>Journal of Infectious Diseases</i> , 2018, 217, 82-92.	4.0	70
5	Monitoring Ceftazidime-Avibactam and Aztreonam Concentrations in the Treatment of a Bloodstream Infection Caused by a Multidrug-Resistant Enterobacter sp. Carrying Both <i>Klebsiella pneumoniae</i> Carbapenemase-4 and New Delhi Metallo- $\beta$ -Lactamase-1. <i>Clinical Infectious Diseases</i> , 2020, 71, 1095-1098.	5.8	59
6	Boronic Acid Transition State Inhibitors Active against KPC and Other Class A $\beta$ -Lactamases: Structure-Activity Relationships as a Guide to Inhibitor Design. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1751-1759.	3.2	49
7	Molecular correlates of the spread of KPC-producing Enterobacteriaceae in Colombia. <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 277-279.	2.5	37
8	Crystal Structures of KPC-2 and SHV-1 $\beta$ -Lactamases in Complex with the Boronic Acid Transition State Analog S02030. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1760-1766.	3.2	36
9	Carbapenem-Resistant <i>Enterobacter cloacae</i> Isolates Producing KPC-3, North Dakota, USA. <i>Emerging Infectious Diseases</i> , 2014, 20, 1583-1585.	4.3	25
10	Initial Assessment of the Molecular Epidemiology of bla NDM-1 in Colombia. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4346-4350.	3.2	24
11	Genomic heterogeneity underlies multidrug resistance in <i>Pseudomonas aeruginosa</i> : A population-level analysis beyond susceptibility testing. <i>PLoS ONE</i> , 2022, 17, e0265129.	2.5	13
12	ARGONAUT II Study of the <i>In Vitro</i> Activity of Plazomicin against Carbapenemase-Producing <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	11
13	Evaluation of Sensititre Broth Microdilution Plate for determining the susceptibility of carbapenem-resistant <i>Klebsiella pneumoniae</i> to polymyxins. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 91, 89-92.	1.8	10
14	Molecular characterisation of carbapenem-resistant <i>Enterobacter cloacae</i> complex in Colombia: bla KPC and the “changing landscape”. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 13, 184-189.	2.2	8
15	Risk Factors for and Mechanisms of COlistin Resistance Among Enterobacterales: Getting at the CORE of the Issue. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab145.	0.9	8
16	Emergence of Resistance to Ceftazidime-Avibactam in a <i>Pseudomonas aeruginosa</i> Isolate Producing Derepressed bla <sub>PDC</sub> in a Hollow-Fiber Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	8
17	Molecular Analysis of Polymyxin Resistance among Carbapenemase-Producing <i>Klebsiella pneumoniae</i> in Colombia. <i>Antibiotics</i> , 2021, 10, 284.	3.7	5
18	Predicting $\beta$ -lactam resistance using whole genome sequencing in <i>Klebsiella pneumoniae</i> : the challenge of $\beta$ -lactamase inhibitors. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115149.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Detection of mcr-1 gene in a clinical Escherichia coli strain in North Carolina: first report. Journal of Global Antimicrobial Resistance, 2021, 25, 154-156.	2.2	1