MarÃ-a LÃ³pez DÃ-az

List of Publications by Year
in descending order

30 papers	934 citations	687363 13 h-index	501196 28 g-index
33 all docs	33 docs citations	33 times ranked	1152 citing authors

#	Article	IF	Citations
1	Relationship Between Quorum Sensing and Secretion Systems. Frontiers in Microbiology, 2019, 10, 1100.	3.5	176
2	Toxin-Antitoxin Systems in Clinical Pathogens. Toxins, 2016, 8, 227.	3.4	105
3	Strategies to Combat Multidrug-Resistant and Persistent Infectious Diseases. Antibiotics, 2020, 9, 65.	3.7	104
4	(p)ppGpp and Its Role in Bacterial Persistence: New Challenges. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	62
5	Multiple Quorum Quenching Enzymes Are Active in the Nosocomial Pathogen Acinetobacter baumannii ATCC17978. Frontiers in Cellular and Infection Microbiology, 2018, 8, 310.	3.9	55
6	Quorum sensing network in clinical strains of A. baumannii: AidA is a new quorum quenching enzyme. PLoS ONE, 2017, 12, e0174454.	2.5	54
7	Characterization of plasmids carrying the blaOXA-24/40 carbapenemase gene and the genes encoding the AbkA/AbkB proteins of a toxin/antitoxin system*. Journal of Antimicrobial Chemotherapy, 2014, 69, 2629-2633.	3.0	43
8	Quantitative proteomic analysis of hostâ€"pathogen interactions: a study of Acinetobacter baumannii responses to host airways. BMC Genomics, 2015, 16, 422.	2.8	42
9	Response to Bile Salts in Clinical Strains of Acinetobacter baumannii Lacking the AdeABC Efflux Pump: Virulence Associated with Quorum Sensing. Frontiers in Cellular and Infection Microbiology, 2017, 7, 143.	3.9	40
10	Combined Use of the Ab105-2Ï†Î"CI Lytic Mutant Phage and Different Antibiotics in Clinical Isolates of Multi-Resistant Acinetobacter baumannii. Microorganisms, 2019, 7, 556.	3.6	33
11	Quantification by qPCR of Pathobionts in Chronic Periodontitis: Development of Predictive Models of Disease Severity at Site-Specific Level. Frontiers in Microbiology, 2017, 8, 1443.	3.5	20
12	Enhanced Antibacterial Activity of Repurposed Mitomycin C and Imipenem in Combination with the Lytic Phage vB_KpnM-VAC13 against Clinical Isolates of Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2021, 65, e0090021.	3.2	20
13	Relationship between Tolerance and Persistence Mechanisms in Acinetobacter baumannii Strains with AbkAB Toxin-Antitoxin System. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	18
14	Temperate Bacteriophages (Prophages) in Pseudomonas aeruginosa Isolates Belonging to the International Cystic Fibrosis Clone (CC274). Frontiers in Microbiology, 2020, 11, 556706.	3.5	18
15	The role of PemIK (PemK/PemI) type II TA system from Klebsiella pneumoniae clinical strains in lytic phage infection. Scientific Reports, 2022, 12, 4488.	3.3	17
16	Mechanisms of Tolerance and Resistance to Chlorhexidine in Clinical Strains of Klebsiella pneumoniae Producers of Carbapenemase: Role of New Type II Toxin-Antitoxin System, PemIK. Toxins, 2020, 12, 566.	3.4	15
17	Relationship Between the Quorum Network (Sensing/Quenching) and Clinical Features of Pneumonia and Bacteraemia Caused by A. baumannii. Frontiers in Microbiology, 2018, 9, 3105.	3.5	14
18	Quorum and Light Signals Modulate Acetoin/Butanediol Catabolism in Acinetobacter spp.. Frontiers in Microbiology, 2019, 10, 1376.	3.5	14

#	Article	IF	Citations
19	Genomic Analysis of Molecular Bacterial Mechanisms of Resistance to Phage Infection. Frontiers in Microbiology, 2021, 12, 784949.	3.5	13
20	Phenotypic and Genomic Comparison of Klebsiella pneumoniae Lytic Phages: vB_KpnM-VAC66 and vB_KpnM-VAC13. Viruses, 2022, 14, 6.	3.3	13
21	Development of an Anti-Acinetobacter baumannii Biofilm Phage Cocktail: Genomic Adaptation to the Host. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0192321.	3.2	12
22	CRISPR-Cas, a Revolution in the Treatment and Study of ESKAPE Infections: Pre-Clinical Studies. Antibiotics, 2021, 10, 756.	3.7	10
23	Adaptation of clinical isolates of Klebsiella pneumoniae to the combination of niclosamide with the efflux pump inhibitor phenyl-arginine-Î²-naphthylamide (PaÎ²N): co-resistance to antimicrobials. Journal of Antimicrobial Chemotherapy, 2022, 77, 1272-1281.	3.0	8
24	Draft Genome Sequence of the Biofilm-Hyperproducing Acinetobacter baumannii Clinical Strain MAR002. Genome Announcements, 2015, 3, .	0.8	6
25	NDM-1 carbapenemase resistance gene vehicles emergent on distinct plasmid backbones from the IncL/M family. Journal of Antimicrobial Chemotherapy, 2022, 77, 620-624.	3.0	6
26	Genome Sequence of Airborne Acinetobacter sp. Strain 5-2Ac02 in the Hospital Environment, Close to the Species of Acinetobacter towneri. Genome Announcements, 2016, 4, .	0.8	4
27	Clostridium difficile Infection: Pathogenesis, Diagnosis and Treatment. , 0, , .		4
28	Viral Related Tools against SARS-CoV-2. Viruses, 2020, 12, 1172.	3.3	3
29	Patents on antivirulence therapies. World Journal of Pharmacology, 2014, 3, 97.	2.3	3
30	Multiplex Real-Time PCR-short TUB Assay for Detection of the Mycobacterium tuberculosis Complex in Smear-Negative Clinical Samples with Low Mycobacterial Loads. Journal of Clinical Microbiology, 2019, 57, .	3.9	1