

# Maria Soledad Ramirez

## List of Publications by Year in descending order

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103  
papers

3,658  
citations

186209

28  
h-index

155592

55  
g-index

118  
all docs

118  
docs citations

118  
times ranked

3919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the genetic structure of mcr-1 gene among Escherichia coli isolates recovered from surface waters and sediments from Ecuador. <i>Science of the Total Environment</i> , 2022, 806, 150566.	3.9	7
2	Amikacin potentiator activity of zinc complexed to a pyrithione derivative with enhanced solubility. <i>Scientific Reports</i> , 2022, 12, 285.	1.6	2
3	Human Serum Proteins and Susceptibility of <i>Acinetobacter baumannii</i> to Cefiderocol: Role of Iron Transport. <i>Biomedicines</i> , 2022, 10, 600.	1.4	8
4	<i>Staphylococcus aureus</i> Î±-Toxin Effect on <i>Acinetobacter baumannii</i> Behavior. <i>Biology</i> , 2022, 11, 570.	1.3	4
5	<i>Acinetobacter baumannii</i> response to cefiderocol challenge in human urine. <i>Scientific Reports</i> , 2022, 12, .	1.6	9
6	Light Modulates Important Pathogenic Determinants and Virulence in ESKAPE Pathogens <i>Acinetobacter baumannii</i> , <i>Pseudomonas aeruginosa</i> , and <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	16
7	Cerebrospinal fluid (CSF) augments metabolism and virulence expression factors in <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2021, 11, 4737.	1.6	16
8	Zinc: Multidimensional Effects on Living Organisms. <i>Biomedicines</i> , 2021, 9, 208.	1.4	33
9	<i>Staphylococcus aureus</i> Potentiates the Hemolytic Activity of <i>Burkholderia cepacia</i> Complex (Bcc) Bacteria. <i>Current Microbiology</i> , 2021, 78, 1864-1870.	1.0	3
10	Full characterization of plasmids from <i>Achromobacter ruhlandii</i> isolates recovered from a single patient with cystic fibrosis (CF). <i>Revista Argentina De Microbiologia</i> , 2021, .	0.4	0
11	Silencing Antibiotic Resistance with Antisense Oligonucleotides. <i>Biomedicines</i> , 2021, 9, 416.	1.4	13
12	Human Pleural Fluid and Human Serum Albumin Modulate the Behavior of a Hypervirulent and Multidrug-Resistant (MDR) <i>Acinetobacter baumannii</i> Representative Strain. <i>Pathogens</i> , 2021, 10, 471.	1.2	17
13	A New Twist: The Combination of Sulbactam/Avibactam Enhances Sulbactam Activity against Carbapenem-Resistant <i>Acinetobacter baumannii</i> (CRAB) Isolates. <i>Antibiotics</i> , 2021, 10, 577.	1.5	6
14	Interaction of <i>Acinetobacter baumannii</i> with Human Serum Albumin: Does the Host Determine the Outcome?. <i>Antibiotics</i> , 2021, 10, 833.	1.5	5
15	Involvement of the Histone-Like Nucleoid Structuring Protein (H-NS) in <i>Acinetobacter baumannii</i> ™s Natural Transformation. <i>Pathogens</i> , 2021, 10, 1083.	1.2	4
16	Inhibition of Aminoglycoside 6â€²-N-acetyltransferase Type Ib (AAC(6â€²)-Ib): Structureâ€™Activity Relationship of Substituted Pyrrolidine Pentamine Derivatives as Inhibitors. <i>Biomedicines</i> , 2021, 9, 1218.	1.4	1
17	Effect of Serum Albumin, a Component of Human Pleural Fluid, on Transcriptional and Phenotypic Changes on <i>Acinetobacter baumannii</i> A118. <i>Current Microbiology</i> , 2021, 78, 3829-3834.	1.0	2
18	Histone-like nucleoid-structuring protein (H-NS) regulatory role in antibiotic resistance in <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2021, 11, 18414.	1.6	8

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19	Amikacin in combination with zinc pyrithione prevents growth of a multidrug-resistant carbapenem-resistant <i>Klebsiella pneumoniae</i> isolate. <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106442.	1.1	4
20	Interplay between Meropenem and Human Serum Albumin on Expression of Carbapenem Resistance Genes and Natural Competence in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0101921.	1.4	10
21	An <i>Acinetobacter non-baumannii</i> Population Study: Antimicrobial Resistance Genes (ARGs). <i>Antibiotics</i> , 2021, 10, 16.	1.5	14
22	Aminoglycoside 6â€²-N-acetyltransferase Type Ib [AAC(6â€²)-Ib]-Mediated Aminoglycoside Resistance: Phenotypic Conversion to Susceptibility by Silver Ions. <i>Antibiotics</i> , 2021, 10, 29.	1.5	9
23	Diversity of <i>Achromobacter</i> species recovered from patients with cystic fibrosis, in Argentina. <i>Revista Argentina De Microbiologia</i> , 2020, 52, 13-18.	0.4	24
24	Genomic Analysis of two NDM-1 <i>Providencia stuartii</i> Strains Recovered from a Single Patient. <i>Current Microbiology</i> , 2020, 77, 4029-4036.	1.0	5
25	Characterisation of ST25 NDM-1-producing <i>Acinetobacter</i> spp. strains leading the increase in NDM-1 emergence in Argentina. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 108-110.	0.9	9
26	Functional Analysis of the <i>Acinetobacter baumannii</i> XerC and XerD Site-Specific Recombinases: Potential Role in Dissemination of Resistance Genes. <i>Antibiotics</i> , 2020, 9, 405.	1.5	19
27	Genomic analysis of two <i>Acinetobacter baumannii</i> strains belonging to two different sequence types (ST172 and ST25). <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 154-161.	0.9	6
28	The H-NS Regulator Plays a Role in the Stress Induced by Carbapenemase Expression in <i>Acinetobacter baumannii</i> . <i>MSphere</i> , 2020, 5, .	1.3	10
29	Carbapenemases: Transforming <i>Acinetobacter baumannii</i> into a Yet More Dangerous Menace. <i>Biomolecules</i> , 2020, 10, 720.	1.8	124
30	Crucial Role of the Accessory Genome in the Evolutionary Trajectory of <i>Acinetobacter baumannii</i> Global Clone 1. <i>Frontiers in Microbiology</i> , 2020, 11, 342.	1.5	16
31	Distinct Mechanisms of Dissemination of NDM-1 Metallo-Î²-Lactamase in <i>Acinetobacter</i> Species in Argentina. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	25
32	Human Pleural Fluid Elicits Pyruvate and Phenylalanine Metabolism in <i>Acinetobacter baumannii</i> to Enhance Cytotoxicity and Immune Evasion. <i>Frontiers in Microbiology</i> , 2019, 10, 1581.	1.5	30
33	Identification of Potential Virulence Factors in the Model Strain <i>Acinetobacter baumannii</i> A118. <i>Frontiers in Microbiology</i> , 2019, 10, 1599.	1.5	28
34	Disruption of <i>hmgA</i> by DNA Duplication is Responsible for Hyperpigmentation in a <i>Vibrio anguillarum</i> Strain. <i>Scientific Reports</i> , 2019, 9, 14589.	1.6	2
35	Small <i>Klebsiella pneumoniae</i> Plasmids: Neglected Contributors to Antibiotic Resistance. <i>Frontiers in Microbiology</i> , 2019, 10, 2182.	1.5	23
36	Genetic and Phenotypic Features of a Novel <i>Acinetobacter</i> Species, Strain A47, Isolated From the Clinical Setting. <i>Frontiers in Microbiology</i> , 2019, 10, 1375.	1.5	4

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37	Restoration of susceptibility to amikacin by 8-hydroxyquinoline analogs complexed to zinc. <i>PLoS ONE</i> , 2019, 14, e0217602.	1.1	18
38	ICE SXT vs. ICESh95: Co-existence of Integrative and Conjugative Elements and Competition for a New Host. <i>Scientific Reports</i> , 2019, 9, 8045.	1.6	3
39	A Study on <i>Acinetobacter baumannii</i> and <i>Staphylococcus aureus</i> Strains Recovered from the Same Infection Site of a Diabetic Patient. <i>Current Microbiology</i> , 2019, 76, 842-847.	1.0	27
40	Whole Genome Sequence Analysis of <i>Burkholderia contaminans</i> FFH2055 Strain Reveals the Presence of Putative $\beta$ -Lactamases. <i>Current Microbiology</i> , 2019, 76, 485-494.	1.0	2
41	Human pleural fluid triggers global changes in the transcriptional landscape of <i>Acinetobacter baumannii</i> as an adaptive response to stress. <i>Scientific Reports</i> , 2019, 9, 17251.	1.6	27
42	Interspecies DNA acquisition by a naturally competent <i>Acinetobacter baumannii</i> strain. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 483-490.	1.1	14
43	Human fluids alter DNA-acquisition in <i>Acinetobacter baumannii</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 93, 183-187.	0.8	20
44	Effect of Host Human Products on Natural Transformation in <i>Acinetobacter baumannii</i> . <i>Current Microbiology</i> , 2019, 76, 950-953.	1.0	21
45	Characterisation of OXA-258 enzymes and AxyABM efflux pump in <i>Achromobacter ruhlandii</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2018, 14, 233-237.	0.9	7
46	Whole-Genome Analysis of an Extensively Drug-Resistance <i>Empedobacter falsenii</i> Strain Reveals Distinct Features and the Presence of a Novel Metallo- $\beta$ -Lactamase (EBR-2). <i>Current Microbiology</i> , 2018, 75, 1084-1089.	1.0	6
47	The effect of sub-inhibitory concentrations of antibiotics on natural transformation in <i>Acinetobacter baumannii</i> . <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 809-810.	1.1	16
48	Genome sequence analysis of an extensively drug-resistant <i>Acinetobacter baumannii</i> indigo-pigmented strain depicts evidence of increase genome plasticity. <i>Scientific Reports</i> , 2018, 8, 16961.	1.6	28
49	Human serum albumin alters specific genes that can play a role in survival and persistence in <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2018, 8, 14741.	1.6	47
50	Whole-genome analysis and description of an outbreak due to carbapenem-resistant <i>Ochrobactrum anthropi</i> causing pseudo-bacteraemias. <i>New Microbes and New Infections</i> , 2018, 26, 100-106.	0.8	3
51	Clinical cases of VIM-producing <i>Pseudomonas mendocina</i> from two burned patients. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 14, 273-274.	0.9	14
52	Genomics helps to decipher the resistance mechanisms present in a <i>Pseudomonas chlororaphis</i> strain recovered in an HIV patient. <i>New Microbes and New Infections</i> , 2018, 25, 45-47.	0.8	7
53	Comparison between disk diffusion and agar dilution methods to determine in vitro susceptibility of <i>Corynebacterium</i> spp. clinical isolates and update of their susceptibility. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 14, 246-252.	0.9	20
54	Antimicrobial susceptibility of clinical isolates of <i>Actinomyces</i> and related genera reveals an unusual clindamycin resistance among <i>Actinomyces urogenitalis</i> strains. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 8, 115-120.	0.9	31

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55	Light Modulates Metabolic Pathways and Other Novel Physiological Traits in the Human Pathogen <i>Acinetobacter baumannii</i> . <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	49
56	Genetic analysis of a PER-2-producing <i>Shewanella</i> sp. strain harbouring a variety of mobile genetic elements and antibiotic resistance determinants. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 11, 81-86.	0.9	10
57	Amikacin: Uses, Resistance, and Prospects for Inhibition. <i>Molecules</i> , 2017, 22, 2267.	1.7	156
58	ISCR2 and IS26: Two Insertion Sequences Highly Dispersed among <i>Acinetobacter</i> spp. Clinical Strains. <i>Journal of Bacteriology &amp; Mycology Open Access</i> , 2017, 4, .	0.2	2
59	Matrix-assisted Laser Desorption Ionization-Time-of-Flight Mass Spectrometry (MALDI-TOF MS) as a Reliable Tool to Identify Species of Catalase-negative Gram-positive Cocci not Belonging to the <i>Streptococcus</i> Genus. <i>Open Microbiology Journal</i> , 2016, 10, 202-208.	0.2	9
60	The Genetic Analysis of an <i>Acinetobacter johnsonii</i> Clinical Strain Evidenced the Presence of Horizontal Genetic Transfer. <i>PLoS ONE</i> , 2016, 11, e0161528.	1.1	35
61	Whole-Genome Comparative Analysis of Two Carbapenem-Resistant ST-258 <i>Klebsiella pneumoniae</i> Strains Isolated during a North-Eastern Ohio Outbreak: Differences within the High Heterogeneity Zones. <i>Genome Biology and Evolution</i> , 2016, 8, 2036-2043.	1.1	28
62	Serum Albumin and Ca <sup>2+</sup> Are Natural Competence Inducers in the Human Pathogen <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4920-4929.	1.4	58
63	Analysis of class 2 integrons as a marker for multidrug resistance among Gram negative bacilli. <i>AIMS Genetics</i> , 2016, 03, 196-204.	1.9	0
64	More Than Just Light: Clinical Relevance of Light Perception in the Nosocomial Pathogen <i>Acinetobacter baumannii</i> and Other Members of the Genus <i>Acinetobacter</i> . <i>Photochemistry and Photobiology</i> , 2015, 91, 1291-1301.	1.3	38
65	Draft Genome of the Multidrug-Resistant <i>Acinetobacter baumannii</i> Strain A155 Clinical Isolate. <i>Genome Announcements</i> , 2015, 3, .	0.8	21
66	Inhibition of Aminoglycoside 6â€²-N-Acetyltransferase Type Ib-Mediated Amikacin Resistance in <i>Klebsiella pneumoniae</i> by Zinc and Copper Pyrithione. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5851-5853.	1.4	34
67	White and blue light induce reduction in susceptibility to minocycline and tigecycline in <i>Acinetobacter</i> spp. and other bacteria of clinical importance. <i>Journal of Medical Microbiology</i> , 2015, 64, 525-537.	0.7	46
68	Evaluation of matrix-assisted laser desorption ionization-time-of-flight mass spectrometry for species identification of Nonfermenting Gram-Negative Bacilli. <i>Journal of Microbiological Methods</i> , 2015, 112, 24-27.	0.7	37
69	Draft Genome Sequence of a Taxonomically Unique <i>Acinetobacter</i> Clinical Strain with Proteolytic and Hemolytic Activities. <i>Genome Announcements</i> , 2015, 3, .	0.8	10
70	Draft Genome Sequence of <i>Empedobacter</i> (Formerly <i>Wautersiella</i> ) <i>falsenii</i> comb. nov. Wf282, a Strain Isolated from a Cervical Neck Abscess. <i>Genome Announcements</i> , 2015, 3, .	0.8	8
71	A Taxonomically Unique <i>Acinetobacter</i> Strain with Proteolytic and Hemolytic Activities Recovered from a Patient with a Soft Tissue Injury. <i>Journal of Clinical Microbiology</i> , 2015, 53, 349-351.	1.8	13
72	Comparison of the Bruker MALDI-TOF Mass Spectrometry System and Conventional Phenotypic Methods for Identification of Gram-Positive Rods. <i>PLoS ONE</i> , 2014, 9, e106303.	1.1	77

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73	Bacteremia caused by an <i>Acinetobacter junii</i> strain harboring class 1 integron and diverse DNA mobile elements. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 666-669.	0.5	6
74	Draft Genome Sequence of an International Clonal Lineage 1 <i>Acinetobacter baumannii</i> Strain from Argentina. <i>Genome Announcements</i> , 2014, 2, .	0.8	7
75	Whole-Genome Sequence Analysis of the Naturally Competent <i>Acinetobacter baumannii</i> Clinical Isolate A118. <i>Genome Biology and Evolution</i> , 2014, 6, 2235-2239.	1.1	85
76	Inhibition of Aminoglycoside 6â€²- <i>N</i>-Acetyltransferase Type Ib by Zinc: Reversal of Amikacin Resistance in <i>Acinetobacter baumannii</i> and <i>Escherichia coli</i> by a Zinc Ionophore. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4238-4241.	1.4	43
77	Presence of OXA-Type Enzymes in <i>Achromobacter insuavis</i> and <i>A. dolens</i> . <i>Current Microbiology</i> , 2014, 69, 501-506.	1.0	11
78	Plasmid-Mediated Antibiotic Resistance and Virulence in Gram-Negatives: the <i>Klebsiella pneumoniae</i> Paradigm. <i>Microbiology Spectrum</i> , 2014, 2, 1-15.	1.2	93
79	Draft Genome Sequence of an Extensively Drug-Resistant <i>Acinetobacter baumannii</i> Indigo-Pigmented Strain. <i>Genome Announcements</i> , 2014, 2, .	0.8	6
80	Distribution of Allelic Variants of the Chromosomal Gene bla OXA-114-like in <i>Achromobacter xylosoxidans</i> Clinical Isolates. <i>Current Microbiology</i> , 2013, 67, 596-600.	1.0	7
81	Outbreak of Extensively Drug-Resistant <i>Acinetobacter baumannii</i> Indigo-Pigmented Strains. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3726-3730.	1.8	21
82	<i>Acinetobacter baumannii</i> extensively drug resistant lineages in Buenos Aires hospitals differ from the international clones Iâ€™III. <i>Infection, Genetics and Evolution</i> , 2013, 14, 294-301.	1.0	74
83	Spreading of AbaR-type Genomic Islands in Multidrug Resistance <i>Acinetobacter baumannii</i> Strains Belonging to Different Clonal Complexes. <i>Current Microbiology</i> , 2013, 67, 9-14.	1.0	53
84	Genome Sequences of Two <i>Klebsiella pneumoniae</i> Isolates from Different Geographical Regions, Argentina (Strain JHCK1) and the United States (Strain VA360). <i>Genome Announcements</i> , 2013, 1, .	0.8	13
85	Emergence and Spread of Plasmid-Borne <i>tet</i>(B)::IS <i>CR2</i> in Minocycline-Resistant <i>Acinetobacter baumannii</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 651-654.	1.4	44
86	OXA-258 from <i>Achromobacter ruhlandii</i> : a Species-Specific Marker. <i>Journal of Clinical Microbiology</i> , 2013, 51, 1602-1605.	1.8	14
87	Rise and dissemination of aminoglycoside resistance: the aac(6â€²)-Ib paradigm. <i>Frontiers in Microbiology</i> , 2013, 4, 121.	1.5	133
88	<i>Achromobacter xylosoxidans</i> : An Emerging Pathogen Carrying Different Elements Involved in Horizontal Genetic Transfer. <i>Current Microbiology</i> , 2012, 65, 673-678.	1.0	41
89	Transposons and integrons in colistin-resistant clones of <i>Klebsiella pneumoniae</i> and <i>Acinetobacter baumannii</i> with epidemic or sporadic behaviour. <i>Journal of Medical Microbiology</i> , 2012, 61, 1417-1420.	0.7	52
90	<i>Acinetobacter baumannii</i> is Able to Gain and Maintain a Plasmid Harboring In35 Found in Enterobacteriaceae Isolates From Argentina. <i>Current Microbiology</i> , 2012, 64, 211-213.	1.0	18

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91	Class 2 Integrons Dissemination Among Multidrug Resistance (MDR) Clones of <i>Acinetobacter baumannii</i> . <i>Current Microbiology</i> , 2012, 64, 290-293.	1.0	11
92	Increasing frequency of class 1 and 2 integrons in multidrug-resistant clones of <i>Acinetobacter baumannii</i> reveals the need for continuous molecular surveillance. <i>International Journal of Antimicrobial Agents</i> , 2011, 37, 175-177.	1.1	11
93	Genomic Analysis of <i>Acinetobacter baumannii</i> A118 by Comparison of Optical Maps: Identification of Structures Related to Its Susceptibility Phenotype. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1520-1526.	1.4	48
94	Novel Insights about Class 2 Integrons from Experimental and Genomic Epidemiology. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 699-706.	1.4	93
95	Naturally Competent <i>Acinetobacter baumannii</i> Clinical Isolate as a Convenient Model for Genetic Studies. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1488-1490.	1.8	95
96	Reservoir of Antimicrobial Resistance Determinants Associated with Horizontal Gene Transfer in Clinical Isolates of the Genus <i>Shewanella</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4516-4517.	1.4	16
97	Aminoglycoside modifying enzymes. <i>Drug Resistance Updates</i> , 2010, 13, 151-171.	6.5	1,007
98	Functional characterization of Tn1331 gene cassettes. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 669-673.	1.3	26
99	Polyclonal spread of blaOXA-23 and blaOXA-58 in <i>Acinetobacter baumannii</i> isolates from Argentina. <i>Journal of Infection in Developing Countries</i> , 2008, 2, 235-40.	0.5	45
100	Novel Rearrangement of a Class 2 Integron in Two Non-Epidemiologically Related Isolates of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 5179-5181.	1.4	63
101	Class 2 Integron with a Novel Cassette Array in a <i>Burkholderia cenocepacia</i> Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4418-4420.	1.4	47
102	Plasmid-Mediated Antibiotic Resistance and Virulence in Gram-Negatives: The <i>Klebsiella pneumoniae</i> Paradigm. , 0, , 459-474.		0
103	Zidebactam restores sulbactam susceptibility against carbapenem-resistant <i>Acinetobacter baumannii</i> isolates. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	2