

Gerardo E Gonzalez-Rocha

List of Publications by Citations

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68
papers

1,093
citations

19
h-index

29
g-index

88
ext. papers

1,472
ext. citations

3.9
avg, IF

4.27
L-index

#	Paper	IF	Citations
68	Occurrence of antibiotics and bacterial resistance in wastewater and sea water from the Antarctic. <i>Journal of Hazardous Materials</i> , 2019 , 363, 447-456	12.8	96
67	Characterization of RarA, a novel AraC family multidrug resistance regulator in <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 4450-8	5.9	73
66	Genetic regulation of the ramA locus and its expression in clinical isolates of <i>Klebsiella pneumoniae</i> . <i>International Journal of Antimicrobial Agents</i> , 2011 , 38, 39-45	14.3	63
65	Detection of the floR gene in a diversity of florfenicol resistant Gram-negative bacilli from freshwater salmon farms in Chile. <i>Zoonoses and Public Health</i> , 2010 , 57, 181-8	2.9	51
64	Dissemination of multiple drug resistance genes by class 1 integrons in <i>Klebsiella pneumoniae</i> isolates from four countries: a comparative study. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3140-9	5.9	46
63	Extended-spectrum beta-lactamases belonging to CTX-M group produced by <i>Escherichia coli</i> strains isolated from companion animals treated with enrofloxacin. <i>Veterinary Microbiology</i> , 2008 , 129, 203-8	3.3	44
62	Presence of integrons in isolates of different biotypes of <i>Acinetobacter baumannii</i> from Chilean hospitals. <i>FEMS Microbiology Letters</i> , 1998 , 161, 125-8	2.9	42
61	OXA-type carbapenemases in <i>Acinetobacter baumannii</i> in South America. <i>Journal of Infection in Developing Countries</i> , 2012 , 6, 311-6	2.3	41
60	Antibacterial activity of the Antarctic bacterium <i>Janthinobacterium</i> sp. SMN 33.6 against multi-resistant Gram-negative bacteria. <i>Electronic Journal of Biotechnology</i> , 2014 , 17, 1-5	3.1	31
59	Antibiotic resistance in <i>Escherichia coli</i> strains isolated from Antarctic bird feces, water from inside a wastewater treatment plant, and seawater samples collected in the Antarctic Treaty area. <i>Polar Science</i> , 2016 , 10, 123-131	2.3	31
58	Biodegradation of phenol by cold-adapted bacteria from Antarctic soils. <i>Polar Biology</i> , 2018 , 41, 553-562		26
57	Evaluating the effects of chlortetracycline on the proliferation of antibiotic-resistant bacteria in a simulated river water ecosystem. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 5421-5	4.8	25
56	Prevalence and types of class 1 integrons in aminoglycoside-resistant Enterobacteriaceae from several Chilean hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 51, 317-21	5.1	25
55	Metagenomic study of bacterial microbiota in persistent endodontic infections using Next-generation sequencing. <i>International Endodontic Journal</i> , 2018 , 51, 1336-1348	5.4	25
54	Diversity structure of culturable bacteria isolated from the Fildes Peninsula (King George Island, Antarctica): A phylogenetic analysis perspective. <i>PLoS ONE</i> , 2017 , 12, e0179390	3.7	23
53	Antibiotic resistance in bacterial isolates from freshwater samples in Fildes Peninsula, King George Island, Antarctica. <i>Scientific Reports</i> , 2020 , 10, 3145	4.9	21
52	Inhibition of <i>Flavobacterium psychrophilum</i> biofilm formation using a biofilm of the antagonist <i>Pseudomonas fluorescens</i> FF48. <i>SpringerPlus</i> , 2013 , 2, 176		21

51	Pseudomonas and Pedobacter isolates from King George Island inhibited the growth of foodborne pathogens. <i>Polish Polar Research</i> , 2011 , 32, 3-14		21
50	Occurrence of Transferable Integrons and Genes Among Sulfonamide-and/or Trimethoprim-Resistant Bacteria Isolated From Chilean Salmonid Farms. <i>Frontiers in Microbiology</i> , 2019 , 10, 748	5.7	20
49	Production of extracellular hydrolase enzymes by fungi from King George Island. <i>Polar Biology</i> , 2016 , 39, 65-76	2	19
48	Biodegradation of diesel oil by cold-adapted bacterial strains of Arthrobacter spp. from Antarctica. <i>Antarctic Science</i> , 2020 , 32, 341-353	1.7	18
47	Molecular typing and genetic environment of the blaKPC gene in Chilean isolates of Klebsiella pneumoniae. <i>Journal of Global Antimicrobial Resistance</i> , 2016 , 4, 28-34	3.4	16
46	Genomic Diversity of Isolated from Clinical and Non-Clinical Samples in Chile. <i>Genes</i> , 2018 , 9,	4.2	15
45	Role of shellfish hatchery as a reservoir of antimicrobial resistant bacteria. <i>Marine Pollution Bulletin</i> , 2013 , 74, 334-43	6.7	14
44	Role of wastewater treatment plants on environmental abundance of Antimicrobial Resistance Genes in Chilean rivers. <i>International Journal of Hygiene and Environmental Health</i> , 2020 , 223, 56-64	6.9	14
43	Antibiotic and metal resistance of cultivable bacteria in the Antarctic sea urchin. <i>Antarctic Science</i> , 2016 , 28, 261-268	1.7	14
42	Growth inhibition of bacterial fish pathogens and quorum-sensing blocking by bacteria recovered from Chilean salmonid farms. <i>Journal of Aquatic Animal Health</i> , 2015 , 27, 112-22	2.6	13
41	Characterization of Vibrio parahaemolyticus strains isolated in Chile in 2005 and in 2007. <i>Journal of Infection in Developing Countries</i> , 2011 , 5, 502-10	2.3	13
40	Evolutionary dynamics of carbapenem-resistant Acinetobacter baumannii circulating in Chilean hospitals. <i>Infection, Genetics and Evolution</i> , 2019 , 73, 93-97	4.5	12
39	Activity of selected beta-lactams, ciprofloxacin, and amikacin against different Acinetobacter baumannii biotypes from Chilean hospitals. <i>Diagnostic Microbiology and Infectious Disease</i> , 1997 , 28, 183-6 ⁹	2.9	12
38	Antibiotic activity of Emerimicin IV isolated from Emericellopsis minima from Talcahuano Bay, Chile. <i>Natural Product Research</i> , 2018 , 32, 1361-1364	2.3	11
37	Activity of imipenem, third-generation cephalosporins, aztreonam and ciprofloxacin against multi-resistant gram-negative bacilli isolated from Chilean hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 1993 , 32, 413-9	5.1	11
36	Genetic analysis of the first mcr-1 positive Escherichia coli isolate collected from an outpatient in Chile. <i>Brazilian Journal of Infectious Diseases</i> , 2019 , 23, 203-206	2.8	10
35	A One Health - One World initiative to control antibiotic resistance: A Chile - Sweden collaboration. <i>One Health</i> , 2019 , 8, 100100	7.6	10
34	Biosurfactant Production and Growth Kinetics Studies of the Waste Canola Oil-Degrading Bacterium AQ5-07 from Antarctica. <i>Molecules</i> , 2020 , 25,	4.8	10

33	Optimisation of biodegradation conditions for waste canola oil by cold-adapted <i>Rhodococcus</i> sp. AQ5-07 from Antarctica. <i>Electronic Journal of Biotechnology</i> , 2020 , 48, 1-12	3.1	8
32	Antibiotic Resistance Genes in Freshwater Trout Farms in a Watershed in Chile. <i>Journal of Environmental Quality</i> , 2019 , 48, 1462-1471	3.4	7
31	Genetic Platforms of in Carbapenemase-Producing Strains of Isolated in Chile. <i>Frontiers in Microbiology</i> , 2018 , 9, 324	5.7	7
30	Actividad inhibitoria del sobrenadante de la bacteria Antártica <i>Pseudomonas</i> sp. M19B en la formación de biopelículas de <i>Flavobacterium psychrophilum</i> 19749. <i>Revista De Biología Marina Y Oceanografía</i> , 2015 , 50, 375-381	2	7
29	Identification and biotyping of <i>Acinetobacter</i> spp. isolated in Chilean hospitals. <i>Journal of Hospital Infection</i> , 1995 , 30, 267-71	6.9	7
28	Hypervirulent and hypermucoviscous extended-spectrum β -lactamase-producing and in Chile. <i>Virulence</i> , 2021 , 12, 35-44	4.7	7
27	The efflux pump inhibitor phenylalanine-arginine β -naphthylamide (PAN) increases resistance to carbapenems in Chilean clinical isolates of KPC-producing <i>Klebsiella pneumoniae</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2018 , 12, 73-76	3.4	6
26	On-Farm Surfaces in Contact with Milk: The Role of β -Containing Biofilms for Udder Health and Milk Quality. <i>Foodborne Pathogens and Disease</i> , 2020 , 17, 44-51	3.8	6
25	Scallop larvae hatcheries as source of bacteria carrying genes encoding for non-enzymatic phenicol resistance. <i>Marine Pollution Bulletin</i> , 2015 , 95, 173-82	6.7	5
24	Tn7::In2-8 dispersion in multidrug resistant isolates of <i>Acinetobacter baumannii</i> from Chile. <i>Revista Argentina De Microbiología</i> , 2010 , 42, 138-40	1.8	5
23	Statistical Optimisation of Phenol Degradation and Pathway Identification through Whole Genome Sequencing of the Cold-Adapted Antarctic Bacterium, sp. Strain AQ5-07. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
22	Draft genome sequence of a multidrug-resistant KPC-2 and SRT-2 co-producing <i>Serratia marcescens</i> strain isolated from a hospitalised patient in Chile. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 21, 1-2	3.4	4
21	A New Kind of Quinonic-Antibiotic Useful Against Multidrug-Resistant and Infections. <i>Molecules</i> , 2018 , 23,	4.8	4
20	<i>Enterococcus</i> spp. isolated from root canals with persistent chronic apical periodontitis in a Chilean population. <i>Brazilian Journal of Oral Sciences</i> , 2015 , 14, 240-245	10	4
19	Effect of heavy metals and other xenobiotics on biodegradation of waste canola oil by cold-adapted <i>Rhodococcus</i> sp. strain AQ5-07. <i>Revista Mexicana De Ingeniería Química</i> , 2020 , 19, 1041-1052 ^{1.8}	1.8	4
18	Genetic Features of Antarctic Strain A154 Harboring Multiple Antibiotic-Resistance Genes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 328	5.9	3
17	First report of <i>bla</i> in <i>Acinetobacter baumannii</i> isolates from Chilean hospitals. <i>Journal of Global Antimicrobial Resistance</i> , 2015 , 3, 54-55	3.4	3
16	Widespread Environmental Presence of Multidrug-Resistant in an Equine Veterinary Hospital That Received Local and International Horses. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 346	3.1	3

15	Phenotypic and Genotypic Antimicrobial Resistance in Non-O157 Shiga Toxin-Producing Isolated From Cattle and Swine in Chile. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 367	3.1	3
14	Phylogeographical Analyses and Antibiotic Resistance Genes of Highlight Its Clinical Relevance. <i>MSphere</i> , 2020 , 5,	5	3
13	Activity of cefepime, cefotaxime, ceftazidime, and aztreonam against extended-spectrum-producing isolates of <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> from Chilean hospitals. <i>Diagnostic Microbiology and Infectious Disease</i> , 2001 , 40, 41-3	2.9	3
12	Molecular diversity of <i>Staphylococcus aureus</i> and the role of milking equipment adherences or biofilm as a source for bulk tank milk contamination. <i>Journal of Dairy Science</i> , 2021 , 104, 3522-3531	4	3
11	Introduction of NDM-1 and OXA-370 from Brazil into Chile in strains of <i>Klebsiella pneumoniae</i> isolated from a single patient. <i>International Journal of Infectious Diseases</i> , 2019 , 81, 28-30	10.5	2
10	Caracterizaci3n cl3nica y molecular de bacteriemias causadas por enterobacterias productoras de β-lactamasas de espectro extendido: 2004-2007. <i>Revista Chilena De Infectologia</i> , 2011 , 28, 563-571	0	2
9	Genomic features of a carbapenem-resistant OXA-219-positive <i>Acinetobacter baumannii</i> of international ST15 (CC15) from a patient with community-onset urinary tract infection in Chilean Patagonia. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 22, 756-758	3.4	2
8	Colistin Heteroresistance among Extended Spectrum βactamasas-Producing. <i>Microorganisms</i> , 2020 , 8,	4.9	2
7	Purified proteases of two Antarctic bacteria: from screening to characterization. <i>Antarctic Science</i> ,1-12	1.7	1
6	New Quinone Antibiotics against Methicillin-Resistant. <i>Antibiotics</i> , 2021 , 10,	4.9	1
5	Molecular Typing of <i>Enterococcus faecalis</i> from Persistent Endodontic Infections. <i>International Journal of Odontostomatology</i> , 2018 , 12, 113-119	0.6	1
4	Microbiota composition and susceptibility to florfenicol and oxytetracycline of bacterial isolates from mussels (<i>Mytilus</i> spp.) reared on different years and distance from salmon farms. <i>Environmental Research</i> , 2021 , 204, 112068	7.9	1
3	Selective digestive decontamination with oral colistin plus gentamicin for persistent bacteraemia caused by non-carbapenemase-producing carbapenem-resistant in a neutropenic patient. <i>JAC-Antimicrobial Resistance</i> , 2021 , 3, dlab079	2.9	0
2	Molecular characterization and antibacterial activity of oral antibiotics and copper nanoparticles against endodontic pathogens commonly related to health care-associated infections. <i>Clinical Oral Investigations</i> , 2021 , 25, 6729-6741	4.2	0
1	Mec-Positive <i>Staphylococcus</i> Healthcare-Associated Infections Presenting High Transmission Risks for Antimicrobial-Resistant Strains in an Equine Hospital. <i>Antibiotics</i> , 2022 , 11, 621	4.9	0