

# Leticia Barrientos DÃ-az

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

767  
citations

516561

16  
h-index

552653

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucilaginibacter sp. Strain Metal(loid) and Antibiotic Resistance Isolated from Estuarine Soil Contaminated Mine Tailing from the Fundão Dam. <i>Genes</i> , 2022, 13, 174.	1.0	4
2	Antimicrobial activity of Cyanobacteria-derived compounds. , 2022, , 145-172.		4
3	Association of Progranulin Gene Expression from Dyspeptic Patients with Virulent Helicobacter pylori Strains; In Vivo Model. <i>Microorganisms</i> , 2022, 10, 998.	1.6	0
4	Metagenomic Characterization of Resistance Genes in Deception Island and Their Association with Mobile Genetic Elements. <i>Microorganisms</i> , 2022, 10, 1432.	1.6	5
5	Two Archaeal Metagenome-Assembled Genomes from El Tatio Provide New Insights into the Crenarchaeota Phylum. <i>Genes</i> , 2021, 12, 391.	1.0	5
6	A Pesticide Biopurification System: A Source of Biosurfactant-Producing Bacteria with Environmental Biotechnology Applications. <i>Agronomy</i> , 2021, 11, 624.	1.3	18
7	Antarctic Rahnella inusitata: A Producer of Cold-Stable Î²-Galactosidase Enzymes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4144.	1.8	8
8	Natural Pigments of Bacterial Origin and Their Possible Biomedical Applications. <i>Microorganisms</i> , 2021, 9, 739.	1.6	31
9	Antibacterial Activity and Cytotoxicity of Silver Chloride/Silver Nanocomposite Synthesized by a Bacterium Isolated from Antarctic Soil. <i>BioNanoScience</i> , 2020, 10, 136-148.	1.5	8
10	MALDI-TOF MS and 16S RNA Identification of Culturable Gastric Microbiota: Variability Associated with the Presence of Helicobacter pylori. <i>Microorganisms</i> , 2020, 8, 1763.	1.6	8
11	Genomic and Metabolomic Analysis of Antarctic Bacteria Revealed Culture and Elicitation Conditions for the Production of Antimicrobial Compounds. <i>Biomolecules</i> , 2020, 10, 673.	1.8	10
12	Computational methods for 16S metabarcoding studies using Nanopore sequencing data. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 296-305.	1.9	92
13	ANTIFUNGAL ACTIVITY SCREENING OF ANTARCTIC ACTINOBACTERIA AGAINST PHYTOPATHOGENIC FUNGI. <i>Acta Biologica Colombiana</i> , 2020, 25, 353-358.	0.1	6
14	Comparison of antibacterial and antibiofilm activities of biologically synthesized silver nanoparticles against several bacterial strains of medical interest. <i>Energy, Ecology and Environment</i> , 2019, 4, 143-159.	1.9	20
15	Antarctic Streptomyces fildesensis So13.3 strain as a promising source for antimicrobials discovery. <i>Scientific Reports</i> , 2019, 9, 7488.	1.6	27
16	High prevalence of CTX-M-1 group in ESBL-producing enterobacteriaceae infection in intensive care units in southern Chile. <i>Brazilian Journal of Infectious Diseases</i> , 2019, 23, 102-110.	0.3	29
17	Evaluation of dye sensitized solar cells based on a pigment obtained from Antarctic Streptomyces fildesensis. <i>Solar Energy</i> , 2019, 181, 379-385.	2.9	30
18	Prevalence of Infection and Antibiotic Susceptibility of Helicobacter pylori: An Evaluation in Public and Private Health Systems of Southern Chile. <i>Pathogens</i> , 2019, 8, 226.	1.2	10

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19	Advances in Antarctic Research for Antimicrobial Discovery: A Comprehensive Narrative Review of Bacteria from Antarctic Environments as Potential Sources of Novel Antibiotic Compounds Against Human Pathogens and Microorganisms of Industrial Importance. <i>Antibiotics</i> , 2018, 7, 90.	1.5	60
20	<i>Streptomyces luridus</i> So3.2 from Antarctic soil as a novel producer of compounds with bioemulsification potential. <i>PLoS ONE</i> , 2018, 13, e0196054.	1.1	17
21	Bioprospecting for extracellular enzymes from culturable Actinobacteria from the South Shetland Islands, Antarctica. <i>Polar Biology</i> , 2017, 40, 719-726.	0.5	38
22	Implicancias Estructurales y Fisiológicas de la Célula Bacteriana en los Mecanismos de Resistencia Antibiótica. <i>International Journal of Morphology</i> , 2017, 35, 1214-1223.	0.1	7
23	Nanopartículas Sintetizadas por Bacterias Antárticas y sus Posibles Mecanismos de Síntesis. <i>International Journal of Morphology</i> , 2017, 35, 26-33.	0.1	2
24	Polyphenol-Rich Extract from Propolis Reduces the Expression and Activity of <i>Streptococcus mutans</i> Glucosyltransferases at Subinhibitory Concentrations. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	22
25	Antibiofilm Activity of Chilean Propolis on <i>Streptococcus mutans</i> Is Influenced by the Year of Collection. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	30
26	Chemical and botanical characterization of Chilean propolis and biological activity on cariogenic bacteria <i>Streptococcus mutans</i> and <i>Streptococcus sobrinus</i> . <i>Brazilian Journal of Microbiology</i> , 2013, 44, 577-585.	0.8	56
27	Soils suppressive against <i>Gaeumannomyces graminis</i> var. <i>tritici</i> identified under wheat crop monoculture in southern Chile. <i>Ciencia E Investigacion Agraria</i> , 2011, 38, 345-356.	0.2	16
28	The antifungal effect of six commercial extracts of Chilean propolis on <i>Candida</i> spp. <i>Ciencia E Investigacion Agraria</i> , 2010, 37, .	0.2	33
29	Heronapyrroles A <sup>+</sup> C: Farnesylated 2-Nitropyrroles from an Australian Marine-Derived <i>Streptomyces</i> sp.. <i>Organic Letters</i> , 2010, 12, 5158-5161.	2.4	63
30	Development of a biofertilizer based on filamentous nitrogen-fixing cyanobacteria for rice crops in Chile. <i>Journal of Applied Phycology</i> , 2009, 21, 135-144.	1.5	74
31	Acción Antimicrobiana in vitro de la Miel de Abejas sobre los Microorganismos Cariogénicos <i>Streptococos</i> del Grupo <i>mutans</i> . <i>International Journal of Morphology</i> , 2009, 27, .	0.1	3
32	Characterization of rhizospheric bacteria isolated from <i>Deschampsia antarctica</i> Desv.. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 2289-2296.	1.7	31