Leticia Barrientos DÃ-az

List of Publications by Year
in descending order

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	Computational methods for 16S metabarcoding studies using Nanopore sequencing data. Computational and Structural Biotechnology Journal, 2020, 18, 296-305.	1.9	92
2	Development of a biofertilizer based on filamentous nitrogen-fixing cyanobacteria for rice crops in Chile. Journal of Applied Phycology, 2009, 21, 135-144.	1.5	74
3	Heronapyrroles Aâ€"C: Farnesylated 2-Nitropyrroles from an Australian Marine-Derived Streptomyces sp.. Organic Letters, 2010, 12, 5158-5161.	2.4	63
4	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. Antibiotics, 2018, 7, 90.	1.5	60
5	Chemical and botanical characterization of Chilean propolis and biological activity on cariogenic bacteria Streptococcus mutans and Streptococcus sobrinus. Brazilian Journal of Microbiology, 2013, 44, 577-585.	0.8	56
6	Bioprospecting for extracellular enzymes from culturable Actinobacteria from the South Shetland Islands, Antarctica. Polar Biology, 2017, 40, 719-726.	0.5	38
7	The antifungal effect of six commercial extracts of Chilean propolis on Candida spp. Ciencia E Investigacion Agraria, 2010, 37, .	0.2	33
8	Characterization of rhizospheric bacteria isolated from Deschampsia antarctica Desv.. World Journal of Microbiology and Biotechnology, 2008, 24, 2289-2296.	1.7	31
9	Natural Pigments of Bacterial Origin and Their Possible Biomedical Applications. Microorganisms, 2021, 9, 739.	1.6	31
10	Antibiofilm Activity of Chilean Propolis onStreptococcus mutansIs Influenced by the Year of Collection. BioMed Research International, 2015, 2015, 1-6.	0.9	30
11	Evaluation of dye sensitized solar cells based on a pigment obtained from Antarctic Streptomyces fildesensis. Solar Energy, 2019, 181, 379-385.	2.9	30
12	High prevalence of CTX-M-1 group in ESBL-producing enterobacteriaceae infection in intensive care units in southern Chile. Brazilian Journal of Infectious Diseases, 2019, 23, 102-110.	0.3	29
13	Antarctic Streptomyces fildesensis So13.3 strain as a promising source for antimicrobials discovery. Scientific Reports, 2019, 9, 7488.	1.6	27
14	Polyphenol-Rich Extract from Propolis Reduces the Expression and Activity ofStreptococcus mutansGlucosyltransferases at Subinhibitory Concentrations. BioMed Research International, 2016, 2016, 1-7.	0.9	22
15	Comparison of antibacterial and antibiofilm activities of biologically synthesized silver nanoparticles against several bacterial strains of medical interest. Energy, Ecology and Environment, 2019, 4, 143-159.	1.9	20
16	A Pesticide Biopurification System: A Source of Biosurfactant-Producing Bacteria with Environmental Biotechnology Applications. Agronomy, 2021, 11, 624.	1.3	18
17	Streptomyces luridus So3.2 from Antarctic soil as a novel producer of compounds with bioemulsification potential. PLoS ONE, 2018, 13, e0196054.	1.1	17
18	Soils suppressive against Gaeumannomyces graminis var. tritici identified under wheat crop monoculture in southern Chile. Ciencia E Investigacion Agraria, 2011, 38, 345-356.	0.2	16

#	Article	IF	Citations
19	Prevalence of Infection and Antibiotic Susceptibility of Helicobacter pylori: An Evaluation in Public and Private Health Systems of Southern Chile. Pathogens, 2019, 8, 226.	1.2	10
20	Genomic and Metabolomic Analysis of Antarctic Bacteria Revealed Culture and Elicitation Conditions for the Production of Antimicrobial Compounds. Biomolecules, 2020, 10, 673.	1.8	10
21	Antibacterial Activity and Cytotoxicity of Silver Chloride/Silver Nanocomposite Synthesized by a Bacterium Isolated from Antarctic Soil. BioNanoScience, 2020, 10, 136-148.	1.5	8
22	MALDI-TOF MS and 16S RNA Identification of Culturable Gastric Microbiota: Variability Associated with the Presence of Helicobacter pylori. Microorganisms, 2020, 8, 1763.	1.6	8
23	Antarctic Rahnella inusitata: A Producer of Cold-Stable Î²-Galactosidase Enzymes. International Journal of Molecular Sciences, 2021, 22, 4144.	1.8	8
24	Implicancias Estructurales y FisiolÃ³gicas de la CÃ©lula Bacteriana en los Mecanismos de Resistencia AntibiÃ³tica. International Journal of Morphology, 2017, 35, 1214-1223.	0.1	7
25	ANTIFUNGAL ACTIVITY SCREENING OF ANTARCTIC ACTINOBACTERIA AGAINST PHYTOPATHOGENIC FUNGI. Acta Biologica Colombiana, 2020, 25, 353-358.	0.1	6
26	Two Archaeal Metagenome-Assembled Genomes from El Tatio Provide New Insights into the Crenarchaeota Phylum. Genes, 2021, 12, 391.	1.0	5
27	Metagenomic Characterization of Resistance Genes in Deception Island and Their Association with Mobile Genetic Elements. Microorganisms, 2022, 10, 1432.	1.6	5
28	Mucilaginibacter sp. Strain Metal(loid) and Antibiotic Resistance Isolated from Estuarine Soil Contaminated Mine Tailing from the FundÃ£o Dam. Genes, 2022, 13, 174.	1.0	4
29	Antimicrobial activity of Cyanobacteria-derived compounds. , 2022, , 145-172.		4
30	AcciÃ³n Antimicrobiana in vitro de la Miel de Abejas sobre los Microorganismos CariogÃ©nicos Estreptococos del Grupo mutans. International Journal of Morphology, 2009, 27, .	0.1	3
31	NanopartÃculas Sintetizadas por Bacterias AntÃ¡rticas y sus Posibles Mecanismos de SÃntesis. International Journal of Morphology, 2017, 35, 26-33.	0.1	2
32	Association of Progranulin Gene Expression from Dyspeptic Patients with Virulent Helicobacter pylori Strains; In Vivo Model. Microorganisms, 2022, 10, 998.	1.6	0