

Claudio G Diniz

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,672
citations

361413

20
h-index

330143

37
g-index

74
all docs

74
docs citations

74
times ranked

2928
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro antioxidant potential of medicinal plant extracts and their activities against oral bacteria based on Brazilian folk medicine. <i>Archives of Oral Biology</i> , 2008, 53, 545-552.	1.8	109
2	Antigenic, microbicidal and antiparasitic properties of an L-amino acid oxidase isolated from <i>Bothrops jararaca</i> snake venom. <i>Toxicon</i> , 2009, 53, 330-341.	1.6	107
3	Prevalence and persistence of potentially pathogenic and antibiotic resistant bacteria during anaerobic digestion treatment of cattle manure. <i>Bioresource Technology</i> , 2014, 153, 284-291.	9.6	86
4	Comparative Properties of Amazonian Oils Obtained by Different Extraction Methods. <i>Molecules</i> , 2011, 16, 5875-5885.	3.8	76
5	Differential gene expression in a <i>Bacteroides fragilis</i> metronidazole-resistant mutant. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 100-108.	3.0	64
6	Fungal Diversity of Human Gut Microbiota Among Eutrophic, Overweight, and Obese Individuals Based on Aerobic Culture-Dependent Approach. <i>Current Microbiology</i> , 2018, 75, 726-735.	2.2	60
7	Evaluation of the presence and efficiency of potential probiotic bacteria in the gut of tilapia (<i>Oreochromis niloticus</i>) using the fluorescent in situ hybridization technique. <i>Aquaculture</i> , 2013, 388-391, 115-121.	3.5	57
8	LyeTx I, a potent antimicrobial peptide from the venom of the spider <i>Lycosa erythrognatha</i> . <i>Amino Acids</i> , 2010, 39, 135-144.	2.7	55
9	Identification of periodontal pathogens and severity of periodontitis in patients with and without chronic kidney disease. <i>Archives of Oral Biology</i> , 2011, 56, 804-811.	1.8	54
10	Strategies and molecular tools to fight antimicrobial resistance: resistome, transcriptome, and antimicrobial peptides. <i>Frontiers in Microbiology</i> , 2013, 4, 412.	3.5	51
11	Multidrug-Resistance and Toxic Metal Tolerance of Medically Important Bacteria Isolated from an Aquaculture System. <i>Microbes and Environments</i> , 2012, 27, 449-455.	1.6	50
12	Dynamics of antibiotic resistance genes and presence of putative pathogens during ambient temperature anaerobic digestion. <i>Journal of Applied Microbiology</i> , 2014, 117, 1689-1699.	3.1	50
13	Occurrence and antimicrobial drug susceptibility patterns of commensal and diarrheagenic <i>Escherichia coli</i> in fecal microbiota from children with and without acute diarrhea. <i>Journal of Microbiology</i> , 2011, 49, 46-52.	2.8	48
14	Diarrheagenic <i>Escherichia coli</i> Strains Recovered from Urban Pigeons (<i>Columba livia</i>) in Brazil and Their Antimicrobial Susceptibility Patterns. <i>Current Microbiology</i> , 2009, 59, 302-308.	2.2	47
15	Relationship between structure and antibacterial activity of lipophilic N-acyldiamines. <i>Biomedicine and Pharmacotherapy</i> , 2010, 64, 287-290.	5.6	41
16	Proteomic analysis of <i>Escherichia coli</i> with experimentally induced resistance to piperacillin/tazobactam. <i>Research in Microbiology</i> , 2010, 161, 268-275.	2.1	40
17	Comparative metagenome of a stream impacted by the urbanization phenomenon. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 835-845.	2.0	39
18	Enhanced pathogenicity of susceptible strains of the <i>Bacteroides fragilis</i> group subjected to low doses of metronidazole. <i>Microbes and Infection</i> , 2003, 5, 19-26.	1.9	31

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19	Seasonal Variation on Microbial Community and Methane Production during Anaerobic Digestion of Cattle Manure in Brazil. <i>Microbial Ecology</i> , 2016, 71, 735-746.	2.8	26
20	Lipophilic gold(I) complexes with 1,3,4-oxadiazol-2-thione or 1,3-thiazolidine-2-thione moieties: synthesis and their cytotoxic and antimicrobial activities. <i>BioMetals</i> , 2017, 30, 841-857.	4.1	26
21	Prevalence, Antimicrobial Resistance, and Virulence Characteristics of <i>mecA</i> -Encoding Coagulase-Negative Staphylococci Isolated from Soft Cheese in Brazil. <i>Journal of Food Science</i> , 2013, 78, M594-9.	3.1	21
22	Obesity, Xenobiotic Intake and Antimicrobial-Resistance Genes in the Human Gastrointestinal Tract: A Comparative Study of Eutrophic, Overweight and Obese Individuals. <i>Genes</i> , 2019, 10, 349.	2.4	21
23	Antimicrobial susceptibility and vaginolysin in <i>Gardnerella vaginalis</i> from healthy and bacterial vaginosis diagnosed women. <i>Journal of Infection in Developing Countries</i> , 2016, 10, 913-919.	1.2	21
24	Detection of Group B Streptococcus in Brazilian pregnant women and antimicrobial susceptibility patterns. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 1047-1055.	2.0	20
25	Synthesis and antimicrobial activity of novel amphiphilic aromatic amino alcohols. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2883-2887.	2.2	20
26	Detection and enumeration of periodontopathogenic bacteria in subgingival biofilm of pregnant women. <i>Brazilian Oral Research</i> , 2012, 26, 443-449.	1.4	19
27	Enhanced pathogenicity of <i>Fusobacterium nucleatum</i> adapted to oxidative stress. <i>Microbial Pathogenesis</i> , 2005, 39, 131-138.	2.9	18
28	Epidemiological, Physiological, and Molecular Characteristics of a Brazilian Collection of Carbapenem-Resistant <i>Acinetobacter baumannii</i> and <i>Pseudomonas aeruginosa</i> . <i>Microbial Drug Resistance</i> , 2017, 23, 852-863.	2.0	18
29	Chromosomal Breakage in the <i>B. fragilis</i> Group Induced by Metronidazole Treatment. <i>Anaerobe</i> , 2000, 6, 149-153.	2.1	17
30	Synthesis and Antibacterial Activity of Alkylated Diamines and Amphiphilic Amides of Quinic Acid Derivatives. <i>Chemical Biology and Drug Design</i> , 2015, 86, 344-350.	3.2	17
31	Antibiotic Resistance Genetic Markers and Integrons in White Soft Cheese: Aspects of Clinical Resistome and Potentiality of Horizontal Gene Transfer. <i>Genes</i> , 2018, 9, 106.	2.4	17
32	Synthesis, Cytotoxicity, Antibacterial and Antileishmanial Activities of Imidazolidine and Hexahydropyrimidine Derivatives. <i>Medicinal Chemistry</i> , 2013, 9, 351-359.	1.5	17
33	Synthesis and Antibacterial Activity of Aromatic and Heteroaromatic Amino Alcohols. <i>Chemical Biology and Drug Design</i> , 2011, 78, 876-880.	3.2	16
34	Occurrence of Multidrug-Resistant and Toxic-Metal Tolerant Enterococci in Fresh Feces from Urban Pigeons in Brazil. <i>Microbes and Environments</i> , 2012, 27, 179-185.	1.6	16
35	Effect of Metronidazole on the Pathogenicity of Resistant <i>Bacteroides</i> Strains in Gnotobiotic Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2419-2423.	3.2	15
36	Isolation, identification and antimicrobial susceptibility of <i>Bacteroides fragilis</i> group strains recovered from broiler faeces. <i>British Poultry Science</i> , 2012, 53, 71-76.	1.7	15

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37	Epidemiological characteristics and antimicrobial susceptibility among carbapenem-resistant non-fermenting bacteria in Brazil. <i>Journal of Infection in Developing Countries</i> , 2016, 10, 544-553.	1.2	14
38	Detection of Group B Streptococcus in Brazilian pregnant women and antimicrobial susceptibility patterns. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 1047-55.	2.0	14
39	New methods in the evaluation of chemical disinfectants used in Health Care Services. <i>American Journal of Infection Control</i> , 2005, 33, 162-169.	2.3	12
40	In vitro activity of piperacillin/tazobactam and ertapenem against <i>Bacteroides fragilis</i> and <i>Escherichia coli</i> in pure and mixed cultures. <i>Journal of Medical Microbiology</i> , 2007, 56, 798-802.	1.8	12
41	Characterization of the microbial community in a lotic environment to assess the effect of pollution on nitrifying and potentially pathogenic bacteria. <i>Brazilian Journal of Biology</i> , 2014, 74, 612-622.	0.9	12
42	Synthesis and evaluation of antibacterial and antitumor activities of new galactopyranosylated amino alcohols. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 203-210.	5.5	12
43	Physiological and molecular characteristics of carbapenem resistance in <i>Klebsiella pneumoniae</i> and <i>Enterobacter aerogenes</i> . <i>Journal of Infection in Developing Countries</i> , 2016, 10, 592-599.	1.2	12
44	Distribution, detection of enterotoxigenic strains and antimicrobial drug susceptibility patterns of <i>Bacteroides fragilis</i> group in diarrheic and non-diarrheic feces from Brazilian infants. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 603-611.	2.0	11
45	Synthesis and biological evaluation of a new series of N-acyldiamines as potential antibacterial and antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4626-4629.	2.2	11
46	Exploratory Investigation of <i>Bacteroides fragilis</i> Transcriptional Response during In vitro Exposure to Subinhibitory Concentration of Metronidazole. <i>Frontiers in Microbiology</i> , 2016, 7, 1465.	3.5	10
47	Physiological alterations of a <i>Fusobacterium nucleatum</i> strain exposed to oxidative stress. <i>Journal of Applied Microbiology</i> , 2007, 103, 20-26.	3.1	9
48	Use of 2-D electrophoresis and ESI mass spectrometry techniques to characterize <i>Fusobacterium nucleatum</i> proteins up-regulated after oxidative stress. <i>Anaerobe</i> , 2010, 16, 179-182.	2.1	9
49	Morphological, biochemical, physiological and molecular aspects of the response of <i>Fusobacterium nucleatum</i> exposed to subinhibitory concentrations of antimicrobials. <i>Anaerobe</i> , 2012, 18, 566-575.	2.1	9
50	Seasonal dynamics of microbial community in an aquaculture system for Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	8
51	Microbiome of industrialized Minas Frescal Cheese reveals high prevalence of putative bacteria: A concern in the One Health context. <i>LWT - Food Science and Technology</i> , 2021, 139, 110791.	5.2	7
52	Plasmid-related Resistance to Clindamycin and Penicillin G in a <i>Bacteroides vulgatus</i> Strain. <i>Anaerobe</i> , 1999, 5, 447-449.	2.1	6
53	Comparative activity of ertapenem and piperacillin+tazobactam in a murine systemic infection model with <i>Bacteroides fragilis</i> and <i>Escherichia coli</i> . <i>Journal of Medical Microbiology</i> , 2007, 56, 1576-1579.	1.8	6
54	<i>Bacteroides fragilis</i> response to subinhibitory concentrations of antimicrobials includes different morphological, physiological and virulence patterns after in vitro selection. <i>Microbial Pathogenesis</i> , 2015, 78, 103-113.	2.9	6

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55	Antimicrobial Resistance Genetic Markers in Potentially Pathogenic Gram Positive Cocci Isolated from Brazilian Soft Cheese. <i>Journal of Food Science</i> , 2018, 83, 377-385.	3.1	6
56	Antibacterial Activity of Lipophilic Fluoroquinolone Derivatives. <i>Medicinal Chemistry</i> , 2009, 5, 419-421.	1.5	6
57	Assessment of vaginal microbiota in Brazilian women with and without bacterial vaginosis and comparison with Nugent score. <i>Journal of Infection in Developing Countries</i> , 2018, 12, 127-136.	1.2	6
58	Effects of oxidative stress on the virulence profile of <i>Prevotella intermedia</i> during experimental infection in gnotobiotic mice. <i>Journal of Medical Microbiology</i> , 2007, 56, 289-297.	1.8	5
59	The influence of molecular oxygen exposure on the biology of <i>Prevotella intermedia</i> , with emphasis on its antibiotic susceptibility. <i>Journal of Applied Microbiology</i> , 2007, 103, 882-891.	3.1	5
60	Potential spread of multidrug-resistant coagulase-negative staphylococci through healthcare waste. <i>Journal of Infection in Developing Countries</i> , 2015, 9, 029-034.	1.2	5
61	Antibiotic resistance in potentially bacteriocinogenic probiotic bacteria in aquaculture environments. <i>Aquaculture Research</i> , 2017, 48, 2113-2119.	1.8	5
62	Influence of Human Eating Habits on Antimicrobial Resistance Phenomenon: Aspects of Clinical Resistome of Gut Microbiota in Omnivores, Ovulactovegetarians, and Strict Vegetarians. <i>Antibiotics</i> , 2021, 10, 276.	3.7	5
63	Aquatic environments in the One Health context: modulating the antimicrobial resistance phenomenon. <i>Acta Limnologica Brasiliensia</i> , 0, 32, .	0.4	5
64	Inflammatory modulation and outer membrane vesicles (OMV) production associated to <i>Bacteroides fragilis</i> response to subinhibitory concentrations of metronidazole during experimental infection. <i>Anaerobe</i> , 2022, 73, 102504.	2.1	5
65	A watershed impacted by anthropogenic activities: Microbial community alterations and reservoir of antimicrobial resistance genes. <i>Science of the Total Environment</i> , 2021, 793, 148552.	8.0	4
66	Distribution of ESBL-producing enterobacteria associated to community-acquired monomicrobial urinary tract infections and antimicrobial susceptibility trends over a 9-year period. <i>Journal of Chemotherapy</i> , 2012, 24, 178-181.	1.5	3
67	Differentially regulated proteins in <i>Prevotella intermedia</i> after oxidative stress analyzed by 2D electrophoresis and mass spectrometry. <i>Anaerobe</i> , 2012, 18, 76-82.	2.1	3
68	Determinação do perfil proteico da membrana externa da <i>Leptospira interrogans</i> sorovariedade Hardjoprajitno. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008, 60, 1301-1306.	0.4	2
69	Phenotypic and genotypic evaluation of beta-lactamases (ESBL and KPC) among enterobacteria isolated from community-acquired monomicrobial urinary tract infections. <i>Journal of Chemotherapy</i> , 2014, 26, 328-332.	1.5	1
70	The fragility of humoral immunity as a physiological safety marker for healthcare workers to return after COVID-19 convalescence. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 141-143.	3.1	0