

Admilton Gonçalves de Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,749
citations

279487

23
h-index

301761

39
g-index

73
all docs

73
docs citations

73
times ranked

2640
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Antifungal activity of silver nanoparticles and simvastatin against toxigenic species of <i>Aspergillus</i> . <i>International Journal of Food Microbiology</i> , 2019, 291, 79-86. | 2.1 | 116 |
| 2 | Synergistic and Additive Effect of Oregano Essential Oil and Biological Silver Nanoparticles against Multidrug-Resistant Bacterial Strains. <i>Frontiers in Microbiology</i> , 2016, 7, 760. | 1.5 | 115 |
| 3 | How much are microplastics harmful to the health of amphibians? A study with pristine polyethylene microplastics and <i>Physalaemus cuvieri</i> . <i>Journal of Hazardous Materials</i> , 2020, 382, 121066. | 6.5 | 105 |
| 4 | Inoculant of Arbuscular Mycorrhizal Fungi (<i>Rhizophagus clarus</i>) Increase Yield of Soybean and Cotton under Field Conditions. <i>Frontiers in Microbiology</i> , 2016, 7, 720. | 1.5 | 91 |
| 5 | Antibacterial activity of extracellular compounds produced by a <i>Pseudomonas</i> strain against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) strains. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2013, 12, 12. | 1.7 | 88 |
| 6 | Synergistic effect of a novel chitosan/silica nanocomposites-based formulation against gray mold of table grapes and its possible mode of action. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 247-258. | 3.6 | 83 |
| 7 | The Effect of Phenazine-1-Carboxylic Acid on Mycelial Growth of <i>Botrytis cinerea</i> Produced by <i>Pseudomonas aeruginosa</i> LV Strain. <i>Frontiers in Microbiology</i> , 2017, 8, 1102. | 1.5 | 69 |
| 8 | Emergence of a new multidrug-resistant and highly virulent serotype of <i>Streptococcus agalactiae</i> in fish farms from Brazil. <i>Aquaculture</i> , 2017, 479, 45-51. | 1.7 | 62 |
| 9 | Antibacterial synergic effect of honey from two stingless bees: <i>Scaptotrigona bipunctata</i> Lepeletier, 1836, and <i>S. postica</i> Latreille, 1807. <i>Scientific Reports</i> , 2016, 6, 21641. | 1.6 | 61 |
| 10 | Guaranã (<i>Paullinia cupana</i>) seeds: Selective supercritical extraction of phenolic compounds. <i>Food Chemistry</i> , 2016, 212, 703-711. | 4.2 | 58 |
| 11 | Evaluation of the antibiotic activity of extracellular compounds produced by the <i>Pseudomonas</i> strain against the <i>Xanthomonas citri</i> pv. <i>citri</i> 306 strain. <i>Biological Control</i> , 2011, 56, 125-131. | 1.4 | 56 |
| 12 | Bioactive Organocopper Compound from <i>Pseudomonas aeruginosa</i> Inhibits the Growth of <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 113. | 1.5 | 50 |
| 13 | Bioprecipitation of calcium carbonate induced by <i>Bacillus subtilis</i> isolated in Brazil. <i>International Biodeterioration and Biodegradation</i> , 2017, 123, 200-205. | 1.9 | 39 |
| 14 | Changes in the genetic structure of Bacteria and microbial activity in an agricultural soil amended with tannery sludge. <i>Soil Biology and Biochemistry</i> , 2011, 43, 106-114. | 4.2 | 38 |
| 15 | Extracellular Vesicles Shed By <i>Trypanosoma cruzi</i> Potentiate Infection and Elicit Lipid Body Formation and PGE2 Production in Murine Macrophages. <i>Frontiers in Immunology</i> , 2018, 9, 896. | 2.2 | 38 |
| 16 | Effects of a phytogetic, alone and associated with potassium diformate, on tilapia growth, immunity, gut microbiome and resistance against francisellosis. <i>Scientific Reports</i> , 2019, 9, 6045. | 1.6 | 37 |
| 17 | <i>Pseudomonas aeruginosa</i> produces secondary metabolites that have biological activity against plant pathogenic <i>Xanthomonas</i> species. <i>Crop Protection</i> , 2014, 62, 46-54. | 1.0 | 36 |
| 18 | Inoculation of <i>Schizolobium parahyba</i> with Mycorrhizal Fungi and Plant Growth-Promoting Rhizobacteria Increases Wood Yield under Field Conditions. <i>Frontiers in Plant Science</i> , 2016, 7, 1708. | 1.7 | 34 |

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|----|---|-----|-----------|
| 19 | Ultra-Structural Alterations in <i>Botrytis cinerea</i> – The Causal Agent of Gray Mold – Treated with Salt Solutions. <i>Biomolecules</i> , 2019, 9, 582. | 1.8 | 32 |
| 20 | Cellulose Nanocrystals as a Sustainable Raw Material: Cytotoxicity and Applications on Healthcare Technology. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900092. | 1.7 | 32 |
| 21 | New Approach For Simvastatin As An Antibacterial: Synergistic Effect With Bio-Synthesized Silver Nanoparticles Against Multidrug-Resistant Bacteria. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7975-7985. | 3.3 | 31 |
| 22 | Quality and shelf life assessment of a new beverage produced from water kefir grains and red pitaya. <i>LWT - Food Science and Technology</i> , 2021, 140, 110770. | 2.5 | 31 |
| 23 | Histopathological, immunohistochemical, and ultrastructural evidence of spontaneous Senecavirus A-induced lesions at the choroid plexus of newborn piglets. <i>Scientific Reports</i> , 2017, 7, 16555. | 1.6 | 29 |
| 24 | Genomic Insights Into the Antifungal Activity and Plant Growth-Promoting Ability in <i>Bacillus velezensis</i> CMRP 4490. <i>Frontiers in Microbiology</i> , 2020, 11, 618415. | 1.5 | 25 |
| 25 | Effect of a Metalloantibiotic Produced by <i>Pseudomonas aeruginosa</i> on <i>Klebsiella pneumoniae</i> Carbapenemase (KPC)-producing <i>K. pneumoniae</i> . <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 389-397. | 0.9 | 23 |
| 26 | Phenotypic characteristics and transcriptome profile of <i>Cryptococcus gattii</i> biofilm. <i>Scientific Reports</i> , 2019, 9, 6438. | 1.6 | 22 |
| 27 | Control of bacterial stem rot on tomato by extracellular bioactive compounds produced by <i>Pseudomonas aeruginosa</i> LV strain. <i>Cogent Food and Agriculture</i> , 2017, 3, 1282592. | 0.6 | 20 |
| 28 | Culture Strategies for Isolation of Fastidious <i>Leptospira</i> Serovar Hardjo and Molecular Differentiation of Genotypes Hardjobovis and Hardjoprajitno. <i>Frontiers in Microbiology</i> , 2017, 8, 2155. | 1.5 | 20 |
| 29 | Activity of extracellular compounds of <i>Pseudomonas</i> sp. against <i>Xanthomonas axonopodis</i> in vitro and bacterial leaf blight in eucalyptus. <i>Tropical Plant Pathology</i> , 2012, 37, 233-238. | 0.8 | 19 |
| 30 | Two New 1,3,4-Oxadiazoles With Effective Antifungal Activity Against <i>Candida albicans</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2130. | 1.5 | 17 |
| 31 | Preclinical approaches in vulvovaginal candidiasis treatment with mucoadhesive thermoresponsive systems containing propolis. <i>PLoS ONE</i> , 2020, 15, e0243197. | 1.1 | 16 |
| 32 | Antibacterial activity of <i>Limonium brasiliense</i> (Baicuru) against multidrug-resistant bacteria using a statistical mixture design. <i>Journal of Ethnopharmacology</i> , 2017, 198, 313-323. | 2.0 | 15 |
| 33 | Evaluation of antibiotic activity produced by <i>Pseudomonas aeruginosa</i> LV strain against <i>Xanthomonas arboricola</i> pv. <i>pruni</i> . <i>Agricultural Sciences</i> , 2014, 05, 71-76. | 0.2 | 15 |
| 34 | Gradients in N-cycling attributes along forestry and agricultural land-use systems are indicative of soil capacity for N supply. <i>Soil Use and Management</i> , 2012, 28, 292-298. | 2.6 | 14 |
| 35 | New Insights about Antibiotic Production by <i>Pseudomonas aeruginosa</i> : A Gene Expression Analysis. <i>Frontiers in Chemistry</i> , 2017, 5, 66. | 1.8 | 13 |
| 36 | Antibacterial Combination of Oleoresin from <i>Copaifera multijuga</i> Hayne and Biogenic Silver Nanoparticles Towards <i>Streptococcus agalactiae</i> . <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 177-190. | 0.9 | 13 |

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|----|--|-----|-----------|
| 37 | Promising antifungal activity of new oxadiazole against <i>Candida krusei</i> . PLoS ONE, 2020, 15, e0227876. | 1.1 | 12 |
| 38 | Antibacterial activity of honeys from Amazonian stingless bees of <i>Melipona</i> spp. and its effects on bacterial cell morphology. Journal of the Science of Food and Agriculture, 2021, 101, 2072-2077. | 1.7 | 12 |
| 39 | Porcine rotavirus B as primary causative agent of diarrhea outbreaks in newborn piglets. Scientific Reports, 2020, 10, 22002. | 1.6 | 12 |
| 40 | Activity of Secondary Bacterial Metabolites in the Control of Citrus Canker. Agricultural Sciences, 2015, 06, 295-303. | 0.2 | 11 |
| 41 | Low-molecular-weight metabolites produced by <i>Pseudomonas aeruginosa</i> as an alternative to control Huanglongbing in <i>Citrus sinensis</i> cv. Valencia. Tropical Plant Pathology, 2018, 43, 289-296. | 0.8 | 10 |
| 42 | Antimicrobial effects of sophorolipid in combination with lactic acid against poultry-relevant isolates. Brazilian Journal of Microbiology, 2021, 52, 1769-1778. | 0.8 | 10 |
| 43 | The Control of <i>Lactobacillus</i> sp. by Extracellular Compound Produced by <i>Pseudomonas aeruginosa</i> in the Fermentation Process of Fuel Ethanol Industry in Brazil. Journal of Sustainable Bioenergy Systems, 2013, 03, 194-201. | 0.2 | 10 |
| 44 | Biogenic Silver Nanoparticles Strategically Combined With <i>Origanum vulgare</i> Derivatives: Antibacterial Mechanism of Action and Effect on Multidrug-Resistant Strains. Frontiers in Microbiology, 2022, 13, . | 1.5 | 10 |
| 45 | <i>Galleria mellonella</i> hemocytes: A novel phagocytic assay for <i>Leishmania (Viannia) braziliensis</i> . Journal of Microbiological Methods, 2016, 131, 45-50. | 0.7 | 9 |
| 46 | In vitro interaction of <i>Candida tropicalis</i> biofilm formed on catheter with human cells. Microbial Pathogenesis, 2018, 125, 177-182. | 1.3 | 9 |
| 47 | Complete Genome Sequence of <i>Bacillus velezensis</i> LABIM40, an Effective Antagonist of Fungal Plant Pathogens. Genome Announcements, 2018, 6, . | 0.8 | 8 |
| 48 | The complete genome of <i>Rachiplusia nu</i> nucleopolyhedrovirus (RanuNPV) and the identification of a baculoviral CPD-photolyase homolog. Virology, 2019, 534, 64-71. | 1.1 | 8 |
| 49 | Influence of film coefficient during multicomponent diffusion of KCl/NaCl in biosolid for static and agitated system using 3D computational simulation. Food Science and Technology, 2019, 39, 173-181. | 0.8 | 7 |
| 50 | Stem bark extract of <i>Poincianella pluviosa</i> incorporated in polymer film: Evaluation of wound healing and anti-staphylococcal activities. Injury, 2020, 51, 840-849. | 0.7 | 7 |
| 51 | Effect of Landfill Leachate on Cereal Nutrition and Productivity and on Soil Properties. Journal of Environmental Quality, 2016, 45, 1080-1086. | 1.0 | 6 |
| 52 | Molecular identification and histological aspects of <i>Renicola sloanei</i> (Digenea: Renicolidae) in <i>Puffinus puffinus</i> (Procellariiformes): a first record. Brazilian Journal of Veterinary Parasitology, 2019, 28, 367-375. | 0.2 | 5 |
| 53 | Detection of OXA-58-producing <i>Acinetobacter bereziniae</i> in Brazil. Journal of Global Antimicrobial Resistance, 2019, 19, 53-55. | 0.9 | 5 |
| 54 | Do predictive environmentally relevant concentrations of ZnO nanoparticles induce antipredator behavioral response deficit in Swiss mice?. Science of the Total Environment, 2020, 703, 135486. | 3.9 | 5 |

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|----|--|-----|-----------|
| 55 | Curcuma longa L.- and Piper nigrum-based hydrolysate, with high dextrose content, shows antioxidant and antimicrobial properties. LWT - Food Science and Technology, 2018, 96, 386-394. | 2.5 | 4 |
| 56 | RNA expression profile of cancer marker genes in HepG2 cells treated with different concentrations of a new indolin-3-one from Pseudomonas aeruginosa. Scientific Reports, 2018, 8, 12781. | 1.6 | 4 |
| 57 | PLANT GROWTH-PROMOTING MICROBIAL INOCULANT FOR Schizolobium parahyba pv. parahyba. Revista Arvore, 2015, 39, 663-670. | 0.5 | 4 |
| 58 | Implications of the presence of yeasts in tracheobronchial secretions of critically ill intubated patients. EXCLI Journal, 2019, 18, 801-811. | 0.5 | 4 |
| 59 | Administration of dehydrated oxytetracycline effectively reduces francisellosis mortality in Nile tilapia. Aquaculture Research, 2021, 52, 4116-4126. | 0.9 | 3 |
| 60 | Potential of cave isolated bacteria in self-healing of cement-based materials. Journal of Building Engineering, 2022, 45, 103551. | 1.6 | 3 |
| 61 | The Importance of Scanning Electron Microscopy (SEM) and X-Ray Microanalysis (EDS) in Determination of Gunshot Residues (GSR) in Human Hands. Microscopy and Microanalysis, 2013, 19, 1100-1101. | 0.2 | 1 |
| 62 | Metabólitos Secundários com Atividade Inseticida Sobre Tenebrio molitor Linnaeus (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | | 1 |
| 63 | Vulvovaginal candidiasis in a murine model of diabetes emphasizing the invasive ability of etiological agents. Future Microbiology, 2020, 15, 1001-1013. | 1.0 | 1 |
| 64 | Draft Genome Sequence of Brevibacillus brevis LABIM17, a Biotechnologically Important Antimicrobial-Producing Bacterium. Microbiology Resource Announcements, 2022, 11, e0000622. | 0.3 | 1 |
| 65 | Hemodynamic Catheters: The Reprocessing, Cleanliness and in vitro Biofilm Formation by <i>Enterococcus faecium</i> in a Continuous Flow Model. American Journal of Infectious Diseases, 2015, 11, 33-40. | 0.1 | 0 |
| 66 | Draft Genome Sequence of Vancomycin-Resistant Enterococcus faecium UEL170 (Sequence Type 412), Isolated from a Patient with Urinary Tract Infection in a Tertiary Hospital in Southern Brazil. Microbiology Resource Announcements, 2019, 8, . | 0.3 | 0 |
| 67 | Avaliação do Efeito do Mel de Scaptotrigona Bipunctata (Lepelletier, 1836) Sobre Staphylococcus Aureus Meticilina-Resistente Através de Microscopia Eletrônica de Varredura. , 0, , . | | 0 |
| 68 | Metabólitos Bacterianos no Controle da Ferrugem Asiática da Soja Causada por Phakopsora pachyrhizi. , 0, , . | | 0 |
| 69 | Análise da eficiência de diferentes Veículos na promoção da adesão de Propagulos Infecciosos em Sementes e da colonização de Raízes por Fungo Micorrizico. , 0, , . | | 0 |
| 70 | Utilização de compostos naturais extraídos de Pseudomonas aeruginosa no incremento da produtividade do milho (Zea mays L.) e da soja (Glycine max L.). , 0, , . | | 0 |
| 71 | Milk with Juçara (Euterpe edulis Martius) Pulp: Fermentation by L. reuteri LR92 and Reuterin Production in Situ. Brazilian Archives of Biology and Technology, 0, 63, . | 0.5 | 0 |