

Gislaine Fongaro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/285200/publications.pdf>

Version: 2024-02-01

71
papers

1,091
citations

430442

18
h-index

500791

28
g-index

78
all docs

78
docs citations

78
times ranked

1500
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Evaluation of Bioethanol Production from a Mixed Fruit Waste by <i>Wickerhamomyces</i> sp. UFFS-CE-3.1.2. <i>Bioenergy Research</i> , 2022, 15, 175-182. | 2.2 | 18 |
| 2 | SARS-CoV-2 in Human Sewage and River Water from a Remote and Vulnerable Area as a Surveillance Tool in Brazil. <i>Food and Environmental Virology</i> , 2022, 14, 417-420. | 1.5 | 27 |
| 3 | Removal of veterinary antibiotics in swine wastewater using microalgae-based process. <i>Environmental Research</i> , 2022, 207, 112192. | 3.7 | 23 |
| 4 | Integrated biorefineries, circular bio-economy, and valorization of organic waste streams with respect to bio-products. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 565-565. | 2.9 | 28 |
| 5 | Virucidal activity of microalgae extracts harvested during phycoremediation of swine wastewater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 28565-28571. | 2.7 | 3 |
| 6 | Animal residues use and application for sustainable agriculture on one health approach. , 2022, , 131-158. | | 0 |
| 7 | Current production of bioherbicides: mechanisms of action and technical and scientific challenges to improve food and environmental security. <i>Biocatalysis and Biotransformation</i> , 2021, 39, 346-359. | 1.1 | 13 |
| 8 | Water contamination by enteric virus and superbugs in rural areas and the implications in the One Health context. <i>International Journal of Environmental Studies</i> , 2021, 78, 785-796. | 0.7 | 0 |
| 9 | One-step procedure for peroxidase concentration, dye separation, and color removal by aqueous two-phase system. <i>Environmental Science and Pollution Research</i> , 2021, 28, 9097-9106. | 2.7 | 3 |
| 10 | Phycoremediation: A Sustainable Biorefinery Approach. <i>Microorganisms for Sustainability</i> , 2021, , 101-140. | 0.4 | 1 |
| 11 | Biopreservation: Foodborne Virus Contamination and Control in Minimally Processed Food. , 2021, , 93-106. | | 1 |
| 12 | Effect of dexamethasone as osteogenic supplementation in in vitro osteogenic differentiation of stem cells from human exfoliated deciduous teeth. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 1. | 1.7 | 28 |
| 13 | Rural blackwater treatment by a full-scale Brazilian Biodigester Septic Tank: microbial indicators and pathogen removal efficiency. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23235-23242. | 2.7 | 1 |
| 14 | Swab pooling: A new method for large-scale RT-qPCR screening of SARS-CoV-2 avoiding sample dilution. <i>PLoS ONE</i> , 2021, 16, e0246544. | 1.1 | 22 |
| 15 | Utilization of seawater and wastewater from shrimp production in the fermentation of papaya residues to ethanol. <i>Bioresource Technology</i> , 2021, 321, 124501. | 4.8 | 12 |
| 16 | Enteric viruses in lentic and lotic freshwater habitats from Brazil's Midwest and South regions in the Guarani Aquifer area. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31653-31658. | 2.7 | 4 |
| 17 | Orange peels and shrimp shell used in a fermentation process to produce an aqueous extract with bioherbicide potential to weed control. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 32, 101947. | 1.5 | 7 |
| 18 | Bioactive Compounds from Mangrove Endophytic Fungus and Their Uses for Microorganism Control. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 455. | 1.5 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The presence of SARS-CoV-2 RNA in human sewage in Santa Catarina, Brazil, November 2019. <i>Science of the Total Environment</i> , 2021, 778, 146198. | 3.9 | 99 |
| 20 | <i>Salmonella enterica</i> Serovar Enteritidis Control in Poultry Litter Mediated by Lytic Bacteriophage Isolated from Swine Manure. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8862. | 1.2 | 1 |
| 21 | Detection of Enteric Viruses and Core Microbiome Analysis in Artisanal Colonial Salami-Type Dry-Fermented Sausages from Santa Catarina, Brazil. <i>Foods</i> , 2021, 10, 1957. | 1.9 | 3 |
| 22 | Hydrothermal pretreatment of lignocellulosic biomass for hemicellulose recovery. <i>Bioresource Technology</i> , 2021, 342, 126033. | 4.8 | 76 |
| 23 | Uses of Bacteriophages as Bacterial Control Tools and Environmental Safety Indicators. <i>Frontiers in Microbiology</i> , 2021, 12, 793135. | 1.5 | 14 |
| 24 | Broad Spectrum Algae Compounds Against Viruses. <i>Frontiers in Microbiology</i> , 2021, 12, 809296. | 1.5 | 3 |
| 25 | Sanitary effectiveness and biogas yield by anaerobic co-digestion of swine carcasses and manure. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 682-690. | 1.2 | 12 |
| 26 | Advanced oxidation processes applied for color removal of textile effluent using a home-made peroxidase from rice bran. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 261-272. | 1.7 | 14 |
| 27 | Co-contamination of food products from family farms in an environmental disaster area in Southeast Brazil with pathogenic bacteria and enteric viruses. <i>Archives of Virology</i> , 2020, 165, 715-718. | 0.9 | 6 |
| 28 | A review on alternative bioprocesses for removal of emerging contaminants. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2117-2129. | 1.7 | 33 |
| 29 | Trichoderma potential in biofuel production and biorefinery. , 2020, , 221-239. | | 0 |
| 30 | Potential Use of Biological Herbicides in a Circular Economy Context: A Sustainable Approach. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, . | 1.8 | 10 |
| 31 | Enzymatic hydrolysis behavior on malt bagasse for fermentative sugar disposal in thermostatic and ultrasonic bath. <i>Environmental Quality Management</i> , 2020, 29, 87-94. | 1.0 | 2 |
| 32 | Nutritional, Energy and Sanitary Aspects of Swine Manure and Carcass Co-digestion. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 333. | 2.0 | 8 |
| 33 | A Low-Genotoxicity Bioherbicide Obtained from <i>Trichoderma koningiopsis</i> Fermentation in a Stirred-Tank Bioreactor. <i>Industrial Biotechnology</i> , 2020, 16, 176-181. | 0.5 | 10 |
| 34 | <i>Fusarium oxysporum</i> and <i>Aspergillus</i> sp. as Keratinase Producers Using Swine Hair From Agroindustrial Residues. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 71. | 2.0 | 14 |
| 35 | Hexavalent Chromium Removal Using Filamentous Fungi: Sustainable Biotechnology. <i>Industrial Biotechnology</i> , 2020, 16, 125-132. | 0.5 | 8 |
| 36 | Biogas yield prospection from swine manure and placenta in real-scale systems on circular economy approach. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 25, 101598. | 1.5 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Circular Economy Based on Residue Valorization. Green Energy and Technology, 2020, , 1-5. | 0.4 | 2 |
| 38 | Structure of Residual Biomass Characterization. Green Energy and Technology, 2020, , 7-18. | 0.4 | 1 |
| 39 | Waste Biomass Pretreatment Methods. Green Energy and Technology, 2020, , 19-48. | 0.4 | 4 |
| 40 | Reactional ultrasonic systems and microwave irradiation for pretreatment of agro-industrial waste to increase enzymatic activity. Bioresources and Bioprocessing, 2020, 7, . | 2.0 | 1 |
| 41 | Hepatitis E Virus in Manure and Its Removal by Psychrophilic anaerobic Biodigestion in Intensive Production Farms, Santa Catarina, Brazil, 2018â€“2019. Microorganisms, 2020, 8, 2045. | 1.6 | 4 |
| 42 | Biotechnology Application of Pretreated Biomass. Green Energy and Technology, 2020, , 67-81. | 0.4 | 1 |
| 43 | The Future of Biomaterials Engineering and Biomass Pretreatments. Green Energy and Technology, 2020, , 83-92. | 0.4 | 0 |
| 44 | Subproducts and Inhibitors. Green Energy and Technology, 2020, , 49-65. | 0.4 | 0 |
| 45 | Extremophile Microbial Communities and Enzymes for Bioenergetic Application Based on Multi-Omics Tools. Current Genomics, 2020, 21, 240-252. | 0.7 | 7 |
| 46 | Electrodisinfection of real swine wastewater for water reuse. Environmental Chemistry Letters, 2019, 17, 495-499. | 8.3 | 14 |
| 47 | Resistant weeds were controlled by the combined use of herbicides and bioherbicides. Environmental Quality Management, 2019, 29, 37-42. | 1.0 | 5 |
| 48 | Removal of chromium from wastewater by swine hair residues applied as a putative biofilter. Environmental Science and Pollution Research, 2019, 26, 33014-33022. | 2.7 | 5 |
| 49 | Cellulolytic enzyme production from agricultural residues for biofuel purpose on circular economy approach. Bioprocess and Biosystems Engineering, 2019, 42, 677-685. | 1.7 | 44 |
| 50 | New perspectives for weeds control using autochthonous fungi with selective bioherbicide potential. Heliyon, 2019, 5, e01676. | 1.4 | 25 |
| 51 | Evaluation of deammonification reactor performance and microorganisms community during treatment of digestate from swine sludge CSTR biodigester. Journal of Environmental Management, 2019, 246, 19-26. | 3.8 | 26 |
| 52 | Household-based biodigesters promote reduction of enteric virus and bacteria in vulnerable and poverty rural area. Environmental Pollution, 2019, 252, 8-13. | 3.7 | 13 |
| 53 | The Relationship Between Human Adenovirus and Metals and Semimetals in the Waters of the Rio Doce, Brazil. Archives of Environmental Contamination and Toxicology, 2019, 77, 144-153. | 2.1 | 11 |
| 54 | Mineral Waste Containing High Levels of Iron from an Environmental Disaster (Bento Rodrigues,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 2019, 11, 178-183. | 1.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Bioprospection of Enzymes and Microorganisms in Insects to Improve Second-Generation Ethanol Production. <i>Industrial Biotechnology</i> , 2019, 15, 336-349. | 0.5 | 12 |
| 56 | An Overview About of Limitations and Avenues to Improve Biogas Production. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 289-304. | 0.1 | 4 |
| 57 | Physical, Chemical, and Biological Substrate Pretreatments to Enhance Biogas Yield. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 25-44. | 0.1 | 8 |
| 58 | Occurrence of Hepatitis E Virus in Pigs and Pork Cuts and Organs at the Time of Slaughter, Spain, 2017. <i>Frontiers in Microbiology</i> , 2019, 10, 2990. | 1.5 | 35 |
| 59 | Genotypic characterization and assessment of infectivity of human waterborne pathogens recovered from oysters and estuarine waters in Brazil. <i>Water Research</i> , 2018, 137, 273-280. | 5.3 | 14 |
| 60 | Evaluation of the Effective Inactivation of Enteric Bacteria and Viruses From Swine Effluent and Sludge at Tropical Temperatures. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1. | 1.1 | 5 |
| 61 | Effect of pretreatments on corn stalk chemical properties for biogas production purposes. <i>Bioresource Technology</i> , 2018, 266, 116-124. | 4.8 | 80 |
| 62 | Production of compounds by phytopathogenic fungi for biological control of aquatic macrophytes. <i>Bioresource Technology Reports</i> , 2018, 3, 22-26. | 1.5 | 3 |
| 63 | Non-Toxic Bioherbicides Obtained from <i>Trichoderma koningiopsis</i> Can Be Applied to the Control of Weeds in Agriculture Crops. <i>Industrial Biotechnology</i> , 2018, 14, 157-163. | 0.5 | 21 |
| 64 | Definition of sampling procedures for collective-eating establishments based on the distribution of environmental microbiological contamination on food handlers, utensils and surfaces. <i>Food Control</i> , 2017, 77, 8-16. | 2.8 | 14 |
| 65 | Different Behavior of Enteric Bacteria and Viruses in Clay and Sandy Soils after Biofertilization with Swine Digestate. <i>Frontiers in Microbiology</i> , 2017, 8, 74. | 1.5 | 26 |
| 66 | Propidium Monoazide Integrated with qPCR Enables the Detection and Enumeration of Infectious Enteric RNA and DNA Viruses in Clam and Fermented Sausages. <i>Frontiers in Microbiology</i> , 2016, 7, 2008. | 1.5 | 20 |
| 67 | Propidium Monoazide Coupled with PCR Predicts Infectivity of Enteric Viruses in Swine Manure and Biofertilized Soil. <i>Food and Environmental Virology</i> , 2016, 8, 79-85. | 1.5 | 21 |
| 68 | Behaviour and recovery of human adenovirus from tropical sediment under simulated conditions. <i>Science of the Total Environment</i> , 2015, 530-531, 314-322. | 3.9 | 4 |
| 69 | High Species C Human Adenovirus Genome Copy Numbers in the Treated Water Supply of a Neotropical Area of the Central-West Region of Brazil. <i>Food and Environmental Virology</i> , 2015, 7, 286-294. | 1.5 | 5 |
| 70 | Human and animal enteric virus in groundwater from deep wells, and recreational and network water. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20060-20066. | 2.7 | 25 |
| 71 | Evaluation and molecular characterization of human adenovirus in drinking water supplies: viral integrity and viability assays. <i>Virology Journal</i> , 2013, 10, 166. | 1.4 | 52 |