

Gislaine Fongaro

List of Publications by Year in descending order

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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	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
2	Effect of pretreatments on corn stalk chemical properties for biogas production purposes. <i>Bioresource Technology</i> , 2018, 266, 116-124.	4.8	80
3	Hydrothermal pretreatment of lignocellulosic biomass for hemicellulose recovery. <i>Bioresource Technology</i> , 2021, 342, 126033.	4.8	76
4	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
5	Cellulolytic enzyme production from agricultural residues for biofuel purpose on circular economy approach. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 677-685.	1.7	44
6	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
7	A review on alternative bioprocesses for removal of emerging contaminants. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2117-2129.	1.7	33
8	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
9	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
10	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
11	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
12	Evaluation of deammonification reactor performance and microorganisms community during treatment of digestate from swine sludge CSTR biodigester. <i>Journal of Environmental Management</i> , 2019, 246, 19-26.	3.8	26
13	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
14	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
15	New perspectives for weeds control using autochthonous fungi with selective bioherbicide potential. <i>Heliyon</i> , 2019, 5, e01676.	1.4	25
16	Removal of veterinary antibiotics in swine wastewater using microalgae-based process. <i>Environmental Research</i> , 2022, 207, 112192.	3.7	23
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	Electrodisinfection of real swine wastewater for water reuse. <i>Environmental Chemistry Letters</i> , 2019, 17, 495-499.	8.3	14
25	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
26	<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
27	Uses of Bacteriophages as Bacterial Control Tools and Environmental Safety Indicators. <i>Frontiers in Microbiology</i> , 2021, 12, 793135.	1.5	14
28	Household-based biodigesters promote reduction of enteric virus and bacteria in vulnerable and poverty rural area. <i>Environmental Pollution</i> , 2019, 252, 8-13.	3.7	13
29	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
30	Bioprospection of Enzymes and Microorganisms in Insects to Improve Second-Generation Ethanol Production. <i>Industrial Biotechnology</i> , 2019, 15, 336-349.	0.5	12
31	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
32	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
33	The Relationship Between Human Adenovirus and Metals and Semimetals in the Waters of the Rio Doce, Brazil. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 144-153.	2.1	11
34	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
35	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
36	Physical, Chemical, and Biological Substrate Pretreatments to Enhance Biogas Yield. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 25-44.	0.1	8

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37	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
38	Hexavalent Chromium Removal Using Filamentous Fungi: Sustainable Biotechnology. <i>Industrial Biotechnology</i> , 2020, 16, 125-132.	0.5	8
39	Mineral Waste Containing High Levels of Iron from an Environmental Disaster (Bento Rodrigues,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 2019, 11, 178-183.	1.5	7
40	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
41	Extremophile Microbial Communities and Enzymes for Bioenergetic Application Based on Multi-Omics Tools. <i>Current Genomics</i> , 2020, 21, 240-252.	0.7	7
42	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
43	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
44	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
45	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
46	Resistant weeds were controlled by the combined use of herbicides and bioherbicides. <i>Environmental Quality Management</i> , 2019, 29, 37-42.	1.0	5
47	Removal of chromium from wastewater by swine hair residues applied as a putative biofilter. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33014-33022.	2.7	5
48	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
49	An Overview About of Limitations and Avenues to Improve Biogas Production. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 289-304.	0.1	4
50	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
51	Waste Biomass Pretreatment Methods. <i>Green Energy and Technology</i> , 2020, , 19-48.	0.4	4
52	Hepatitis E Virus in Manure and Its Removal by Psychrophilic anaerobic Biodigestion in Intensive Production Farms, Santa Catarina, Brazil, 2018-2019. <i>Microorganisms</i> , 2020, 8, 2045.	1.6	4
53	Production of compounds by phytopathogenic fungi for biological control of aquatic macrophytes. <i>Bioresource Technology Reports</i> , 2018, 3, 22-26.	1.5	3
54	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

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55	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
56	Broad Spectrum Algae Compounds Against Viruses. <i>Frontiers in Microbiology</i> , 2021, 12, 809296.	1.5	3
57	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
58	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
59	Circular Economy Based on Residue Valorization. <i>Green Energy and Technology</i> , 2020, , 1-5.	0.4	2
60	Phycoremediation: A Sustainable Biorefinery Approach. <i>Microorganisms for Sustainability</i> , 2021, , 101-140.	0.4	1
61	Biopreservation: Foodborne Virus Contamination and Control in Minimally Processed Food. , 2021, , 93-106.		1
62	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
63	Salmonella enterica 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
64	Structure of Residual Biomass Characterization. <i>Green Energy and Technology</i> , 2020, , 7-18.	0.4	1
65	Reactional ultrasonic systems and microwave irradiation for pretreatment of agro-industrial waste to increase enzymatic activity. <i>Bioresources and Bioprocessing</i> , 2020, 7, .	2.0	1
66	Biotechnology Application of Pretreated Biomass. <i>Green Energy and Technology</i> , 2020, , 67-81.	0.4	1
67	Trichoderma potential in biofuel production and biorefinery. , 2020, , 221-239.		0
68	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
69	The Future of Biomaterials Engineering and Biomass Pretreatments. <i>Green Energy and Technology</i> , 2020, , 83-92.	0.4	0
70	Subproducts and Inhibitors. <i>Green Energy and Technology</i> , 2020, , 49-65.	0.4	0
71	Animal residues use and application for sustainable agriculture on one health approach. , 2022, , 131-158.		0