

Fabiane Goldschmidt Antes

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,414
citations

304743

22
h-index

330143

37
g-index

46
all docs

46
docs citations

46
times ranked

1595
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Integration of swine manure anaerobic digestion and digestate nutrients removal/recovery under a circular economy concept. <i>Journal of Environmental Management</i> , 2022, 301, 113825. | 7.8 | 26 |
| 2 | Performance and microbial features of Anammox in a single-phase reactor under progressive nitrogen loading rates for wastewater treatment plants. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107028. | 6.7 | 15 |
| 3 | A new kinetic model to predict substrate inhibition and better efficiency in an airlift reactor on deammonification process. <i>Bioresource Technology</i> , 2021, 319, 124158. | 9.6 | 12 |
| 4 | Treatment of digestate from swine sludge continuous stirred tank reactor to reduce total carbon and total solids content. <i>Environment, Development and Sustainability</i> , 2021, 23, 12326-12341. | 5.0 | 7 |
| 5 | Second-Generation Phosphorus: Recovery from Wastes towards the Sustainability of Production Chains. <i>Sustainability</i> , 2021, 13, 5919. | 3.2 | 16 |
| 6 | Phycoremediation and biomass production from high strong swine wastewater for biogas generation improvement: An integrated bioprocess. <i>Bioresource Technology</i> , 2021, 332, 125111. | 9.6 | 19 |
| 7 | Organic carbon bioavailability: Is it a good driver to choose the best biological nitrogen removal process?. <i>Science of the Total Environment</i> , 2021, 786, 147390. | 8.0 | 37 |
| 8 | Sludge management in lagoons: The role of denitrification as a function of carbon biodegradation. <i>Bioresource Technology Reports</i> , 2021, 15, 100802. | 2.7 | 2 |
| 9 | Swine manure biogas production improvement using pre-treatment strategies: Lab-scale studies and full-scale application. <i>Bioresource Technology Reports</i> , 2021, 15, 100716. | 2.7 | 7 |
| 10 | Process performance and anammox community diversity in a deammonification reactor under progressive nitrogen loading rates for swine wastewater treatment. <i>Bioresource Technology</i> , 2020, 311, 123521. | 9.6 | 29 |
| 11 | Pre-treatment Strategies for Value Addition in Poultry Litter. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 477. | 4.1 | 4 |
| 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. | 7.8 | 26 |
| 13 | Modified Ludzackâ€¢Ettinger system role in efficient nitrogen removal from swine manure under high total suspended solids concentration. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 7715-7726. | 3.5 | 12 |
| 14 | Chemical Removal of Phosphorus from Swine Effluent: the Impact of Previous Effluent Treatment Technologies on Process Efficiency. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1. | 2.4 | 11 |
| 15 | Effect of ultrasonic frequency on separation of water from heavy crude oil emulsion using ultrasonic baths. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 541-546. | 8.2 | 74 |
| 16 | Triphenyltin hydroxide induces changes in the oxidative stress parameters of fish. <i>Ecotoxicology</i> , 2017, 26, 565-569. | 2.4 | 5 |
| 17 | Nutritional disorder in <i>Pfaffia glomerata</i> by mercury excess in nutrient solution. <i>Ciencia Rural</i> , 2016, 46, 279-285. | 0.5 | 3 |
| 18 | Feasibility of low frequency ultrasound for water removal from crude oil emulsions. <i>Ultrasonics Sonochemistry</i> , 2015, 25, 70-75. | 8.2 | 70 |

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|----|--|------|-----------|
| 19 | Determination of toxic elements in tricyclic active pharmaceutical ingredients by ICP-MS: a critical study of digestion methods. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 352. | 3.0 | 34 |
| 20 | Development of a vaporization system for direct determination of chlorine in petroleum coke by ICP-MS. <i>Microchemical Journal</i> , 2013, 109, 117-121. | 4.5 | 18 |
| 21 | Toxicity of Triphenyltin Hydroxide to Fish. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 733-741. | 4.1 | 10 |
| 22 | Effects of excess copper in vineyard soils on the mineral nutrition of potato genotypes. <i>Food and Energy Security</i> , 2013, 2, 49-69. | 4.3 | 17 |
| 23 | Sediment Removal from Crude Oil Emulsion using Microwave Radiation. <i>Journal of the Brazilian Chemical Society</i> , 2013, , . | 0.6 | 1 |
| 24 | Hematological indices and activity of NTPDase and cholinesterase enzymes in rats exposed to cadmium and treated with N-acetylcysteine. <i>BioMetals</i> , 2012, 25, 1195-1206. | 4.1 | 10 |
| 25 | Determination of Bromide, Chloride, and Fluoride in Cigarette Tobacco by Ion Chromatography after Microwave-Induced Combustion. <i>Analytical Letters</i> , 2012, 45, 1004-1015. | 1.8 | 40 |
| 26 | Determination of bromine, fluorine and iodine in mineral supplements using pyrohydrolysis for sample preparation. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 488-495. | 0.6 | 33 |
| 27 | Fluoride determination in carbon nanotubes by ion selective electrode. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1193-1198. | 0.6 | 11 |
| 28 | Total Mercury, Inorganic Mercury and Methyl Mercury Determination in Red Wine. <i>Food Analytical Methods</i> , 2012, 5, 505-511. | 2.6 | 20 |
| 29 | Pyrohydrolysis of carbon nanotubes for Br and I determination by ICP-MS. <i>Microchemical Journal</i> , 2012, 101, 54-58. | 4.5 | 29 |
| 30 | Effects of lead on the growth, lead accumulation and physiological responses of <i>Pluchea sagittalis</i> . <i>Ecotoxicology</i> , 2012, 21, 111-123. | 2.4 | 63 |
| 31 | Heavy crude oil sample preparation by pyrohydrolysis for further chlorine determination. <i>Analytical Methods</i> , 2011, 3, 288-293. | 2.7 | 29 |
| 32 | Separation of Heavy Crude Oil Emulsions Using Microwave Radiation for Further Crude Oil Analysis. <i>Separation Science and Technology</i> , 2011, 46, 1358-1364. | 2.5 | 19 |
| 33 | Speciation and Degradation of Triphenyltin in Typical Paddy Fields and Its Uptake into Rice Plants. <i>Environmental Science & Technology</i> , 2011, 45, 10524-10530. | 10.0 | 33 |
| 34 | As, Hg, I, Sb, Se and Sn speciation in body fluids and biological tissues using hyphenated-ICP-MS techniques: A review. <i>International Journal of Mass Spectrometry</i> , 2011, 307, 149-162. | 1.5 | 56 |
| 35 | Zinc alleviates mercury-induced oxidative stress in <i>Pfaffia glomerata</i> (Spreng.) Pedersen. <i>BioMetals</i> , 2011, 24, 959-971. | 4.1 | 17 |
| 36 | Development of multi-elemental method for quality control of parenteral component solutions using ICP-MS. <i>Microchemical Journal</i> , 2011, 98, 144-149. | 4.5 | 15 |

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|----|---|-----|-----------|
| 37 | Antioxidant system activation by mercury in <i>Pfaffia glomerata</i> plantlets. <i>BioMetals</i> , 2010, 23, 295-305. | 4.1 | 23 |
| 38 | N-acetylcysteine prevents memory deficits, the decrease in acetylcholinesterase activity and oxidative stress in rats exposed to cadmium. <i>Chemico-Biological Interactions</i> , 2010, 186, 53-60. | 4.0 | 136 |
| 39 | Determination of metals and metalloids in light and heavy crude oil by ICP-MS after digestion by microwave-induced combustion. <i>Microchemical Journal</i> , 2010, 96, 4-11. | 4.5 | 126 |
| 40 | Preparo de amostras de combustíveis fósseis por pirólise para a determinação de flúor e cloro. <i>Química Nova</i> , 2010, 33, 1130-1134. | 0.3 | 24 |
| 41 | Microwave-Assisted Procedure for Salinity Evaluation of Heavy Crude Oil Emulsions. <i>Energy & Fuels</i> , 2010, 24, 2227-2232. | 5.1 | 25 |
| 42 | Determination of toxic elements in coal by ICP-MS after digestion using microwave-induced combustion. <i>Talanta</i> , 2010, 83, 364-369. | 5.5 | 60 |
| 43 | Microwave-induced combustion of carbon nanotubes for further halogen determination. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1268. | 3.0 | 49 |
| 44 | Cadmium and mineral nutrient accumulation in potato plantlets grown under cadmium stress in two different experimental culture conditions. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 814-821. | 5.8 | 104 |
| 45 | Organic, inorganic and total mercury determination in fish by chemical vapor generation with collection on a gold gauze and electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 513-519. | 2.9 | 36 |
| 46 | Metabolismo e distribuição do flúor em ovinos jovens tratados cronicamente com fluoreto de sódio. <i>Pesquisa Veterinária Brasileira</i> , 2008, 28, 124-128. | 0.5 | 1 |