

Pamela J Welz

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

415
citations

686830

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times ranked

379
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Treatment wetlands and phyto-technologies for remediation of winery effluent: Challenges and opportunities. <i>Science of the Total Environment</i> , 2022, 807, 150544. | 3.9 | 14 |
| 2 | Sulfate-reducing and methanogenic microbial community responses during anaerobic digestion of tannery effluent. <i>Bioresource Technology</i> , 2022, 347, 126308. | 4.8 | 11 |
| 3 | Biological Desulfurization of Tannery Effluent Using Hybrid Linear Flow Channel Reactors. <i>Water (Switzerland)</i> , 2022, 14, 32. | 1.2 | 4 |
| 4 | Anaerobic Co-Digestion of Tannery and Slaughterhouse Wastewater for Solids Reduction and Resource Recovery: Effect of Sulfate Concentration and Inoculum to Substrate Ratio. <i>Energies</i> , 2021, 14, 2491. | 1.6 | 18 |
| 5 | Wastewater from the Edible Oil Industry as a Potential Source of Lipase- and Surfactant-Producing Actinobacteria. <i>Microorganisms</i> , 2021, 9, 1987. | 1.6 | 11 |
| 6 | Valorisation of Edible Oil Wastewater Sludge: Bioethanol and Biodiesel Production. <i>Waste and Biomass Valorization</i> , 2020, 11, 2431-2440. | 1.8 | 17 |
| 7 | Qualitative Assessment of Biodiesel Produced from Primary Edible Oil Wastewater Sludge. <i>Waste and Biomass Valorization</i> , 2020, 11, 3873-3881. | 1.8 | 2 |
| 8 | Organic removal rates and biogas production of an upflow anaerobic sludge blanket reactor treating sugarcane molasses. <i>South African Journal of Chemical Engineering</i> , 2019, 28, 1-7. | 1.2 | 3 |
| 9 | Heterogeneous Nanomagnetic Catalyst from Cupriferous Mineral Processing Gangue for the Production of Biodiesel. <i>Catalysts</i> , 2019, 9, 1047. | 1.6 | 2 |
| 10 | The influence of grain physicochemistry and biomass on hydraulic conductivity in sand-filled treatment wetlands. <i>Ecological Engineering</i> , 2018, 116, 21-30. | 1.6 | 14 |
| 11 | Bacterial nitrogen fixation in sand bioreactors treating winery wastewater with a high carbon to nitrogen ratio. <i>Journal of Environmental Management</i> , 2018, 207, 192-202. | 3.8 | 19 |
| 12 | The effect of biogenic and chemically manufactured silver nanoparticles on the benthic bacterial communities in river sediments. <i>Science of the Total Environment</i> , 2018, 644, 1380-1390. | 3.9 | 20 |
| 13 | Biological sand filter system treating winery effluent for effective reduction in organic load and pH neutralisation. <i>Journal of Water Process Engineering</i> , 2018, 25, 118-127. | 2.6 | 21 |
| 14 | Characterisation of winery wastewater from continuous flow settling basins and waste stabilisation ponds over the course of 1 year: implications for biological wastewater treatment and land application. <i>Water Science and Technology</i> , 2016, 74, 2036-2050. | 1.2 | 37 |
| 15 | Fruit waste streams in South Africa and their potential role in developing a bio-economy. <i>South African Journal of Science</i> , 2015, 111, 1-11. | 0.3 | 30 |
| 16 | Filament identification and dominance of Eikelboom Type 0092 in activated sludge from wastewater treatment facilities in Cape Town, South Africa. <i>Water S A</i> , 2014, 40, 649. | 0.2 | 5 |
| 17 | Selection of <i>Clostridium</i> spp. in biological sand filters neutralizing synthetic acid mine drainage. <i>FEMS Microbiology Ecology</i> , 2014, 87, 678-690. | 1.3 | 8 |
| 18 | Biodegradation of organics and accumulation of metabolites in experimental biological sand filters used for the treatment of synthetic winery wastewater: A mesocosm study. <i>Journal of Water Process Engineering</i> , 2014, 3, 155-163. | 2.6 | 15 |

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|----|---|-----|-----------|
| 19 | Analysis of substrate degradation, metabolite formation and microbial community responses in sand bioreactors treating winery wastewater: A comparative study. <i>Journal of Environmental Management</i> , 2014, 145, 147-156. | 3.8 | 12 |
| 20 | Minor differences in sand physicochemistry lead to major differences in bacterial community structure and function after exposure to synthetic acid mine drainage. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 211-220. | 1.4 | 8 |
| 21 | Selection of Diazotrophic Bacterial Communities in Biological Sand Filter Mesocosms Used for the Treatment of Phenolic-Laden Wastewater. <i>Microbial Ecology</i> , 2013, 66, 563-570. | 1.4 | 7 |
| 22 | Assessment of temporal and spatial evolution of bacterial communities in a biological sand filter mesocosm treating winery wastewater. <i>Journal of Applied Microbiology</i> , 2013, 115, 91-101. | 1.4 | 24 |
| 23 | Microbial community structure stability, a key parameter in monitoring the development of constructed wetland mesocosms during start-up. <i>Research in Microbiology</i> , 2012, 163, 28-35. | 1.0 | 41 |
| 24 | Treatment of high ethanol concentration wastewater by biological sand filters: Enhanced COD removal and bacterial community dynamics. <i>Journal of Environmental Management</i> , 2012, 109, 54-60. | 3.8 | 24 |
| 25 | Phenolic removal processes in biological sand filters, sand columns and microcosms. <i>Bioresource Technology</i> , 2012, 119, 262-269. | 4.8 | 27 |
| 26 | Ethanol degradation and the benefits of incremental priming in pilot-scale constructed wetlands. <i>Ecological Engineering</i> , 2011, 37, 1453-1459. | 1.6 | 21 |