

Benton Otieno

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3239690/publications.pdf>

Version: 2024-02-01

11
papers

169
citations

1305906

8
h-index

1526636

10
g-index

12
all docs

12
docs citations

12
times ranked

229
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Energy recovery from biomethanation of vinasse and its potential application in ozonation post-treatment for removal of biorecalcitrant organic compounds. <i>Journal of Water Process Engineering</i> , 2021, 39, 101723. | 2.6 | 4 |
| 2 | Integrated anaerobic digestion and photodegradation of slaughterhouse wastewater: Energy analysis and degradation of aromatic compounds. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 1227-1236. | 1.6 | 8 |
| 3 | Modeling ozonation pretreatment parameters of distillery wastewater for improved biodegradability. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1066-1074. | 0.9 | 7 |
| 4 | Ozonolysis Post-Treatment of Anaerobically Digested Distillery Wastewater Effluent. <i>Ozone: Science and Engineering</i> , 2019, 41, 551-561. | 1.4 | 13 |
| 5 | Ozonolysis pre-treatment of waste activated sludge for solubilization and biodegradability enhancement. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102945. | 3.3 | 32 |
| 6 | Influence of Zeolite Support on Integrated Biodegradation and Photodegradation of Molasses Wastewater for Organic Load Reduction and Colour Removal. <i>Microorganisms for Sustainability</i> , 2019, , 287-300. | 0.4 | 0 |
| 7 | Photocatalytic degradation of P-Cresol using TiO ₂ /ZnO hybrid surface capped with polyaniline. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 99-107. | 0.9 | 29 |
| 8 | Green economy in the wastewater treatment sector: Jobs, awareness, barriers, and opportunities in selected local governments in South Africa. <i>Journal of Energy in Southern Africa</i> , 2018, 29, 50-58. | 0.5 | 8 |
| 9 | Photodecolorisation of melanoidins in vinasse with illuminated TiO ₂ -ZnO/activated carbon composite. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 616-623. | 0.9 | 16 |
| 10 | Investigating the synergy of integrated anaerobic digestion and photodegradation using hybrid photocatalyst for molasses wastewater treatment. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2017, 2, 1. | 0.6 | 16 |
| 11 | Photodegradation of Molasses Wastewater Using TiO ₂ -ZnO Nanohybrid Photocatalyst Supported on Activated Carbon. <i>Chemical Engineering Communications</i> , 2016, 203, 1443-1454. | 1.5 | 36 |