Benton Otieno

List of Publications by Year
in descending order

11 papers	169 citations	1163065 8 h-index	1372553 10 g-index
12 all docs	12 docs citations	12 times ranked	210 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. Journal of Water Process Engineering, 2021, 39, 101723.	5.6	4
2	Integrated anaerobic digestion and photodegradation of slaughterhouse wastewater: Energy analysis and degradation of aromatic compounds. Journal of Material Cycles and Waste Management, 2020, 22, 1227-1236.	3.0	8
3	Modeling ozonation pretreatment parameters of distillery wastewater for improved biodegradability. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 1066-1074.	1.7	7
4	Ozonolysis Post-Treatment of Anaerobically Digested Distillery Wastewater Effluent. Ozone: Science and Engineering, 2019, 41, 551-561.	2.5	13
5	Ozonolysis pre-treatment of waste activated sludge for solubilization and biodegradability enhancement. Journal of Environmental Chemical Engineering, 2019, 7, 102945.	6.7	32
6	Influence of Zeolite Support on Integrated Biodegradation and Photodegradation of Molasses Wastewater for Organic Load Reduction and Colour Removal. Microorganisms for Sustainability, 2019, , 287-300.	0.7	0
7	Photocatalytic degradation of P-Cresol using TiO₂/ZnO hybrid surface capped with polyaniline. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 99-107.	1.7	29
8	Green economy in the wastewater treatment sector: Jobs, awareness, barriers, and opportunities in selected local governments in South Africa. Journal of Energy in Southern Africa, 2018, 29, 50-58.	0.8	8
9	Photodecolorisation of melanoidins in vinasse with illuminated TiO₂-ZnO/activated carbon composite. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 616-623.	1.7	16
10	Investigating the synergy of integrated anaerobic digestion and photodegradation using hybrid photocatalyst for molasses wastewater treatment. Euro-Mediterranean Journal for Environmental Integration, 2017, 2, 1.	1.3	16
11	Photodegradation of Molasses Wastewater Using TiO₂â€“ZnO Nanohybrid Photocatalyst Supported on Activated Carbon. Chemical Engineering Communications, 2016, 203, 1443-1454.	2.6	36