Seyoum Leta

List of Publications by Year in descending order

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36	571	566801 15	676716 22
papers	citations	h-index	g-index

37	37	37	621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biological nitrogen and organic matter removal from tannery wastewater in pilot plant operations in Ethiopia. Applied Microbiology and Biotechnology, 2004, 66, 333-339.	1.7	54
2	Microbial Community Structure and Diversity in an Integrated System of Anaerobic-Aerobic Reactors and a Constructed Wetland for the Treatment of Tannery Wastewater in Modjo, Ethiopia. PLoS ONE, 2014, 9, e115576.	1.1	45
3	Integrated tannery wastewater treatment for effluent reuse for irrigation: Encouraging water efficiency and sustainable development in developing countries. Journal of Water Process Engineering, 2019, 30, 100514.	2.6	35
4	Assessing pollution profiles along Little Akaki River receiving municipal and industrial wastewaters, Central Ethiopia: implications for environmental and public health safety. Heliyon, 2021, 7, e07526.	1.4	34
5	Performance of Pilot Scale Anaerobic-SBR System Integrated with Constructed Wetlands for the Treatment of Tannery Wastewater. Environmental Processes, 2016, 3, 815-827.	1.7	33
6	Organic Matter and Nutrient Removal Performance of Horizontal Subsurface Flow Constructed Wetlands Planted with Phragmite karka and Vetiveria zizanioide for Treating Municipal Wastewater. Environmental Processes, 2018, 5, 115-130.	1.7	32
7	Enhancing biological nitrogen removal from tannery effluent by using the efficient Brachymonas denitrificans in pilot plant operations. World Journal of Microbiology and Biotechnology, 2005, 21, 545-552.	1.7	20
8	Wastewater treatment performance efficiency of constructed wetlands in African countries: a review. Water Science and Technology, 2015, 71, 1-8.	1.2	20
9	Removal of chromium from synthetic wastewater by adsorption onto Ethiopian low-cost Odaracha adsorbent. Applied Water Science, 2020, 10, 1.	2.8	20
10	Anaerobic co-digestion of tannery waste water and tannery solid waste using two-stage anaerobic sequencing batch reactor: focus on performances of methanogenic step. Journal of Material Cycles and Waste Management, 2018, 20, 1468-1482.	1.6	19
11	Heavy metals bioconcentration from soil to vegetables and appraisal of health risk in Koka and Wonji farms, Ethiopia. Environmental Science and Pollution Research, 2017, 24, 11807-11815.	2.7	18
12	Identification of Efficient Denitrifying Bacteria from Tannery Wastewaters in Ethiopia and a Study of the Effects of Chromium III and Sulphide on Their Denitrification Rate. World Journal of Microbiology and Biotechnology, 2004, 20, 405-411.	1.7	17
13	Evaluation of Pilot-Scale Constructed Wetlands with Phragmites karka for Phytoremediation of Municipal Wastewater and Biomass Production in Ethiopia. Environmental Processes, 2019, 6, 65-84.	1.7	17
14	Phytoavailability of Heavy Metals and Metalloids in Soils Irrigated with Wastewater, Akaki, Ethiopia: A Greenhouse Study. Soil and Sediment Contamination, 2011, 20, 745-766.	1.1	16
15	Anaerobic treatment of tannery wastewater using ASBR for methane recovery and greenhouse gas emission mitigation. Journal of Water Process Engineering, 2017, 19, 231-238.	2.6	16
16	Effect of hydraulic loading on bioremediation of municipal wastewater using constructed wetland planted with vetiver grass, Addis Ababa, Ethiopia. Nanotechnology for Environmental Engineering, 2019, 4, 1.	2.0	16
17	Plasticized magnetic starch-based Fe3O4 clay polymer nanocomposites for phosphate adsorption from aqueous solution. Heliyon, 2021, 7, e07973.	1.4	15
18	Post treatment of anaerobically treated brewery effluent using pilot scale horizontal subsurface flow constructed wetland system. Bioresources and Bioprocessing, 2021, 8, .	2.0	14

#	Article	IF	Citations
19	Assessment of Heavy Metal Contamination in Vegetables Grown Using Paper Mill Wastewater in Wonji Gefersa, Ethiopia. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 714-720.	1.3	12
20	Brewery sludge quality, agronomic importance and its short-term residual effect on soil properties. International Journal of Environmental Science and Technology, 2020, 17, 2337-2348.	1.8	12
21	Nitrogen removal in integrated anaerobicâ€“aerobic sequencing batch reactors and constructed wetland system: a field experimental study. Applied Water Science, 2019, 9, 1.	2.8	11
22	Assessment of trace metals in water samples and tissues of African catfish (Clarias gariepinus) from the Akaki River Catchment and the Aba Samuel Reservoir, central Ethiopia. African Journal of Aquatic Science, 2019, 44, 389-399.	0.5	11
23	Optimization of microwave-assisted carbohydrate extraction from indigenous Scenedesmus sp. grown in brewery effluent using response surface methodology. Heliyon, 2021, 7, e07115.	1.4	11
24	Presence, Viability and Determinants of Cryptosporidium Oocysts and Giardia Cysts in the Addis Ababa Water Supply and Distribution System. Water Quality, Exposure, and Health, 2012, 4, 55-65.	1.5	9
25	Anaerobic co-digestion of tannery wastes using two stage anaerobic sequencing batch reactor: focus on process performance of hydrolyticâ€“acidogenic step. Journal of Material Cycles and Waste Management, 2019, 21, 666-677.	1.6	8
26	Pretreatment and optimization of reducing sugar extraction from indigenous microalgae grown on brewery wastewater for bioethanol production. Biomass Conversion and Biorefinery, 2023, 13, 6831-6845.	2.9	8
27	Cyanotoxins in drinking water supply reservoir (Legedadi, Central Ethiopia): implications for public health safety. SN Applied Sciences, 2021, 3, 1.	1.5	7
28	Post-treatment of tannery wastewater using pilot scale horizontal subsurface flow constructed wetlands (polishing). Water Science and Technology, 2018, 77, 988-998.	1.2	6
29	Evaluation of irrigation suitability potential of brewery effluent post treated in a pilot horizontal subsurface flow constructed wetland system: implications for sustainable urban agriculture. Heliyon, 2021, 7, e07129.	1.4	6
30	Assessment of plants growing on gold mine wastes for their potential to remove heavy metals from contaminated soils. International Journal of Environmental Studies, 2010, 67, 705-724.	0.7	5
31	Assessment of physicochemical and bacteriological water quality of drinking water in Ankober district, Amhara region, Ethiopia. Cogent Environmental Science, 2020, 6, 1791461.	1.6	5
32	Application of response surface methodology to optimize removal efficiency of water turbidity by low-cost natural coagulant (Odaracha soil) from Saketa District, Ethiopia. Results in Chemistry, 2021, 3, 100108.	0.9	5
33	Performance efficiency and water quality index of a two-stage horizontal subsurface flow constructed wetland system polishing anaerobically treated brewery effluent. Journal of Water Process Engineering, 2021, 42, 102156.	2.6	4
34	Removal of cyanobacteria from a water supply reservoir by sedimentation using flocculants and suspended solids as ballast: Case of Legedadi Reservoir (Ethiopia). PLoS ONE, 2021, 16, e0249720.	1.1	3
35	Effectiveness of two-stage horizontal subsurface flow constructed wetland planted with Cyperus alternifolius and Typha latifolia in treating anaerobic reactor brewery effluent at different hydraulic residence times. Environmental Systems Research, 2020, 9, .	1.5	3
36	Multivariate Optimization of Pb2+ Adsorption onto Ethiopian Low-Cost Odaracha Soil Using Response Surface Methodology. Molecules, 2021, 26, 6477.	1.7	2