

Seyoum Leta

List of Publications by Citations

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35
papers

367
citations

11
h-index

17
g-index

37
ext. papers

462
ext. citations

3.7
avg, IF

4.33
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 35 | Biological nitrogen and organic matter removal from tannery wastewater in pilot plant operations in Ethiopia. <i>Applied Microbiology and Biotechnology</i> , 2004 , 66, 333-9 | 5.7 | 49 |
| 34 | Performance of Pilot Scale Anaerobic-SBR System Integrated with Constructed Wetlands for the Treatment of Tannery Wastewater. <i>Environmental Processes</i> , 2016 , 3, 815-827 | 2.8 | 31 |
| 33 | 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. <i>PLoS ONE</i> , 2014 , 9, e115576 | 3.7 | 31 |
| 32 | Organic Matter and Nutrient Removal Performance of Horizontal Subsurface Flow Constructed Wetlands Planted with Phragmite karka and Vetiveria zizanioides for Treating Municipal Wastewater. <i>Environmental Processes</i> , 2018 , 5, 115-130 | 2.8 | 30 |
| 31 | Integrated tannery wastewater treatment for effluent reuse for irrigation: Encouraging water efficiency and sustainable development in developing countries. <i>Journal of Water Process Engineering</i> , 2019 , 30, 100514 | 6.7 | 24 |
| 30 | 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. <i>World Journal of Microbiology and Biotechnology</i> , 2004 , 20, 405-411 | 4.4 | 15 |
| 29 | Enhancing biological nitrogen removal from tannery effluent by using the efficient <i>Brachymonas</i> denitrificans in pilot plant operations. <i>World Journal of Microbiology and Biotechnology</i> , 2005 , 21, 545-552 | 4.4 | 14 |
| 28 | Evaluation of Pilot-Scale Constructed Wetlands with Phragmites karka for Phytoremediation of Municipal Wastewater and Biomass Production in Ethiopia. <i>Environmental Processes</i> , 2019 , 6, 65-84 | 2.8 | 13 |
| 27 | Phytoavailability of Heavy Metals and Metalloids in Soils Irrigated with Wastewater, Akaki, Ethiopia: A Greenhouse Study. <i>Soil and Sediment Contamination</i> , 2011 , 20, 745-766 | 3.2 | 13 |
| 26 | Heavy metals bioconcentration from soil to vegetables and appraisal of health risk in Koka and Wonji farms, Ethiopia. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11807-11815 | 5.1 | 12 |
| 25 | Anaerobic co-digestion of tannery waste water and tannery solid waste using two-stage anaerobic sequencing batch reactor: focus on performances of methanogenic step. <i>Journal of Material Cycles and Waste Management</i> , 2018 , 20, 1468-1482 | 3.4 | 12 |
| 24 | Wastewater treatment performance efficiency of constructed wetlands in African countries: a review. <i>Water Science and Technology</i> , 2015 , 71, 1-8 | 2.2 | 11 |
| 23 | Anaerobic treatment of tannery wastewater using ASBR for methane recovery and greenhouse gas emission mitigation. <i>Journal of Water Process Engineering</i> , 2017 , 19, 231-238 | 6.7 | 11 |
| 22 | Effect of hydraulic loading on bioremediation of municipal wastewater using constructed wetland planted with vetiver grass, Addis Ababa, Ethiopia. <i>Nanotechnology for Environmental Engineering</i> , 2019 , 4, 1 | 5.1 | 11 |
| 21 | Brewery sludge quality, agronomic importance and its short-term residual effect on soil properties. <i>International Journal of Environmental Science and Technology</i> , 2020 , 17, 2337-2348 | 3.3 | 9 |
| 20 | Assessing pollution profiles along Little Akaki River receiving municipal and industrial wastewaters, Central Ethiopia: implications for environmental and public health safety. <i>Heliyon</i> , 2021 , 7, e07526 | 3.6 | 8 |
| 19 | Nitrogen removal in integrated anaerobic-aerobic sequencing batch reactors and constructed wetland system: a field experimental study. <i>Applied Water Science</i> , 2019 , 9, 1 | 5 | 7 |

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|----|--|-----|---|
| 18 | Presence, Viability and Determinants of Cryptosporidium Oocysts and Giardia Cysts in the Addis Ababa Water Supply and Distribution System. <i>Water Quality, Exposure, and Health</i> , 2012 , 4, 55-65 | | 7 |
| 17 | Removal of chromium from synthetic wastewater by adsorption onto Ethiopian low-cost Odaracha adsorbent. <i>Applied Water Science</i> , 2020 , 10, 1 | 5 | 7 |
| 16 | Assessment of trace metals in water samples and tissues of African catfish (<i>Clarias gariepinus</i>) from the Akaki River Catchment and the Aba Samuel Reservoir, central Ethiopia. <i>African Journal of Aquatic Science</i> , 2019 , 44, 389-399 | 1.6 | 7 |
| 15 | Assessment of Heavy Metal Contamination in Vegetables Grown Using Paper Mill Wastewater in Wonji Gefersa, Ethiopia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016 , 97, 714-720 | 2.7 | 6 |
| 14 | Optimization of microwave-assisted carbohydrate extraction from indigenous sp. grown in brewery effluent using response surface methodology. <i>Heliyon</i> , 2021 , 7, e07115 | 3.6 | 6 |
| 13 | Post treatment of anaerobically treated brewery effluent using pilot scale horizontal subsurface flow constructed wetland system. <i>Bioresources and Bioprocessing</i> , 2021 , 8, | 5.2 | 5 |
| 12 | Anaerobic co-digestion of tannery wastes using two stage anaerobic sequencing batch reactor: focus on process performance of hydrolytic/acidogenic step. <i>Journal of Material Cycles and Waste Management</i> , 2019 , 21, 666-677 | 3.4 | 4 |
| 11 | Cyanotoxins in drinking water supply reservoir (Legedadi, Central Ethiopia): implications for public health safety. <i>SN Applied Sciences</i> , 2021 , 3, 1 | 1.8 | 4 |
| 10 | Post-treatment of tannery wastewater using pilot scale horizontal subsurface flow constructed wetlands (polishing). <i>Water Science and Technology</i> , 2018 , 77, 988-998 | 2.2 | 3 |
| 9 | Assessment of plants growing on gold mine wastes for their potential to remove heavy metals from contaminated soils. <i>International Journal of Environmental Studies</i> , 2010 , 67, 705-724 | 1.8 | 3 |
| 8 | Application of response surface methodology to optimize removal efficiency of water turbidity by low-cost natural coagulant (Odaracha soil) from Saketa District, Ethiopia. <i>Results in Chemistry</i> , 2021 , 3, 100108 | 2.1 | 3 |
| 7 | Pretreatment and optimization of reducing sugar extraction from indigenous microalgae grown on brewery wastewater for bioethanol production. <i>Biomass Conversion and Biorefinery</i> , 1 | 2.3 | 2 |
| 6 | Performance efficiency and water quality index of a two-stage horizontal subsurface flow constructed wetland system polishing anaerobically treated brewery effluent. <i>Journal of Water Process Engineering</i> , 2021 , 42, 102156 | 6.7 | 2 |
| 5 | Effectiveness of two-stage horizontal subsurface flow constructed wetland planted with <i>Cyperus alternifolius</i> and <i>Typha latifolia</i> in treating anaerobic reactor brewery effluent at different hydraulic residence times. <i>Environmental Systems Research</i> , 2020 , 9, | 4.3 | 1 |
| 4 | Assessment of physicochemical and bacteriological water quality of drinking water in Ankober district, Amhara region, Ethiopia. <i>Cogent Environmental Science</i> , 2020 , 6, 1791461 | 1.6 | 1 |
| 3 | Removal of cyanobacteria from a water supply reservoir by sedimentation using flocculants and suspended solids as ballast: Case of Legedadi Reservoir (Ethiopia). <i>PLoS ONE</i> , 2021 , 16, e0249720 | 3.7 | 1 |
| 2 | Evaluation of irrigation suitability potential of brewery effluent post treated in a pilot horizontal subsurface flow constructed wetland system: implications for sustainable urban agriculture. <i>Heliyon</i> , 2021 , 7, e07129 | 3.6 | 1 |
| 1 | Plasticized magnetic starch-based FeO clay polymer nanocomposites for phosphate adsorption from aqueous solution. <i>Heliyon</i> , 2021 , 7, e07973 | 3.6 | 0 |

