

Fekadu Fufa

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

389
citations

759233

12
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

459
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized chitosan adsorbents allow recovery of palladium and platinum from acidic aqueous solutions. <i>Green Chemistry</i> , 2019, 21, 2295-2306.	9.0	81
2	Evaluation of the suitability of groundwater for drinking and irrigation purposes in Jimma Zone of Oromia, Ethiopia. <i>Groundwater for Sustainable Development</i> , 2019, 9, 100216.	4.6	32
3	Adsorption of As(III) versus As(V) from aqueous solutions by cerium-loaded volcanic rocks. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20446-20458.	5.3	28
4	Land-use/land-cover changes and implications in Southern Ethiopia: evidence from remote sensing and informants. <i>Heliyon</i> , 2022, 8, e09071.	3.2	27
5	Removal of Arsenic (V) from Aqueous Solutions Using Chitosan-Red Scoria and Chitosan-Pumice Blends. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 895.	2.6	25
6	Sorptive removal of arsenate using termite mound. <i>Journal of Environmental Management</i> , 2014, 132, 188-196.	7.8	22
7	Experimental evaluation of sorptive removal of fluoride from drinking water using iron ore. <i>Applied Water Science</i> , 2016, 6, 57-65.	5.6	21
8	Defluoridation of Groundwater Using Termite Mound. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	19
9	Suitability of Scoria as Fine Aggregate and Its Effect on the Properties of Concrete. <i>Sustainability</i> , 2019, 11, 4647.	3.2	19
10	Hydrologic responses to climate and land-use/land-cover changes in the Bilate catchment, Southern Ethiopia. <i>Journal of Water and Climate Change</i> , 2021, 12, 3750-3769.	2.9	17
11	PARTIAL REPLACEMENT OF CEMENT BY COFFEE HUSK ASH FOR C-25 CONCRETE PRODUCTION. <i>Journal of Civil Engineering Science and Technology</i> , 2019, 10, 12-21.	1.0	14
12	Uptake of arsenate by aluminum (hydr)oxide coated red scoria and pumice. <i>Applied Geochemistry</i> , 2017, 78, 83-95.	3.0	12
13	GIS estimation of annual average soil loss rate from Hangar River watershed using RUSLE. <i>Journal of Water and Climate Change</i> , 2020, 11, 529-539.	2.9	11
14	Hydroclimate Trend Analysis of Upper Awash Basin, Ethiopia. <i>Water (Switzerland)</i> , 2021, 13, 1680.	2.7	10
15	Impacts of land-use/land-cover changes on nutrient losses in agricultural catchment, southern Ethiopia. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 5509-5523.	2.1	7
16	Woody plant species diversity and composition in and around Debre Libanos church forests of North Shoa Zone of Oromiya, Ethiopia. <i>Journal of Forestry Research</i> , 2020, 32, 1929.	3.6	6
17	Defluoridation of groundwater using gypsiferous limestone. <i>Journal of Environmental and Occupational Science</i> , 2014, 3, 71.	0.2	6
18	Study on the ecosystem services of urban forests: implications for climate change mitigation in the case of Adama City of Oromiya Regional State, Ethiopia. <i>Urban Ecosystems</i> , 2022, 25, 575-584.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Chromium Laden Soil, Water, and Vegetables nearby Tanning Industries: Speciation and Spatial Distribution. <i>Journal of Chemistry</i> , 2021, 2021, 1-10.	1.9	5
20	Identification of groundwater recharge site using geographical information system and remote sensing: case study of Sude district, Oromia, Ethiopia. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	2.7	5
21	Biogas Production and Biofertilizer Estimation from Anaerobic Co-Digestion of Blends of Wastewater and Microalgae. <i>International Journal of Chemical Engineering</i> , 2022, 2022, 1-10.	2.4	4
22	Termite Mound Soils for Sustainable Production of Bricks. <i>Studia Geotechnica Et Mechanica</i> , 2021, 43, 142-154.	0.5	3
23	Bioenergy Production from Anaerobic Co-Digestion of Sewage Sludge and Abattoir Wastes. <i>Advances in Chemical Engineering and Science</i> , 2016, 06, 281-287.	0.5	3
24	Experimental Evaluation of Activated Termite Mound for Fluoride Adsorption. <i>IOSR Journal of Environmental Science, Toxicology and Food Technology</i> , 2016, 10, 119-132.	0.1	3
25	Modeling of Phosphorous Load and Transport Pathways in Dhidhessa Catchment, Oromiya, Ethiopia. <i>Journal of Chitwan Medical College</i> , 2019, 8, 22-33.	0.2	1
26	Suitability of Gypsum and Crushed Waste Brick Mix for Stabilization of Weak Subgrade Soil. <i>International Journal of Transportation Engineering and Technology</i> , 2020, 6, 111.	0.6	1
27	Local climate change indications: Historical trends, multi-model projections and implications in Bilate Catchment, Southern Ethiopia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 1016, 012030.	0.3	1
28	Household Generated Solid Waste Collection System Management Using Arcgis: a Case of Jimma Town, Southwestern Ethiopia. <i>Journal of Solid Waste Technology and Management</i> , 2021, 47, 317-323.	0.2	0
29	Geochemical quality analysis of groundwater in Jimma Zone, Oromia National Regional State, Ethiopia. <i>American Journal of Preventive Medicine and Public Health</i> , 2017, , 1.	0.2	0
30	Removal of Cr(VI) from contaminated water using soil rich in kaolinite - ferrinatriite, coffee husk ash and soil rich in kaolinite “ goethite: characteristic, isotherm and kinetic study. , 0, 105, 250-254.		0