Teshome Soromessa

List of Publications by Year
in descending order

22 papers	1,194 citations	516710 16 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	896 citing authors

#	Article	IF	Citations
1	Method for conducting systematic literature review and meta-analysis for environmental science research. MethodsX, 2020, 7, 100777.	1.6	280
2	Land use/land cover change effect on soil erosion and sediment delivery in the Winike watershed, Omo Gibe Basin, Ethiopia. Science of the Total Environment, 2020, 728, 138776.	8.0	136
3	The InVEST Habitat Quality Model Associated with Land Use/Cover Changes: A Qualitative Case Study of the Winike Watershed in the Omo-Gibe Basin, Southwest Ethiopia. Remote Sensing, 2020, 12, 1103.	4.0	124
4	Ecosystem services research in mountainous regions: A systematic literature review on current knowledge and research gaps. Science of the Total Environment, 2020, 702, 134581.	8.0	116
5	High aboveground carbon stock of African tropical montane forests. Nature, 2021, 596, 536-542.	27.8	65
6	Landscape change effects on habitat quality in a forest biosphere reserve: Implications for the conservation of native habitats. Journal of Cleaner Production, 2021, 329, 129778.	9.3	59
7	Land suitability assessment for major crops by using GIS-based multi-criteria approach in Andit Tid watershed, Ethiopia. Cogent Food and Agriculture, 2018, 4, 1470481.	1.4	50
8	Assessment of forest ecosystem service research trends and methodological approaches at global level: a meta-analysis. Environmental Systems Research, 2019, 8, .	3.7	49
9	Carbon stocks and factors affecting their storage in dry Afromontane forests of Awi Zone, northwestern Ethiopia. Journal of Ecology and Environment, 2019, 43, .	1.6	45
10	Carbon stock of Banja forest in Banja district, Amhara region, Ethiopia: An implication for climate change mitigation. Journal of Sustainable Forestry, 2017, 36, 604-622.	1.4	37
11	Carbon stock of the various carbon pools in Gerba-Dima moist Afromontane forest, South-western Ethiopia. Carbon Balance and Management, 2019, 14, 1.	3.2	36
12	A global view of regulatory ecosystem services: existed knowledge, trends, and research gaps. Ecological Processes, 2020, 9, .	3.9	35
13	Effect of Changes in Land-Use Management Practices on Soil Physicochemical Properties in Kabe Watershed, Ethiopia. Air, Soil and Water Research, 2020, 13, 117862212093958.	2.5	34
14	The effect of land use/land cover changes on ecosystem services valuation of Winike watershed, Omo Gibe basin, Ethiopia. Human and Ecological Risk Assessment (HERA), 2020, 26, 2608-2627.	3.4	33
15	The accuracy of species-specific allometric equations for estimating aboveground biomass in tropical moist montane forests: case study of Albizia grandibracteata and Trichilia dregeana. Carbon Balance and Management, 2019, 14, 18.	3.2	29
16	Evaluation of Water Provision Ecosystem Services Associated with Land Use/Cover and Climate Variability in the Winike Watershed, Omo Gibe Basin of Ethiopia. Environmental Management, 2022, 69, 367-383.	2.7	20
17	Allometric equations for aboveground biomass estimation of Diospyros abyssinica (Hiern) F. White tree species. Ecosystem Health and Sustainability, 2019, 5, 86-97.	3.1	16
18	Expressing carbon storage in economic terms: The case of the upper Omo Gibe Basin in Ethiopia. Science of the Total Environment, 2022, 808, 152166.	8.0	12

#	Article	IF	Citations
19	Floristic composition and community types of Gedo Dry Evergreen Montane Forest, West Shewa, Ethiopia. Acta Ecologica Sinica, 2016, 36, 392-400.	1.9	9
20	Allometric equations for selected Acacia species (Vachellia and Senegalia genera) of Ethiopia. Carbon Balance and Management, 2021, 16, 34.	3.2	4
21	Factual approach for tropical forest parameters measurement and monitoring: future option with a focus on synergetic use of airborne and terrestrial LiDAR technologies. International Journal of Remote Sensing, 2021, 42, 3219-3230.	2.9	3
22	Effects of Environmental Factors on Carbon Stocks of Dry Evergreen Afromontane Forests of the Choke Mountain Ecosystem, Northwestern Ethiopia. International Journal of Forestry Research, 2022, 2022, 1-31.	0.8	2