

# Teshome Soromessa

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Expressing carbon storage in economic terms: The case of the upper Omo Gibe Basin in Ethiopia. <i>Science of the Total Environment</i> , 2022, 808, 152166.	8.0	12
2	Evaluation of Water Provision Ecosystem Services Associated with Land Use/Cover and Climate Variability in the Winike Watershed, Omo Gibe Basin of Ethiopia. <i>Environmental Management</i> , 2022, 69, 367-383.	2.7	20
3	Effects of Environmental Factors on Carbon Stocks of Dry Evergreen Afromontane Forests of the Choke Mountain Ecosystem, Northwestern Ethiopia. <i>International Journal of Forestry Research</i> , 2022, 2022, 1-31.	0.8	2
4	Factual approach for tropical forest parameters measurement and monitoring: future option with a focus on synergetic use of airborne and terrestrial LiDAR technologies. <i>International Journal of Remote Sensing</i> , 2021, 42, 3219-3230.	2.9	3
5	High aboveground carbon stock of African tropical montane forests. <i>Nature</i> , 2021, 596, 536-542.	27.8	65
6	Allometric equations for selected Acacia species ( <i>Vachellia</i> and <i>Senegalia</i> genera) of Ethiopia. <i>Carbon Balance and Management</i> , 2021, 16, 34.	3.2	4
7	Landscape change effects on habitat quality in a forest biosphere reserve: Implications for the conservation of native habitats. <i>Journal of Cleaner Production</i> , 2021, 329, 129778.	9.3	59
8	The effect of land use/land cover changes on ecosystem services valuation of Winike watershed, Omo Gibe basin, Ethiopia. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 2608-2627.	3.4	33
9	Ecosystem services research in mountainous regions: A systematic literature review on current knowledge and research gaps. <i>Science of the Total Environment</i> , 2020, 702, 134581.	8.0	116
10	Method for conducting systematic literature review and meta-analysis for environmental science research. <i>MethodsX</i> , 2020, 7, 100777.	1.6	280
11	Effect of Changes in Land-Use Management Practices on Soil Physicochemical Properties in Kabe Watershed, Ethiopia. <i>Air, Soil and Water Research</i> , 2020, 13, 117862212093958.	2.5	34
12	A global view of regulatory ecosystem services: existed knowledge, trends, and research gaps. <i>Ecological Processes</i> , 2020, 9, .	3.9	35
13	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. <i>Remote Sensing</i> , 2020, 12, 1103.	4.0	124
14	Land use/land cover change effect on soil erosion and sediment delivery in the Winike watershed, Omo Gibe Basin, Ethiopia. <i>Science of the Total Environment</i> , 2020, 728, 138776.	8.0	136
15	Carbon stocks and factors affecting their storage in dry Afromontane forests of Awi Zone, northwestern Ethiopia. <i>Journal of Ecology and Environment</i> , 2019, 43, .	1.6	45
16	Assessment of forest ecosystem service research trends and methodological approaches at global level: a meta-analysis. <i>Environmental Systems Research</i> , 2019, 8, .	3.7	49
17	Allometric equations for aboveground biomass estimation of <i>Diospyros abyssinica</i> (Hiern) F. White tree species. <i>Ecosystem Health and Sustainability</i> , 2019, 5, 86-97.	3.1	16
18	Carbon stock of the various carbon pools in Gerba-Dima moist Afromontane forest, South-western Ethiopia. <i>Carbon Balance and Management</i> , 2019, 14, 1.	3.2	36

#	ARTICLE	IF	CITATIONS
19	The accuracy of species-specific allometric equations for estimating aboveground biomass in tropical moist montane forests: case study of <i>Albizia grandibracteata</i> and <i>Trichilia dregeana</i> . <i>Carbon Balance and Management</i> , 2019, 14, 18.	3.2	29
20	Land suitability assessment for major crops by using GIS-based multi-criteria approach in Andit Tid watershed, Ethiopia. <i>Cogent Food and Agriculture</i> , 2018, 4, 1470481.	1.4	50
21	Carbon stock of Banja forest in Banja district, Amhara region, Ethiopia: An implication for climate change mitigation. <i>Journal of Sustainable Forestry</i> , 2017, 36, 604-622.	1.4	37
22	Floristic composition and community types of Gedo Dry Evergreen Montane Forest, West Shewa, Ethiopia. <i>Acta Ecologica Sinica</i> , 2016, 36, 392-400.	1.9	9