

Tesfay Gebretsdakan Gebremicael

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

726
citations

759055

12
h-index

1125617

13
g-index

15
all docs

15
docs citations

15
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Trend analysis of runoff and sediment fluxes in the Upper Blue Nile basin: A combined analysis of statistical tests, physically-based models and landuse maps. <i>Journal of Hydrology</i> , 2013, 482, 57-68.	2.3	201
2	Projected Impacts of Climate Change on Drought Patterns Over East Africa. <i>Earth's Future</i> , 2020, 8, e2020EF001502.	2.4	164
3	Attributing the hydrological impact of different land use types and their long-term dynamics through combining parsimonious hydrological modelling, alteration analysis and PLSR analysis. <i>Science of the Total Environment</i> , 2019, 660, 1155-1167.	3.9	73
4	Temporal and spatial changes of rainfall and streamflow in the Upper Tekezä““Atbara river basin, Ethiopia. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 2127-2142.	1.9	58
5	Yield and water use efficiency of furrow irrigated potato under regulated deficit irrigation, Atsibi-Wemberta, North Ethiopia. <i>Agricultural Water Management</i> , 2016, 170, 133-139.	2.4	39
6	Evaluation of multiple satellite rainfall products over the rugged topography of the Tekeze-Atbara basin in Ethiopia. <i>International Journal of Remote Sensing</i> , 2019, 40, 4326-4345.	1.3	39
7	Salinization pattern and its spatial distribution in the irrigated agriculture of Northern Ethiopia: An integrated approach of quantitative and spatial analysis. <i>Agricultural Water Management</i> , 2018, 206, 147-157.	2.4	37
8	Quantifying longitudinal land use change from land degradation to rehabilitation in the headwaters of Tekeze-Atbara Basin, Ethiopia. <i>Science of the Total Environment</i> , 2018, 622-623, 1581-1589.	3.9	34
9	Effect of surge flow and alternate irrigation on the irrigation efficiency and water productivity of onion in the semi-arid areas of North Ethiopia. <i>Agricultural Water Management</i> , 2017, 187, 69-76.	2.4	24
10	Evaluation of Global Gridded Precipitation and Temperature Datasets against Gauged Observations over the Upper Tekeze River Basin, Ethiopia. <i>Journal of Meteorological Research</i> , 2021, 35, 673-689.	0.9	16
11	Satellite-based rainfall estimates evaluation using a parsimonious hydrological model in the complex climate and topography of the Nile River Catchments. <i>Atmospheric Research</i> , 2022, 266, 105939.	1.8	15
12	Evaluation of surge flow furrow irrigation for onion production in a semiarid region of Ethiopia. <i>Irrigation Science</i> , 2008, 26, 325-333.	1.3	13
13	Change in low flows due to catchment management dynamics““Application of a comparative modelling approach. <i>Hydrological Processes</i> , 2020, 34, 2101-2116.	1.1	7