

Biadgilgn Demissie

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

276
citations

933447

10
h-index

940533

16
g-index

28
all docs

28
docs citations

28
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Meander hydromorphology of ephemeral streams: Similarities and differences with perennial rivers. <i>Geomorphology</i> , 2018, 319, 35-46.	2.6	28
2	Natural resource opportunities and challenges for rural development in marginal grabens “ The state of the art with implications for the Rift Valley system in Ethiopia. <i>Journal of Arid Environments</i> , 2017, 147, 1-16.	2.4	25
3	Biophysical Controlling Factors in Upper Catchments and Braided Rivers in Drylands: The Case of a Marginal Graben of the Ethiopian Rift Valley. <i>Land Degradation and Development</i> , 2015, 26, 748-758.	3.9	23
4	Detecting Spatiotemporal Expansion of Water Hyacinth (<i>Eichhornia crassipes</i>) in Lake Tana, Northern Ethiopia. <i>Journal of the Indian Society of Remote Sensing</i> , 2020, 48, 751-764.	2.4	23
5	Land cover changes as impacted by spatio-temporal rainfall variability along the Ethiopian Rift Valley escarpment. <i>Regional Environmental Change</i> , 2017, 17, 451-463.	2.9	18
6	Changes in land use/cover mapped over 80 years in the Highlands of Northern Ethiopia. <i>Journal of Chinese Geography</i> , 2018, 28, 1538-1563.	3.9	18
7	Geographical determinants of inorganic fertiliser sales and of resale prices in north Ethiopia. <i>Agriculture, Ecosystems and Environment</i> , 2017, 249, 256-268.	5.3	17
8	Excess River Sedimentation at Bridges in the Raya Graben (Northern Ethiopia). <i>Land Degradation and Development</i> , 2017, 28, 946-958.	3.9	16
9	Managing fragile homestead trees to improve livelihoods of land-poor farmers in the Northern Highlands of Ethiopia. <i>Singapore Journal of Tropical Geography</i> , 2015, 36, 57-66.	0.9	13
10	Spatiotemporal wetland changes and their threats in North Central Ethiopian Highlands. <i>Singapore Journal of Tropical Geography</i> , 2018, 39, 332-350.	0.9	13
11	Water balance variability in the confined Aba-Mala limestone graben at the western margin of the Danakil depression, northern Ethiopia. <i>Hydrological Sciences Journal</i> , 2018, 63, 957-977.	2.6	10
12	Land-use/cover changes in relation to stream dynamics in a marginal graben along the northern Ethiopian Rift Valley. <i>Physical Geography</i> , 2019, 40, 71-90.	1.4	9
13	IMPACT OF HEADWATER HYDROLOGICAL DEFICIT ON THE DOWNSTREAM FLOOD-BASED FARMING SYSTEM IN NORTHERN ETHIOPIA. <i>Irrigation and Drainage</i> , 2020, 69, 342-351.	1.7	9
14	Water balance components of the potential agricultural grabens along the Rift Valley in northern Ethiopia. <i>Journal of Hydrology: Regional Studies</i> , 2019, 24, 100616.	2.4	8
15	Flood hazard in a semi-closed basin in northern Ethiopia: Impact and resilience. <i>Geo: Geography and Environment</i> , 2021, 8, e00100.	0.8	7
16	Stream flow dynamics under current and future land cover conditions in Atsela Watershed, Northern Ethiopia. <i>Acta Geophysica</i> , 2022, 70, 305-318.	2.0	7
17	Geospatial solutions for evaluating the impact of the Tigray conflict on farming. <i>Acta Geophysica</i> , 2022, 70, 1285-1299.	2.0	7
18	Detection of Urban Land Use Land Cover Dynamics Using GIS and Remote Sensing: A Case Study of Axum Town, Northern Ethiopia. <i>Journal of the Indian Society of Remote Sensing</i> , 2019, 47, 1209-1222.	2.4	5

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19	Landscape Changes in the Semi-closed Raya Agricultural Graben Floor of Northern Ethiopia. <i>Earth Systems and Environment</i> , 2022, 6, 453-468.	6.2	5
20	Spatial and temporal patterns of water salinity in the marginal grabens of Ethiopia's Danakil Depression. <i>Land Degradation and Development</i> , 2019, 30, 1407.	3.9	4
21	Dynamics of ephemeral streams at the foot of degraded catchments in northern Ethiopia. <i>Land Degradation and Development</i> , 2020, 31, 591-606.	3.9	4
22	Online digital archive of aerial photographs (1935-1941) of Ethiopia. <i>Geoscience Data Journal</i> , 2022, 9, 3-36.	4.4	2
23	Spatiotemporal drought occurrences in the semi-closed Raya graben along the northern Ethiopian Rift Valley. <i>Singapore Journal of Tropical Geography</i> , 2022, 43, 85-107.	0.9	2
24	Spatial and seasonal water level dynamics in dryland grabens along the Rift Valley of northern Ethiopia. <i>Hydrological Sciences Journal</i> , 2022, 67, 1418-1438.	2.6	2
25	Ephemeral stream dynamics, land cover changes and climate variability in the marginal grabens of the northern Ethiopian Rift Valley. <i>Afrika Focus</i> , 2016, 29, .	0.2	1
26	Spatial distribution and livelihood effects of debris cones at the western Afar Rift Valley margin, northern Ethiopia. <i>Norsk Geografisk Tidsskrift</i> , 2020, 74, 88-104.	0.7	0
27	Analyzing and Modeling of Geo Spatial Effect on Radio Wave Propagation System Using Geospatial Technologies. <i>Journal of Geographic Information System</i> , 2017, 09, 777-795.	0.5	0
28	Global Change Impact on Ephemeral Streams Sediment Load in the Raya Graben, Northern Ethiopia. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2019, , 6-11.	0.4	0