

# Ashebir Sewale Belay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1491773/publications.pdf>

Version: 2024-02-01

10  
papers

469  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

476  
citing authors

#	ARTICLE	IF	CITATIONS
1	The dynamics of urban expansion and land use/land cover changes using remote sensing and spatial metrics: the case of Mekelle City of northern Ethiopia. <i>International Journal of Remote Sensing</i> , 2017, 38, 4107-4129.	2.9	116
2	Spatial distribution and temporal trends of rainfall and erosivity in the Eastern Africa region. <i>Hydrological Processes</i> , 2017, 31, 4555-4567.	2.6	89
3	Cropland expansion outweighs the monetary effect of declining natural vegetation on ecosystem services in sub-Saharan Africa. <i>Ecosystem Services</i> , 2020, 45, 101154.	5.4	57
4	Evaluation of satellite rainfall estimates over the Lake Tana basin at the source region of the Blue Nile River. <i>Atmospheric Research</i> , 2018, 212, 43-53.	4.1	55
5	Evaluation and Application of Multi-Source Satellite Rainfall Product CHIRPS to Assess Spatio-Temporal Rainfall Variability on Data-Sparse Western Margins of Ethiopian Highlands. <i>Remote Sensing</i> , 2019, 11, 2688.	4.0	51
6	Agroecology-based soil erosion assessment for better conservation planning in Ethiopian river basins. <i>Environmental Research</i> , 2021, 195, 110786.	7.5	51
7	Groundwater recharge and water table response to changing conditions for aquifers at different physiography: The case of a semi-humid river catchment, northwestern highlands of Ethiopia. <i>Science of the Total Environment</i> , 2020, 748, 142243.	8.0	24
8	Rechargeâ€“Discharge Relations of Groundwater in Volcanic Terrain of Semi-Humid Tropical Highlands of Ethiopia: The Case of Infranz Springs, in the Upper Blue Nile. <i>Water (Switzerland)</i> , 2020, 12, 853.	2.7	15
9	Water Resources Studies in Headwaters of the Blue Nile Basin: A Review with Emphasis on Lake Water Balance and Hydrogeological Characterization. <i>Water (Switzerland)</i> , 2021, 13, 1469.	2.7	6
10	Spatial and temporal simulation of groundwater recharge and cross-validation with point estimations in volcanic aquifers with variable topography. <i>Journal of Hydrology: Regional Studies</i> , 2022, 42, 101142.	2.4	5