

Wondwosen M Seyoum

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

341
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Downscaling GRACE TWSA Data into High-Resolution Groundwater Level Anomaly Using Machine Learning-Based Models in a Glacial Aquifer System. Remote Sensing, 2019, 11, 824.	4.0	80
2	Improved methods for estimating local terrestrial water dynamics from GRACE in the Northern High Plains. Advances in Water Resources, 2017, 110, 279-290.	3.8	57
3	Understanding the relative impacts of natural processes and human activities on the hydrology of the Central Rift Valley lakes, East Africa. Hydrological Processes, 2015, 29, 4312-4324.	2.6	51
4	Monitoring and comparison of terrestrial water storage changes in the northern high plains using GRACE and in-situ based integrated hydrologic model estimates. Advances in Water Resources, 2016, 94, 31-44.	3.8	35
5	Spatial Downscaling of GRACE TWSA Data to Identify Spatiotemporal Groundwater Level Trends in the Upper Floridan Aquifer, Georgia, USA. Remote Sensing, 2019, 11, 2756.	4.0	34
6	Characterizing water storage trends and regional climate influence using GRACE observation and satellite altimetry data in the Upper Blue Nile River Basin. Journal of Hydrology, 2018, 566, 274-284.	5.4	31
7	Multi-Scale Hydrologic Sensitivity to Climatic and Anthropogenic Changes in Northern Morocco. Geosciences (Switzerland), 2020, 10, 13.	2.2	18
8	Spatiotemporal Analysis of Water Quality Indicators in Small Lakes Using Sentinel-2 Satellite Data: Lake Bloomington and Evergreen Lake, Central Illinois, USA. Environmental Processes, 2021, 8, 637-660.	3.5	11
9	High-Resolution Mapping of Tile Drainage in Agricultural Fields Using Unmanned Aerial System (UAS)-Based Radiometric Thermal and Optical Sensors. Hydrology, 2021, 8, 2.	3.0	10
10	Drought and climate teleconnection and drought monitoring. , 2019, , 275-295.		4
11	Lake surface area expansion: Insights into the role of volcano-tectonic processes, Lake Beseka, East Africa. Journal of Hydrology: Regional Studies, 2022, 41, 101093.	2.4	4
12	Suitability of satellite-based hydro-climate variables and machine learning for streamflow modeling at various scale watersheds. Hydrological Sciences Journal, 2020, 65, 2233-2248.	2.6	3
13	Recycling of Nitrate and Organic Matter by Plants in the Vadose Zone of a Saturated Riparian Buffer. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	3