

Mulatie Mekonnen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8092688/publications.pdf>

Version: 2024-02-01

20
papers

702
citations

840585

11
h-index

887953

17
g-index

20
all docs

20
docs citations

20
times ranked

877
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil Conservation Through Sediment Trapping: A Review. <i>Land Degradation and Development</i> , 2015, 26, 544-556.	1.8	222
2	Evaluating sediment storage dams: structural off-site sediment trapping measures in northwest Ethiopia. <i>Cuadernos De Investigacion Geografica</i> , 2015, 41, 7-22.	0.6	102
3	Reducing Sediment Connectivity Through manâ€Made and Natural Sediment Sinks in the Minizr Catchment, Northwest Ethiopia. <i>Land Degradation and Development</i> , 2017, 28, 708-717.	1.8	81
4	Effects of Soil Bund and Stone-Faced Soil Bund on Soil Physicochemical Properties and Crop Yield Under Rain-Fed Conditions of Northwest Ethiopia. <i>Land</i> , 2020, 9, 13.	1.2	57
5	Sediment trapping with indigenous grass species showing differences in plant traits in northwest Ethiopia. <i>Catena</i> , 2016, 147, 755-763.	2.2	49
6	Soil Erosion Mapping and Hotspot Area Identification Using GIS and Remote Sensing in Northwest Ethiopian Highlands, Near Lake Tana. , 2011, , 207-224.		27
7	Rainfall and water yield in Macizo del Caroig, Eastern Iberian Peninsula. Event runoff at plot scale during a rare flash flood at the Barranco de Benacancil. <i>Cuadernos De Investigacion Geografica</i> , 2021, 47, 95-119.	0.6	26
8	Conversion of crop land use to plantation land use, northwest Ethiopia. <i>Trees, Forests and People</i> , 2021, 3, 100044.	0.8	20
9	Soil conservation practices contribution in trapping sediment and soil organic carbon, Minizr watershed, northwest highlands of Ethiopia. <i>Journal of Soils and Sediments</i> , 2020, 20, 2484-2494.	1.5	16
10	Impacts of soil and water conservation practices after half of a generation age, northwest highlands of Ethiopia. <i>Soil and Tillage Research</i> , 2021, 205, 104755.	2.6	16
11	Soil Properties and Crop Productivity Strategies as a Potential Climate Variability Adaptation Options in Adefwuha Watershed, Ethiopia. <i>Earth Systems and Environment</i> , 2020, 4, 359-368.	3.0	15
12	Integrated watershed management on soil quality, crop productivity and climate change adaptation, dry highland of Northeast Ethiopia. <i>Agricultural Systems</i> , 2021, 186, 102964.	3.2	14
13	GIS and Remote Sensing-Based Forest Resource Assessment, Quantification, and Mapping in Amhara Region, Ethiopia. <i>Springer Geography</i> , 2016, , 9-29.	0.3	13
14	Spatial Runoff Estimation and Mapping of Potential Water Harvesting Sites: A GIS and Remote Sensing Perspective, Northwest Ethiopia. <i>Springer Geography</i> , 2016, , 565-584.	0.3	10
15	Check dams and storages beyond trapping sediment, carbon sequestration for climate change mitigation, Northwest Ethiopia. <i>Geoenvironmental Disasters</i> , 2019, 6, .	1.8	10
16	Economics of agroforestry land use system, Upper Blue Nile Basin, northwest Ethiopia. <i>Agroforestry Systems</i> , 2023, 97, 305-317.	0.9	9
17	Gully erosion and its impacts on soil loss and crop yield in three decades, northwest Ethiopia. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 2491-2500.	1.9	7
18	Evaluation of Technical Standards of Physical Soil and Water Conservation Practices and Their Role in Soil Loss Reduction: The Case of Debre Mewi Watershed, North-west Ethiopia. <i>Springer Geography</i> , 2016, , 789-818.	0.3	6

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19	Gully Erosion and Effectiveness of Its Treatment Measures, Upper Abay Basin, in the Northwest Highlands of Ethiopia. Springer Geography, 2021, , 397-421.	0.3	1
20	Threats and management options of the green belt natural forest, northwest lowlands of Ethiopia. Trees, Forests and People, 2022, 9, 100305.	0.8	1