

Gebreyesus Brhane Tesfahunegn

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

716
citations

567281

15
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

800
citing authors

#	ARTICLE	IF	CITATIONS
1	Catchment-scale spatial variability of soil properties and implications on site-specific soil management in northern Ethiopia. <i>Soil and Tillage Research</i> , 2011, 117, 124-139.	5.6	127
2	Farmers' perception on causes, indicators and determinants of climate change in northern Ethiopia: Implication for developing adaptation strategies. <i>Applied Geography</i> , 2016, 73, 1-12.	3.7	110
3	Soil Quality Indicators Response to Land Use and Soil Management Systems in Northern Ethiopia's Catchment. <i>Land Degradation and Development</i> , 2016, 27, 438-448.	3.9	70
4	Evaluation of soil quality identified by local farmers in Mai-Negus catchment, northern Ethiopia. <i>Geoderma</i> , 2011, 163, 209-218.	5.1	46
5	Soil Quality Assessment Strategies for Evaluating Soil Degradation in Northern Ethiopia. <i>Applied and Environmental Soil Science</i> , 2014, 2014, 1-14.	1.7	32
6	Farmers' perception on land degradation in northern Ethiopia: Implication for developing sustainable land management. <i>Social Science Journal</i> , 2019, 56, 268-287.	1.5	31
7	Variation in soil properties under different cropping and other land-use systems in Dura catchment, Northern Ethiopia. <i>PLoS ONE</i> , 2020, 15, e0222476.	2.5	29
8	A participatory soil quality assessment in Northern Ethiopia's Mai-Negus catchment. <i>Catena</i> , 2011, 86, 1-13.	5.0	28
9	Short-term effects of tillage practices on soil properties under Tef [<i>Eragrostis tef</i> (Zucc. Trotter)] crop in northern Ethiopia. <i>Agricultural Water Management</i> , 2015, 148, 241-249.	5.6	25
10	Farmers' perception on soil erosion in Ghana: Implication for developing sustainable soil management strategy. <i>PLoS ONE</i> , 2021, 16, e0242444.	2.5	23
11	Tied-ridging and fertilizer use for sorghum production in semi-arid Ethiopia. <i>Nutrient Cycling in Agroecosystems</i> , 2009, 85, 87-94.	2.2	21
12	Management strategies for reducing soil degradation through modeling in a GIS environment in northern Ethiopia catchment. <i>Nutrient Cycling in Agroecosystems</i> , 2012, 92, 255-272.	2.2	20
13	Assessing Farmers' Knowledge of Weed Species, Crop Type and Soil Management Practices in Relation to Soil Quality Status in Mai-Negus Catchment, Northern Ethiopia. <i>Land Degradation and Development</i> , 2016, 27, 120-133.	3.9	19
14	Soil Erosion Prediction Using Morgan-Morgan-Finney Model in a GIS Environment in Northern Ethiopia Catchment. <i>Applied and Environmental Soil Science</i> , 2014, 2014, 1-15.	1.7	18
15	Chloride mass balance for estimation of groundwater recharge in a semi-arid catchment of northern Ethiopia. <i>Hydrogeology Journal</i> , 2019, 27, 363-378.	2.1	17
16	GIS based water balance components estimation in northern Ethiopia catchment. <i>Soil and Tillage Research</i> , 2020, 197, 104514.	5.6	15
17	Climate change effects on agricultural production: insights for adaptation strategy from the context of smallholder farmers in Dura catchment, northern Ethiopia. <i>Geo Journal</i> , 2021, 86, 417-430.	3.1	15
18	Tie-Ridge Tillage for High Altitude Pulse Production in Northern Ethiopia. <i>Agronomy Journal</i> , 2008, 100, 447-453.	1.8	13

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19	Smallholder farmers' level of understanding on the impacts of climate change on water resources in northern Ethiopia catchment. <i>Geo Journal</i> , 2022, 87, 565-583.	3.1	11
20	Assessing Soil Properties and Landforms in the Mai-Negus Catchment, Northern Ethiopia. <i>Pedosphere</i> , 2016, 26, 745-759.	4.0	8
21	Soil Moisture Response to Short-Term Inorganic Fertilization on Tef (<i>Eragrostis tef</i> (Zucc.) Tj ETQq1 1 0.784314 rgBT /Overloc	1.7	7
22	Skip Row Planting and Tie-Ridging for Sorghum Production in Semiarid Areas of Ethiopia. <i>Agronomy Journal</i> , 2010, 102, 745-750.	1.8	6
23	Assessing Sediment-Nutrient Export Rate and Soil Degradation in Mai-Negus Catchment, Northern Ethiopia. <i>ISRN Soil Science</i> , 2013, 2013, 1-10.	0.8	6
24	Maize [<i>Zea Mays</i> (L.)] crop-nutrient response functions extrapolation for Sub-Saharan Africa. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 109, 269-289.	2.2	5
25	Effectiveness of water-saving techniques on growth performance of Mango (<i>Mangifera Indica</i> L.) Seedlings in Mihitsab-Azmati Watershed, Rama Area, Northern Ethiopia. <i>Agricultural Water Management</i> , 2021, 243, 106476.	5.6	5
26	Response of Yield and Yield Components of Tef [<i>Eragrostis tef</i> (Zucc.) Trotter] to Tillage, Nutrient, and Weed Management Practices in Dura Area, Northern Ethiopia. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-9.	0.9	4
27	Tie-Ridge Tillage for High Altitude Pulse Production in Northern Ethiopia. <i>Agronomy Journal</i> , 2008, 100, 447.	1.8	3
28	Nutrient response functions of tef crop in different agro ecological zones of Ethiopia. <i>Geoderma Regional</i> , 2019, 16, e00208.	2.1	1
29	Title is missing!. , 2020, 15, e0222476.		0
30	Title is missing!. , 2020, 15, e0222476.		0
31	Title is missing!. , 2020, 15, e0222476.		0
32	Title is missing!. , 2020, 15, e0222476.		0
33	Title is missing!. , 2020, 15, e0222476.		0
34	Title is missing!. , 2020, 15, e0222476.		0