

Eyob H Tesfamariam

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

458
citations

758635

12
h-index

752256

20
g-index

38
all docs

38
docs citations

38
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Implication of sludge stabilization process and polymeric material addition on nitrogen and carbon mineralization. <i>Current Research in Environmental Sustainability</i> , 2021, 3, 100040.	1.7	3
2	Annual Net Primary Productivity of Different Functional Groups as Affected by Different Intensities of Rainfall Reduction in the Semiarid Grasslands of the Gauteng Province in South Africa. <i>Agronomy</i> , 2021, 11, 730.	1.3	3
3	Modelled effects of grazing strategies on native grass production, animal intake and growth in Brahman steers. <i>African Journal of Range and Forage Science</i> , 2021, 38, S41-S51.	0.6	2
4	Seasonal Herbaceous Structure and Biomass Production Response to Rainfall Reduction and Resting Period in the Semi-Arid Grassland Area of South Africa. <i>Agronomy</i> , 2020, 10, 1807.	1.3	4
5	Costâ€Benefit Analysis of Municipal Sludge as a Low-Grade Nutrient Source: A Case Study from South Africa. <i>Sustainability</i> , 2020, 12, 9950.	1.6	8
6	Agricultural use suitability assessment and characterization of municipal liquid sludge: Based on South Africa survey. <i>Science of the Total Environment</i> , 2020, 721, 137658.	3.9	27
7	Carbon sequestration and selected hydraulic characteristics under conservation agriculture and traditional tillage practices in Malawi. <i>Soil Research</i> , 2020, 58, 759.	0.6	5
8	Sludge Stabilization Process, Drying Depth and Polymeric Material Addition: Implication on Nitrogen Content, Selected Chemical Properties and Land Requirement in Sand Drying Beds. <i>Energies</i> , 2020, 13, 6753.	1.6	5
9	Analysis of drought conditions over major maize producing provinces of South Africa. <i>J Agricultural Meteorology</i> , 2019, 75, 173-182.	0.8	14
10	Can a Blend of Amendments be an Important Component of a Rehabilitation Strategy for Surface Coal Mined Soils?. <i>Sustainability</i> , 2019, 11, 4297.	1.6	5
11	Nitrogen and phosphorus dynamics in plants and soil fertigated with decentralised wastewater treatment effluent. <i>Agricultural Water Management</i> , 2019, 215, 55-62.	2.4	10
12	Nitrogen and phosphorus fluxes in three soils fertigated with decentralised wastewater treatment effluent to field capacity. <i>Journal of Water Reuse and Desalination</i> , 2019, 9, 142-151.	1.2	6
13	Potential impacts of extreme weather events in main maize (<i>Zea mays</i> L.) producing areas of South Africa under rainfed conditions. <i>Regional Environmental Change</i> , 2019, 19, 1441-1452.	1.4	23
14	Application of Artificial Neural Network for Predicting Maize Production in South Africa. <i>Sustainability</i> , 2019, 11, 1145.	1.6	49
15	Modelling maize grain yield and nitrate leaching from sludge-amended soils across agro-ecological zones: A case study from South Africa. <i>Water S A</i> , 2019, 45, .	0.2	2
16	Analysis of agro-climatic parameters and their influence on maize production in South Africa. <i>Theoretical and Applied Climatology</i> , 2018, 134, 991-1004.	1.3	32
17	Yield, resource use efficiency and trace metal uptake of weeping lovegrass grown on municipal sludgeâ€amended soil. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 478-486.	1.7	1
18	Growth, Development, Leaf Gaseous Exchange, and Grain Yield Response of Maize Cultivars to Drought and Flooding Stress. <i>Sustainability</i> , 2018, 10, 3492.	1.6	17

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19	Variability of Satellite Derived Phenological Parameters across Maize Producing Areas of South Africa. <i>Sustainability</i> , 2018, 10, 3033.	1.6	4
20	Performance of ratio-based, soil-adjusted and atmospherically corrected multispectral vegetation indices in predicting herbaceous aboveground biomass in a <i>Colophospermum mopane</i> tree-shrub savanna. <i>Grass and Forage Science</i> , 2018, 73, 727-739.	1.2	10
21	Decentralised wastewater treatment effluent fertigation: preliminary technical assessment. <i>Water S A</i> , 2018, 44, .	0.2	0
22	Modelled impacts of extreme heat and drought on maize yield in South Africa. <i>Crop and Pasture Science</i> , 2018, 69, 703.	0.7	19
23	Potential use of forage-legume intercropping technologies to adapt to climate-change impacts on mixed crop-livestock systems in Africa: a review. <i>Regional Environmental Change</i> , 2017, 17, 1713-1724.	1.4	40
24	Long-term impacts of grazing intensity on soil carbon sequestration and selected soil properties in the arid Eastern Cape, South Africa. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1945-1952.	1.7	14
25	Modelling N mineralisation from sludge-amended soils across agro-ecological zones: A case study from South Africa. <i>Ecological Modelling</i> , 2016, 322, 19-30.	1.2	8
26	Mobility and Uptake of Zinc, Cadmium, Nickel, and Lead in Sludge-Amended Soils Planted to Dryland Maize and Irrigated Maize-Oat Rotation. <i>Journal of Environmental Quality</i> , 2015, 44, 655-667.	1.0	9
27	Effect of irrigation with anaerobic baffled reactor effluent on Swiss chard (<i>Beta vulgaris</i> cicla.) yield, nutrient uptake and leaching. <i>Journal of Water Reuse and Desalination</i> , 2015, 5, 592-609.	1.2	9
28	Use of the SWB-Sci model for nitrogen management in sludge-amended land. <i>Agricultural Water Management</i> , 2015, 152, 262-276.	2.4	10
29	Yield decline in mechanically harvested clonal tea (<i>Camellia sinensis</i> (L) O. Kuntze) as influenced by changes in source/sink and radiation interception dynamics in the canopy. <i>Scientia Horticulturae</i> , 2015, 194, 286-294.	1.7	9
30	Long-term impacts of season of grazing on soil carbon sequestration and selected soil properties in the arid Eastern Cape, South Africa. <i>Plant and Soil</i> , 2015, 397, 317-329.	1.8	10
31	Using soil-specific partition coefficients to improve accuracy of the new South African guideline for contaminated land. <i>Water S A</i> , 2014, 41, 9.	0.2	0
32	Evaluating of soil water balance (SWB-Sci) model for water and nitrogen interactions in pasture: Example using annual ryegrass. <i>Agricultural Water Management</i> , 2014, 146, 238-248.	2.4	14
33	Municipal sludge as source of nitrogen and phosphorus in perennial pasture <i>Eragrostis curvula</i> production: Agronomic benefits and environmental impacts. <i>Water S A</i> , 2013, 39, .	0.2	3
34	Water Stress Effects on Winter Canola Growth and Yield. <i>Agronomy Journal</i> , 2010, 102, 658-666.	0.9	56
35	Exporting Large Volumes of Municipal Sewage Sludge through Turfgrass Sod Production. <i>Journal of Environmental Quality</i> , 2009, 38, 1320-1328.	1.0	24
36	Calibration and evaluation of the Sustainable Grazing Systems pasture model for predicting native grass aboveground biomass production in southern Africa. <i>African Journal of Range and Forage Science</i> , 0, , 1-13.	0.6	1