

# Phesheya Dlamini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5955518/publications.pdf>

Version: 2024-02-01

22  
papers

641  
citations

840776

11  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overgrazing decreases soil organic carbon stocks the most under dry climates and low soil pH: A meta-analysis shows. <i>Agriculture, Ecosystems and Environment</i> , 2016, 221, 258-269.	5.3	156
2	Land degradation impact on soil organic carbon and nitrogen stocks of sub-tropical humid grasslands in South Africa. <i>Geoderma</i> , 2014, 235-236, 372-381.	5.1	106
3	Controlling factors of sheet erosion under degraded grasslands in the sloping lands of KwaZulu-Natal, South Africa. <i>Agricultural Water Management</i> , 2011, 98, 1711-1718.	5.6	77
4	Estimating carbon stocks at a regional level using soil information and easily accessible auxiliary variables. <i>Geoderma</i> , 2010, 155, 372-380.	5.1	76
5	Potential of grassland rehabilitation through high density-short duration grazing to sequester atmospheric carbon. <i>Geoderma</i> , 2016, 271, 10-17.	5.1	44
6	Rainfall simulation to identify the storm-scale mechanisms of gully bank retreat. <i>Agricultural Water Management</i> , 2011, 98, 1704-1710.	5.6	38
7	Precipitation intensity-duration-frequency curves and their uncertainties for Ghaap plateau. <i>Climate Risk Management</i> , 2017, 16, 1-9.	3.2	36
8	Surface organic carbon enrichment to explain greater CO <sub>2</sub> emissions from short-term no-tilled soils. <i>Agriculture, Ecosystems and Environment</i> , 2015, 203, 110-118.	5.3	23
9	Grass species richness decreases along a woody plant encroachment gradient in a semi-arid savanna grassland, South Africa. <i>Landscape Ecology</i> , 2021, 36, 617-636.	4.2	18
10	Drought dynamics and interannual rainfall variability on the Ghaap plateau, South Africa, 1918â€“2014. <i>Physics and Chemistry of the Earth</i> , 2018, 107, 1-7.	2.9	12
11	Reduction of evaporation from bare soil using plastic and gravel mulches and assessment of gravel mulch for partitioning evapotranspiration under irrigated canola. <i>Soil Research</i> , 2017, 55, 222.	1.1	11
12	Chemical stabilisation of carbon stocks by polyvalent cations in plinthic soil of a shrub-encroached savanna grassland, South Africa. <i>Catena</i> , 2019, 181, 104088.	5.0	9
13	In vitro effect of some commercial fungicides on mycelial growth of <i>Fusarium</i> species causing maize ear rot disease in China. <i>Archives of Phytopathology and Plant Protection</i> , 2021, 54, 557-569.	1.3	6
14	Nationwide temporal variability of droughts in the Kingdom of Eswatini: 1981â€“2018. <i>Heliyon</i> , 2020, 6, e05707.	3.2	6
15	Whole tree water use: Effects of tree morphology and environmental factors. <i>Ecological Indicators</i> , 2019, 102, 366-373.	6.3	5
16	On the interpolation of volumetric water content in research catchments. <i>Physics and Chemistry of the Earth</i> , 2012, 50-52, 165-174.	2.9	4
17	Infiltration-excess runoff properties of dryland floodplain soil types under simulated rainfall conditions. <i>Arid Land Research and Management</i> , 2019, 33, 235-254.	1.6	4
18	Effect of mound-building termites on soil physicochemical properties and sugarcane stalk heights. <i>South African Journal of Plant and Soil</i> , 2019, 36, 385-388.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Influences of geochemical factors and substrate availability on Gram-positive and Gram-negative bacterial distribution and bio-processes in ageing municipal landfills. <i>International Microbiology</i> , 2021, 24, 311-324.	2.4	3
20	Response of Glasshouse Grown Malt Barley Yield to Water Stress. <i>Agronomy Journal</i> , 2017, 109, 769-781.	1.8	2
21	Characterisation and Effects of Different Levels of Water Stress at Different Growth Stages in Malt Barley under Water-Limited Conditions. <i>Plants</i> , 2022, 11, 578.	3.5	2
22	The Impact of Land Degradation on the Quality of Soils in a South African Communal Rangeland. , 0, , .		0