

# Sebinasi Dzikiti

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

688  
citations

687363

13  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

961  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contrasting water use patterns of two drought adapted native fruit tree species growing on nutrient poor sandy soils in northern KwaZulu-Natal. <i>South African Journal of Botany</i> , 2022, 147, 197-207.	2.5	7
2	Contribution of understorey vegetation to evapotranspiration partitioning in apple orchards under Mediterranean climatic conditions in South Africa. <i>Agricultural Water Management</i> , 2021, 245, 106627.	5.6	8
3	Water use of <i>Prosopis juliflora</i> and its impacts on catchment water budget and rural livelihoods in Afar Region, Ethiopia. <i>Scientific Reports</i> , 2021, 11, 2688.	3.3	22
4	Modelling water utilization patterns in apple orchards with varying canopy sizes and different growth stages in semi-arid environments. <i>Scientia Horticulturae</i> , 2021, 283, 110051.	3.6	2
5	Water use of selected cover crop species commonly grown in South African fruit orchards and their response to drought stress. <i>Physics and Chemistry of the Earth</i> , 2021, 124, 103070.	2.9	1
6	Estimating crop coefficients for apple orchards with varying canopy cover using measured data from twelve orchards in the Western Cape Province, South Africa. <i>Agricultural Water Management</i> , 2020, 233, 106103.	5.6	11
7	Impacts of Plant Invasions on Terrestrial Water Flows in South Africa. , 2020, , 431-457.		30
8	Comparison of two remote sensing models for estimating evapotranspiration: algorithm evaluation and application in seasonally arid ecosystems in South Africa. <i>Journal of Arid Land</i> , 2019, 11, 495-512.	2.3	9
9	The impacts of commercial plantation forests on groundwater recharge: A case study from George (Western Cape, South Africa). <i>Physics and Chemistry of the Earth</i> , 2019, 112, 187-199.	2.9	2
10	Field quantification of the water footprint of an apple orchard, and extrapolation to watershed scale within a winter rainfall Mediterranean climate zone. <i>Agricultural and Forest Meteorology</i> , 2019, 271, 135-147.	4.8	17
11	A comparative assessment of water use by <i>Acacia longifolia</i> invasions occurring on hillslopes and riparian zones in the Cape Agulhas region of South Africa. <i>Physics and Chemistry of the Earth</i> , 2019, 112, 255-264.	2.9	14
12	Characterising the water use and hydraulic properties of riparian tree invasions: A case study of <i>Populus canescens</i> in South Africa. <i>Water S A</i> , 2018, 44, .	0.4	6
13	Estimating the water requirements of high yielding and young apple orchards in the winter rainfall areas of South Africa using a dual source evapotranspiration model. <i>Agricultural Water Management</i> , 2018, 208, 152-162.	5.6	35
14	Assessing water use by <i>Prosopis</i> invasions and <i>Vachellia karroo</i> trees: Implications for groundwater recovery following alien plant removal in an arid catchment in South Africa. <i>Forest Ecology and Management</i> , 2017, 398, 153-163.	3.2	24
15	Estimates of the impacts of invasive alien plants on water flows in South Africa. <i>Water S A</i> , 2016, 42, 659.	0.4	59
16	Quantifying potential water savings from clearing invasive alien <i>Eucalyptus camaldulensis</i> using in situ and high resolution remote sensing data in the Berg River Catchment, Western Cape, South Africa. <i>Forest Ecology and Management</i> , 2016, 361, 69-80.	3.2	34
17	Impacts of invading alien plant species on water flows at stand and catchment scales. <i>AoB PLANTS</i> , 2015, 7, plv043.	2.3	58
18	Measurement and modelling of evapotranspiration in three fynbos vegetation types. <i>Water S A</i> , 2014, 40, 189.	0.4	10

#	ARTICLE	IF	CITATIONS
19	Validation of Global Evapotranspiration Product (MOD16) using Flux Tower Data in the African Savanna, South Africa. <i>Remote Sensing</i> , 2014, 6, 7406-7423.	4.0	129
20	Comparison of water-use by alien invasive pine trees growing in riparian and non-riparian zones in the Western Cape Province, South Africa. <i>Forest Ecology and Management</i> , 2013, 293, 92-102.	3.2	21
21	Water relations and the effects of clearing invasive <i>Prosopis</i> trees on groundwater in an arid environment in the Northern Cape, South Africa. <i>Journal of Arid Environments</i> , 2013, 90, 103-113.	2.4	78
22	Seasonal variation in canopy reflectance and its application to determine the water status and water use by citrus trees in the Western Cape, South Africa. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1035-1044.	4.8	22
23	Determining the water status of Satsuma mandarin trees [ <i>Citrus Unshiu</i> Marcovitch] using spectral indices and by combining hyperspectral and physiological data. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 369-379.	4.8	54
24	Stomatal Oscillations in Orange Trees under Natural Climatic Conditions. <i>Annals of Botany</i> , 2006, 97, 831-835.	2.9	35