Sebinasi Dzikiti

List of Publications by Year
in descending order

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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	Validation of Global Evapotranspiration Product (MOD16) using Flux Tower Data in the African Savanna, South Africa. Remote Sensing, 2014, 6, 7406-7423.	4.0	129
2	Water relations and the effects of clearing invasive Prosopis trees on groundwater in an arid environment in the Northern Cape, South Africa. Journal of Arid Environments, 2013, 90, 103-113.	2.4	78
3	Estimates of the impacts of invasive alien plants on water flows in South Africa. Water S A, 2016, 42, 659.	0.4	59
4	Impacts of invading alien plant species on water flows at stand and catchment scales. AoB PLANTS, 2015, 7, plv043.	2.3	58
5	Determining the water status of Satsuma mandarin trees [Citrus Unshiu Marcovitch] using spectral indices and by combining hyperspectral and physiological data. Agricultural and Forest Meteorology, 2010, 150, 369-379.	4.8	54
6	Stomatal Oscillations in Orange Trees under Natural Climatic Conditions. Annals of Botany, 2006, 97, 831-835.	2.9	35
7	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. Agricultural Water Management, 2018, 208, 152-162.	5.6	35
8	Quantifying potential water savings from clearing invasive alien Eucalyptus camaldulensis using in situ and high resolution remote sensing data in the Berg River Catchment, Western Cape, South Africa. Forest Ecology and Management, 2016, 361, 69-80.	3.2	34
9	Impacts of Plant Invasions on Terrestrial Water Flows in South Africa. , 2020, , 431-457.		30
10	Assessing water use by Prosopis invasions and Vachellia karroo trees: Implications for groundwater recovery following alien plant removal in an arid catchment in South Africa. Forest Ecology and Management, 2017, 398, 153-163.	3.2	24
11	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. Agricultural and Forest Meteorology, 2011, 151, 1035-1044.	4.8	22
12	Water use of Prosopis juliflora and its impacts on catchment water budget and rural livelihoods in Afar Region, Ethiopia. Scientific Reports, 2021, 11, 2688.	3.3	22
13	Comparison of water-use by alien invasive pine trees growing in riparian and non-riparian zones in the Western Cape Province, South Africa. Forest Ecology and Management, 2013, 293, 92-102.	3.2	21
14	Field quantification of the water footprint of an apple orchard, and extrapolation to watershed scale within a winter rainfall Mediterranean climate zone. Agricultural and Forest Meteorology, 2019, 271, 135-147.	4.8	17
15	A comparative assessment of water use by Acacia longifolia invasions occurring on hillslopes and riparian zones in the Cape Agulhas region of South Africa. Physics and Chemistry of the Earth, 2019, 112, 255-264.	2.9	14
16	Estimating crop coefficients for apple orchards with varying canopy cover using measured data from twelve orchards in the Western Cape Province, South Africa. Agricultural Water Management, 2020, 233, 106103.	5.6	11
17	Measurement and modelling of evapotranspiration in three fynbos vegetation types. Water S A, 2014, 40, 189.	0.4	10
18	Comparison of two remote sensing models for estimating evapotranspiration: algorithm evaluation and application in seasonally arid ecosystems in South Africa. Journal of Arid Land, 2019, 11, 495-512.	2.3	9

#	Article	IF	Citations
19	Contribution of understorey vegetation to evapotranspiration partitioning in apple orchards under Mediterranean climatic conditions in South Africa. Agricultural Water Management, 2021, 245, 106627.	5.6	8
20	Contrasting water use patterns of two drought adapted native fruit tree species growing on nutrient poor sandy soils in northern KwaZulu-Natal. South African Journal of Botany, 2022, 147, 197-207.	2.5	7
21	Characterising the water use and hydraulic properties of riparian tree invasions: A case study of Populus canescens in South Africa. Water S A, 2018, 44, .	0.4	6
22	The impacts of commercial plantation forests on groundwater recharge: A case study from George (Western Cape, South Africa). Physics and Chemistry of the Earth, 2019, 112, 187-199.	2.9	2
23	Modelling water utilization patterns in apple orchards with varying canopy sizes and different growth stages in semi-arid environments. Scientia Horticulturae, 2021, 283, 110051.	3.6	2
24	Water use of selected cover crop species commonly grown in South African fruit orchards and their response to drought stress. Physics and Chemistry of the Earth, 2021, 124, 103070.	2.9	1