

Alistair Clulow

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

251
citations

1162367

8
h-index

1058022

14
g-index

17
all docs

17
docs citations

17
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Lightning monitoring and detection techniques: Progress and challenges in South Africa. South African Journal of Science, 2021, 117, .	0.3	3
2	Application of Drone Technologies in Surface Water Resources Monitoring and Assessment: A Systematic Review of Progress, Challenges, and Opportunities in the Global South. Drones, 2021, 5, 84.	2.7	41
3	Long-term trends and variability in the microclimates of the uMngeni Catchment, KwaZulu-Natal, South Africa and potential impacts on water resources. Theoretical and Applied Climatology, 2020, 140, 1171-1184.	1.3	3
4	Impacts of Plant Invasions on Terrestrial Water Flows in South Africa. , 2020, , 431-457.		30
5	Selection of wheat genotypes for biomass allocation to improve drought tolerance and carbon sequestration into soils. Journal of Agronomy and Crop Science, 2019, 205, 385-400.	1.7	30
6	Present status of soil moisture estimation over the African continent. Journal of Hydrology: Regional Studies, 2019, 21, 14-24.	1.0	28
7	Integration of a Ground-Based Lightning Warning System into a Mining Operation in the Democratic Republic of the Congo. Weather, Climate, and Society, 2018, 10, 899-912.	0.5	3
8	Water-use dynamics of an alien-invaded riparian forest within the Mediterranean climate zone of the Western Cape, South Africa. Hydrology and Earth System Sciences, 2017, 21, 4551-4562.	1.9	5
9	Improving the understanding of rainfall distribution and characterisation in the Cathedral Peak catchments using a geo-statistical technique. Water S A, 2016, 42, 684.	0.2	5
10	A preliminary investigation of the water use efficiency of sweet sorghum for biofuel in South Africa. Water S A, 2016, 42, 152.	0.2	17
11	The annual pattern of sap flow in two Eucalyptus species established in the vicinity of gold-mine tailings dams in central South Africa. Southern Forests, 2016, 78, 307-313.	0.2	2
12	Extending periodic eddy covariance latent heat fluxes through tree sap-flow measurements to estimate long-term total evaporation in a peat swamp forest. Hydrology and Earth System Sciences, 2015, 19, 2513-2534.	1.9	8
13	A new method to measure Bowen ratios using high-resolution vertical dry and wet bulb temperature profiles. Hydrology and Earth System Sciences, 2014, 18, 2021-2032.	1.9	25
14	Transient Pressure Waves in the Vadose Zone and the Rapid Water Table Response. Vadose Zone Journal, 2013, 12, 1-18.	1.3	16
15	Water-use dynamics of a peat swamp forest and a dune forest in Maputaland, South Africa. Hydrology and Earth System Sciences, 2013, 17, 2053-2067.	1.9	12
16	Measurement and modelling of evaporation from a coastal wetland in Maputaland, South Africa. Hydrology and Earth System Sciences, 2012, 16, 3233-3247.	1.9	21
17	Development and validation of an operational multi-layered model for estimation of soil moisture at point-scale in South Africa. South African Journal of Plant and Soil, 0, , 1-13.	0.4	2