

Jeff Smithers

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

401
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

571
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of methods used to estimate catchment response time for the purpose of peak discharge estimation. Hydrological Sciences Journal, 2014, 59, 1935-1971.	2.6	94
2	A methodology for the estimation of short duration design storms in South Africa using a regional approach based on L-moments. Journal of Hydrology, 2001, 241, 42-52.	5.4	68
3	Review of sugarcane trash recovery systems for energy cogeneration in South Africa. Renewable and Sustainable Energy Reviews, 2014, 32, 915-925.	16.4	64
4	Impact of agricultural practices on energy use and greenhouse gas emissions for South African sugarcane production. Journal of Cleaner Production, 2017, 141, 137-145.	9.3	55
5	A hydrological perspective of the February 2000 floods : a case study in the Sabie River catchment. Water S A, 2001, 27, 325.	0.4	40
6	Design rainfall estimation in South Africa using Bartlett's Lewis rectangular pulse rainfall models. Journal of Hydrology, 2002, 258, 83-99.	5.4	36
7	The development and assessment of a daily rainfall disaggregation model for South Africa. Hydrological Sciences Journal, 2009, 54, 217-233.	2.6	18
8	Continuous simulation modelling for design flood estimation in South Africa: Preliminary investigations in the Thukela catchment. Physics and Chemistry of the Earth, 2005, 30, 634-638.	2.9	16
9	The estimation of design rainfalls for South Africa using a regional scale invariant approach. Water S A, 2004, 30, 435.	0.4	8
10	Review: Design norms for soil and water conservation structures in the sugar industry of South Africa. Water S A, 2019, 45, .	0.4	2
11	Verification of runoff volume, peak discharge and sediment yield simulated using the ACRU model for bare fallow and sugarcane fields. Water S A, 2020, 46, .	0.4	0