Schalk Jan van Andel

List of Publications by Year
in descending order

20 papers	731 citations	686830 13 h-index	752256 20 g-index
21 all docs	21 docs citations	21 times ranked	931 citing authors

#	Article	IF	Citations
1	Developing a satellite-based combined drought indicator to monitor agricultural drought: a case study for Ethiopia. GIScience and Remote Sensing, 2019, 56, 718-748.	2.4	39
2	Comparison of the Performance of Six Drought Indices in Characterizing Historical Drought for the Upper Blue Nile Basin, Ethiopia. Geosciences (Switzerland), 2018, 8, 81.	1.0	108
3	Willingness-to-pay for a probabilistic flood forecast: a risk-based decision-making game. Hydrology and Earth System Sciences, 2016, 20, 3109-3128.	1.9	38
4	Spatial and Temporal Distribution of Soil Moisture at the Catchment Scale Using Remotely-Sensed Energy Fluxes. Water (Switzerland), 2016, 8, 32.	1.2	11
5	A Stratified Sampling Approach for Improved Sampling from a Calibrated Ensemble Forecast Distribution. Journal of Hydrometeorology, 2016, 17, 2405-2417.	0.7	15
6	An Experiment on Risk-Based Decision-Making in Water Management Using Monthly Probabilistic Forecasts. Bulletin of the American Meteorological Society, 2016, 97, 541-551.	1.7	20
7	Framework for Anticipatory Water Management: Testing for Flood Control in the Rijnland Storage Basin. Journal of Water Resources Planning and Management - ASCE, 2014, 140, 533-542.	1.3	4
8	Visualizing probabilistic flood forecast information: expert preferences and perceptions of best practice in uncertainty communication. Hydrological Processes, 2013, 27, 132-146.	1.1	100
9	Postâ€processing hydrological ensemble predictions intercomparison experiment. Hydrological Processes, 2013, 27, 158-161.	1.1	34
10	Hydrological ensemble prediction systems. Hydrological Processes, 2013, 27, 1-4.	1.1	33
11	Precipitation forecasts for rainfall runoff predictions. A case study in poorly gauged Ribb and Gumara catchments, upper Blue Nile, Ethiopia. Physics and Chemistry of the Earth, 2013, 61-62, 43-51.	1.2	8
12	Google Android mobile phone applications for water quality information management. Journal of Hydroinformatics, 2013, 15, 1137-1149.	1.1	18
13	Do probabilistic forecasts lead to better decisions?. Hydrology and Earth System Sciences, 2013, 17, 2219-2232.	1.9	132
14	MOBILE PHONE APPLICATIONS IN THE WATER DOMAIN. Environmental Engineering and Management Journal, 2012, 11, 919-930.	0.2	24
15	LENVIS: A USER CENTRIC, WEB SERVICES BASED SYSTEM TO RETRIEVE, ANALYZE AND DELIVER ENVIRONMENTAL AND HEALTH INFORMATION. Environmental Engineering and Management Journal, 2012, 11, 889-897.	0.2	2
16	Integrated modelling for flood risk mitigation in Romania: case study of the Timisâ€“Bega river basin. International Journal of River Basin Management, 2010, 8, 269-280.	1.5	24
17	Modeling Controlled Water Systems. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 392-404.	0.6	7
18	River flow forecasting with artificial neural networks using satellite observed precipitation pre-processed with flow length and travel time information: case study of the Ganges river basin. Hydrology and Earth System Sciences, 2009, 13, 1607-1618.	1.9	91

#	Article	IF	Citations
19	Rijnland case study: hindcast experiment for anticipatory waterâ€system control. Atmospheric Science Letters, 2008, 9, 57-60.	0.8	8
20	Ensemble Precipitation and Water-Level Forecasts for Anticipatory Water-System Control. Journal of Hydrometeorology, 2008, 9, 776-788.	0.7	11