Nicholas J Potter

List of Publications by Year
in descending order

21 papers	1,386 citations	687363 13 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	1701 citing authors

#	Article	IF	Citations
1	Water balance modeling over variable time scales based on the Budyko framework â€“ Model development and testing. Journal of Hydrology, 2008, 360, 117-131.	5.4	346
2	Effects of rainfall seasonality and soil moisture capacity on mean annual water balance for Australian catchments. Water Resources Research, 2005, 41, .	4.2	189
3	The influence of multiyear drought on the annual rainfallâ€“runoff relationship: An <scp>A</scp>ustralian perspective. Water Resources Research, 2015, 51, 2444-2463.	4.2	158
4	How does bias correction of regional climate model precipitation affect modelled runoff?. Hydrology and Earth System Sciences, 2015, 19, 711-728.	4.9	123
5	Interannual variability of catchment water balance in Australia. Journal of Hydrology, 2009, 369, 120-129.	5.4	105
6	Observed hydrologic non-stationarity in far south-eastern Australia: implications for modelling and prediction. Stochastic Environmental Research and Risk Assessment, 2014, 28, 3-15.	4.0	101
7	An assessment of the severity of recent reductions in rainfall and runoff in the Murrayâ€“Darling Basin. Journal of Hydrology, 2010, 381, 52-64.	5.4	91
8	An investigation into changes in climate characteristics causing the recent very low runoff in the southern Murrayâ€Darling Basin using rainfallâ€“runoff models. Water Resources Research, 2011, 47, .	4.2	64
9	Longâ€term streamflow trends in the middle reaches of the Yellow River Basin: detecting drivers of change. Hydrological Processes, 2016, 30, 1315-1329.	2.6	53
10	Long-term annual groundwater storage trends in Australian catchments. Advances in Water Resources, 2014, 74, 156-165.	3.8	41
11	Uncertainties of statistical downscaling from predictor selection: Equifinality and transferability. Atmospheric Research, 2018, 203, 130-140.	4.1	18
12	Impact of downscaled rainfall biases on projected runoff changes. Hydrology and Earth System Sciences, 2020, 24, 2981-2997.	4.9	17
13	Bias in dynamically downscaled rainfall characteristics for hydroclimatic projections. Hydrology and Earth System Sciences, 2020, 24, 2963-2979.	4.9	16
14	Rainfall-Runoff Modelling Considerations to Predict Streamflow Characteristics in Ungauged Catchments and under Climate Change. Water (Switzerland), 2018, 10, 1319.	2.7	13
15	Change-signal impacts in downscaled data and its influence on hydroclimate projections. Journal of Hydrology, 2018, 564, 12-25.	5.4	12
16	Water balance variability at the interstorm timescale. Water Resources Research, 2007, 43, .	4.2	9
17	Probabilistic modelling of soil moisture dynamics of irrigated cropland in the North China Plain. Hydrological Sciences Journal, 2011, 56, 123-137.	2.6	8
18	Long-Term Quantification of Stream-Aquifer Exchange in a Variably-Saturated Heterogeneous Environment. Water Resources Management, 2017, 31, 4353-4366.	3.9	7

#	Article	IF	Citations
19	Conceptual Model Modification and the Millennium Drought of Southeastern Australia. Water (Switzerland), 2021, 13, 669.	2.7	4
20	Hillslopeâ€scale probabilistic characterization of soil moisture dynamics and average water balance. Hydrological Processes, 2013, 27, 1464-1474.	2.6	3
21	Projections of water futures for Australia: an update. , 0, , .		3