Clara Draper

List of Publications by Year in Descending Order

20 papers	4,720 citations	17 h-index	20 g-index
20 ext. papers	5,850 ext. citations	5.8 avg, IF	5.05 L-index

#	Paper	IF	Citations
20	Benefits and Pitfalls of GRACE Data Assimilation: a Case Study of Terrestrial Water Storage Depletion in India. *Geophysical Research Letters*, **2017**, 44, 4107-4115	4.9	66
19	The Modern-Era Retrospective Analysis for Research and Applications, Version 2 (MERRA-2). *Journal of Climate*, **2017**, Volume 30, 5419-5454	4.4	2815
18	Assessment of MERRA-2 Land Surface Hydrology Estimates. *Journal of Climate*, **2017**, 30, 2937-2960	4.4	159
17	Land Surface Precipitation in MERRA-2. *Journal of Climate*, **2017**, 30, 1643-1664	4.4	195
16	A Dynamic Approach to Addressing Observation-Minus-Forecast Bias in a Land Surface Skin Temperature Data Assimilation System. *Journal of Hydrometeorology*, **2015**, 16, 449-464	3.7	15
15	The impact of near-surface soil moisture assimilation at subseasonal, seasonal, and inter-annual timescales. *Hydrology and Earth System Sciences*, **2015**, 19, 4831-4844	5.5	20
14	Evaluating the utility of satellite soil moisture retrievals over irrigated areas and the ability of land data assimilation methods to correct for unmodeled processes. *Hydrology and Earth System Sciences*, **2015**, 19, 4463-4478	5.5	97
13	Clarifications on the "Comparison Between SMOS, VUA, ASCAT, and ECMWF Soil Moisture Products Over Four Watersheds in U.S." *IEEE Transactions on Geoscience and Remote Sensing*, **2014**, 52, 1901-1906	8.1	35
12	Connecting Satellite Observations with Water Cycle Variables Through Land Data Assimilation: Examples Using the NASA GEOS-5 LDAS. *Surveys in Geophysics*, **2014**, 35, 577-606	7.6	49
11	Comparison of land skin temperature from a land model, remote sensing, and in situ measurement. *Journal of Geophysical Research D: Atmospheres*, **2014**, 119, 3093-3106	4.4	31
10	Estimating root mean square errors in remotely sensed soil moisture over continental scale domains. *Remote Sensing of Environment*, **2013**, 137, 288-298	13.2	126
9	State of the Art in Large-Scale Soil Moisture Monitoring. *Soil Science Society of America Journal*, **2013**, 77, 1888-1919	2.5	268
8	Assimilation of passive and active microwave soil moisture retrievals. *Geophysical Research Letters*, **2012**, 39, n/a-n/a	4.9	179
7	Root zone soil moisture from the assimilation of screen-level variables and remotely sensed soil moisture. *Journal of Geophysical Research*, **2011**, 116,		41
6	Assimilation of ASCAT near-surface soil moisture into the SIM hydrological model over France. *Hydrology and Earth System Sciences*, **2011**, 15, 3829-3841	5.5	105
5	An evaluation of AMSR-E derived soil moisture over Australia. *Remote Sensing of Environment*, **2009**, 113, 703-710	13.2	318
4	A comparison of two off-line soil analysis schemes for assimilation of screen level observations. *Journal of Geophysical Research*, **2009**, 114,		82

3	An EKF assimilation of AMSR-E soil moisture into the ISBA land surface scheme. *Journal of Geophysical Research*, **2009**, 114,		95
2	The Atmospheric Water Balance over the Semiarid Murray–Darling River Basin. *Journal of Hydrometeorology*, **2008**, 9, 521-534	3.7	14
1	A multiplicative broken-line model for time series of mean areal rainfall. *Water Resources Research*, **2000**, 36, 2395-2399	5.4	10