

Clara Draper

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Modern-Era Retrospective Analysis for Research and Applications, Version 2 (MERRA-2). <i>Journal of Climate</i> , 2017 , Volume 30, 5419-5454	4.4	2815
19	An evaluation of AMSR-E derived soil moisture over Australia. <i>Remote Sensing of Environment</i> , 2009 , 113, 703-710	13.2	318
18	State of the Art in Large-Scale Soil Moisture Monitoring. <i>Soil Science Society of America Journal</i> , 2013 , 77, 1888-1919	2.5	268
17	Land Surface Precipitation in MERRA-2. <i>Journal of Climate</i> , 2017 , 30, 1643-1664	4.4	195
16	Assimilation of passive and active microwave soil moisture retrievals. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	179
15	Assessment of MERRA-2 Land Surface Hydrology Estimates. <i>Journal of Climate</i> , 2017 , 30, 2937-2960	4.4	159
14	Estimating root mean square errors in remotely sensed soil moisture over continental scale domains. <i>Remote Sensing of Environment</i> , 2013 , 137, 288-298	13.2	126
13	Assimilation of ASCAT near-surface soil moisture into the SIM hydrological model over France. <i>Hydrology and Earth System Sciences</i> , 2011 , 15, 3829-3841	5.5	105
12	Evaluating the utility of satellite soil moisture retrievals over irrigated areas and the ability of land data assimilation methods to correct for unmodeled processes. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 4463-4478	5.5	97
11	An EKF assimilation of AMSR-E soil moisture into the ISBA land surface scheme. <i>Journal of Geophysical Research</i> , 2009 , 114,		95
10	A comparison of two off-line soil analysis schemes for assimilation of screen level observations. <i>Journal of Geophysical Research</i> , 2009 , 114,		82
9	Benefits and Pitfalls of GRACE Data Assimilation: a Case Study of Terrestrial Water Storage Depletion in India. <i>Geophysical Research Letters</i> , 2017 , 44, 4107-4115	4.9	66
8	Connecting Satellite Observations with Water Cycle Variables Through Land Data Assimilation: Examples Using the NASA GEOS-5 LDAS. <i>Surveys in Geophysics</i> , 2014 , 35, 577-606	7.6	49
7	Root zone soil moisture from the assimilation of screen-level variables and remotely sensed soil moisture. <i>Journal of Geophysical Research</i> , 2011 , 116,		41
6	Clarifications on the Comparison Between SMOS, VUA, ASCAT, and ECMWF Soil Moisture Products Over Four Watersheds in U.S. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 1901-1906	8.1	35
5	Comparison of land skin temperature from a land model, remote sensing, and in situ measurement. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 3093-3106	4.4	31
4	The impact of near-surface soil moisture assimilation at subseasonal, seasonal, and inter-annual timescales. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 4831-4844	5.5	20

3	A Dynamic Approach to Addressing Observation-Minus-Forecast Bias in a Land Surface Skin Temperature Data Assimilation System. <i>Journal of Hydrometeorology</i> , 2015 , 16, 449-464	3.7	15
2	The Atmospheric Water Balance over the Semiarid MurrayDarling River Basin. <i>Journal of Hydrometeorology</i> , 2008 , 9, 521-534	3.7	14
1	A multiplicative broken-line model for time series of mean areal rainfall. <i>Water Resources Research</i> , 2000 , 36, 2395-2399	5.4	10