

Darren L Jackson

List of Publications by Year in descending order

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33
papers

1,795
citations

304743

22
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1841
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasts of Opportunity for Northern California Soil Moisture. <i>Land</i> , 2021, 10, 713.	2.9	1
2	An Improved Near-Surface Specific Humidity and Air Temperature Climatology for the SSM/I Satellite Period. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015, 32, 412-433.	1.3	17
3	Propagation of uncertainty analysis of CO ₂ transfer velocities derived from the COARE gas transfer model using satellite inputs. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1828-1842.	2.6	3
4	Satellite-Based Reconstruction of the Tropical Oceanic Clear-Sky Outgoing Longwave Radiation and Comparison with Climate Models. <i>Journal of Climate</i> , 2014, 27, 941-957.	3.2	4
5	Measurement of turbulent water vapor fluxes using a lightweight unmanned aerial vehicle system. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 243-257.	3.1	40
6	A comparison of satellite-derived carbon dioxide transfer velocities from a physically based model with GasEx cruise observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	8
7	Ocean Winds and Turbulent Air-Sea Fluxes Inferred From Remote Sensing. <i>Oceanography</i> , 2010, 23, 36-51.	1.0	31
8	Predicting near-surface atmospheric variables from Special Sensor Microwave/Imager using neural networks with a first-guess approach. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	61
9	Near-Surface Air Temperature Retrieval Derived from AMSU-A and Sea Surface Temperature Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 1769-1776.	1.3	29
10	Improved multisensor approach to satellite-retrieved near-surface specific humidity observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	36
11	Error characterization of infrared and microwave satellite sea surface temperature products for merging and analysis. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	41
12	An upper tropospheric humidity data set from operational satellite microwave data. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	50
13	Detection and Correction of Diurnal Sampling Bias in HIRS/2 Brightness Temperatures. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007, 24, 1425-1438.	1.3	22
14	Near-surface retrieval of air temperature and specific humidity using multisensor microwave satellite observations. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	50
15	Spatial scales of tropical precipitation inferred from TRMM microwave imager data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2005, 43, 1542-1551.	6.3	22
16	Trends in Global Cloud Cover in Two Decades of HIRS Observations. <i>Journal of Climate</i> , 2005, 18, 3021-3031.	3.2	277
17	The Radiative Signature of Upper Tropospheric Moistening. <i>Science</i> , 2005, 310, 841-844.	12.6	259
18	Interannual co-variability of tropical temperature and humidity: A comparison of model, reanalysis data and satellite observation. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	13

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19	Variability of tropical upper tropospheric humidity 1979-1998. <i>Journal of Geophysical Research</i> , 2001, 106, 32271-32281.	3.3	41
20	Upper tropospheric humidity algorithm assessment. <i>Journal of Geophysical Research</i> , 2001, 106, 32259-32270.	3.3	31
21	Trends in upper-tropospheric humidity. <i>Geophysical Research Letters</i> , 2001, 28, 1695-1698.	4.0	78
22	Radiance and Jacobian intercomparison of radiative transfer models applied to HIRS and AMSU channels. <i>Journal of Geophysical Research</i> , 2001, 106, 24017-24031.	3.3	104
23	An Intercomparison of Radiation Codes for Retrieving Upper-Tropospheric Humidity in the 6.3-mm Band: A Report from the First CVaP Workshop. <i>Bulletin of the American Meteorological Society</i> , 2000, 81, 797-808.	3.3	43
24	Calibration of the Meteosat water vapor channel using collocated NOAA/HIRS 12 measurements. <i>Journal of Geophysical Research</i> , 2000, 105, 11925-11933.	3.3	23
25	Evidence of Atmospheric Contamination on the Measurement of the Spectral Response of the GMS-5 Water Vapor Channel. <i>Journal of Atmospheric and Oceanic Technology</i> , 1999, 16, 1851-1853.	1.3	8
26	Analysis of Upper-Tropospheric Water Vapor Brightness Temperatures from SSM/T2, HIRS, and GMS-5 VISSR. <i>Journal of Applied Meteorology and Climatology</i> , 1999, 38, 580-595.	1.7	12
27	A comparison of water vapor observations with AMIPI simulations. <i>Journal of Geophysical Research</i> , 1997, 102, 21837-21852.	3.3	21
28	Interannual Variability of Upper-Troposphere Water Vapor Band Brightness Temperature. <i>Journal of Climate</i> , 1996, 9, 427-438.	3.2	94
29	Global Observations of Upper-Tropospheric Water Vapor Derived from TOVS Radiance Data. <i>Journal of Climate</i> , 1996, 9, 305-326.	3.2	49
30	A Study of SSM/I-Derived Columnar Water Vapor over the Global Oceans. <i>Journal of Climate</i> , 1995, 8, 2025-2038.	3.2	51
31	A comparison of SSM/I and TOVS column water vapor data over the global oceans. <i>Meteorology and Atmospheric Physics</i> , 1994, 54, 183-201.	2.0	25
32	A physical retrieval of cloud liquid water over the global oceans using special sensor microwave/imager (SSM/I) observations. <i>Journal of Geophysical Research</i> , 1993, 98, 18471-18488.	3.3	218
33	Spaceborne observation of columnar water vapor: SSM/I observations and algorithm. <i>Journal of Geophysical Research</i> , 1991, 96, 10941-10954.	3.3	33