

John R Lanzante

List of Publications by Year in descending order

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54
papers

5,330
citations

186265

28
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

5002
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation of summer sea surface temperature anomalies in the eastern North Pacific Ocean. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 35, 256.	1.7	4
2	Evaluation of some distributional downscaling methods as applied to daily precipitation with an eye towards extremes. International Journal of Climatology, 2021, 41, 3186-3202.	3.5	4
3	Testing for differences between two distributions in the presence of serial correlation using the <scp>Kolmogorov–Smirnov</scp> and Kuiper’s tests. International Journal of Climatology, 2021, 41, 6314-6323.	3.5	10
4	Evaluation of some distributional downscaling methods as applied to daily maximum temperature with emphasis on extremes. International Journal of Climatology, 2020, 40, 1571-1585.	3.5	18
5	Uncertainties in tropical-cyclone translation speed. Nature, 2019, 570, E6-E15.	27.8	60
6	Evaluation and improvement of tail behaviour in the cumulative distribution function transform downscaling method. International Journal of Climatology, 2019, 39, 2449-2460.	3.5	16
7	Some Pitfalls in Statistical Downscaling of Future Climate. Bulletin of the American Meteorological Society, 2018, 99, 791-803.	3.3	84
8	Evaluating the stationarity assumption in statistically downscaled climate projections: is past performance an indicator of future results?. Climatic Change, 2016, 135, 395-408.	3.6	119
9	Identifying human influences on atmospheric temperature. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 26-33.	7.1	117
10	Future Changes in Northern Hemisphere Snowfall. Journal of Climate, 2013, 26, 7813-7828.	3.2	173
11	The relation between atmospheric humidity and temperature trends for stratospheric water. Journal of Geophysical Research D: Atmospheres, 2013, 118, 1052-1074.	3.3	62
12	Separating signal and noise in atmospheric temperature changes: The importance of timescale. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	149
13	Stratospheric temperature trends: our evolving understanding. Wiley Interdisciplinary Reviews: Climate Change, 2011, 2, 592-616.	8.1	67
14	Tropospheric temperature trends: history of an ongoing controversy. Wiley Interdisciplinary Reviews: Climate Change, 2011, 2, 66-88.	8.1	137
15	Effect of Volcanic Eruptions on the Vertical Temperature Profile in Radiosonde Data and Climate Models. Journal of Climate, 2009, 22, 2925-2939.	3.2	29
16	Comment on “Trends in the temperature and water vapor content of the tropical lower stratosphere: Sea surface connection” by Karen H. Rosenlof and George C. Reid. Journal of Geophysical Research, 2009, 114, .	3.3	10
17	Consistency of modelled and observed temperature trends in the tropical troposphere. International Journal of Climatology, 2008, 28, 1703-1722.	3.5	236
18	Comparison of Radiosonde and GCM Vertical Temperature Trend Profiles: Effects of Dataset Choice and Data Homogenization*. Journal of Climate, 2008, 21, 5417-5435.	3.2	19

#	ARTICLE	IF	CITATIONS
19	Diagnosis of Radiosonde Vertical Temperature Trend Profiles: Comparing the Influence of Data Homogenization versus Model Forcings. <i>Journal of Climate</i> , 2007, 20, 5356-5364.	3.2	12
20	MEETING SUMMARIES. <i>Bulletin of the American Meteorological Society</i> , 2005, 86, 403-416.	3.3	2
21	Radiosonde Daytime Biases and Late-20th Century Warming. <i>Science</i> , 2005, 309, 1556-1559.	12.6	128
22	Amplification of Surface Temperature Trends and Variability in the Tropical Atmosphere. <i>Science</i> , 2005, 309, 1551-1556.	12.6	267
23	A Cautionary Note on the Use of Error Bars. <i>Journal of Climate</i> , 2005, 18, 3699-3703.	3.2	56
24	Radiosonde Atmospheric Temperature Products for Assessing Climate (RATPAC): A new data set of large-area anomaly time series. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	141
25	Uncertainty in Signals of Large-Scale Climate Variations in Radiosonde and Satellite Upper-Air Temperature Datasets. <i>Journal of Climate</i> , 2004, 17, 2225-2240.	3.2	102
26	Using First Differences to Reduce Inhomogeneity in Radiosonde Temperature Datasets. <i>Journal of Climate</i> , 2004, 17, 4171-4179.	3.2	41
27	An assessment of three alternatives to linear trends for characterizing global atmospheric temperature changes. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	108
28	A comparison of model-simulated trends in stratospheric temperatures. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2003, 129, 1565-1588.	2.7	189
29	Temporal Homogenization of Monthly Radiosonde Temperature Data. Part II: Trends, Sensitivities, and MSU Comparison. <i>Journal of Climate</i> , 2003, 16, 241-262.	3.2	105
30	Temporal Homogenization of Monthly Radiosonde Temperature Data. Part I: Methodology. <i>Journal of Climate</i> , 2003, 16, 224-240.	3.2	141
31	Creating Climate Reference Datasets: CARDS Workshop on Adjusting Radiosonde Temperature Data for Climate Monitoring. <i>Bulletin of the American Meteorological Society</i> , 2002, 83, 891-899.	3.3	40
32	The Atmospheric Bridge: The Influence of ENSO Teleconnections on Air–Sea Interaction over the Global Oceans. <i>Journal of Climate</i> , 2002, 15, 2205-2231.	3.2	1,505
33	Observed and Simulated Temperature–Humidity Relationships: Sensitivity to Sampling and Analysis. <i>Journal of Climate</i> , 2002, 15, 203-215.	3.2	26
34	The “Clear-Sky Bias” of TOVS Upper-Tropospheric Humidity. <i>Journal of Climate</i> , 2000, 13, 4034-4041.	3.2	28
35	Sensitivity of Tropospheric and Stratospheric Temperature Trends to Radiosonde Data Quality. <i>Journal of Climate</i> , 2000, 13, 1776-1796.	3.2	125
36	The Hadley circulation: assessing NCEP/NCAR reanalysis and sparse in-situ estimates. <i>Climate Dynamics</i> , 1999, 15, 719-735.	3.8	77

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37	Global mean surface air temperature and North Atlantic overturning in a suite of coupled GCM climate change experiments. <i>Geophysical Research Letters</i> , 1999, 26, 1885-1888.	4.0	29
38	Lag Relationships Involving Tropical Sea Surface Temperatures. <i>Journal of Climate</i> , 1996, 9, 2568-2578.	3.2	71
39	RESISTANT, ROBUST AND NON-PARAMETRIC TECHNIQUES FOR THE ANALYSIS OF CLIMATE DATA: THEORY AND EXAMPLES, INCLUDING APPLICATIONS TO HISTORICAL RADIOSONDE STATION DATA. <i>International Journal of Climatology</i> , 1996, 16, 1197-1226.	3.5	517
40	An Assessment of Satellite and Radiosonde Climatologies of Upper-Tropospheric Water Vapor. <i>Journal of Climate</i> , 1996, 9, 1235-1250.	3.2	168
41	RESISTANT, ROBUST AND NON-PARAMETRIC TECHNIQUES FOR THE ANALYSIS OF CLIMATE DATA: THEORY AND EXAMPLES, INCLUDING APPLICATIONS TO HISTORICAL RADIOSONDE STATION DATA. , 1996, 16, 1197.		3
42	The Leading Modes of 10–30 Day Variability in the Extratropics of the Northern Hemisphere during the Cold Season. <i>Journals of the Atmospheric Sciences</i> , 1990, 47, 2115-2140.	1.7	16
43	Seasonal Temperature Predictions Using a Jackknife Approach with an Intraseasonal Variability Index. <i>Monthly Weather Review</i> , 1986, 114, 1950-1954.	1.4	7
44	Further Studies of Singularities Associated with the Semiannual Cycle of 700 mb Heights. <i>Monthly Weather Review</i> , 1985, 113, 1372-1378.	1.4	3
45	Specification of United States Seasonal Precipitation. <i>Monthly Weather Review</i> , 1985, 113, 319-325.	1.4	10
46	Strategies for Assessing Skill and Significance of Screening Regression Models with Emphasis on Monte Carlo Techniques. <i>Journal of Climate and Applied Meteorology</i> , 1984, 23, 1454-1458.	1.0	7
47	Specification of Seasonal-Mean 700 mb Heights over North America by North Pacific and North Atlantic Sea Surface Temperatures. <i>Monthly Weather Review</i> , 1984, 112, 1626-1633.	1.4	5
48	A Rotated Eigenanalysis of the Correlation between 700 mb Heights and Sea Surface Temperatures in the Pacific and Atlantic'. <i>Monthly Weather Review</i> , 1984, 112, 2270-2280.	1.4	47
49	Some Singularities and Irregularities in the Seasonal Progression of the 700 mb Height Field. <i>Journal of Climate and Applied Meteorology</i> , 1983, 22, 967-981.	1.0	15
50	A Further Assessment of the Association between Sea Surface Temperature Gradient and the Overlying Mid-Tropospheric Circulation. <i>Journal of Physical Oceanography</i> , 1983, 13, 1971-1974.	1.7	4
51	The January Thaw at New Brunswick, NJ. <i>Monthly Weather Review</i> , 1982, 110, 792-799.	1.4	2
52	Specification of United States Summer Season Precipitation. <i>Monthly Weather Review</i> , 1982, 110, 1843-1850.	1.4	19
53	Associations among the tropical pacific wind and sea surface temperature fields and higher latitude circulation. <i>Journal of Climatology</i> , 1982, 2, 267-290.	0.7	0
54	Comments on ‘Cross-Spectral Analysis of Sunspots and Monthly Mean Temperature and Precipitation for the Contiguous United States. <i>Journals of the Atmospheric Sciences</i> , 1980, 37, 1138-1138.	1.7	0