

# Bruce T Anderson

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/960129/bruce-t-anderson-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

65  
papers

2,292  
citations

22  
h-index

47  
g-index

67  
ext. papers

2,482  
ext. citations

4.7  
avg, IF

4.91  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 65 | Revisiting the Recharge and Discharge Processes for Different Flavors of El Niño. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2020JC017075  | 3.3  | 0         |
| 64 | Transition Between Forced and Oscillatory ENSO Behavior Over the Last Century. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2020JD034116  | 4.4  | 0         |
| 63 | Ocean dynamics are key to extratropical forcing of El Niño. <i>Journal of Climate</i> , <b>2021</b> , 1-34   | 4.4  | 1         |
| 62 | Testing the Trade Wind Charging Mechanism and Its Influence on ENSO Variability. <i>Journal of Climate</i> , <b>2020</b> , 33, 7391-7411   | 4.4  | 9         |
| 61 | Empirical Evidence Linking the Pacific Decadal Precession to Kuroshio Extension Variability. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 12845-12863  | 4.4  | 4         |
| 60 | Emergent Behavior of Arctic Precipitation in Response to Enhanced Arctic Warming. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 2704-2717   | 4.4  | 6         |
| 59 | Tracking the Pacific Decadal Precession. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 3214-3227  | 4.2  | 4         |
| 58 | Persistent anomalies of the extratropical Northern Hemisphere wintertime circulation as an initiator of El Niño/Southern Oscillation events. <i>Scientific Reports</i> , <b>2017</b> , 7, 10145                                | 4.9  | 6         |
| 57 | Characterizing CMIP5 model spread in simulated rainfall in the Pacific Intertropical Convergence and South Pacific Convergence Zones. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 11,590-11,597 | 4.4  | 8         |
| 56 | Dominant Time Scales of Potentially Predictable Precipitation Variations across the Continental United States. <i>Journal of Climate</i> , <b>2016</b> , 29, 8881-8897   | 4.4  | 6         |
| 55 | A decadal precession of atmospheric pressures over the North Pacific. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 3921-3927  | 4.9  | 13        |
| 54 | ENSO and non-ENSO induced charging and discharging of the equatorial Pacific. <i>Climate Dynamics</i> , <b>2015</b> , 45, 2309-2327  | 4.2  | 36        |
| 53 | Detectability of historical trends in station-based precipitation characteristics over the continental United States. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2015</b> , 120, 4842-4859                     | 4.4  | 16        |
| 52 | Sensitivity of terrestrial precipitation trends to the structural evolution of sea surface temperatures. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 1190-1196   | 4.9  | 12        |
| 51 | Patterns of Precipitation Change and Climatological Uncertainty among CMIP5 Models, with a Focus on the Midlatitude Pacific Storm Track*. <i>Journal of Climate</i> , <b>2015</b> , 28, 7857-7872                              | 4.4  | 27        |
| 50 | Uncertainties in the timing of unprecedented climates. <i>Nature</i> , <b>2014</b> , 511, E3-5   | 50.4 | 54        |
| 49 | The Potential Predictability of Precipitation Occurrence, Intensity, and Seasonal Totals over the Continental United States*. <i>Journal of Climate</i> , <b>2014</b> , 27, 6904-6918  | 4.4  | 11        |

|    |   |     |    |
|----|---|-----|----|
| 48 | Shifting seasonality and increasing frequency of precipitation in wet and dry seasons across the U.S.. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 4030-4035  | 4.9 | 35 |
| 47 | What Do Rain Gauges Tell Us about the Limits of Precipitation Predictability?*. <i>Journal of Climate</i> , <b>2013</b> , 26, 5682-5688   | 4.4 | 11 |
| 46 | Triggering of El Niño onset through trade wind-induced charging of the equatorial Pacific. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 1212-1216  | 4.9 | 72 |
| 45 | Extratropical forcing of El Niño-Southern Oscillation asymmetry. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 4916-4921  | 4.9 | 13 |
| 44 | Linkages between the North Pacific Oscillation and central tropical Pacific SSTs at low frequencies. <i>Climate Dynamics</i> , <b>2012</b> , 39, 2833-2846  | 4.2 | 67 |
| 43 | Intensification of seasonal extremes given a 2°C global warming target. <i>Climatic Change</i> , <b>2012</b> , 112, 325-337   | 4.3 | 26 |
| 42 | Testing for the Possible Influence of Unknown Climate Forcings upon Global Temperature Increases from 1950 to 2000. <i>Journal of Climate</i> , <b>2012</b> , 25, 7163-7172   | 4.4 | 6  |
| 41 | Near-term increase in frequency of seasonal temperature extremes prior to the 2°C global warming target. <i>Climatic Change</i> , <b>2011</b> , 108, 581-589  | 4.5 | 25 |
| 40 | Monitoring crop yield in USA using a satellite-based climate-variability Impact Index <b>2010</b> ,   |     | 9  |
| 39 | Observed Trends in Summertime Precipitation over the Southwestern United States. <i>Journal of Climate</i> , <b>2010</b> , 23, 1937-1944  | 4.4 | 26 |
| 38 | Climate forcings and climate sensitivities diagnosed from atmospheric global circulation models. <i>Climate Dynamics</i> , <b>2010</b> , 35, 1461-1475  | 4.2 | 10 |
| 37 | Anthropogenic-induced changes in twenty-first century summertime hydroclimatology of the Northeastern US. <i>Climatic Change</i> , <b>2010</b> , 99, 403-423  | 4.5 | 16 |
| 36 | Physical Climate Response to a Reduction of Anthropogenic Climate Forcing. <i>Earth Interactions</i> , <b>2010</b> , 14, 1-11   | 1.5 | 15 |
| 35 | Estimating the Influence of Evaporation and Moisture-Flux Convergence upon Seasonal Precipitation Rates. Part II: An Analysis for North America Based upon the NCEP/DOE Reanalysis II Model. <i>Journal of Hydrometeorology</i> , <b>2009</b> , 10, 893-911 | 3.7 | 13 |
| 34 | Identification of Nonlinear Behavior in Transient Climate Change Projections of Soil Moisture over the United States. <i>Earth Interactions</i> , <b>2009</b> , 13, 1-13  | 1.5 |    |
| 33 | Consistency in Global Climate Change Model Predictions of Regional Precipitation Trends. <i>Earth Interactions</i> , <b>2009</b> , 13, 1-23   | 1.5 | 2  |
| 32 | Influence of Daily Rainfall Characteristics on Regional Summertime Precipitation over the Southwestern United States. <i>Journal of Hydrometeorology</i> , <b>2009</b> , 10, 1218-1230  | 3.7 | 4  |
| 31 | Impact of midlatitude stationary waves on regional Hadley cells and ENSO. <i>Geophysical Research Letters</i> , <b>2009</b> , 36,   | 4.9 | 13 |

|    |   |     |     |
|----|---|-----|-----|
| 30 | A New Metric for Estimating the Influence of Evaporation on Seasonal Precipitation Rates. <i>Journal of Hydrometeorology</i> , <b>2008</b> , 9, 576-588   | 3.7 | 12  |
| 29 | Regional climate change projections for the Northeast USA. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2008</b> , 13, 425-436  | 3.9 | 184 |
| 28 | Past and future changes in climate and hydrological indicators in the US Northeast. <i>Climate Dynamics</i> , <b>2007</b> , 28, 381-407   | 4.2 | 597 |
| 27 | Intraseasonal Atmospheric Variability in the Extratropics and Its Relation to the Onset of Tropical Pacific Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , <b>2007</b> , 20, 926-936                | 4.4 | 13  |
| 26 | Stochastic Modeling of Daily Summertime Rainfall over the Southwestern United States. Part II: Intraseasonal Variability. <i>Journal of Hydrometeorology</i> , <b>2007</b> , 8, 938-951                             | 3.7 | 6   |
| 25 | On the Joint Role of Subtropical Atmospheric Variability and Equatorial Subsurface Heat Content Anomalies in Initiating the Onset of ENSO Events. <i>Journal of Climate</i> , <b>2007</b> , 20, 1593-1599           | 4.4 | 45  |
| 24 | Intraseasonal Interactions between Temperature and Vegetation over the Boreal Forests. <i>Earth Interactions</i> , <b>2007</b> , 11, 1-30   | 1.5 | 9   |
| 23 | Feedbacks of Vegetation on Summertime Climate Variability over the North American Grasslands. Part II: A Coupled Stochastic Model. <i>Earth Interactions</i> , <b>2006</b> , 10, 1-30                               | 1.5 | 4   |
| 22 | Examination of the BouchetMorton Complementary Relationship Using a Mesoscale Climate Model and Observations under a Progressive Irrigation Scenario. <i>Journal of Hydrometeorology</i> , <b>2006</b> , 7, 235-251 | 3.7 | 43  |
| 21 | Monitoring 2005 corn belt yields from space. <i>Eos</i> , <b>2006</b> , 87, 150   | 1.5 | 4   |
| 20 | Interannual Tropical Pacific Sea Surface Temperatures and Their Relation to Preceding Sea Level Pressures in the NCAR CCSM2. <i>Journal of Climate</i> , <b>2006</b> , 19, 998-1012                                 | 4.4 | 22  |
| 19 | Variations in the Summertime Atmospheric Hydrologic Cycle Associated with Seasonal Precipitation Anomalies over the Southwestern United States. <i>Journal of Hydrometeorology</i> , <b>2006</b> , 7, 788-807       | 3.7 | 5   |
| 18 | Stochastic Modeling of Daily Summertime Rainfall over the Southwestern United States. Part I: Interannual Variability. <i>Journal of Hydrometeorology</i> , <b>2006</b> , 7, 739-754                                | 3.7 | 11  |
| 17 | Feedbacks of Vegetation on Summertime Climate Variability over the North American Grasslands. Part I: Statistical Analysis. <i>Earth Interactions</i> , <b>2006</b> , 10, 1-27                                      | 1.5 | 17  |
| 16 | Potential monitoring of crop production using a satellite-based Climate-Variability Impact Index. <i>Agricultural and Forest Meteorology</i> , <b>2005</b> , 132, 344-358   | 5.8 | 40  |
| 15 | Response of terrestrial ecosystems to recent Northern Hemispheric drought. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,  | 4.9 | 93  |
| 14 | The Diurnal Cycle of the Summertime Atmospheric Hydrologic Cycle over the Southwestern United States. <i>Journal of Hydrometeorology</i> , <b>2005</b> , 6, 219-228   | 3.7 | 11  |
| 13 | The Water Cycle across Scales. <i>Bulletin of the American Meteorological Society</i> , <b>2005</b> , 86, 1743-1746   | 6.1 | 1   |

|    |   |     |     |
|----|---|-----|-----|
| 12 | Climate-related vegetation characteristics derived from Moderate Resolution Imaging Spectroradiometer (MODIS) leaf area index and normalized difference vegetation index. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109, |     | 31  |
| 11 | Investigation of a Large-Scale Mode of Ocean-Atmosphere Variability and Its Relation to Tropical Pacific Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , <b>2004</b> , 17, 4089-4098                                   | 4.4 | 81  |
| 10 | The Summertime Atmospheric Hydrologic Cycle over the Southwestern United States. <i>Journal of Hydrometeorology</i> , <b>2004</b> , 5, 679-692  | 3.7 | 20  |
| 9  | The Relation between the North Atlantic Oscillation and SSTs in the North Atlantic Basin. <i>Journal of Climate</i> , <b>2004</b> , 17, 4752-4759   | 4.4 | 73  |
| 8  | Interannual covariability in Northern Hemisphere air temperatures and greenness associated with El Niño-Southern Oscillation and the Arctic Oscillation. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, n/a-n/a          |     | 105 |
| 7  | Coupled vegetation-precipitation variability observed from satellite and climate records. <i>Geophysical Research Letters</i> , <b>2003</b> , 30,   | 4.9 | 137 |
| 6  | Tropical Pacific sea-surface temperatures and preceding sea level pressure anomalies in the subtropical North Pacific. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,  |     | 81  |
| 5  | Regional Simulation of Intraseasonal Variations in the Summertime Hydrologic Cycle over the Southwestern United States. <i>Journal of Climate</i> , <b>2002</b> , 15, 2282-2300   | 4.4 | 8   |
| 4  | Regional Simulation of Summertime Precipitation over the Southwestern United States. <i>Journal of Climate</i> , <b>2002</b> , 15, 3321-3342  | 4.4 | 20  |
| 3  | Model dynamics of summertime low-level jets over northwestern Mexico. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 3401-3413   |     | 29  |
| 2  | Summertime moisture divergence over the southwestern US and northwestern Mexico. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 1973-1976  | 4.9 | 14  |
| 1  | The pacific decadal precession and its relationship to tropical pacific decadal variability in CMIP6 models. <i>Climate Dynamics</i> , 1  | 4.2 |     |