

# Bruce T Anderson

## List of Publications by Year in descending order

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66  
papers

2,866  
citations

257450

24  
h-index

175258

52  
g-index

67  
all docs

67  
docs citations

67  
times ranked

3906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Web-Based Data to Quantify Meteorological and Geographical Effects on Heat Stroke: Case Study in China. <i>GeoHealth</i> , 2022, 6, .	4.0	3
2	Transition Between Forced and Oscillatory ENSO Behavior Over the Last Century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034116.	3.3	2
3	Ocean Dynamics are Key to Extratropical Forcing of El Niño. <i>Journal of Climate</i> , 2021, 34, 8739-8753.	3.2	5
4	Revisiting the Recharge and Discharge Processes for Different Flavors of El Niño. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017075.	2.6	1
5	Testing the Trade Wind Charging Mechanism and Its Influence on ENSO Variability. <i>Journal of Climate</i> , 2020, 33, 7391-7411.	3.2	25
6	Empirical Evidence Linking the Pacific Decadal Precession to Kuroshio Extension Variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12845-12863.	3.3	10
7	Emergent Behavior of Arctic Precipitation in Response to Enhanced Arctic Warming. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2704-2717.	3.3	11
8	Tracking the Pacific Decadal Precession. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3214-3227.	3.3	7
9	Persistent anomalies of the extratropical Northern Hemisphere wintertime circulation as an initiator of El Niño/Southern Oscillation events. <i>Scientific Reports</i> , 2017, 7, 10145.	3.3	6
10	Dominant Time Scales of Potentially Predictable Precipitation Variations across the Continental United States. <i>Journal of Climate</i> , 2016, 29, 8881-8897.	3.2	10
11	A decadal precession of atmospheric pressures over the North Pacific. <i>Geophysical Research Letters</i> , 2016, 43, 3921-3927.	4.0	23
12	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> , 2016, 121, 11590-11607.	3.3	11
13	Detectability of historical trends in station-based precipitation characteristics over the continental United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4842-4859.	3.3	20
14	Sensitivity of terrestrial precipitation trends to the structural evolution of sea surface temperatures. <i>Geophysical Research Letters</i> , 2015, 42, 1190-1196.	4.0	15
15	Patterns of Precipitation Change and Climatological Uncertainty among CMIP5 Models, with a Focus on the Midlatitude Pacific Storm Track*. <i>Journal of Climate</i> , 2015, 28, 7857-7872.	3.2	37
16	ENSO and non-ENSO induced charging and discharging of the equatorial Pacific. <i>Climate Dynamics</i> , 2015, 45, 2309-2327.	3.8	53
17	The Potential Predictability of Precipitation Occurrence, Intensity, and Seasonal Totals over the Continental United States*. <i>Journal of Climate</i> , 2014, 27, 6904-6918.	3.2	11
18	Uncertainties in the timing of unprecedented climates. <i>Nature</i> , 2014, 511, E3-E5.	27.8	63

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19	Shifting seasonality and increasing frequency of precipitation in wet and dry seasons across the U.S.. Geophysical Research Letters, 2013, 40, 4030-4035.	4.0	41
20	What Do Rain Gauges Tell Us about the Limits of Precipitation Predictability?*. Journal of Climate, 2013, 26, 5682-5688.	3.2	11
21	Triggering of El Niño onset through trade wind-induced charging of the equatorial Pacific. Geophysical Research Letters, 2013, 40, 1212-1216.	4.0	112
22	Extratropical forcing of El Niño Southern Oscillation asymmetry. Geophysical Research Letters, 2013, 40, 4916-4921.	4.0	16
23	Testing for the Possible Influence of Unknown Climate Forcings upon Global Temperature Increases from 1950 to 2000. Journal of Climate, 2012, 25, 7163-7172.	3.2	6
24	Linkages between the North Pacific Oscillation and central tropical Pacific SSTs at low frequencies. Climate Dynamics, 2012, 39, 2833-2846.	3.8	91
25	Intensification of seasonal extremes given a 2°C global warming target. Climatic Change, 2012, 112, 325-337.	3.6	30
26	Near-term increase in frequency of seasonal temperature extremes prior to the 2°C global warming target. Climatic Change, 2011, 108, 581-589.	3.6	28
27	Climate forcings and climate sensitivities diagnosed from atmospheric global circulation models. Climate Dynamics, 2010, 35, 1461-1475.	3.8	12
28	Anthropogenic-induced changes in twenty-first century summertime hydroclimatology of the Northeastern US. Climatic Change, 2010, 99, 403-423.	3.6	19
29	Monitoring crop yield in USA using a satellite-based climate-variability Impact Index. , 2010, , .		10
30	Observed Trends in Summertime Precipitation over the Southwestern United States. Journal of Climate, 2010, 23, 1937-1944.	3.2	27
31	Physical Climate Response to a Reduction of Anthropogenic Climate Forcing. Earth Interactions, 2010, 14, 1-11.	1.5	118
32	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. Journal of Hydrometeorology, 2009, 10, 893-911.	1.9	15
33	Identification of Nonlinear Behavior in Transient Climate Change Projections of Soil Moisture over the United States. Earth Interactions, 2009, 13, 1-13.	1.5	0
34	Consistency in Global Climate Change Model Predictions of Regional Precipitation Trends. Earth Interactions, 2009, 13, 1-23.	1.5	2
35	Influence of Daily Rainfall Characteristics on Regional Summertime Precipitation over the Southwestern United States. Journal of Hydrometeorology, 2009, 10, 1218-1230.	1.9	5
36	Impact of midlatitude stationary waves on regional Hadley cells and ENSO. Geophysical Research Letters, 2009, 36, .	4.0	13

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37	Regional climate change projections for the Northeast USA. Mitigation and Adaptation Strategies for Global Change, 2008, 13, 425-436.	2.1	219
38	A New Metric for Estimating the Influence of Evaporation on Seasonal Precipitation Rates. Journal of Hydrometeorology, 2008, 9, 576-588.	1.9	15
39	Intraseasonal Atmospheric Variability in the Extratropics and Its Relation to the Onset of Tropical Pacific Sea Surface Temperature Anomalies. Journal of Climate, 2007, 20, 926-936.	3.2	14
40	Stochastic Modeling of Daily Summertime Rainfall over the Southwestern United States. Part II: Intraseasonal Variability. Journal of Hydrometeorology, 2007, 8, 938-951.	1.9	6
41	On the Joint Role of Subtropical Atmospheric Variability and Equatorial Subsurface Heat Content Anomalies in Initiating the Onset of ENSO Events. Journal of Climate, 2007, 20, 1593-1599.	3.2	58
42	Intraseasonal Interactions between Temperature and Vegetation over the Boreal Forests. Earth Interactions, 2007, 11, 1-30.	1.5	10
43	Past and future changes in climate and hydrological indicators in the US Northeast. Climate Dynamics, 2007, 28, 381-407.	3.8	697
44	Monitoring 2005 corn belt yields from space. Eos, 2006, 87, 150.	0.1	4
45	Interannual Tropical Pacific Sea Surface Temperatures and Their Relation to Preceding Sea Level Pressures in the NCAR CCSM2. Journal of Climate, 2006, 19, 998-1012.	3.2	23
46	Variations in the Summertime Atmospheric Hydrologic Cycle Associated with Seasonal Precipitation Anomalies over the Southwestern United States. Journal of Hydrometeorology, 2006, 7, 788-807.	1.9	5
47	Stochastic Modeling of Daily Summertime Rainfall over the Southwestern United States. Part I: Interannual Variability. Journal of Hydrometeorology, 2006, 7, 739-754.	1.9	11
48	Feedbacks of Vegetation on Summertime Climate Variability over the North American Grasslands. Part I: Statistical Analysis. Earth Interactions, 2006, 10, 1-27.	1.5	26
49	Feedbacks of Vegetation on Summertime Climate Variability over the North American Grasslands. Part II: A Coupled Stochastic Model. Earth Interactions, 2006, 10, 1-30.	1.5	7
50	Examination of the Bouchet-Morton Complementary Relationship Using a Mesoscale Climate Model and Observations under a Progressive Irrigation Scenario. Journal of Hydrometeorology, 2006, 7, 235-251.	1.9	49
51	The Diurnal Cycle of the Summertime Atmospheric Hydrologic Cycle over the Southwestern United States. Journal of Hydrometeorology, 2005, 6, 219-228.	1.9	11
52	The Water Cycle across Scales. Bulletin of the American Meteorological Society, 2005, 86, 1743-1746.	3.3	1
53	Potential monitoring of crop production using a satellite-based Climate-Variability Impact Index. Agricultural and Forest Meteorology, 2005, 132, 344-358.	4.8	46
54	Response of terrestrial ecosystems to recent Northern Hemispheric drought. Geophysical Research Letters, 2005, 32, .	4.0	105

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55	Climate-related vegetation characteristics derived from Moderate Resolution Imaging Spectroradiometer (MODIS) leaf area index and normalized difference vegetation index. Journal of Geophysical Research, 2004, 109, .	3.3	36
56	Investigation of a Large-Scale Mode of Ocean-Atmosphere Variability and Its Relation to Tropical Pacific Sea Surface Temperature Anomalies. Journal of Climate, 2004, 17, 4089-4098.	3.2	92
57	The Summertime Atmospheric Hydrologic Cycle over the Southwestern United States. Journal of Hydrometeorology, 2004, 5, 679-692.	1.9	20
58	The Relation between the North Atlantic Oscillation and SSTs in the North Atlantic Basin. Journal of Climate, 2004, 17, 4752-4759.	3.2	86
59	Interannual covariability in Northern Hemisphere air temperatures and greenness associated with El Niño-Southern Oscillation and the Arctic Oscillation. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	122
60	Coupled vegetation-precipitation variability observed from satellite and climate records. Geophysical Research Letters, 2003, 30, .	4.0	158
61	Tropical Pacific sea-surface temperatures and preceding sea level pressure anomalies in the subtropical North Pacific. Journal of Geophysical Research, 2003, 108, .	3.3	93
62	Regional Simulation of Intraseasonal Variations in the Summertime Hydrologic Cycle over the Southwestern United States. Journal of Climate, 2002, 15, 2282-2300.	3.2	9
63	Regional Simulation of Summertime Precipitation over the Southwestern United States. Journal of Climate, 2002, 15, 3321-3342.	3.2	25
64	Model dynamics of summertime low-level jets over northwestern Mexico. Journal of Geophysical Research, 2001, 106, 3401-3413.	3.3	32
65	Summertime moisture divergence over the southwestern US and northwestern Mexico. Geophysical Research Letters, 2001, 28, 1973-1976.	4.0	17
66	The pacific decadal precession and its relationship to tropical pacific decadal variability in CMIP6 models. Climate Dynamics, 0, , 1.	3.8	0