

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	Past and future changes in climate and hydrological indicators in the US Northeast. <i>Climate Dynamics</i> , 2007, 28, 381-407.	3.8	697
2	Regional climate change projections for the Northeast USA. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2008, 13, 425-436.	2.1	219
3	Coupled vegetation-precipitation variability observed from satellite and climate records. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	158
4	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> , 2003, 108, n/a-n/a.	3.3	122
5	Physical Climate Response to a Reduction of Anthropogenic Climate Forcing. <i>Earth Interactions</i> , 2010, 14, 1-11.	1.5	118
6	Triggering of El Niño onset through trade wind-induced charging of the equatorial Pacific. <i>Geophysical Research Letters</i> , 2013, 40, 1212-1216.	4.0	112
7	Response of terrestrial ecosystems to recent Northern Hemispheric drought. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	105
8	Tropical Pacific sea-surface temperatures and preceding sea level pressure anomalies in the subtropical North Pacific. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	93
9	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> , 2004, 17, 4089-4098.	3.2	92
10	Linkages between the North Pacific Oscillation and central tropical Pacific SSTs at low frequencies. <i>Climate Dynamics</i> , 2012, 39, 2833-2846.	3.8	91
11	The Relation between the North Atlantic Oscillation and SSTs in the North Atlantic Basin. <i>Journal of Climate</i> , 2004, 17, 4752-4759.	3.2	86
12	Uncertainties in the timing of unprecedented climates. <i>Nature</i> , 2014, 511, E3-E5.	27.8	63
13	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> , 2007, 20, 1593-1599.	3.2	58
14	ENSO and non-ENSO induced charging and discharging of the equatorial Pacific. <i>Climate Dynamics</i> , 2015, 45, 2309-2327.	3.8	53
15	Examination of the Bouchet-Morton Complementary Relationship Using a Mesoscale Climate Model and Observations under a Progressive Irrigation Scenario. <i>Journal of Hydrometeorology</i> , 2006, 7, 235-251.	1.9	49
16	Potential monitoring of crop production using a satellite-based Climate-Variability Impact Index. <i>Agricultural and Forest Meteorology</i> , 2005, 132, 344-358.	4.8	46
17	Shifting seasonality and increasing frequency of precipitation in wet and dry seasons across the U.S.. <i>Geophysical Research Letters</i> , 2013, 40, 4030-4035.	4.0	41
18	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

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19	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> , 2004, 109, .	3.3	36
20	Model dynamics of summertime low-level jets over northwestern Mexico. <i>Journal of Geophysical Research</i> , 2001, 106, 3401-3413.	3.3	32
21	Intensification of seasonal extremes given a 2°C global warming target. <i>Climatic Change</i> , 2012, 112, 325-337.	3.6	30
22	Near-term increase in frequency of seasonal temperature extremes prior to the 2°C global warming target. <i>Climatic Change</i> , 2011, 108, 581-589.	3.6	28
23	Observed Trends in Summertime Precipitation over the Southwestern United States. <i>Journal of Climate</i> , 2010, 23, 1937-1944.	3.2	27
24	Feedbacks of Vegetation on Summertime Climate Variability over the North American Grasslands. Part I: Statistical Analysis. <i>Earth Interactions</i> , 2006, 10, 1-27.	1.5	26
25	Regional Simulation of Summertime Precipitation over the Southwestern United States. <i>Journal of Climate</i> , 2002, 15, 3321-3342.	3.2	25
26	Testing the Trade Wind Charging Mechanism and Its Influence on ENSO Variability. <i>Journal of Climate</i> , 2020, 33, 7391-7411.	3.2	25
27	Interannual Tropical Pacific Sea Surface Temperatures and Their Relation to Preceding Sea Level Pressures in the NCAR CCSM2. <i>Journal of Climate</i> , 2006, 19, 998-1012.	3.2	23
28	A decadal precession of atmospheric pressures over the North Pacific. <i>Geophysical Research Letters</i> , 2016, 43, 3921-3927.	4.0	23
29	The Summertime Atmospheric Hydrologic Cycle over the Southwestern United States. <i>Journal of Hydrometeorology</i> , 2004, 5, 679-692.	1.9	20
30	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
31	Anthropogenic-induced changes in twenty-first century summertime hydroclimatology of the Northeastern US. <i>Climatic Change</i> , 2010, 99, 403-423.	3.6	19
32	Summertime moisture divergence over the southwestern US and northwestern Mexico. <i>Geophysical Research Letters</i> , 2001, 28, 1973-1976.	4.0	17
33	Extratropical forcing of El Niño Southern Oscillation asymmetry. <i>Geophysical Research Letters</i> , 2013, 40, 4916-4921.	4.0	16
34	A New Metric for Estimating the Influence of Evaporation on Seasonal Precipitation Rates. <i>Journal of Hydrometeorology</i> , 2008, 9, 576-588.	1.9	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> , 2009, 10, 893-911.	1.9	15
36	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

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37	Intraseasonal Atmospheric Variability in the Extratropics and Its Relation to the Onset of Tropical Pacific Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2007, 20, 926-936.	3.2	14
38	Impact of midlatitude stationary waves on regional Hadley cells and ENSO. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	13
39	Climate forcings and climate sensitivities diagnosed from atmospheric global circulation models. <i>Climate Dynamics</i> , 2010, 35, 1461-1475.	3.8	12
40	The Diurnal Cycle of the Summertime Atmospheric Hydrologic Cycle over the Southwestern United States. <i>Journal of Hydrometeorology</i> , 2005, 6, 219-228.	1.9	11
41	Stochastic Modeling of Daily Summertime Rainfall over the Southwestern United States. Part I: Interannual Variability. <i>Journal of Hydrometeorology</i> , 2006, 7, 739-754.	1.9	11
42	What Do Rain Gauges Tell Us about the Limits of Precipitation Predictability?*. <i>Journal of Climate</i> , 2013, 26, 5682-5688.	3.2	11
43	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
44	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
45	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
46	Intraseasonal Interactions between Temperature and Vegetation over the Boreal Forests. <i>Earth Interactions</i> , 2007, 11, 1-30.	1.5	10
47	Monitoring crop yield in USA using a satellite-based climate-variability Impact Index. , 2010, , .		10
48	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
49	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
50	Regional Simulation of Intraseasonal Variations in the Summertime Hydrologic Cycle over the Southwestern United States. <i>Journal of Climate</i> , 2002, 15, 2282-2300.	3.2	9
51	Feedbacks of Vegetation on Summertime Climate Variability over the North American Grasslands. Part II: A Coupled Stochastic Model. <i>Earth Interactions</i> , 2006, 10, 1-30.	1.5	7
52	Tracking the Pacific Decadal Precession. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3214-3227.	3.3	7
53	Stochastic Modeling of Daily Summertime Rainfall over the Southwestern United States. Part II: Intraseasonal Variability. <i>Journal of Hydrometeorology</i> , 2007, 8, 938-951.	1.9	6
54	Testing for the Possible Influence of Unknown Climate Forcings upon Global Temperature Increases from 1950 to 2000. <i>Journal of Climate</i> , 2012, 25, 7163-7172.	3.2	6

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55	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
56	Variations in the Summertime Atmospheric Hydrologic Cycle Associated with Seasonal Precipitation Anomalies over the Southwestern United States. <i>Journal of Hydrometeorology</i> , 2006, 7, 788-807.	1.9	5
57	Influence of Daily Rainfall Characteristics on Regional Summertime Precipitation over the Southwestern United States. <i>Journal of Hydrometeorology</i> , 2009, 10, 1218-1230.	1.9	5
58	Ocean Dynamics are Key to Extratropical Forcing of El Niño. <i>Journal of Climate</i> , 2021, 34, 8739-8753.	3.2	5
59	Monitoring 2005 corn belt yields from space. <i>Eos</i> , 2006, 87, 150.	0.1	4
60	Web-Based Data to Quantify Meteorological and Geographical Effects on Heat Stroke: Case Study in China. <i>GeoHealth</i> , 2022, 6, .	4.0	3
61	Consistency in Global Climate Change Model Predictions of Regional Precipitation Trends. <i>Earth Interactions</i> , 2009, 13, 1-23.	1.5	2
62	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
63	The Water Cycle across Scales. <i>Bulletin of the American Meteorological Society</i> , 2005, 86, 1743-1746.	3.3	1
64	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
65	Identification of Nonlinear Behavior in Transient Climate Change Projections of Soil Moisture over the United States. <i>Earth Interactions</i> , 2009, 13, 1-13.	1.5	0
66	The pacific decadal precession and its relationship to tropical pacific decadal variability in CMIP6 models. <i>Climate Dynamics</i> , 0, , 1.	3.8	0