

Benjamin A Cash

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,530
citations

331670

21
h-index

315739

38
g-index

44
all docs

44
docs citations

44
times ranked

2270
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulating the diurnal cycle of rainfall in global climate models: resolution versus parameterization. <i>Climate Dynamics</i> , 2012, 39, 399-418.	3.8	190
2	Tropical Cyclone Climatology in a 10-km Global Atmospheric GCM: Toward Weather-Resolving Climate Modeling. <i>Journal of Climate</i> , 2012, 25, 3867-3893.	3.2	157
3	A Mechanism and Simple Dynamical Model of the North Atlantic Oscillation and Annular Modes. <i>Journals of the Atmospheric Sciences</i> , 2004, 61, 264-280.	1.7	143
4	Evidence for Enhanced Land–Atmosphere Feedback in a Warming Climate. <i>Journal of Hydrometeorology</i> , 2012, 13, 981-995.	1.9	104
5	Convective heat transfer over wintertime leads and polynyas. <i>Journal of Geophysical Research</i> , 1999, 104, 25721-25734.	3.3	75
6	Cholera Seasonality in Madras (1901–1940): Dual Role for Rainfall in Endemic and Epidemic Regions. <i>EcoHealth</i> , 2007, 4, 52-62.	2.0	69
7	Verification of Land–Atmosphere Coupling in Forecast Models, Reanalyses, and Land Surface Models Using Flux Site Observations. <i>Journal of Hydrometeorology</i> , 2018, 19, 375-392.	1.9	66
8	The Cape Town “Day Zero” drought and Hadley cell expansion. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	6.8	61
9	Future Changes in the Western North Pacific Tropical Cyclone Activity Projected by a Multidecadal Simulation with a 16-km Global Atmospheric GCM. <i>Journal of Climate</i> , 2014, 27, 7622-7646.	3.2	49
10	Observed Nonmodal Growth of the Pacific–North American Teleconnection Pattern. <i>Journal of Climate</i> , 2001, 14, 1017-1028.	3.2	38
11	Seasonal Forecasts of Tropical Cyclone Activity in a High-Atmospheric-Resolution Coupled Prediction System*. <i>Journal of Climate</i> , 2016, 29, 1179-1200.	3.2	38
12	Sampling variability and the changing ENSO–monsoon relationship. <i>Climate Dynamics</i> , 2017, 48, 4071-4079.	3.8	37
13	Cholera and Shigellosis: Different Epidemiology but Similar Responses to Climate Variability. <i>PLoS ONE</i> , 2014, 9, e107223.	2.5	37
14	Links between Tropical Pacific SST and Cholera Incidence in Bangladesh: Role of the Eastern and Central Tropical Pacific. <i>Journal of Climate</i> , 2008, 21, 4647-4663.	3.2	36
15	The Structure and Composition of the Annular Modes in an Aquaplanet General Circulation Model. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 3399-3414.	1.7	33
16	Sub-seasonal Predictability of the Onset and Demise of the Rainy Season over Monsoonal Regions. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	33
17	ENSO Prediction in Project Minerva: Sensitivity to Atmospheric Horizontal Resolution and Ensemble Size. <i>Journal of Climate</i> , 2015, 28, 2080-2095.	3.2	30
18	Disentangling the Impact of ENSO and Indian Ocean Variability on the Regional Climate of Bangladesh: Implications for Cholera Risk. <i>Journal of Climate</i> , 2010, 23, 2817-2831.	3.2	29

#	ARTICLE	IF	CITATIONS
19	Model Estimates of Land-Driven Predictability in a Changing Climate from CCSM4. <i>Journal of Climate</i> , 2013, 26, 8495-8512.	3.2	28
20	Dynamical Processes of Block Evolution. <i>Journals of the Atmospheric Sciences</i> , 2000, 57, 3202-3218.	1.7	26
21	Zonal Asymmetries, Teleconnections, and Annular Patterns in a GCM. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 207-219.	1.7	24
22	Predictable and Unpredictable Aspects of U.S. West Coast Rainfall and El Niño: Understanding the 2015/16 Event. <i>Journal of Climate</i> , 2019, 32, 2843-2868.	3.2	19
23	Sensitivity of El Niño intensity and timing to preceding subsurface heat magnitude. <i>Scientific Reports</i> , 2016, 6, 36344.	3.3	18
24	Evaluation of NMME temperature and precipitation bias and forecast skill for South Asia. <i>Climate Dynamics</i> , 2019, 53, 7363-7380.	3.8	18
25	Indian summer monsoon variability forecasts in the North American multimodel ensemble. <i>Climate Dynamics</i> , 2019, 53, 7321-7334.	3.8	18
26	Regional Structure of the Indian Summer Monsoon in Observations, Reanalysis, and Simulation. <i>Journal of Climate</i> , 2015, 28, 1824-1841.	3.2	16
27	Cholera forecast for Dhaka, Bangladesh, with the 2015-2016 El Niño: Lessons learned. <i>PLoS ONE</i> , 2017, 12, e0172355.	2.5	16
28	Origin of regional climate differences: role of boundary conditions and model formulation in two GCMs. <i>Climate Dynamics</i> , 2005, 25, 709-723.	3.8	15
29	Seasonal forecasts of North Atlantic tropical cyclone activity in the North American Multi-Model Ensemble. <i>Climate Dynamics</i> , 2019, 53, 7169-7184.	3.8	15
30	Links between Tropical Pacific SST and Cholera Incidence in Bangladesh: Role of the Western Tropical and Central Extratropical Pacific. <i>Journal of Climate</i> , 2009, 22, 1641-1660.	3.2	13
31	Effects of realistic land surface initializations on subseasonal to seasonal soil moisture and temperature predictability in North America and in changing climate simulated by CCSM4. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,250.	3.3	13
32	Seasonal Predictability of Summer Rainfall over South America. <i>Journal of Climate</i> , 2018, 31, 8181-8195.	3.2	13
33	Advanced cyberinfrastructure for intercomparison and validation of climate models. <i>Environmental Modelling and Software</i> , 2020, 123, 104559.	4.5	13
34	Differing Estimates of Observed Bangladesh Summer Rainfall. <i>Journal of Hydrometeorology</i> , 2008, 9, 1106-1114.	1.9	9
35	Origin of climate sensitivity differences: role of selected radiative processes in two GCMs. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2007, 59, 155-169.	1.7	6
36	The East Asian Summer Monsoon in pacemaker experiments driven by ENSO. <i>Ocean Dynamics</i> , 2015, 65, 385-393.	2.2	5

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37	Timing of subsurface heat magnitude for the growth of El Niño events. <i>Geophysical Research Letters</i> , 2017, 44, 8501-8509.	4.0	4
38	Assessment of Climatology and Predictability of Mid-Atlantic Tropical Cyclone Landfalls in a High-Atmospheric-Resolution Seasonal Prediction System. <i>Monthly Weather Review</i> , 2019, 147, 2901-2917.	1.4	4
39	Comment on "On the presence of annular variability in an aquaplanet model" by Masahiro Watanabe. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	3
40	Oceanic forcing for the East Asian precipitation in pacemaker AGCM experiments. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	3
41	Links between tropical Pacific SST and cholera incidence in Bangladesh: Role of the eastern and central tropical Pacific. <i>Journal of Climate</i> , 0, , 100807022647046.	3.2	2
42	Dynamical linkage of tropical and subtropical weather systems to the intraseasonal oscillations of the Indian summer monsoon rainfall. Part II: Simulations in the ENSEMBLES project. <i>Climate Dynamics</i> , 2012, 39, 1219-1239.	3.8	1
43	Origin of climate sensitivity differences: role of selected radiative processes in two GCMs. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2007, , .	1.7	0