

Benjamin A Cash

List of Publications by Citations

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

42
papers

1,234
citations

20
h-index

34
g-index

44
ext. papers

1,385
ext. citations

3.9
avg, IF

4.19
L-index

#	Paper	IF	Citations
42	Simulating the diurnal cycle of rainfall in global climate models: resolution versus parameterization. <i>Climate Dynamics</i> , 2012 , 39, 399-418	4.2	160
41	Tropical Cyclone Climatology in a 10-km Global Atmospheric GCM: Toward Weather-Resolving Climate Modeling. <i>Journal of Climate</i> , 2012 , 25, 3867-3893	4.4	136
40	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	2.1	120
39	Evidence for Enhanced Land-Atmosphere Feedback in a Warming Climate. <i>Journal of Hydrometeorology</i> , 2012 , 13, 981-995	3.7	84
38	Convective heat transfer over wintertime leads and polynyas. <i>Journal of Geophysical Research</i> , 1999 , 104, 25721-25734		62
37	Cholera Seasonality in Madras (1901-1940): Dual Role for Rainfall in Endemic and Epidemic Regions. <i>EcoHealth</i> , 2007 , 4, 52-62	3.1	55
36	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	3.7	46
35	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	4.4	44
34	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	4.4	34
33	Observed Nonmodal Growth of the Pacific-North American Teleconnection Pattern. <i>Journal of Climate</i> , 2001 , 14, 1017-1028	4.4	34
32	Sampling variability and the changing ENSO-monsoon relationship. <i>Climate Dynamics</i> , 2017 , 48, 4071-4079	4.2	32
31	The Cape Town Day Zero drought and Hadley cell expansion. <i>Npj Climate and Atmospheric Science</i> , 2019 , 2,	8	30
30	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	2.1	29
29	Cholera and shigellosis: different epidemiology but similar responses to climate variability. <i>PLoS ONE</i> , 2014 , 9, e107223	3.7	29
28	ENSO Prediction in Project Minerva: Sensitivity to Atmospheric Horizontal Resolution and Ensemble Size. <i>Journal of Climate</i> , 2015 , 28, 2080-2095	4.4	28
27	Seasonal Forecasts of Tropical Cyclone Activity in a High-Atmospheric-Resolution Coupled Prediction System*. <i>Journal of Climate</i> , 2016 , 29, 1179-1200	4.4	28
26	Model Estimates of Land-Driven Predictability in a Changing Climate from CCSM4. <i>Journal of Climate</i> , 2013 , 26, 8495-8512	4.4	25

25	Dynamical Processes of Block Evolution. <i>Journals of the Atmospheric Sciences</i> , 2000 , 57, 3202-3218	2.1	25
24	Zonal Asymmetries, Teleconnections, and Annular Patterns in a GCM. <i>Journals of the Atmospheric Sciences</i> , 2005 , 62, 207-219	2.1	24
23	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	4.4	23
22	Sub-seasonal Predictability of the Onset and Demise of the Rainy Season over Monsoonal Regions. <i>Frontiers in Earth Science</i> , 2017 , 5,	3.5	17
21	Origin of regional climate differences: role of boundary conditions and model formulation in two GCMs. <i>Climate Dynamics</i> , 2005 , 25, 709-723	4.2	15
20	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	4.4	13
19	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	4.4	13
18	Cholera forecast for Dhaka, Bangladesh, with the 2015-2016 El Niño: Lessons learned. <i>PLoS ONE</i> , 2017 , 12, e0172355	3.7	12
17	Seasonal forecasts of North Atlantic tropical cyclone activity in the North American Multi-Model Ensemble. <i>Climate Dynamics</i> , 2019 , 53, 7169-7184	4.2	12
16	Regional Structure of the Indian Summer Monsoon in Observations, Reanalysis, and Simulation. <i>Journal of Climate</i> , 2015 , 28, 1824-1841	4.4	11
15	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, 13,250-13,270	4.4	11
14	Advanced cyberinfrastructure for intercomparison and validation of climate models. <i>Environmental Modelling and Software</i> , 2020 , 123, 104559	5.2	10
13	Sensitivity of El Niño intensity and timing to preceding subsurface heat magnitude. <i>Scientific Reports</i> , 2016 , 6, 36344	4.9	10
12	Indian summer monsoon variability forecasts in the North American multimodel ensemble. <i>Climate Dynamics</i> , 2019 , 53, 7321-7334	4.2	10
11	Differing Estimates of Observed Bangladesh Summer Rainfall. <i>Journal of Hydrometeorology</i> , 2008 , 9, 1106-1114	3.7	9
10	Evaluation of NMME temperature and precipitation bias and forecast skill for South Asia. <i>Climate Dynamics</i> , 2019 , 53, 7363-7380	4.2	8
9	Seasonal Predictability of Summer Rainfall over South America. <i>Journal of Climate</i> , 2018 , 31, 8181-8195	4.4	6
8	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	2	6

7	The East Asian Summer Monsoon in pacemaker experiments driven by ENSO. <i>Ocean Dynamics</i> , 2015 , 65, 385-393	2.3	4
6	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	4.4	4
5	Timing of subsurface heat magnitude for the growth of El Niño events. <i>Geophysical Research Letters</i> , 2017 , 44, 8501-8509	4.9	3
4	Oceanic forcing for the East Asian precipitation in pacemaker AGCM experiments. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	3
3	Comment on On the presence of annular variability in an aquaplanet model by Masahiro Watanabe. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	3
2	Links between tropical Pacific SST and cholera incidence in Bangladesh: Role of the eastern and central tropical Pacific. <i>Journal of Climate</i> , 100807022647046	4.4	2
1	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	4.2	1