

Benjamin R Lintner

List of Publications by Year in descending order

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35
papers

1,639
citations

361413

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h-index

361022

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docs citations

37
times ranked

2947
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Extents of Tropical Droughts During El Niño in Current and Future Climate in Observations, Reanalysis, and CMIP5 Models. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093701.	4.0	2
2	South Pacific Convergence Zone dynamics, variability and impacts in a changing climate. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 530-543.	29.7	49
3	Beyond MAP: A guide to dimensions of rainfall variability for tropical ecology. <i>Biotropica</i> , 2020, 52, 1319-1332.	1.6	15
4	Record warming at the South Pole during the past three decades. <i>Nature Climate Change</i> , 2020, 10, 762-770.	18.8	81
5	Land-atmosphere interactions in the tropics – a review. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4171-4197.	4.9	43
6	Role of the South Pacific Convergence Zone in West Antarctic Decadal Climate Variability. <i>Geophysical Research Letters</i> , 2019, 46, 6900-6909.	4.0	18
7	Using Atmospheric Energy Transport to Quantitatively Constrain South Pacific Convergence Zone Shifts during ENSO. <i>Journal of Climate</i> , 2019, 32, 1839-1855.	3.2	14
8	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
9	Relationships among climatological vertical moisture structure, column water vapor, and precipitation over the central Amazon in observations and CMIP5 models. <i>Geophysical Research Letters</i> , 2017, 44, 1981-1989.	4.0	24
10	Uncertain soil moisture feedbacks in model projections of Sahel precipitation. <i>Geophysical Research Letters</i> , 2017, 44, 6124-6133.	4.0	13
11	Soil Moisture Influence on Seasonality and Large-Scale Circulation in Simulations of the West African Monsoon. <i>Journal of Climate</i> , 2017, 30, 2295-2317.	3.2	38
12	The impact of anthropogenic land use and land cover change on regional climate extremes. <i>Nature Communications</i> , 2017, 8, 989.	12.8	207
13	Land-atmosphere feedbacks amplify aridity increase over land under global warming. <i>Nature Climate Change</i> , 2016, 6, 869-874.	18.8	300
14	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
15	Deep Convection and Column Water Vapor over Tropical Land versus Tropical Ocean: A Comparison between the Amazon and the Tropical Western Pacific. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 4043-4063.	1.7	123
16	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
17	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
18	The Role of Tropical-Extratropical Interaction and Synoptic Variability in Maintaining the South Pacific Convergence Zone in CMIP5 Models. <i>Journal of Climate</i> , 2015, 28, 3353-3374.	3.2	19

#	ARTICLE	IF	CITATIONS
19	Impact of Soil Moisture–Atmosphere Interactions on Surface Temperature Distribution. <i>Journal of Climate</i> , 2014, 27, 7976-7993.	3.2	129
20	Triggering Deep Convection with a Probabilistic Plume Model. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 3881-3901.	1.7	29
21	Mechanisms of Mid-Holocene Precipitation Change in the South Pacific Convergence Zone. <i>Journal of Climate</i> , 2013, 26, 6937-6953.	3.2	12
22	Circulation, Moisture, and Precipitation Relationships along the South Pacific Convergence Zone in Reanalyses and CMIP5 Models. <i>Journal of Climate</i> , 2013, 26, 10174-10192.	3.2	13
23	Reduction of tropical land region precipitation variability via transpiration. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	35
24	Implementation of the Quasi–equilibrium Tropical Circulation Model 2 (QTCM2): Global simulations and convection sensitivity to free tropospheric moisture. <i>Journal of Advances in Modeling Earth Systems</i> , 2012, 4, .	3.8	4
25	Amplification of wet and dry month occurrence over tropical land regions in response to global warming. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	38
26	Land use change exacerbates tropical South American drought by sea surface temperature variability. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	44
27	Column Water Vapor Statistics and Their Relationship to Deep Convection, Vertical and Horizontal Circulation, and Moisture Structure at Nauru. <i>Journal of Climate</i> , 2011, 24, 5454-5466.	3.2	27
28	Long tails in deep columns of natural and anthropogenic tropospheric tracers. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	40
29	Soil Moisture Impacts on Convective Margins. <i>Journal of Hydrometeorology</i> , 2009, 10, 1026-1039.	1.9	21
30	Eastern margin variability of the South Pacific Convergence Zone. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	40
31	Adjustment of the Remote Tropical Climate to El Niño Conditions. <i>Journal of Climate</i> , 2007, 20, 2544-2557.	3.2	41
32	Seasonal circulation and Mauna Loa CO ₂ variability. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	19
33	Reorganization of Tropical Climate during El Niño: A Weak Temperature Gradient Approach. <i>Journal of Climate</i> , 2005, 18, 5312-5329.	3.2	9
34	Mechanisms of Remote Tropical Surface Warming during El Niño. <i>Journal of Climate</i> , 2005, 18, 4130-4149.	3.2	93
35	Mechanisms of convection-induced modulation of passive tracer interhemispheric transport interannual variability. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	25