

James Benedict

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,751
citations

516710

16
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1702
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of MJO Simulation Diagnostics to Climate Models. <i>Journal of Climate</i> , 2009, 22, 6413-6436.	3.2	331
2	Observed Characteristics of the MJO Relative to Maximum Rainfall. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 2332-2354.	1.7	284
3	Synoptic View of the North Atlantic Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2004, 61, 121-144.	1.7	272
4	Structure of the Madden-Julian Oscillation in the Superparameterized CAM. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 3277-3296.	1.7	167
5	NCAR Release of CAM-SE in CESM2.0: A Reformulation of the Spectral Element Dynamical Core in Dry-Mass Vertical Coordinates With Comprehensive Treatment of Condensates and Energy. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 1537-1570.	3.8	91
6	Impact of the MJO on the boreal winter extratropical circulation. <i>Geophysical Research Letters</i> , 2014, 41, 6055-6062.	4.0	90
7	The impact of the diurnal cycle on the propagation of Madden-Julian oscillation convection across the Maritime Continent. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1552-1564.	3.8	86
8	Gross Moist Stability and MJO Simulation Skill in Three Full-Physics GCMs. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 3327-3349.	1.7	84
9	Diagnosing ocean feedbacks to the MJO: SST-modulated surface fluxes and the moist static energy budget. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8350-8373.	3.3	64
10	Tropical Intraseasonal Variability in Version 3 of the GFDL Atmosphere Model. <i>Journal of Climate</i> , 2013, 26, 426-449.	3.2	53
11	Impacts of Idealized Air-Sea Coupling on Madden-Julian Oscillation Structure in the Superparameterized CAM. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 1990-2008.	1.7	45
12	Simulations of the Tropical General Circulation with a Multiscale Global Model. <i>Meteorological Monographs</i> , 2016, 56, 15.1-15.15.	5.0	42
13	Sensitivity of MJO propagation to a robust positive Indian Ocean dipole event in the superparameterized CAM. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1901-1917.	3.8	23
14	Monsoon intraseasonal oscillations as simulated by the superparameterized Community Atmosphere Model. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	21
15	Atmospheric Blocking and Other Large-Scale Precursor Patterns of Landfalling Atmospheric Rivers in the North Pacific: A CESM2 Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11330-11353.	3.3	21
16	Process-Oriented Diagnosis of East Pacific Warm Pool Intraseasonal Variability. <i>Journal of Climate</i> , 2014, 27, 6305-6324.	3.2	18
17	Investigating the Influence of Cloud Radiative Effects on the Extratropical Storm Tracks. <i>Geophysical Research Letters</i> , 2019, 46, 7700-7707.	4.0	16
18	Sensitivities of the hydrologic cycle to model physics, grid resolution, and ocean type in the aquaplanet Community Atmosphere Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1307-1324.	3.8	12

#	ARTICLE	IF	CITATIONS
19	Investigating the Role of Cloud–Radiation Interactions in Subseasonal Tropical Disturbances. Geophysical Research Letters, 2020, 47, e2019GL086817.	4.0	11
20	Investigating the impact of cloud-radiative feedbacks on tropical precipitation extremes. Npj Climate and Atmospheric Science, 2021, 4, .	6.8	8