

Ingo Richter

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,201
citations

331670

21
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

2489
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards process-informed bias correction of climate change simulations. <i>Nature Climate Change</i> , 2017, 7, 764-773.	18.8	329
2	On the origin of equatorial Atlantic biases in coupled general circulation models. <i>Climate Dynamics</i> , 2008, 31, 587-598.	3.8	249
3	Equatorial Atlantic variability and its relation to mean state biases in CMIP5. <i>Climate Dynamics</i> , 2014, 42, 171-188.	3.8	174
4	Climate model biases in the eastern tropical oceans: causes, impacts and ways forward. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2015, 6, 345-358.	8.1	137
5	Muted precipitation increase in global warming simulations: A surface evaporation perspective. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	122
6	Multiple causes of interannual sea surface temperature variability in the equatorial Atlantic Ocean. <i>Nature Geoscience</i> , 2013, 6, 43-47.	12.9	118
7	Challenges and Prospects for Reducing Coupled Climate Model SST Biases in the Eastern Tropical Atlantic and Pacific Oceans: The U.S. CLIVAR Eastern Tropical Oceans Synthesis Working Group. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 2305-2328.	3.3	116
8	Tropical Atlantic biases and their relation to surface wind stress and terrestrial precipitation. <i>Climate Dynamics</i> , 2012, 38, 985-1001.	3.8	111
9	Equatorial Atlantic variability – Modes, mechanisms, and global teleconnections. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2018, 9, e527.	8.1	104
10	On the triggering of Benguela Niños: Remote equatorial versus local influences. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	86
11	Diagnosing southeast tropical Atlantic SST and ocean circulation biases in the CMIP5 ensemble. <i>Climate Dynamics</i> , 2014, 43, 3123-3145.	3.8	83
12	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	80
13	An overview of the performance of CMIP6 models in the tropical Atlantic: mean state, variability, and remote impacts. <i>Climate Dynamics</i> , 2020, 55, 2579-2601.	3.8	72
14	ENSO Influence on the Atlantic Niños, Revisited: Multi-Year versus Single-Year ENSO Events. <i>Journal of Climate</i> , 2019, 32, 4585-4600.	3.2	51
15	What controls equatorial Atlantic winds in boreal spring?. <i>Climate Dynamics</i> , 2014, 43, 3091-3104.	3.8	50
16	Phase locking of equatorial Atlantic variability through the seasonal migration of the ITCZ. <i>Climate Dynamics</i> , 2017, 48, 3615-3629.	3.8	48
17	What Determines the Position and Intensity of the South Atlantic Anticyclone in Austral Winter? – An ACCM Study. <i>Journal of Climate</i> , 2008, 21, 214-229.	3.2	46
18	Orographic Influences on Subtropical Stratocumulus. <i>Journals of the Atmospheric Sciences</i> , 2006, 63, 2585-2601.	1.7	44

#	ARTICLE	IF	CITATIONS
19	On the link between mean state biases and prediction skill in the tropics: an atmospheric perspective. <i>Climate Dynamics</i> , 2018, 50, 3355-3374.	3.8	37
20	Moisture transport from the Atlantic to the Pacific basin and its response to North Atlantic cooling and global warming. <i>Climate Dynamics</i> , 2010, 35, 551-566.	3.8	32
21	Causes and evolution of the southeastern tropical Atlantic warm event in early 2016. <i>Climate Dynamics</i> , 2019, 53, 261-274.	3.8	24
22	Diabatic heating governs the seasonality of the Atlantic Niño. <i>Nature Communications</i> , 2021, 12, 376.	12.8	18
23	Revisiting the Tropical Atlantic Influence on El Niño–Southern Oscillation. <i>Journal of Climate</i> , 2021, 34, 8533-8548.	3.2	14
24	Impact of Systematic GCM Errors on Prediction Skill as Estimated by Linear Inverse Modeling. <i>Journal of Climate</i> , 2020, 33, 10073-10095.	3.2	11
25	The Extraordinary Equatorial Atlantic Warming in Late 2019. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	11
26	AN OVERVIEW OF COUPLED GCM BIASES IN THE TROPICS. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2016, , 213-263.	0.2	10
27	Estimating the Role of SST in Atmospheric Surface Wind Variability over the Tropical Atlantic and Pacific. <i>Journal of Climate</i> , 2019, 32, 3899-3915.	3.2	8
28	The Atlantic zonal mode: Dynamics, thermodynamics, and teleconnections. , 2021, , 171-206.		8
29	The other coastal Niño/Niña—the Benguela, California, and Dakar Niño/Niña. , 2021, , 237-266.		2
30	Interannual Variability of Tropical Atlantic-to-Pacific Moisture Transport Linked to ENSO, Atlantic Niño, and Freshwater Budget in the Northwestern Tropical Atlantic. <i>Journal of Climate</i> , 2021, , 1-61.	3.2	2
31	Atmosphere–Ocean Interactions. , 2020, , 89-119.		2
32	How might a collapse in the Atlantic Meridional Overturning Circulation affect rainfall over tropical South America?. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	2.3	2