

Jon I Robson

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,947
citations

186265

28
h-index

168389

53
g-index

75
all docs

75
docs citations

75
times ranked

3545
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Internal Atlantic Multidecadal Variability in HadGEM3-GC3.1 at Two Different Resolutions. <i>Journal of Climate</i> , 2022, 35, 1365-1383.	3.2	6
2	Coupled climate response to Atlantic Multidecadal Variability in a multi-model multi-resolution ensemble. <i>Climate Dynamics</i> , 2022, 59, 805-836.	3.8	10
3	The evolution of the North Atlantic Meridional Overturning Circulation since 1980. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 241-254.	29.7	58
4	Early-winter North Atlantic low-level jet latitude biases in climate models: implications for simulated regional atmosphere-ocean linkages. <i>Environmental Research Letters</i> , 2022, 17, 014025.	5.2	1
5	Interactions between the stratospheric polar vortex and Atlantic circulation on seasonal to multi-decadal timescales. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4867-4893.	4.9	1
6	The Role of Anthropogenic Aerosol Forcing in the 1850–1985 Strengthening of the AMOC in CMIP6 Historical Simulations. <i>Journal of Climate</i> , 2022, 35, 3243-3263.	3.2	11
7	Role of the Atlantic multidecadal variability in modulating East Asian climate. <i>Climate Dynamics</i> , 2021, 56, 381-398.	3.8	16
8	Labrador Sea subsurface density as a precursor of multidecadal variability in the North Atlantic: a multi-model study. <i>Earth System Dynamics</i> , 2021, 12, 419-438.	7.1	13
9	Skilful decadal predictions of subpolar North Atlantic SSTs using CMIP model-analogues. <i>Environmental Research Letters</i> , 2021, 16, 064090.	5.2	7
10	Impacts of Atlantic multidecadal variability on the tropical Pacific: a multi-model study. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	29
11	Skilful seasonal predictions of global monsoon summer precipitation with DePreSys3. <i>Environmental Research Letters</i> , 2021, 16, 104035.	5.2	6
12	Drivers of Recent North Pacific Decadal Variability: The Role of Aerosol Forcing. <i>Earth's Future</i> , 2021, 9, e2021EF002249.	6.3	13
13	The Evaluation of the North Atlantic Climate System in UKESM1 Historical Simulations for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002126.	3.8	8
14	North Atlantic climate far more predictable than models imply. <i>Nature</i> , 2020, 583, 796-800.	27.8	158
15	Historical Simulations With HadGEM3-GC3.1 for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001995.	3.8	84
16	Skilful interannual climate prediction from two large initialised model ensembles. <i>Environmental Research Letters</i> , 2020, 15, 094083.	5.2	25
17	Aerosol-Forced AMOC Changes in CMIP6 Historical Simulations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088166.	4.0	85
18	Processes shaping the spatial pattern and seasonality of the surface air temperature response to anthropogenic forcing. <i>Climate Dynamics</i> , 2020, 54, 3959-3975.	3.8	7

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19	Robust Multiyear Climate Impacts of Volcanic Eruptions in Decadal Prediction Systems. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031739.	3.3	15
20	Surging of Global Surface Temperature due to Decadal Legacy of Ocean Heat Uptake. <i>Journal of Climate</i> , 2020, 33, 8025-8045.	3.2	3
21	Can the boundary profiles at 26°N be used to extract buoyancy-forced Atlantic Meridional Overturning Circulation signals?. <i>Ocean Science</i> , 2020, 16, 1067-1088.	3.4	1
22	The Mean State and Variability of the North Atlantic Circulation: A Perspective From Ocean Reanalyses. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9141-9170.	2.6	55
23	Projected near term changes in the East Asian summer monsoon and its uncertainty. <i>Environmental Research Letters</i> , 2019, 14, 084038.	5.2	9
24	Insights into Decadal North Atlantic Sea Surface Temperature and Ocean Heat Content Variability from an Eddy-Permitting Coupled Climate Model. <i>Journal of Climate</i> , 2019, 32, 6137-6161.	3.2	12
25	Effect of the Atlantic Multidecadal Variability on the Global Monsoon. <i>Geophysical Research Letters</i> , 2019, 46, 1765-1775.	4.0	43
26	Predicting the seasonal evolution of southern African summer precipitation in the DePreSys3 prediction system. <i>Climate Dynamics</i> , 2019, 52, 6491-6510.	3.8	16
27	Anomalously weak Labrador Sea convection and Atlantic overturning during the past 150 years. <i>Nature</i> , 2018, 556, 227-230.	27.8	293
28	How Robust Are the Surface Temperature Fingerprints of the Atlantic Overturning Meridional Circulation on Monthly Time Scales?. <i>Geophysical Research Letters</i> , 2018, 45, 3559-3567.	4.0	10
29	Decadal prediction of the North Atlantic subpolar gyre in the HiGEM high-resolution climate model. <i>Climate Dynamics</i> , 2018, 50, 921-937.	3.8	30
30	Atlantic Multidecadal Variability and the U.K. ACSIS Program. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 415-425.	3.3	80
31	Recent multivariate changes in the North Atlantic climate system, with a focus on 2005–2016. <i>International Journal of Climatology</i> , 2018, 38, 5050-5076.	3.5	34
32	Preindustrial Control Simulations With HadGEM3-GC3.1 for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 3049-3075.	3.8	62
33	Forced decadal changes in the East Asian summer monsoon: the roles of greenhouse gases and anthropogenic aerosols. <i>Climate Dynamics</i> , 2018, 51, 3699-3715.	3.8	49
34	A role of the Atlantic Ocean in predicting summer surface air temperature over North East Asia?. <i>Climate Dynamics</i> , 2018, 51, 473-491.	3.8	37
35	Decadal predictions with the HiGEM high resolution global coupled climate model: description and basic evaluation. <i>Climate Dynamics</i> , 2017, 48, 297-311.	3.8	16
36	Recent Progress in Understanding and Predicting Atlantic Decadal Climate Variability. <i>Current Climate Change Reports</i> , 2017, 3, 112-127.	8.6	115

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37	Mechanisms of decadal variability in the Labrador Sea and the wider North Atlantic in a high-resolution climate model. <i>Climate Dynamics</i> , 2017, 49, 2625-2647.	3.8	37
38	Impact of internal variability on projections of Sahel precipitation change. <i>Environmental Research Letters</i> , 2017, 12, 114003.	5.2	23
39	A reversal of climatic trends in the North Atlantic since 2005. <i>Nature Geoscience</i> , 2016, 9, 513-517.	12.9	174
40	Comment on "The Atlantic Multidecadal Oscillation without a role for ocean circulation". <i>Science</i> , 2016, 352, 1527-1527.	12.6	136
41	Exploring the impact of CMIP5 model biases on the simulation of North Atlantic decadal variability. <i>Geophysical Research Letters</i> , 2015, 42, 5926-5934.	4.0	80
42	A Mechanism of Internal Decadal Atlantic Ocean Variability in a High-Resolution Coupled Climate Model. <i>Journal of Climate</i> , 2015, 28, 7764-7785.	3.2	32
43	An Anatomy of the Cooling of the North Atlantic Ocean in the 1960s and 1970s. <i>Journal of Climate</i> , 2014, 27, 8229-8243.	3.2	43
44	The Importance of Wind and Buoyancy Forcing for the Boundary Density Variations and the Geostrophic Component of the AMOC at 26°N. <i>Journal of Physical Oceanography</i> , 2014, 44, 2387-2408.	1.7	56
45	The Interpretation and Use of Biases in Decadal Climate Predictions. <i>Journal of Climate</i> , 2014, 27, 2931-2947.	3.2	23
46	Atlantic overturning in decline?. <i>Nature Geoscience</i> , 2014, 7, 2-3.	12.9	124
47	Decadal predictions of the cooling and freshening of the North Atlantic in the 1960s and the role of ocean circulation. <i>Climate Dynamics</i> , 2014, 42, 2353-2365.	3.8	53
48	A novel transport assimilation method for the Atlantic meridional overturning circulation at 26°N. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 2563-2572.	2.7	8
49	Predictable Climate Impacts of the Decadal Changes in the Ocean in the 1990s. <i>Journal of Climate</i> , 2013, 26, 6329-6339.	3.2	37
50	Have Aerosols Caused the Observed Atlantic Multidecadal Variability?. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 1135-1144.	1.7	282
51	Comment on "Multiyear Prediction of Monthly Mean Atlantic Meridional Overturning Circulation at 26.5°N". <i>Science</i> , 2012, 338, 604-604.	12.6	8
52	Causes of the Rapid Warming of the North Atlantic Ocean in the Mid-1990s. <i>Journal of Climate</i> , 2012, 25, 4116-4134.	3.2	226
53	Initialized decadal predictions of the rapid warming of the North Atlantic Ocean in the mid 1990s. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	91
54	Evaluating the potential for statistical decadal predictions of sea surface temperatures with a perfect model approach. <i>Climate Dynamics</i> , 2011, 37, 2495-2509.	3.8	51

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55	Revised IR spectrum, radiative efficiency and global warming potential of nitrogen trifluoride. Geophysical Research Letters, 2006, 33, n/a-n/a.	4.0	40