

# Whit G Anderson

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

2,610  
citations

394421

19  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulated Climate and Climate Change in the GFDL CM2.5 High-Resolution Coupled Climate Model. <i>Journal of Climate</i> , 2012, 25, 2755-2781.	3.2	454
2	Enhanced warming of the Northwest Atlantic Ocean under climate change. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 118-132.	2.6	348
3	Impacts on Ocean Heat from Transient Mesoscale Eddies in a Hierarchy of Climate Models. <i>Journal of Climate</i> , 2015, 28, 952-977.	3.2	292
4	The GFDL Global Ocean and Sea Ice Model OM4.0: Model Description and Simulation Features. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 3167-3211.	3.8	195
5	Simulation and Prediction of Category 4 and 5 Hurricanes in the High-Resolution GFDL HiFLOR Coupled Climate Model*. <i>Journal of Climate</i> , 2015, 28, 9058-9079.	3.2	181
6	Improved Seasonal Prediction of Temperature and Precipitation over Land in a High-Resolution GFDL Climate Model. <i>Journal of Climate</i> , 2015, 28, 2044-2062.	3.2	141
7	Tropical Cyclone Simulation and Response to CO2 Doubling in the GFDL CM2.5 High-Resolution Coupled Climate Model. <i>Journal of Climate</i> , 2014, 27, 8034-8054.	3.2	115
8	Tropical cyclone sensitivities to CO2 doubling: roles of atmospheric resolution, synoptic variability and background climate changes. <i>Climate Dynamics</i> , 2019, 53, 5999-6033.	3.8	114
9	A Predictable AMO-Like Pattern in the GFDL Fully Coupled Ensemble Initialization and Decadal Forecasting System. <i>Journal of Climate</i> , 2013, 26, 650-661.	3.2	97
10	Role of Mesoscale Eddies in Cross-Frontal Transport of Heat and Biogeochemical Tracers in the Southern Ocean. <i>Journal of Physical Oceanography</i> , 2015, 45, 3057-3081.	1.7	94
11	Has coarse ocean resolution biased simulations of transient climate sensitivity?. <i>Geophysical Research Letters</i> , 2014, 41, 8522-8529.	4.0	88
12	Ocean Water Clarity and the Ocean General Circulation in a Coupled Climate Model. <i>Journal of Physical Oceanography</i> , 2009, 39, 314-332.	1.7	71
13	Seasonal Predictability of Extratropical Storm Tracks in GFDL's High-Resolution Climate Prediction Model. <i>Journal of Climate</i> , 2015, 28, 3592-3611.	3.2	71
14	Improved Simulation of Tropical Cyclone Responses to ENSO in the Western North Pacific in the High-Resolution GFDL HiFLOR Coupled Climate Model*. <i>Journal of Climate</i> , 2016, 29, 1391-1415.	3.2	69
15	Sensitivity of the North Atlantic Ocean Circulation to an abrupt change in the Nordic Sea overflow in a high resolution global coupled climate model. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	67
16	Multiyear Predictions of North Atlantic Hurricane Frequency: Promise and Limitations. <i>Journal of Climate</i> , 2013, 26, 5337-5357.	3.2	57
17	Mechanisms of Southern Ocean Heat Uptake and Transport in a Global Eddyng Climate Model. <i>Journal of Climate</i> , 2016, 29, 2059-2075.	3.2	56
18	How ocean color can steer Pacific tropical cyclones. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	35

#	ARTICLE	IF	CITATIONS
19	The Impact of Horizontal Resolution on North American Monsoon Gulf of California Moisture Surges in a Suite of Coupled Global Climate Models. <i>Journal of Climate</i> , 2016, 29, 7911-7936.	3.2	32
20	Improved Simulations of Tropical Pacific Annual Mean Climate in the GFDL FLOR and HiFLOR Coupled GCMs. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 3176-3220.	3.8	20
21	Impact of climate warming on upper layer of the Bering Sea. <i>Climate Dynamics</i> , 2013, 40, 327-340.	3.8	11
22	Reply to Comments on "Multiyear Predictions of North Atlantic Hurricane Frequency: Promise and Limitations". <i>Journal of Climate</i> , 2014, 27, 490-492.	3.2	2