

# Wanqiu Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

13,134  
citations

201674

27  
h-index

206112

48  
g-index

49  
all docs

49  
docs citations

49  
times ranked

11785  
citing authors

#	ARTICLE	IF	CITATIONS
1	The NCEP Climate Forecast System Reanalysis. <i>Bulletin of the American Meteorological Society</i> , 2010, 91, 1015-1058.	3.3	4,166
2	An Improved In Situ and Satellite SST Analysis for Climate. <i>Journal of Climate</i> , 2002, 15, 1609-1625.	3.2	3,798
3	The NCEP Climate Forecast System Version 2. <i>Journal of Climate</i> , 2014, 27, 2185-2208.	3.2	2,402
4	Vertical structure and physical processes of the Madden-Julian oscillation: Exploring key model physics in climate simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4718-4748.	3.3	332
5	MJO and Convectively Coupled Equatorial Waves Simulated by CMIP5 Climate Models. <i>Journal of Climate</i> , 2013, 26, 6185-6214.	3.2	286
6	Simulations of the Madden-Julian oscillation in four pairs of coupled and uncoupled global models. <i>Climate Dynamics</i> , 2006, 27, 573-592.	3.8	180
7	An assessment of the surface climate in the NCEP climate forecast system reanalysis. <i>Climate Dynamics</i> , 2011, 37, 1601-1620.	3.8	144
8	Evaluation of MJO Forecast Skill from Several Statistical and Dynamical Forecast Models. <i>Journal of Climate</i> , 2009, 22, 2372-2388.	3.2	134
9	MJO prediction in the NCEP Climate Forecast System version 2. <i>Climate Dynamics</i> , 2014, 42, 2509-2520.	3.8	116
10	The Boreal Summer Intraseasonal Oscillation Simulated in the NCEP Climate Forecast System: The Effect of Sea Surface Temperature. <i>Monthly Weather Review</i> , 2007, 135, 1807-1827.	1.4	112
11	Seasonal Prediction of Arctic Sea Ice Extent from a Coupled Dynamical Forecast System. <i>Monthly Weather Review</i> , 2013, 141, 1375-1394.	1.4	111
12	Prediction Skill and Bias of Tropical Pacific Sea Surface Temperatures in the NCEP Climate Forecast System Version 2. <i>Journal of Climate</i> , 2013, 26, 5358-5378.	3.2	104
13	An Assessment of the CFS Real-Time Seasonal Forecasts. <i>Weather and Forecasting</i> , 2010, 25, 950-969.	1.4	99
14	An analysis of warm pool and cold tongue El Niño–sea coupling processes, global influences, and recent trends. <i>Climate Dynamics</i> , 2012, 38, 2017-2035.	3.8	90
15	Multi-model MJO forecasting during DYNAMO/CINDY period. <i>Climate Dynamics</i> , 2013, 41, 1067-1081.	3.8	87
16	Representation of MJO Variability in the NCEP Climate Forecast System. <i>Journal of Climate</i> , 2011, 24, 4676-4694.	3.2	74
17	The Madden-Julian Oscillation Simulated in the NCEP Climate Forecast System Model: The Importance of Stratiform Heating. <i>Journal of Climate</i> , 2010, 23, 4770-4793.	3.2	71
18	Dynamical prediction of the East Asian winter monsoon by the NCEP Climate Forecast System. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1312-1328.	3.3	62

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19	Sensitivity of Dynamical Intraseasonal Prediction Skills to Different Initial Conditions. <i>Monthly Weather Review</i> , 2011, 139, 2572-2592.	1.4	60
20	Bay of Bengal salinity stratification and Indian summer monsoon intraseasonal oscillation: 2. Impact on SST and convection. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4312-4328.	2.6	60
21	Impacts of Ocean Surface on the Northward Propagation of the Boreal Summer Intraseasonal Oscillation in the NCEP Climate Forecast System. <i>Journal of Climate</i> , 2009, 22, 6561-6576.	3.2	54
22	Bay of Bengal salinity stratification and Indian summer monsoon intraseasonal oscillation: 1. Intraseasonal variability and causes. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4291-4311.	2.6	52
23	Impacts of the Madden-Julian Oscillation on Storm-Track Activity, Surface Air Temperature, and Precipitation over North America. <i>Journal of Climate</i> , 2018, 31, 6113-6134.	3.2	51
24	Distinctive Roles of Air-Sea Coupling on Different MJO Events: A New Perspective Revealed from the DYNAMO/CINDY Field Campaign*. <i>Monthly Weather Review</i> , 2015, 143, 794-812.	1.4	42
25	Sea Surface Temperature-Precipitation Relationship in Different Reanalyses. <i>Monthly Weather Review</i> , 2013, 141, 1118-1123.	1.4	41
26	Influence of changes in observations on precipitation: A case study for the Climate Forecast System Reanalysis (CFSR). <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	39
27	Intraseasonal Variability of SST and Precipitation in the Arabian Sea during the Indian Summer Monsoon: Impact of Ocean Mixed Layer Depth. <i>Journal of Climate</i> , 2016, 29, 7889-7910.	3.2	35
28	Importance of convective parameterization in ENSO predictions. <i>Geophysical Research Letters</i> , 2017, 44, 6334-6342.	4.0	27
29	An Evaluation of Precipitation Forecasts from Operational Models and Reanalyses Including Precipitation Variations Associated with MJO Activity. <i>Monthly Weather Review</i> , 2010, 138, 4542-4560.	1.4	26
30	Lagged Ensembles, Forecast Configuration, and Seasonal Predictions. <i>Monthly Weather Review</i> , 2013, 141, 3477-3497.	1.4	25
31	How important is intraseasonal surface wind variability to real-time ENSO prediction?. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	24
32	Simulations of MJO Propagation across the Maritime Continent: Impacts of SST Feedback. <i>Journal of Climate</i> , 2017, 30, 1689-1704.	3.2	24
33	The Indian Summer Monsoon Intraseasonal Oscillations in CFSv2 Forecasts: Biases and Importance of Improving Air-Sea Interaction Processes. <i>Journal of Climate</i> , 2018, 31, 5351-5370.	3.2	24
34	Importance of the Vertical Resolution in Simulating SST Diurnal and Intraseasonal Variability in an Oceanic General Circulation Model. <i>Journal of Climate</i> , 2017, 30, 3963-3978.	3.2	23
35	What is the Role of the Sea Surface Temperature Uncertainty in the Prediction of Tropical Convection Associated with the MJO?. <i>Monthly Weather Review</i> , 2015, 143, 3156-3175.	1.4	22
36	Tropical intraseasonal rainfall variability in the CFSR. <i>Climate Dynamics</i> , 2012, 38, 2191-2207.	3.8	20

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37	The Role of Long-Term Trends in Seasonal Predictions: Implication of Global Warming in the NCEP CFS. <i>Weather and Forecasting</i> , 2009, 24, 965-973.	1.4	18
38	How Much of Monthly Subsurface Temperature Variability in the Equatorial Pacific Can Be Recovered by the Specification of Sea Surface Temperatures?. <i>Journal of Climate</i> , 2014, 27, 1559-1577.	3.2	18
39	Subseasonal to Seasonal Prediction of Wintertime Northern Hemisphere Extratropical Cyclone Activity by S2S and NMME Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12057-12077.	3.3	17
40	Toward Understanding the Diverse Impacts of Air–Sea Interactions on MJO Simulations. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8855-8875.	2.6	13
41	Prediction skill and predictability of Eurasian snow cover fraction in the <scp>NCEP</scp> Climate Forecast System version 2 reforecasts. <i>International Journal of Climatology</i> , 2016, 36, 4071-4084.	3.5	11
42	Simulation of Deep Cycle Turbulence by a Global Ocean General Circulation Model. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088384.	4.0	7
43	Impacts of Different Cumulus Schemes on the Pathways through which SST Provides Feedback to the Madden–Julian Oscillation. <i>Journal of Climate</i> , 2018, 31, 5559-5579.	3.2	6
44	Role of SST feedback in the prediction of the boreal summer monsoon intraseasonal oscillation. <i>Climate Dynamics</i> , 2019, 53, 3861-3875.	3.8	6
45	Intraseasonal Surface Salinity Variability and the MJO in a Climate Model. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088997.	4.0	6
46	Dependence of MJO Predictability on Convective Parameterizations. <i>Journal of Climate</i> , 2020, 33, 4739-4750.	3.2	6
47	Multi-week prediction of South-East Asia rainfall variability during boreal summer in CFSv2. <i>Climate Dynamics</i> , 2015, 45, 493-509.	3.8	5
48	Climate Process Team: Improvement of Ocean Component of NOAA Climate Forecast System Relevant to Madden–Julian Oscillation Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002658.	3.8	3
49	Roles of TAO/TRITON and Argo in tropical Pacific observing system: An OSSE study for multiple time scale variability. <i>Journal of Climate</i> , 2021, , 1-56.	3.2	1