

# Nikki C Privã

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

509  
citations

840119

11  
h-index

676716

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monsoon Dynamics with Interactive Forcing. Part I: Axisymmetric Studies. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 1417-1430.	0.6	132
2	Development and validation of observing system simulation experiments at NASA's Global Modeling and Assimilation Office. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 1162-1178.	1.0	86
3	Monsoon Dynamics with Interactive Forcing. Part II: Impact of Eddies and Asymmetric Geometries. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 1431-1442.	0.6	77
4	Validation of the forecast skill of the Global Modeling and Assimilation Office Observing System Simulation Experiment. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 1354-1363.	1.0	26
5	Comments on "Reanalyses and Observations: What's the Difference?" <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 2455-2459.	1.7	25
6	The role of model and initial condition error in numerical weather forecasting investigated with an observing system simulation experiment. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 65, 21740.	0.8	22
7	The influence of observation errors on analysis error and forecast skill investigated with an observing system simulation experiment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5332-5346.	1.2	19
8	An Observing System Simulation Experiment for the Unmanned Aircraft System Data Impact on Tropical Cyclone Track Forecasts. <i>Monthly Weather Review</i> , 2014, 142, 4357-4363.	0.5	13
9	The Impact of Increased Frequency of Rawinsonde Observations on Forecast Skill Investigated with an Observing System Simulation Experiment. <i>Monthly Weather Review</i> , 2014, 142, 1823-1834.	0.5	12
10	An estimate of some analysis-error statistics using the Global Modeling and Assimilation Office observing-system simulation framework. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 1005-1012.	1.0	12
11	Observing System Simulation Experiments Investigating Atmospheric Motion Vectors and Radiances from a Constellation of 4x5-1/4m Infrared Sounders. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021, 38, 331-347.	0.5	12
12	An apparatus for screening fire suppression efficiency of dispersed liquid agents. <i>Fire Safety Journal</i> , 2001, 36, 55-72.	1.4	11
13	Use of an OSSE to evaluate background error covariances estimated by the NMC method. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 611-618.	1.0	11
14	Evaluation of the Earth Systems Research Laboratory's global Observing System Simulation Experiment system. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 65, 19011.	0.8	9
15	Uncertainty of Observation Impact Estimation in an Adjoint Model Investigated with an Observing System Simulation Experiment. <i>Monthly Weather Review</i> , 2019, 147, 3191-3204.	0.5	9
16	Evaluation of adjoint-based observation impacts as a function of forecast length using an Observing System Simulation Experiment. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 121-138.	1.0	8
17	Simulation of Atmospheric Motion Vectors for an Observing System Simulation Experiment. <i>Journal of Atmospheric and Oceanic Technology</i> , 2020, 37, 489-505.	0.5	7
18	Temporal and Spatial Interpolation Errors of High-Resolution Modeled Atmospheric Fields. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 303-311.	0.5	6

#	ARTICLE	IF	CITATIONS
19	The importance of simulated errors in observing system simulation experiments. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 73, 1886795.	0.8	5
20	Spectral analysis of forecast error investigated with an observing system simulation experiment. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 67, 25977.	0.8	4
21	Investigation of the Potential Saturation of Information from Global Navigation Satellite System Radio Occultation Observations with an Observing System Simulation Experiment. Monthly Weather Review, 2022, 150, 1293-1316.	0.5	2
22	Comment on "Use of Observing System Simulation Experiments in the United States". Bulletin of the American Meteorological Society, 2021, 102, E80-E83.	1.7	1