

Nikki C Priv

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

387
citations

9
h-index

19
g-index

22
ext. papers

441
ext. citations

3.5
avg, IF

3.7
L-index

#	Paper	IF	Citations
21	Monsoon Dynamics with Interactive Forcing. Part I: Axisymmetric Studies. <i>Journals of the Atmospheric Sciences</i> , 2007 , 64, 1417-1430	2.1	116
20	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	6.4	70
19	Monsoon Dynamics with Interactive Forcing. Part II: Impact of Eddies and Asymmetric Geometries. <i>Journals of the Atmospheric Sciences</i> , 2007 , 64, 1431-1442	2.1	67
18	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	6.4	20
17	Comments on Reanalyses and Observations: What's the Difference? <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 2455-2459	6.1	17
16	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	4.4	13
15	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	2.4	11
14	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	2.4	10
13	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	6.4	10
12	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> , 2013 , 65, 21740	2	9
11	An apparatus for screening fire suppression efficiency of dispersed liquid agents. <i>Fire Safety Journal</i> , 2001 , 36, 55-72	3.3	9
10	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	6.4	8
9	Evaluation of the Earth Systems Research Laboratory's global Observing System Simulation Experiment system. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2013 , 65, 19011	2	7
8	Temporal and Spatial Interpolation Errors of High-Resolution Modeled Atmospheric Fields. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016 , 33, 303-311	2	6
7	Observing System Simulation Experiments Investigating Atmospheric Motion Vectors and Radiances from a Constellation of 4B- μ m Infrared Sounders. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021 , 38, 331-347	2	4
6	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	2.4	3
5	Spectral analysis of forecast error investigated with an observing system simulation experiment. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2015 , 67, 25977	2	2

4	Simulation of Atmospheric Motion Vectors for an Observing System Simulation Experiment. <i>Journal of Atmospheric and Oceanic Technology</i> , 2020 , 37, 489-505	2	2
3	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	6.4	2
2	The importance of simulated errors in observing system simulation experiments. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2021 , 73, 1-17	2	1
1	Comment on "Use of Observing System Simulation Experiments in the United States" <i>Bulletin of the American Meteorological Society</i> , 2021 , 102, E80-E83	6.1	