

Ricardo Todling

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

8,972
citations

1039880

9
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

11697
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between two methods for estimating uncertainties in data assimilation. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 2942-2954.	1.0	3
2	Evaluation of adjoint-based observation impacts as a function of forecast length using an Observing System Simulation Experiment. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 121-138.	1.0	8
3	Assessing the impact of observations in a multi-year reanalysis. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 724-747.	1.0	11
4	A Brief Assessment of the Impact of Nearly 40 Years of Assimilated Observations Over the Amazon Basin. Earth and Space Science, 2020, 7, e2019EA000779.	1.1	2
5	The Modern-Era Retrospective Analysis for Research and Applications, Version 2 (MERRA-2). Journal of Climate, 2017, 30, 5419-5454.	1.2	4,520
6	Maintaining atmospheric mass and water balance in reanalyses. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 1565-1573.	1.0	58
7	Preconditioning of variational data assimilation and the use of a bi-conjugate gradient method. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 731-741.	1.0	16
8	Comparing Two Approaches for Assessing Observation Impact. Monthly Weather Review, 2013, 141, 1484-1505.	0.5	21
9	Development and validation of observing system simulation experiments at NASA's Global Modeling and Assimilation Office. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 1162-1178.	1.0	86
10	MERRA: NASA's Modern-Era Retrospective Analysis for Research and Applications. Journal of Climate, 2011, 24, 3624-3648.	1.2	4,118
11	The THORPEX Observation Impact Intercomparison Experiment. Monthly Weather Review, 2010, 138, 4009-4025.	0.5	104
12	Adjoint Estimation of the Variation in Model Functional Output due to the Assimilation of Data. Monthly Weather Review, 2009, 137, 1705-1716.	0.5	25