Ricardo Todling

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2338880/publications.pdf

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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 Modern-Era Retrospective Analysis for Research and Applications, Version 2 (MERRA-2). Journal of Climate, 2017, 30, 5419-5454.	1.2	4,520
2	MERRA: NASAâ€™s Modern-Era Retrospective Analysis for Research and Applications. Journal of Climate, 2011, 24, 3624-3648.	1.2	4,118
3	The THORPEX Observation Impact Intercomparison Experiment. Monthly Weather Review, 2010, 138, 4009-4025.	0.5	104
4	Development and validation of observingâ€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
5	Maintaining atmospheric mass and water balance in reanalyses. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 1565-1573.	1.0	58
6	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
7	Comparing Two Approaches for Assessing Observation Impact. Monthly Weather Review, 2013, 141, 1484-1505.	0.5	21
8	Preconditioning of variational data assimilation and the use of a biâ€conjugate gradient method. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 731-741.	1.0	16
9	Assessing the impact of observations in a multiâ€year reanalysis. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 724-747.	1.0	11
10	Evaluation of adjointâ€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
11	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
12	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