

Andrew C Lorenc

List of Publications by Year in descending order

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11
papers

1,874
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of hybrid variational data assimilation methods for global NWP. Quarterly Journal of the Royal Meteorological Society, 2018, 144, 2748-2760.	2.7	27
2	Computing an ensemble of variational data assimilations using its mean and perturbations. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 798-805.	2.7	12
3	Improving ensemble covariances in hybrid variational data assimilation without increasing ensemble size. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 1062-1072.	2.7	28
4	Ensemble Variational Integrated Localized Data Assimilation. Monthly Weather Review, 2016, 144, 3677-3696.	1.4	19
5	Comparison of Hybrid-4D-EnVar and Hybrid-4D-Var Data Assimilation Methods for Global NWP. Monthly Weather Review, 2015, 143, 212-229.	1.4	157
6	4D-Var and the butterfly effect: Statistical four-dimensional data assimilation for a wide range of scales. Quarterly Journal of the Royal Meteorological Society, 2007, 133, 607-614.	2.7	49
7	Why does 4D-Var beat 3D-Var?. Quarterly Journal of the Royal Meteorological Society, 2005, 131, 3247-3257.	2.7	111
8	Modelling of error covariances by 4D-Var data assimilation. Quarterly Journal of the Royal Meteorological Society, 2003, 129, 3167-3182.	2.7	121
9	The potential of the ensemble Kalman filter for NWP—a comparison with 4D-Var. Quarterly Journal of the Royal Meteorological Society, 2003, 129, 3183-3203.	2.7	555
10	Unified Notation for Data Assimilation : Operational, Sequential and Variational (gtSpecial Issue) Quarterly Journal of the Royal Meteorological Society of Japan, 1997, 75, 181-189.	1.8	701
11	Development of an Operational Variational Assimilation Scheme (gtSpecial Issue) Quarterly Journal of the Royal Meteorological Society, 1997, 75, 339-346.	1.8	94