Andrew C Lorenc

List of Publications by Year
in descending order

11	1,874	840776 11	1281871 11
papers	citations	h-index	g-index

11	11	11	1475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unified Notation for Data Assimilation : Operational, Sequential and Variational (gtSpecial IssueltData) Tj ETQq1 1 0.784314 rgBT /Overl Society of Japan, 1997, 75, 181-189.	1.8	701
2	The potential of the ensemble Kalman filter for NWPâ€"a comparison with 4D-Var. Quarterly Journal of the Royal Meteorological Society, 2003, 129, 3183-3203.	2.7	555
3	Comparison of Hybrid-4DEnVar and Hybrid-4DVar Data Assimilation Methods for Global NWP. Monthly Weather Review, 2015, 143, 212-229.	1.4	157
4	Modelling of error covariances by 4D-Var data assimilation. Quarterly Journal of the Royal Meteorological Society, 2003, 129, 3167-3182.	2.7	121
5	Why does 4D-Var beat 3D-Var?. Quarterly Journal of the Royal Meteorological Society, 2005, 131, 3247-3257.	2.7	111
6	Development of an Operational Variational Assimilation Scheme (gtSpecial IssueltData Assimilation in) Tj ETQq0 0 0 rgBT /Overlock 10 T 1997, 75, 339-346.	1.8	94
7	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
8	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
9	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
10	Ensembleâ€"Variational Integrated Localized Data Assimilation. Monthly Weather Review, 2016, 144, 3677-3696.	1.4	19
11	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