

Lili Lei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9557093/publications.pdf>

Version: 2024-02-01

27
papers

502
citations

687363

13
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid nudging-ensemble Kalman filter approach to data assimilation. Part I: application in the Lorenz system. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 64, 18484.	1.7	14
2	A hybrid nudging-ensemble Kalman filter approach to data assimilation. Part II: application in a shallow-water model. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 64, 18485.	1.7	12
3	An Analog Offline EnKF for Paleoclimate Data Assimilation. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	4
4	Assessment of the Meteorological Impact on Improved PM _{2.5} Air Quality Over North China During 2016–2019 Based on a Regional Joint Atmospheric Composition Reanalysis Data Set. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034382.	3.3	10
5	Integrated Hybrid Data Assimilation for an Ensemble Kalman Filter. Monthly Weather Review, 2021, 149, 4091-4105.	1.4	8
6	An evaluation and improvement of tropical cyclone prediction in the western North Pacific basin from global ensemble forecasts. Science China Earth Sciences, 2020, 63, 12-26.	5.2	8
7	Impacts of Assimilation Frequency on Ensemble Kalman Filter Data Assimilation and Imbalances. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002187.	3.8	14
8	Impact of Assimilating Meteorological Observations on Source Emissions Estimate and Chemical Simulations. Geophysical Research Letters, 2020, 47, e2020GL089030.	4.0	8
9	Adaptive Localization for Satellite Radiance Observations in an Ensemble Kalman Filter. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001693.	3.8	7
10	Commentary: On the Efficiency of Covariance Localisation of the Ensemble Kalman Filter Using Augmented Ensembles. Frontiers in Applied Mathematics and Statistics, 2020, 6, .	1.3	1
11	Adaptive Localization for Tropical Cyclones With Satellite Radiances in an Ensemble Kalman Filter. Frontiers in Earth Science, 2020, 8, .	1.8	7
12	Multivariate Ensemble Sensitivity Analysis for Super Typhoon Haiyan (2013). Monthly Weather Review, 2019, 147, 3467-3480.	1.4	7
13	Evaluating the Impact of Emissions Regulations on the Emissions Reduction During the 2015 China Victory Day Parade With an Ensemble Square Root Filter. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4122-4134.	3.3	14
14	Improving Assimilation of Radiance Observations by Implementing Model Space Localization in an Ensemble Kalman Filter. Journal of Advances in Modeling Earth Systems, 2018, 10, 3221-3232.	3.8	40
15	The impact of multi-species surface chemical observation assimilation on air quality forecasts in China. Atmospheric Chemistry and Physics, 2018, 18, 17387-17404.	4.9	51
16	Evaluating the trade-offs between ensemble size and ensemble resolution in an ensemble variational data assimilation system. Journal of Advances in Modeling Earth Systems, 2017, 9, 781-789.	3.8	21
17	Gain Form of the Ensemble Transform Kalman Filter and Its Relevance to Satellite Data Assimilation with Model Space Ensemble Covariance Localization. Monthly Weather Review, 2017, 145, 4575-4592.	1.4	29
18	Localizing the impact of satellite radiance observations using a global group ensemble filter. Journal of Advances in Modeling Earth Systems, 2016, 8, 719-734.	3.8	16

#	ARTICLE	IF	CITATIONS
19	A Four-Dimensional Incremental Analysis Update for the Ensemble Kalman Filter. <i>Monthly Weather Review</i> , 2016, 144, 2605-2621.	1.4	33
20	Empirical Localization Functions for Ensemble Kalman Filter Data Assimilation in Regions with and without Precipitation. <i>Monthly Weather Review</i> , 2015, 143, 3664-3679.	1.4	20
21	Multivariate Ensemble Sensitivity with Localization. <i>Monthly Weather Review</i> , 2015, 143, 2013-2027.	1.4	13
22	Model Space Localization Is Not Always Better Than Observation Space Localization for Assimilation of Satellite Radiances. <i>Monthly Weather Review</i> , 2015, 143, 3948-3955.	1.4	21
23	Empirical Localization of Observations for Serial Ensemble Kalman Filter Data Assimilation in an Atmospheric General Circulation Model. <i>Monthly Weather Review</i> , 2014, 142, 1835-1851.	1.4	20
24	Impacts of Frequent Assimilation of Surface Pressure Observations on Atmospheric Analyses. <i>Monthly Weather Review</i> , 2014, 142, 4477-4483.	1.4	10
25	Comparisons of Empirical Localization Techniques for Serial Ensemble Kalman Filters in a Simple Atmospheric General Circulation Model. <i>Monthly Weather Review</i> , 2014, 142, 739-754.	1.4	28
26	Empirical Localization of Observation Impact in Ensemble Kalman Filters. <i>Monthly Weather Review</i> , 2013, 141, 4140-4153.	1.4	56
27	A hybrid nudging–ensemble Kalman filter approach to data assimilation in WRF/DART. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2012, 138, 2066-2078.	2.7	30