

Zhen Peng

List of Publications by Year in descending order

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11
papers

224
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving PM _{2.5} forecast over China by the joint adjustment of initial conditions and source emissions with an ensemble Kalman filter. Atmospheric Chemistry and Physics, 2017, 17, 4837-4855.	4.9	68
2	Gustiness and coherent structure of strong winds and their role in dust emission and entrainment. Advances in Atmospheric Sciences, 2010, 27, 1-13.	4.3	51
3	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
4	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
5	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
6	Development of CMAQ for East Asia CO ₂ data assimilation under an EnKF framework: a first result. Science Bulletin, 2014, 59, 3200-3208.	1.7	8
7	Impact of Assimilating Meteorological Observations on Source Emissions Estimate and Chemical Simulations. Geophysical Research Letters, 2020, 47, e2020GL089030.	4.0	8
8	Accounting for CO ₂ variability over East Asia with a regional joint inversion system and its preliminary evaluation. Journal of Meteorological Research, 2017, 31, 834-851.	2.4	6
9	Measurement errors and correction of the UAT-2 ultrasonic anemometer. Science China Technological Sciences, 2015, 58, 677-686.	4.0	3
10	Observed Surface Drag Coefficient Under High Wind Speed Conditions and the Relationship With Coherent Structures. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	3
11	Evaluating the Role of the EOF Analysis in 4D-EnVar Methods. Atmosphere, 2017, 8, 146.	2.3	2