

# Zhen Peng

## List of Publications by Year in descending order

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11  
papers

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citations

1307594

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h-index

1281871

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g-index

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11  
docs citations

11  
times ranked

244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observed Surface Drag Coefficient Under High Wind Speed Conditions and the Relationship With Coherent Structures. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	3
2	Assessment of the Meteorological Impact on Improved PM <sub>2.5</sub> Air Quality Over North China During 2016–2019 Based on a Regional Joint Atmospheric Composition Reanalysis Data Set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034382.	3.3	10
3	Impact of Assimilating Meteorological Observations on Source Emissions Estimate and Chemical Simulations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089030.	4.0	8
4	Evaluating the Impact of Emissions Regulations on the Emissions Reduction During the 2015 China Victory Day Parade With an Ensemble Square Root Filter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4122-4134.	3.3	14
5	The impact of multi-species surface chemical observation assimilation on air quality forecasts in China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17387-17404.	4.9	51
6	Accounting for CO <sub>2</sub> variability over East Asia with a regional joint inversion system and its preliminary evaluation. <i>Journal of Meteorological Research</i> , 2017, 31, 834-851.	2.4	6
7	Improving PM <sub>2.5</sub> forecast over China by the joint adjustment of initial conditions and source emissions with an ensemble Kalman filter. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4837-4855.	4.9	68
8	Evaluating the Role of the EOF Analysis in 4D-EnVar Methods. <i>Atmosphere</i> , 2017, 8, 146.	2.3	2
9	Measurement errors and correction of the UAT-2 ultrasonic anemometer. <i>Science China Technological Sciences</i> , 2015, 58, 677-686.	4.0	3
10	Development of CMAQ for East Asia CO <sub>2</sub> data assimilation under an EnKF framework: a first result. <i>Science Bulletin</i> , 2014, 59, 3200-3208.	1.7	8
11	Gustiness and coherent structure of strong winds and their role in dust emission and entrainment. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 1-13.	4.3	51