

Guoqing Ge

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

115
citations

1684188

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1588992

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9
docs citations

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118
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Diagnostic Pressure Equation as a Weak Constraint in a Storm-Scale Three-Dimensional Variational Radar Data Assimilation System. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 1075-1092. | 1.3 | 27 |
| 2 | Impacts of Beam Broadening and Earth Curvature on Storm-Scale 3D Variational Data Assimilation of Radial Velocity with Two Doppler Radars. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 617-636. | 1.3 | 22 |
| 3 | Impacts of Assimilating Measurements of Different State Variables with a Simulated Supercell Storm and Three-Dimensional Variational Method. <i>Monthly Weather Review</i> , 2013, 141, 2759-2777. | 1.4 | 22 |
| 4 | The Impact of Mesoscale Environmental Uncertainty on the Prediction of a Tornadoic Supercell Storm Using Ensemble Data Assimilation Approach. <i>Advances in Meteorology</i> , 2013, 2013, 1-15. | 1.6 | 21 |
| 5 | Incorporating Diagnosed Intercept Parameters and the Graupel Category within the ARPS Cloud Analysis System for the Initialization of Double-Moment Microphysics: Testing with a Squall Line over South China. <i>Monthly Weather Review</i> , 2016, 144, 371-392. | 1.4 | 17 |
| 6 | The Influence of Aerosols on Satellite Infrared Radiance Simulations and Jacobians: Numerical Experiments of CRTM and GSI. <i>Remote Sensing</i> , 2022, 14, 683. | 4.0 | 2 |
| 7 | The Aerosol Module in the Community Radiative Transfer Model (v2.2 and v2.3): accounting for aerosol transmittance effects on the radiance observation operator. <i>Geoscientific Model Development</i> , 2022, 15, 1317-1329. | 3.6 | 2 |
| 8 | Impact of a Diagnostic Pressure Equation Constraint on Tornadoic Supercell Thunderstorm Forecasts Initialized Using 3DVAR Radar Data Assimilation. <i>Advances in Meteorology</i> , 2013, 2013, 1-12. | 1.6 | 1 |