

Publications

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- 2021 **Ariadne-Report: Deutschland auf dem Weg zur Klimaneutralität - 2045 Szenarien und Pfade im Modellvergleich**
Luderer, G., Kost, C., Sörgel, D. et al.
DOI: 10.48485/pik.2021.006
- 2021 **On the size dependence of cumulus cloud spacing**
Thirza W. van Laar and Roel A.J. Neggers
DOI: 10.1002/essoar.10506509.1
- 2020 **The Added Value of Large-eddy and Storm-resolving Models for Simulating Clouds and Precipitation**
Stevens, B., Acquistapace A., Hansen A. et al.
DOI: 10.2151/jmsj.2020-021
- 2019 **Investigating the Diurnal Evolution of the Cloud Size Distribution of Continental Cumulus Convection Using Multiday LES**
Thirza W. van Laar, Vera Schemann and Roel A.J. Neggers
DOI: 10.1175/jas-d-18-0084.1
- 2018 **Topological characterization of shallow cumulus cloud fields using persistent homology**
José Luis Licón-Saláiz, Henri Riihimäki and Thirza W. van Laar
- 2017 **Large-eddy simulations over Germany using ICON: a comprehensive evaluation**
Heinze R., Dipankar A., Carbajal Henken C. et al.
DOI: 10.1002/qj.2947
- 2012 **Study of the diurnal variability of atmospheric chemistry with respect to boundary layer dynamics during DOMINO**
van Stratum B. J. H., Vila-Guerau de Arellano J., Ouwersloot H. G. et al.
DOI: 10.5194/acpd-12-6519-2012