

# Gesamtliste Publikationen des IAU 2014-2021

Stand: 10. März 2021

## 2021

- [1] Jaqueline Druecke, Michael Borsche, Paul James, Frank Kaspar, Uwe Pfeifroth, Bodo Ahrens, and Joerg Trentmann. Climatological analysis of solar and wind energy in Germany using the Grosswetterlagen classification. *RENEWABLE ENERGY*, 164:1254–1266, FEB 2021.
- [2] Christopher Purr, Erwan Brisson, and Bodo Ahrens. Convective rain cell characteristics and scaling in climate projections for Germany. *INTERNATIONAL JOURNAL OF CLIMATOLOGY*.
- [3] Georg S. Voelker, T. R. Akylas, and Ulrich Achatz. An application of WKBJ theory for triad interactions of internal gravity waves in varying background flows. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY*.
- [4] Stefan K. Weber, Giovanna Lehmann Miotto, Joao Almeida, Pascal Herve Blanc, Antonio Dias, Giulio Malaguti, Hanna E. Manninen, Joschka Pfeifer, Sylvain Ravat, Antti Onnela, Serge Mathot, Jasper Kirkby, Antonio Tome, and Antonio Amorim. Data Acquisition System of the CLOUD Experiment at CERN. *IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT*, 70, 2021.

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- [6] Manuel Baumgartner, Ralf Weigel, Allan H. Harvey, Felix Ploeger, Ulrich Achatz, and Peter Spichtinger. Reappraising the appropriate calculation of a common meteorological quantity: potential temperature. *ATMOSPHERIC CHEMISTRY AND PHYSICS*, 20(24):15585–15616, DEC 15 2020.

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- [8] Tom Claxton, Ryan Hossaini, Chris Wilson, Stephen A. Montzka, Martyn P. Chipperfield, Oliver Wild, Ewa M. Bednarz, Lucy J. Carpenter, Stephen J. Andrews, Sina C. Hackenberg, Jens Muhle, David Oram, Sunyoung Park, Mi-Kyung Park, Elliot Atlas, Maria Navarro, Sue Schauffler, David Sherry, Martin Vollmer, Tanja Schuck, Andreas Engel, Paul B. Krummel, Michela Maione, Jgor Arduini, Takuya Saito, Yoko Yokouchi, Simon O’Doherty, Dickon Young, and Chris Lunder. A Synthesis Inversion to Constrain Global Emissions of Two Very Short Lived Chlorocarbons: Dichloromethane, and Perchloroethylene. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES*, 125(12), JUN 27 2020.
- [9] Philippe Drobinski, Nicolas Da Silva, Sophie Bastin, Sylvain Mailler, Caroline Muller, Bodo Ahrens, Ole B. Christensen, and Piero Lionello. How warmer and drier will the Mediterranean region be at the end of the twenty-first century? *REGIONAL ENVIRONMENTAL CHANGE*, 20(3), JUN 24 2020.
- [10] Gesa K. Eirund, Anna Possner, and Ulrike Lohmann. The Impact of Warm and Moist Airmass Perturbations on Arctic Mixed-Phase Strato-cumulus. *JOURNAL OF CLIMATE*, 33(22):9615–9628, NOV 15 2020.
- [11] Wenmu Guo, Jinxiao Li, Zhenzhen Wang, Ke Zhang, Zheng Gao, Jialiang Ma, and Cunliang Zhao. Mineralogical Characteristics of Early Permian Paragonite-Bearing Coal (No. 3) in the Jinyuan Mine, Teng-xian Coalfield, Shandong Province, Eastern China. *MINERALS*, 10(8), AUG 2020.
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