

List of Publications, Theses, and Data sets (2007–2023)

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Atmospheric and Earth System Research with the Research Aircraft HALO (High Altitude and Long Range Research Aircraft)



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Scientific Journal–Publications in Review or Submitted

- Fiehn, A., Eckl, M., Kostinek, J., Gałkowski, M., Gerbig, C., Rothe, M., Röckmann, T., Menoud, M., Maazallahi, H., Schmidt, M., Korbeń, P., Nečki, J., Stanisavljević, M., Swolkień, J., Fix, A., and Roiger, A.: Source attribution of methane emissions from the Upper Silesian Coal Basin, Poland, using isotopic signatures, *EGUsphere*, 2023, 1–23, <https://doi.org/10.5194/egusphere-2023-1217>, in review, SPP 1294 will be added, 2023.
- Volkmer, L., Pörtge, V., Jakub, F., and Mayer, B.: Model-based evaluation of cloud geometry and droplet size retrievals from 2-D polarized measurements of specMACS, *Atmos. Meas. Tech.*, submitted, 2023.
- Walbröl, A., Michaelis, J., Becker, S., Dorff, H., Gorodetskaya, I., Kirbus, B., Lauer, M., Maherndl, N., Maturilli, M., Mayer, J., Müller, H., Neggers, R. A. J., Paulus, F. M., Röttenbacher, J., Rückert, J. E., Schirmacher, I., Slättberg, N., Ehrlich, A., Wendisch, M., and Crewell, S.: Environmental conditions in the North Atlantic sector of the Arctic during the HALO–(AC)³ campaign, *EGUsphere*, 2023, 1–48, <https://doi.org/10.5194/egusphere-2023-668>, in review, 2023.
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Peer–Reviewed and Accepted Scientific Journal–Publications

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