

Publications

Refereed Journals:

1. **Gröbner, J.**, Kröger, I., Egli, L., Hülsen, G., Riechelmann, S., and Sperfeld, P.: The high-resolution extraterrestrial solar spectrum (QASUMEFTS) determined from ground-based solar irradiance measurements, *Atmos. Meas. Tech.*, 10, 3375-3383, <https://doi.org/10.5194/amt-10-3375-2017>, 2017
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3. Nyeki, S., Wacker, S., **Gröbner, J.**, Finsterle, W., and Wild, M.: Revising shortwave and longwave radiation archives in view of possible revisions of the WSG and WISG reference scales: methods and implications, *Atmos. Meas. Tech.*, 10, 3057-3071, <https://doi.org/10.5194/amt-10-3057-2017>, 2017.
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5. Zerefos, C. S., Eleftheratos, K., Kapsomenakis, J., Solomos, S., Inness, A., Balis, D., Redondas, A., Eskes, H., Allaart, M., Amiridis, V., Dahlback, A., De Bock, V., Diémoz, H., Engelmann, R., Eriksen, P., Fioletov, V., **Gröbner, J.**, Heikkilä, A., Petropavlovskikh, I., Jaroslowski, J., Josefsson, W., Karppinen, T., Köhler, U., Meleti, C., Repapis, C., Rimmer, J., Savinykh, V., Shiroto, V., Siani, A. M., Smedley, A. R. D., Stanek, M., and Stübi, R.: Detecting volcanic sulfur dioxide plumes in the Northern Hemisphere using the Brewer spectrophotometers, other networks, and satellite observations, *Atmos. Chem. Phys.*, 17, 551-574, doi:10.5194/acp-17-551-2017, 2017.
6. Hülsen, G., **J. Gröbner**, S. Nevas, P. Sperfeld, L. Egli, G. Porrovecchio, and M. Smid, Traceability of solar UV measurements using the QASUME reference spectroradiometer, *Applied Optics*, 55, 26, 7265-7275, 2016.
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