Co - authorship

1. Liu, Y., Lu, K., Li, X., Dong, H., Tan, Z., Wang, H., Zou, Q., Wu, Y., Zeng, L., Hu, M., Min, K.E., **Kecorius, S**., Wiedensohler, A., and Zhang, Y., 2019. A Comprehensive Model Test of the HONO Sources Constrained to Field Measurements at Rural North China Plain. *Environmental science & technology*, *53*(7), pp.3517-3525.
2. Wendisch, M., Macke, A., Ehrlich, A., Lüpkes, C., Mech, M., Chechin, D., Dethloff, K., Velasco, C.B., Bozem, H., Brückner, M. Clemen, H.C., Crewell, S., , Donth, T., Dupuy, R., Ebell, K., Egerer, U., Engelmann, R., Engler, C., Eppers, O., Gehrmann, M., Gong, X., Gottschalk, M., Gourbeyre, C., Gri esche, H., Hartmann, J., Hartmann, M., Heinold, B., Herber, A., Herrmann, H., Heygster, G., Hoor, P., Jafariserajehlou, S., Jäkel, E., Järvinen, E., Jourdan, O., Kästner, U., **Kecorius, S**., Knudsen, E., Köllner, F., Kretzschmar, J., Lelli, L., Leroy, D., Maturilli, M., Mei, L., Mertes, S., Mioche, G., Neuber, R., Nicolaus, M., Nomokonova, T., Notholt, J., Palm, M., van Pinxteren, M., Quaas, J., Richter, P., Ruiz-Donoso, E., Schäfer, M., Schmieder, K., Schnaiter, M., Schneider, J., Schwarzenböck, A., Seifert, P., Shupe, M., Siebert, H., Spreen, G., Stapf, J., Stratmann, F., Vogl, T., Welti, A., Wex, H., Wiedensohler, A., Zanatta, M., and Zeppenfeld, S., 2019. The Arctic Cloud Puzzle: Using ACLOUD/PASCAL Multiplatform Observations to Unravel the Role of Clouds and Aerosol Particles in Arctic Amplification. *Bulletin of the American Meteorological Society*, *100*(5), pp.841-871.
3. Alas, H.D., Müller, T., Birmili, W., **Kecorius, S**., Cambaliza, M.O., Simpas, J.B.B., Cayetano, M., Weinhold, K., Vallar, E., Galvez, M.C. and Wiedensohler, A., 2018. Spatial characterization of black carbon mass concentration in the atmosphere of a Southeast Asian megacity: An air quality case study for Metro Manila, Philippines. *Aerosol and Air Quality Research*, *18*(9), pp.2301-2317+.
4. Tham, Y.J., Wang, Z., Li, Q., Wang, W., Wang, X., Lu, K., Ma, N., Yan, C., **Kecorius, S**., Wiedensohler, A. and Zhang, Y., 2018. Heterogeneous N2O5 uptake coefficient and production yield of ClNO 2 in polluted northern China: roles of aerosol water content and chemical composition. *Atmospheric Chemistry and Physics*, *18*(17), pp.13155-13171.
5. Zhao, J., Weinhold, K., Merkel, M., **Kecorius, S**., Schmidt, A., Schlecht, S., Tuch, T., Wehner, B., Birmili, W. and Wiedensohler, A., 2018. Concept of high quality simultaneous measurements of the indoor and outdoor aerosol to determine the exposure to fine and ultrafine particles in private homes. *Gefahrst. Reinhalt. L*, *3*, pp.73-78.
6. Zhang, Y., Su, H., Ma, N., Li, G., **Kecorius, S**., Wang, Z., Hu, M., Zhu, T., He, K., Wiedensohler, A. and Zhang, Q., 2018. Sizing of Ambient Particles From a Single-Particle Soot Photometer Measurement to Retrieve Mixing State of Black Carbon at a Regional Site of the North China Plain. *Journal of Geophysical Research: Atmospheres*, *123*(22), pp.12-778.
7. Plauškaitė, K., Špirkauskaitė, N., Byčenkienė, S., **Kecorius, S**., Jasinevičienė, D., Petelski, T., Zielinski, T., Andriejauskienė, J., Barisevičiūtė, R., Garbaras, A. and Makuch, P., 2017. Characterization of aerosol particles over the southern and South-Eastern Baltic Sea. *Marine Chemistry*, *190*, pp.13-27.
8. Teich, M., Pinxteren, D.V., Wang, M., **Kecorius, S**., Wang, Z., Müller, T., Močnik, G. and Herrmann, H., 2017. Contributions of nitrated aromatic compounds to the light absorption of water-soluble and particulate brown carbon in different atmospheric environments in Germany and China. *Atmospheric Chemistry and Physics*, *17*(3), pp.1653-1672.
9. Wu, Z.J., Ma, N., Größ, J., **Kecorius, S**., Lu, K.D., Shang, D.J., Wang, Y., Wu, Y.S., Zeng, L.M., Hu, M. and Wiedensohler, A., 2017. Thermodynamic properties of nanoparticles during new particle formation events in the atmosphere of North China Plain. *Atmospheric research*, *188*, pp.55-63.
10. Zhang, Y., Su, H., **Kecorius, S**., Wang, Z., Hu, M., Zhu, T., He, K., Wiedensohler, A., Zhang, Q. and Cheng, Y., 2017. Mixing state of refractory black carbon of the North China Plain regional aerosol combining a single particle soot photometer and a volatility tandem differential mobility analyzer. *Atmos. Chem. Phys.*, pp.1-27.
11. Ma, N., Zhao, C., Tao, J., Wu, Z., **Kecorius, S**., Wang, Z., Größ, J., Liu, H., Bian, Y., Kuang, Y. and Teich, M., 2016. Variation of CCN activity during new particle formation events in the North China Plain. *Atmospheric Chemistry and Physics*, *16*(13), pp.8593-8607.
12. Teich, M., van Pinxteren, D., **Kecorius, S**., Wang, Z. and Herrmann, H., 2016. First quantification of imidazoles in ambient aerosol particles: potential photosensitizers, brown carbon constituents, and hazardous components. *Environmental science & technology*, *50*(3), pp.1166-1173.
13. Zhang, S.L., Ma, N., **Kecorius, S**., Wang, P.C., Hu, M., Wang, Z.B., Größ, J., Wu, Z.J. and Wiedensohler, A., 2016. Mixing state of atmospheric particles over the North China Plain. *Atmospheric environment*, *125*, pp.152-164.
14. Zhang, Y., Zhang, Q., Cheng, Y., Su, H., **Kecorius, S**., Wang, Z., Wu, Z., Hu, M., Zhu, T., Wiedensohler, A. and He, K., 2016. Measuring the morphology and density of internally mixed black carbon with SP2 and VTDMA: new insight into the absorption enhancement of black carbon in the atmosphere. *Atmospheric Measurement Techniques*, *9*(4), pp.1833-1843.
15. Byčenkienė, S., Ulevicius, V. and **Kecorius, S**., 2011. Characteristics of black carbon aerosol mass concentration over the East Baltic region from two-year measurements. *Journal of Environmental Monitoring*, *13*(4), pp.1027-1038.
16. Ulevicius, V., Byčenkienė, S., Remeikis, V., Garbaras, A., **Kecorius, S**., Andriejauskienė, J., Jasinevičienė, D. and Mocnik, G., 2010. Characterization of pollution events in the East Baltic region affected by regional biomass fire emissions. *Atmospheric Research*, *98*(2-4), pp.190-200.
17. Ulevičius, V., Byčenkienė, S., Špirkauskaitė, N. and **Kecorius, S**., 2010. Biomass burning impact on black carbon aerosol mass concentration at a coastal site: case studies. *Lithuanian Journal of Physics*, *50*(3).