

Characterizing atmospheric humidity in Eastern Europe during the last two decades by using GNSS-derived integrated water vapour

Post, Piia; **Rannat, Kalev; Keernik, Hannes** [EUREF2019 abstracts] 2019 / p. [47] <http://www.maaamet.ee/euref2019/EUREF2019-Abstracts.pdf>

Column water vapour : an intertechnique comparison of estimation methods in Estonia

Keernik, Hannes; Ohvril, Hanno; Jakobson, Erko; **Rannat, Kalev; Luhamaa, Andres** Proceedings of the Estonian Academy of Sciences 2014 / p. 37-47 : ill https://artiklid.elnet.ee/record=b2665209*est <https://doi.org/10.3176/proc.2014.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

European aerosol phenomenology – 8 : harmonised source apportionment of organic aerosol using 22 year-long ACSM/AMS datasets

Chen, Gang; Canonaco, Francesco; Tobler, Anna; Aas, Wenche; Alastuey, Andres; Allan, James; Atabakhsh, Samira; Aurela, Minna; Baltensperger, Urs; **Keernik, Hannes** Environment international 2022 / 18 p. : ill <https://doi.org/10.1016/j.envint.2022.107325> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intercomparison and characterization of 23 Aethalometers under laboratory and ambient air conditions : procedures and unit-to-unit variabilities

Cuesta-Mosquera, Andrea; Močnik, Griša; Drinovec, Luka; Müller, Thomas; Cruz Minguillon, Maria; Briel, Björn; Buckley, Paul; Dudoitis, Vadimas; **Keernik, Hannes** Atmospheric measurement techniques 2021 / p. 3195-3216 <https://doi.org/10.5194/amt-14-3195-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The novel Copernicus Global dataset of atmospheric total water vapour content with related uncertainties from GNSS observations

Rannat, Kalev; Keernik, Hannes; Madonna, Fabio Remote Sensing 2023 / art. 5150 <https://doi.org/10.3390/rs15215150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the Kalman smoother interpolation error distribution in collocation comparison of atmospheric profiles

Fassò, Alessandro; **Keernik, Hannes; Rannat, Kalev** Axioms 2023 / 16 p. <https://doi.org/10.3390/axioms12100902>

Rolling vs. seasonal PMF : real-world multi-site and synthetic dataset comparison

Via, Marta; Chen, Gang; Canonaco, Francesco; Daellenbach, K. R.; Chazeau, Benjamin; Chebaicheb, Hasna; Jiang, J.; **Keernik, Hannes;** Lin, C.; Marchand, Nicolas Atmospheric measurement techniques 2022 / p. 5479-5495 <https://doi.org/10.5194/amt-15-5479-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea-effect snowfall case in the Baltic Sea region analysed by reanalysis, remote sensing data and convection-permitting mesoscale modelling

Rannat, Kalev; Keernik, Hannes; Olsson, Taru; Post, Piia; Perttula, Tuuli; Kivi, Rigel; Voormansik, Tanel Geophysica 2018 / p. 65–91 : ill http://www.geophysica.fi/pdf/geophysica_2018_53_olsson.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Source apportionment and modelling study of particulate matter from the key sources in Tartu

Maasikmets, Marek; Teinemaa, Erik; Keernik, Hannes; **Kupri, Hanna-Lii** 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 25 http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

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Keernik, Hannes; Ohvril, Hanno; Jakobson, Erko; **Rannat, Kalev;** Luhamaa, Andres Uurimusi Eesti kliimast = Studies on climate of Estonia 2011 / lk. 179-194 : ill