

List of Publications
Hannakaisa Lindqvist
27 April 2016

10 most significant publications:

Lindqvist, H., O'Dell, C. W., Basu, S., Boesch, H., Chevallier, F., Deutscher, N., Feng, L., Fisher, B., Hase, F., Inoue, M., Kivi, R., Morino, I., Palmer, P. I., Parker, R., Schneider, M., Sussmann, R., and Yoshida, Y.:
Does GOSAT capture the true seasonal cycle of carbon dioxide?
Atmos. Chem. Phys., 15, 13023–13040, 2015.

Kylling, A., Kahnert, M., Lindqvist, H., and Nousiainen, T.: Volcanic ash infrared signature: Realistic ash particle shapes compared to spherical ash particles,
Atmos. Meas. Tech., 7, 919–929, 2014.

Kahnert, M., Nousiainen, T., and Lindqvist, H.: Review: Model particles in atmospheric optics, J. Quant. Spectrosc. Radiat. Transfer, 146, 41–58, 2014.

Lindqvist, H., Jokinen, O., Kandler, K., Scheuvens, D., and Nousiainen, T.:
Single scattering by realistic, inhomogeneous mineral dust particles with stereogrammetric shapes, Atmos. Chem. Phys., 14, 143–157, 2014.

Nousiainen, T., Zubko, E., Lindqvist, H., Kahnert, M., and Tyynelä, J.:
Comparison of scattering by different nonspherical, wavelength-scale particles,
J. Quant. Spectrosc. Radiat. Transfer, 113, 2391–2405, 2012.

Lindqvist, H., Muinonen, K., Nousiainen, T., Um, J., McFarquhar, G. M., Haapanala, P., Makkonen, R., and Hakkarainen, H.: Ice-cloud particle habit classification using principal components, J. Geophys. Res., 117, D16206, 12 p., 2012.

Kahnert, M., Nousiainen, T., Lindqvist, H., and Ebert, M.: Optical properties of light absorbing carbon aggregates mixed with sulfate: assessment of different model geometries for climate forcing calculations, Optics Express, 20, 9, 10042–10058, 2012.

Muinonen, K., Tyynelä, J., Zubko, E., Lindqvist, H., Penttilä, A., and Videen, G.: Polarization of light backscattered by small particles, J. Quant. Spectrosc. Radiat. Transfer, 112, 2193–2212, 2011.

Lindqvist, H., Muinonen, K., and Nousiainen, T.: Light scattering by coated Gaussian and aggregate particles, J. Quant. Spectrosc. Radiat. Transfer, 110, 1398–1410, 2009.

Muinonen, K., Nousiainen, T., Lindqvist, H., Munoz, O., and Videen, G.: Light scattering by Gaussian particles with internal inclusions and roughened surfaces using ray optics, J. Quant. Spectrosc. Radiat. Transfer, 110, 1628–1639, 2009.