

**Ten selected publications relevant for this application by
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1. Kyrölä, E., M. Laine, V. Sofieva, J. Tamminen, S.-M. Päivärinta, S. Tukiainen, J. Zawodny, and L. Thomason. Combined SAGE II - GOMOS ozone profile data set for 1984–2011 and trend analysis of the vertical distribution of ozone, *Atmospheric Chemistry and Physics*, 13(21):10645–10658, 2013.
2. Mateshvili, N., D. Fussen, G. Mateshvili, I. Mateshvili, F. Vanhellemont, E. Kyrölä, S. Tukiainen, J. Kujanpää, C. Bingen, C. Robert, C. T´etard, and E. Dekemper, Nabro volcano aerosol in the stratosphere over Georgia, South Caucasus from ground-based spectrometry of twilight sky brightness. *Atmospheric Measurement Techniques*, 6. 2563-2576, 2013.
3. Kyrölä, E., J. Tamminen, V. Sofieva, J. L. Bertaux, A. Hauchecorne, F. Dalaudier, D. Fussen, F. Vanhellemont, O. Fanton D’Andon, G. Barrot, M. Guirlet, A. Mangin, L. Blanot, T. Fehr, L. Saavedra de Miguel, and R. Fraise. Retrieval of atmospheric parameters from GOMOS data. *Atmospheric Chemistry & Physics*, 10: 11881-11849, 2010
4. F. Vanhellemont, et al., Optical extinction by upper tropospheric/stratospheric aerosols and clouds: GOMOS observations for the period 2002-2008. *Atmospheric Chemistry & Physics*, 10:7997–8009, 2010.
5. Mateshvili, N., et al., Twilight sky brightness measurements as a useful tool for stratospheric aerosol investigations, *Journal of Geophysical Research*, Volume 110, D9, D09209, doi: 10.1029/2004JD005512, 2005.
6. Mäkinen, T., et al., Discovery of a comet by its Lyman- α emission, *Nature*, 405, 321-322, 2000.
7. Oikarinen, L., E. Sihvola, and E. Kyrölä, Multiple scattering radiance in limb-viewing geometry, *J. Geophys. Res.*, 104, 31261-31274, 2000.
8. Tamminen, J. and E. Kyrölä, Bayesian solution for nonlinear and non-gaussian inverse problem by MCMC method, *J. Geophys. Res.*, 106, D13, 14377-14390, 2001.
9. Brasken, M. and E. Kyrölä, Resonance scattering of Lyman alpha from interstellar hydrogen, *Astron. Astrophys.*, 332, 732-738, 1998.
10. Bertaux J. L., et al., SWAN: A study of solar wind anisotropies on SOHO with Lyman alpha sky mapping, *Solar Physics*, 162, 403-439, 1995.