

Scientific papers published in ISI journals:

1. Nemuc, A., Vasilescu, J., Talianu, C., Belegante, L., and Nicolae, D.: Assessment of aerosol's mass concentrations from measured linear particle depolarization ratio (vertically resolved) and simulations, *Atmos. Meas. Tech.*, 6, 3243-3255, doi:10.5194/amt-6-3243-2013, 2013.
2. S. Samaras, D. Nicolae, C. Bockmann, J. Vasilescu, I. Binietoglou, L. Labzovskii, F. Toanca, A. Papayannis, Using Raman-lidar-based regularized microphysical retrievals and Aerosol Mass Spectrometer measurements for the characterization of biomass burning aerosols, *J COMPUT PHYS*, vol. 299, pp. 156-174, 10.1016/j.jcp.2015.06.045, 2015
3. Jeni Vasilescu, Luminita Marmureanu, Anca Nemuc, Doina Nicolae, Camelia Talianu, Seasonal Variation Of The Aerosol Chemical Composition In A Romanian Peri-Urban Area, *Environmental Engineering and Management Journal*, http://omicron.ch.tuiasi.ro/EEMJ/pdfs/accepted/301_484_Vasilescu_12.pdf