

# Grupul de cercetare

## Chimia analitică a mediului

### Publicații

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3. Braure, T., Riffault, V., Tomas, A., Olariu, R.I., Arsene, C., Bedjanian, Y., Coddeville, P., Ozonolysis of a Series of Methylated Alkenes: Reaction Rate Coefficients and Gas-Phase Products, *Journal of Chemical Kinetics*, 47 (9), 596-605, 2015.
4. Sandu I., Olariu R.I., Sandu I.G., Stirbu C., Pascu C., Vasilache V., Vione D., Arsene C., Investigation of the dynamics and kinetics involved in saline aerosol generation under air erosion of pure and contaminated halide salts, *Journal of Aerosol Science*, 81, 100-109, 2015.
5. Olariu R.-I., Vione D., Grinberg N., Arsene C., Applications of liquid chromatographic techniques in the chemical characterization of atmospheric aerosols, *Journal of Liquid Chromatography and Related Technologies*, 38 (3), 322-348, 2015.
6. Alina-Giorgiana Negru, Cecilia Arsene, Ana-Maria Zbancio, Ionel I. Mangalagiu, Romeo Iulian Olariu, Physico-chemical Behaviour of Newly Synthesized Macrocyclic Compounds. A reality between expectations and experimental evidences, *Revista de Chimie*, 66(9), 1339-1342, 2015.
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9. Duncianu M., Olariu R.I., Riffault V., Visez N., Tomas A., Coddeville P. Development of a new flow reactor for kinetic studies. Application to the ozonolysis of a series of alkenes, *Journal of Physical Chemistry A*, 116, 6169-6179, **2012**.
10. Dirtu AC, Ali N, Van den Eede N, Neels H, Covaci A. Country specific comparison for profile of chlorinated, brominated and phosphate organic contaminants in indoor dust. Case study for Eastern Romania, 2010. *Environment International*, 49, 1-8, **2012**.
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