

### List of publication

1. Zaharie Moldovan, *Chromatography Today*, 12 (1), 45-49, (2019), Detection of molecular markers in aquatic sediments by ion profiles obtained by GC/MS
2. Zaharie Moldovan, Olivian Marincas, Igor Povar, Tudor Lupascu, Philipp Longree, Jelena Simovic Rota, Heinz Singer and Alfredo C. Alder, Environmental exposure of anthropogenic micropollutants in the Prut River at the Romanian-Moldavian border: a snapshot in the lower Danube river basin, *Environmental Science and Pollution Research* (2018) 25:31040–31050
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4. Z. Moldovan, I. Bratu, C. Marutoiu, Irina Kacso, Laura Trosan, Daniela Pop-Toader, Olivia Florena Nemes and C. Tanaselia, Characterization of an Eighteenth Century Wooden Icon from the Ethnographic Museum of Transylvania, accepted in *Analytical Letters*, 2016
5. Gabriella R. Schmutzer, Dana Alina Magdas, Zaharie Moldovan & Valentin Mirel, Characterization of the Flavor Profile of Orange Juice by Solid-Phase Microextraction and Gas Chromatography – Mass Spectrometry accepted in *Analytical Letters*, 2016, DOI:10.1080/00032719.2015.1131707
6. Gabriella Schmutzer, Alina Magdas, Leontin David & Zaharie Moldovan, *Analytical Letters* (2014, in Press, ID: 88669 DOI:10.1080/00032719.2014.886694), Determination of the Volatile Components of Apple Juice using Solid Phase Microextraction and Gas Chromatography - Mass Spectrometry
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9. Gabriella Schmutzer, Veronica Avram, Virginia Coman, L. David, Z. Moldovan, *Rev. Chim.* 63 (9), (2012), 855-859, Determination of Phenolic Compounds from Wine Samples by GC/MS System
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13. Marieta Muresan-Pop, Irina Kacso, Carmen Tripon, Z. Moldovan, Gh. Borodi, S. Simon and I. Bratu, *J Therm Anal Calorim* (2011) 104:299–306, DOI 10.1007/s10973-010-1171-4, Spectroscopic and structural study of the ambazone hydrochloride
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