

PUBBLICAZIONI 2014 – 2019

1. Street art graffiti: Discovering their composition and alteration by FTIR and micro-Raman spectroscopy, Adele Bosi, Alessandro Ciccola, Ilaria Serafini, Marcella Guiso, Francesca Ripanti, Paolo Postorino, Roberta Curini, Armandodorianio Bianco, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 225 (2020) 117474
2. Towards the identification of the lichen species in historical orchil dyes by HPLC-MS/MS. Elisa Cala, Marcello Benzi, Fabio Gosetti, Andrea Zanin, Monica Gulmini, Ambra Idone, Ilaria Serafini, Alessandro Ciccola, Roberta Curini, Isabella Whitworthe, Maurizio Aceto, *Microchemical Journal*, 150 (2019)104140
3. A low transition temperature mixture for the dispersive liquid-liquid microextraction of pesticides from surface waters, Pierpaolo Tomai, Anna Lippiello, Paola D'Angelo, Ingmar Persson, Andrea Martinelli, Valerio Di Lisio, Roberta Curini, Chiara Fanali, Alessandra Gentili, *Journal of Chromatography A*, 1605 (2019) 360329
4. Combination of pressurized liquid extraction with dispersive liquid liquid micro extraction for the determination of sixty drugs of abuse in hair, Flaminia Vincenti, Camilla Montesano, Luana Cellucci, Adolfo Gregori, Federico Fanti, Dario Compagnone, Roberta Curini, Manuel Sergi, *Journal of Chromatography A*, 1605 (2019) 360348.
5. Oxidized Buckypaper for Stir-Disc Solid Phase Extraction: Evaluation of Several Classes of Environmental Pollutants Recovered from Surface Water Samples, Pierpaolo Tomai, Andrea Martinelli, Stefano Morosetti, Roberta Curini, Salvatore Fanali and Alessandra Gentili, *Anal. Chem.* 2018, 90, 6827–6834
6. Screening and Assessment of Low-Molecular-Weight Biomarkers of Milk from Cow and Water Buffalo: An Alternative Approach for the Rapid Identification of Adulterated Water Buffalo Mozzarellas. Chiara Dal Bosco, Stefania Panero, Maria Assunta Navarra, Pierpaolo Tomai, Roberta Curini, and Alessandra Gentili, *J. Agric. Food Chem.* 2018, 66, 5410–5417
7. Analysis of new psychoactive substances in oral fluids by means of microextraction by packed sorbent followed by ultra-high-performance liquid chromatography-tandem mass spectrometry. Rocchi, Rachele, Simeoni, Maria Chiara, Montesano, Camilla, Vannutelli, Gabriele, Curini Roberta, Sergi, Manuel, Compagnone, Dario. *DRUG TESTING AND ANALYSIS* (2018),10 (5) 865-873.
8. Subcritical water extraction of thyreostats from bovine muscle followed by liquid chromatographytandem mass spectrometry, Silvia Rocchi, Fulvia Caretti, Lucia Mainero Rocca, Virginia Pérez-Fernández, Pierpaolo Tomai, Chiara Dal Bosco, Roberta Curini and Alessandra Gentili, *Food Additives & Contaminants: Part A*, 35:8, 1472-1483, DOI:10.1080/19440049.2018.1472393
9. Application of a rapid micro-SPE clean-up for multiclass quantitative analysis of sixteen new psychoactive substances in whole blood by LC-MS/MS. Montesano, Camilla; Vannutelli, Gabriele, Piccirilli, Valeria, Sergi, Manuel, Compagnone, Dario, Curini Roberta. *TALANTA* (2017)167, 260-267.
10. Determination of target fat-soluble micronutrients in rainbow trout's muscle and liver tissues by liquid chromatography with diode array-tandem mass spectrometry detection. Virginia Perez Fernandez, Salvatore Ventura, Pierpaolo Tomai, Roberta Curini, Alessandra Gentili, *Electrophoresis* 2017, 38, 886–896

11. Multi-class analysis of new psychoactive substances and metabolites in hair by pressurized liquid extraction coupled to HPLC-HRMS. Montesano, Camilla; Vannutelli, Gabriele; Massa, Maristella; Simeoni, Maria Chiara; Gregori, Adolfo; Ripani, Luigi; Compagnone, Dario; Curini Roberta; Sergi, Manuel. DRUG TESTING AND ANALYSIS (2016) 9 (5) 798-807.
12. Evaluation of oxidized buckypaper as material for the solid phaseextraction of cobalamins from milk: Its efficacy as individual andsupport sorbent of a hydrophilic–lipophilic balance copolymer, V. Pérez-Fernández, A. Gentili*, A. Martinelli, F. Caretti, R. Curini Journal of Chromatography A, 1428 (2016) 255–266
13. How the extraction method could be crucial in the characterization of natural dyes from dyed yarns and lake pigments: The case of American and Armenian cochineal dyes, extracted through the new ammonia-EDTA method. Serafini, Ilaria; Lombardi, Livia; Vannutelli, Gabriele; Montesano, Camilla; Sciubba, Fabio; Guiso, Marcella; Curini Roberta; Bianco, Armandodoriano. MICROCHEMICAL JOURNAL (2017) 134, 237-245.
14. Broad Screening and Identification of Novel Psychoactive Substances in Plasma by High-Performance Liquid Chromatography-High-Resolution Mass Spectrometry and Post-run Library Matching. Montesano, Camilla; Vannutelli, Gabriele; Gregori, Adolfo; Ripani, Luigi; Compagnone, Dario; Curini Roberta; Sergi, Manuel. JOURNAL OF ANALYTICAL TOXICOLOGY (2016) 40(7) 519-528.
15. Determination of marbofloxacin in plasma and synovial fluid by ultrafiltration followed by HPLC-MS/MS. Montesano, Camilla; Curini Roberta; Sergi, Manuel; Compagnone, Dario; Celani, Gianluca; Varasano, Vincenzo; Petrizzi, Lucio; Amorena, Michele. JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS (2016) 123, 31-36.
16. Pressurized liquid extraction for the determination of cannabinoids and metabolites in hair: Detection of cut-off values by high performance liquid chromatography-high resolution tandem mass spectrometry. Montesano, Camilla; Simeoni, Maria Chiara; Vannutelli, Gabriele; Gregori, Adolfo; Ripani, Luigi; Sergi, Manuel; Compagnone, Dario; Curini Roberta, JOURNAL OF CHROMATOGRAPHY A (2015) 1406, 192-200.
17. Determination of illicit drugs and metabolites in oral fluid by microextraction on packed sorbent coupled with LC-MS/MS. Montesano, Camilla; Simeoni, Maria Chiara; Curini Roberta; Sergi, Manuel; Lo Sterzo, Claudio; Compagnone, Dario. ANALYTICAL AND BIOANALYTICAL CHEMISTRY (2015) 407; 3647-3658.
18. Rapid, high performance method for the determination of vitamin K1,menaquinone-4 and vitamin K12,3-epoxide in human serum andplasma using liquid chromatography-hybrid quadrupole linear iontrap mass spectrometry. Alessandra Gentili, Arturo Cafolla, Tecla Gasperi, Simona Bellante, Fulvia Caretti, Roberta Curini, Virginia Pérez Fernández. Journal of Chromatography A, 1338 (2014) 102–110.
19. A micro-SPE procedure for the determination of cannabinoids and their metabolites in urine by LC–MS/MS. Camilla Montesano, Manuel Sergi, Sara Odoardi, Maria Chiara Simeoni, Dario Compagnone, Roberta Curini. Journal of Pharmaceutical and Biomedical Analysis (2014) 91, 169– 175.