

PUBLICATIONS (Reuves à comité de lecture)

2021

- P29** Determination of heavy metal contents (Zn, Fe, Cr and Cu) in fish species from Soumbédioune beach, Senegal.
C.T. DIONE, B. NDIAYE, M. NDIAYE, Ch. DIEBAKATE, M. MILLET, O. DELHOMME, I. DIAGNE, D. CISSE, M. HANE & A. DIOP
Journal of environmental Science and Health Part B (2021), soumise.
- P28** The use of *Helix aspersa* and *Pinus nigra* as environmental biomonitors for the study of temporal air pollution variation in Northern Lebanon.
F. BAROUDI, J. AL-ALAM, S. CHIMJARN, K. HADDAD, Z. FAJLOUN, O. DELHOMME & M. MILLET
International Journal of Environmental Research (2021), soumise.
- P27** Liquid-liquid based extraction for multiresidue determination of non-volatile pesticides in honey as environmental biomonitors.
F. BAROUDI, J. AL-ALAM, O. DELHOMME, S. CHIMJARN, H. AL-GHECH, Z. FAJLOUN & M. MILLET
Euro-Mediterranean Journal of Environmental Integration (2021), resoumise après révision.
- P26** A versatile method for the quantification of 100 SVOCs from various families. Application to indoor air, dust and bioaccessibility evaluation.
A. SONNETTE, O. DELHOMME, L. Y. ALLEMAN, P. CODDEVILLE & M. MILLET
Microchemical journal (2021), 169, Article n°106174.
- P25** A method to assess glyphosate, glufosinate and aminomethylphosphonic acid (AMPA) in soil and earthworms.
O. DELHOMME, A. HERNANDEZ, A. RODRIGUES, S. CHIMJARN, C. BERTRAND, M. BOURDAT-DESCHAMPS, Cl. FRITSCH, C. PELOSI, S. NELIEU, M. MILLET
Journal of Chromatography A (2021), 1651, Article n°462339.
- P24** Temporal distribution and Gas/Particle partitioning of polycyclic aromatic hydrocarbons (PAHs) in the atmosphere of Strasbourg, France.
S. CHIMJARN, O. DELHOMME & M. MILLET
Atmosphere (2021), 21, 337 (16pp).
- P23** Environmental analysis of polar and non-polar Polycyclic Aromatic Compounds in airborne particulate matter, settled dust and soot: Part I: Sampling and sample preparation.
M. GALMICHE, O. DELHOMME, Y.-N. FRANÇOIS & M. MILLET
Trends in Analytical Chemistry (TrAC) (2021), 134, Article n° 116099.
- P22** Environmental analysis of polar and non-polar Polycyclic Aromatic Compounds in airborne particulate matter, settled dust and soot: Part II: Instrumental analysis and occurrence.
M. GALMICHE, O. DELHOMME, Y.-N. FRANÇOIS & M. MILLET
Trends in Analytical Chemistry (TrAC) (2021), 134, Article n° 116146.
- P21** The use of *Pinus nigra* as a biomonitor of air quality in Lebanon
F. BAROUDI, J. AL-ALAM, O. DELHOMME, S. CHIMJARN, Z. FAJLOUN & M. MILLET
Environmental Science and Pollution Research (2021), 28, 10283–10291.

2020

- P20** An integrated method coupling Accelerated Solvent Extraction (ASE), Solid-Phase Extraction (SPE) and Solid-Phase Micro Extraction for the quantification by GC and LC-MSMS of diverse pollutants (Pesticides, PAHs, PCBs), in air.
M. LEVY, O. DELHOMME, J. AL-ALAM & M. MILLET
Microchemical Journal (2020), 157, Article n° 104889.
- P19** Conifers as environmental biomonitors: a multi-residue method for the concomitant quantification of 134 pesticides, 16 PAHs and 22 PCBs by LC-MS/MS and GC-MS/MS.
F. BAROUDI, J. AL-ALAM, S. CHIMJRAN, O. DELHOMME, Z. FAJLOUN & M. MILLET
Microchemical Journal (2020), 154, Article n° 104593.

2018

- P18** A sensitive method using SPME pre-concentration for the quantification of aromatic amines in indoor air.
V. LUCAIRE, J.-J. SCHWARTZ, O. DELHOMME, R. OCAMPO-TORRES & M. MILLET
Analytical and Bioanalytical Chemistry (2018), 410(7), 1955-1963.

2017

- P17** Temporal variations of atmospheric PAHs in an urban area (Strasbourg, France) by using long duration High-Volume sampling
C. LIAUD, J.-J. SCHWARTZ, R. OCAMPO, O. DELHOMME & M. MILLET
Polycyclic Aromatic Compounds (2017), 37 (2-3), 122-127.

2012

- P16** Characterization of particulate polycyclic aromatic hydrocarbons in the east of France urban areas.
O. DELHOMME & M. MILLET
Environmental Science and Pollution Research (2012), 19(5), 1791-1799.
- P15** Azaarenes in atmospheric particulate matter samples of three different urban sites in east of France.
O. DELHOMME & M. MILLET
Atmospheric Environment (2012), 47, 541-545.
- P14** Processing of atmospheric polycyclic aromatic hydrocarbons by fog in an urban environment.
EHRENHAUSER F.S., KHADAPKAR K., WANG Y., HUTCHINGS J.W., DELHOMME O., KOMMALAPATI R.R., HERCKES P., WORNAT M.J., VALSARAJ K.T.
Journal of Environmental Monitoring (2012), 14, 2566-2579.

2011

- P13** Snails in vineyard: soil deposits, transfer and drift effects of pesticides
C. DRUART, M. MILLET, R. SCHEIFLER, O. DELHOMME, C. RAEPEL & A. de VAUFLEURY, A.
Science of the Total Environment (2011), 409, 4280-4288.
- P12** Glyphosate and glufosinate-based herbicides: fate in soil, transfer to and effects on land snails.
C. DRUART, M. MILLET, R. SCHEIFLER, O. DELHOMME & A. de VAUFLEURY
Journal of Soils and Sediments (2011), 11, 1373-1384.
- P11** Optimization of extraction procedure and chromatographic separation of glyphosate, glufosinate and aminomethylphosphonic acid (AMPA) in soil.
C. DRUART, O. DELHOMME, A. de VAUFLEURY, E. NTCHOE & M. MILLET
Analytical and Bioanalytical Chemistry (2011), 399:1725–1732.

P10 Analytical method for assessing potential dermal exposure to pesticides of a non-agricultural occupationally exposed population
O. DELHOMME, C. RAEPEL, D. TEIGNE, O. BRIAND & M. MILLET
Analytical and Bioanalytical Chemistry (2011), 399, 1325-1334.

P9 Seasonal and diurnal variations of PAH concentrations between rural, suburban and urban areas.
S. MORVILLE, O., DELHOMME & M. MILLET
Atmospheric Pollution Research (2011), 2, 366-373.

2010

P8 Seasonal and diurnal variations of atmospheric concentrations of phenols and nitrophenols measured in the Strasbourg area, France
O. DELHOMME, S. MORVILLE & M. MILLET
Atmospheric Pollution Research (2010), 1, 16-22.

2009

P7 Comparison of MTBSTFA and BSTFA in derivatization reactions of polar compounds prior to GC/MS analysis.
Cl. SCHUMMER, O. DELHOMME, B. M APPENZELLER, R. WENNIG & M. MILLET
Talanta (2009), 77, 1473-1482.

2008

P6 Polycyclic aromatic hydrocarbons analysed in rainwater collected on two sites in east of France (Strasbourg and Erstein).
O. DELHOMME, E. RIEB & M. MILLET
Polycyclic Aromatic Compounds (2008), 28, 472-485.

P5 Comparison of two analytical methods for the determination of azaarenes in atmospheric particulate matter.
O. DELHOMME & M. MILLET
Polycyclic Aromatic Compounds (2008), 28, 518-532.

P4 Determination of oxygenated Polycyclic Aromatic Hydrocarbons in atmospheric aerosol samples by liquid chromatography-tandem mass spectrometry.
O. DELHOMME, M. MILLET & P. HERCKE S
Talanta (2008), 74, 703-710.

2007

P3 Determination of nitro-polycyclic aromatic hydrocarbons in atmospheric aerosols using HPLC fluorescence with post-column derivatisation technique.
O. DELHOMME, P. HERCKES & M. MILLET
Analytical and Bioanalytical Chemistry (2007), 389:1953–1959.

P2 Solid-Phase Extraction and LC with Fluorescence Detection for the Analysis of PAHs in Rainwater.
O. DELHOMME, E. RIEB & M. MILLET
Chromatographia (2007), 65, 163–171.

P1 Separation of molecular tracers sorbed onto atmospheric particulate matter by flash chromatography.
LOTTMANN A., CADE E., LAHD GEAGEA M., DELHOMME O., VEILLERAUD C., RIZET A.L., MIRABEL P., MILLET M.
Analytical and Bioanalytical Chemistry (2007), 387, 1855-1861.