

POSTER SESSION 2 • P2-01 – P2-61

Aerosol metrology / Archaeometry / Chemical- and bio- sensors / Chromatography / Environmental analysis / Materials / Mobile analytical instruments / Pharmaceutical analysis / Sample handling / Sensors / Spectrochemical analysis / Thermal analysis

- P2-01** CASCADE IMPACTOR SAMPLING HARMONIZED TO NON-DESTRUCTIVE ELEMENTAL ANALYSIS OF AEROSOL PARTICLES
C. Dian, J. Osan, E. Börcsök, L. Stabile, S. Török
- P2-02** AEROSOL METROLOGY FOR ATMOSPHERIC SCIENCE AND AIR QUALITY
F. Tsopeles, M. Ochsenkuehn Petropoulou, T. Lymperopoulou, L. A. Tsakanika, K. M. Ochsenkuehn, O. Serifi, C. Stergiopoulos, B. Beckhoff
- P2-03** MINERALOGICAL COMPOSITION OF THE BRONZE AGE POTTERY FROM THE KAMENNY AMBAR SETTLEMENT (SOUTHERN URALS, RUSSIA)
A. Ryanskaya, M. Piskareva, D. Kiseleva, S. Panteleeva
- P2-04** MINERALOGICAL AND CHEMICAL COMPOSITION OF PREHISTORIC PIGMENTS FROM CAVE PAINTINGS AND PICTOGRAPHS (SOUTHERN URALS, RUSSIA) BY SEM-EDS AND RAMAN SPECTROSCOPY
D. Kiseleva, E. Shagalov, E. Pankrushina, A. Ryanskaya, V. Shirokov
- P2-05** ALL-SCREEN-PRINTED INTEGRATED PERMANENT BONDED MAGNETS ELECTROCHEMICAL CELLS
A. Papavasileiou, M. Prodromidis, I. Panagiotopoulos
- P2-06** INVESTIGATION OF A MULTIPLEX INJECTOR FOR TIME-RESOLVED GAS CHROMATOGRAPHIC MONITORING
M. Antoniadou, E. Rosenberg, J. Kahr
- P2-07** DETERMINATION OF PESTICIDES IN RIVER WATER SAMPLES BY SOLID PHASE EXTRACTION COMBINED WITH HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY/UV DETECTION (HPLC/UV-DAD)
K. Boushi, V. Boti, T. Albanis
- P2-08** ON-LINE EXTRACTION COUPLED TO LIQUID CHROMATOGRAPHIC ANALYSIS OF HYDROPHOBIC ORGANIC COMPOUNDS IN SOILS
A. Votani, T. Choleva, M. Tarara, C. Tziasiou, G. Tsogas, A. Vlessidis, D. Giokas
- P2-09** OPTIMIZATION AND VALIDATION OF HPLC METHOD FOR SOME PESTICIDES FROM HUMAN URINE AND COMMERCIAL DOSAGE FORM
W. H. Gebrehiwot, C. Erkmen, B. Uslu
- P2-10** BREATH ANALYSIS: A NOVEL NON-INVASIVE TOOL FOR MONITORING RECOVERY AFTER EXERCISE-INDUCED MUSCLE DAMAGE IN HUMANS.
K. Mikedi, E. Moutafis, S. Karma, A. Pappa, A. Krokidas, T. Nomikos
- P2-11** QUECHERS-HPLC METHOD FOR AFLATOXIN DETECTION OF FOODS
L. B. Abdulra'uf, A. Sirhan, G. Huat Tan, R. C. S Wong
- P2-12** GAS CHROMATOGRAPHY AS A TOOL FOR THE OPTIMIZATION OF DOCOSAHEXAENOIC ACID (DHA) RECOVERY FROM CRYPTHECODINIUM COHNII MICROALGA
M. Stramarkou, A. Chalima, V. Oikonomopoulou, E. Topakas, M. Krokida

- P2-38** MAGNETIC MOLECULARLY IMPRINTED POLYMER NANOPARTICLES AS SOLID PHASE EXTRACTION MATRIX IN THERAPEUTIC DRUG MONITORING
M. Nebesen, M. Al-Ghobashy, O. Attallah
- P2-39** SYNTHESIS OF MAGNETIC BIMETALLIC Fe-Cu NANOPARTICLES FOR THE DISPERSIVE MICROEXTRACTION OF EMERGING POLLUTANTS
A. Vasilas, T. Chatzimitakos, C. Stalikas
- P2-40** A NOVEL APPROACH: pH CONTROLLED DISPERSIVE LIQUID-LIQUID MICROEXTRACTION (DLLME) OF PAHS METABOLITES FROM HUMAN URINE
S. Hrouzková, T. Göen, S. Zichová
- P2-41** RHODIUM NANOPARTICLES AS PEROXIDASE-MIMETICS FOR THE DETERMINATION OF GLUCOSE
T. Choleva, V. Gatselou, G. Tsogas, A. Vlessidis, D. Giokas
- P2-42** DISPERSIVE LIQUID-LIQUID MICROEXTRACTION METHOD FOR HPLC DETERMINATION OF PHENOLIC COMPOUNDS IN CAROB SYRUP
V. Goulas, C. Kalogirou
- P2-43** APPLICATION OF DISSOLVABLE LAYERED DOUBLE HYDROXIDES AS AN EXTRACTION MEDIUM OF GOLD NANOPARTICLES PRIOR TO THEIR DETERMINATION BY ATOMIC ABSORPTION SPECTROMETRY
T. Choleva, D. Giokas
- P2-44** DETERMINATION OF HYDRAZINE BY ON-LINE SOLID PHASE EXTRACTION AND DERIVATIZATION USING ZONE FLUIDICS
P. Tzanavaras, C. Zacharis, S. Themistokleous
- P2-45** PAPER-BASED DNA BIOSENSOR FOR VISUAL DETECTION OF MILK ADULTERATION
E. Bougadi, D. Kalogianni
- P2-46** SYNTHESIS, CHARACTERIZATION AND ANALYTICAL UTILITY OF FREE-STANDING PH RESPONSIVE POLYMER FILMS IN SENSING APPLICATIONS
E. Tzianni, A. Lazanas, M. Trachioti, A. Florou, M. Prodromidis, I. Moutsios, D. Moschovas, M. Karabela, A. Avgeropoulos
- P2-47** MICROFLUIDIC PLATFORM FOR FUNCTIONALISATION, EXTRACTION AND DETECTION OF PHOSPHORYLATED AMINO ACIDS USING FLUORESCENT SENSORY PARTICLES
S. C. Burnage, J. Bell, W. Wan, K. Rurack
- P2-48** ADVANCED SENSORS FOR HEAVY METALS BASED ON MONOELEMENTAL 2D BISMUTHENE AND GRAPHENE NANOCOMPOSITES PRODUCED BY SHEAR-FORCE LIQUID EXFOLIATION
A. Lazanas, A. Paipetis, M. Prodromidis
- P2-49** qNMR AS A POWERFUL TOOL FOR PROVIDING PURITY ASSESSMENT AND METROLOGICAL TRACEABILITY
C. Alexopoulos, A. Georgopoulou, P. Giannikopoulou, E. Kakoulides, E. Stathoudaki, V. Schoina, A. Panagiotopoulou
- P2-50** NOVEL ¹H NMR METHOD FOR THE DETERMINATION OF ANTHOCYANINS IN FRUIT EXTRACTS
V. Goulas, I. Gerathanassis, G. Manganaris