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A. Cruz, B. Monteiro, C. Galinha, I. Paiva, J.P. Leal, J. Marçalo, J.M. Carretas, L. Maria, M.F. Araújo

PP Sust Devel #5

Biosorption of Pb(II) by *Fucus spiralis* Waste Obtained Through Biorefinery Processing

C. Filote, I. Volf, C. Botelho, S. Santos

PP Sust Devel #6

Back to Nature – A Risk Assessment Case Study of Synthetic Musks in Wastewaters

V. Homem, S. Ramos, L. Santos, A. Alves

PP Sust Devel #7

Occurrence of Chemical Contaminants in Peri-urban Agriculture and Assessment of Their Impact on Crops and Human Health.

A. Margenat, V. Matamoros, S. Díez, N. Cañameras, J. Comas, J.M. Bayona

PP Sust Devel #8

Influence of Extraction Process on the Luminescent Properties of Carbon Nanomaterials Derived from Olive Mill Wastewaters

D.A. Sousa, A.I. Costa, M.R. Alexandre, J.V. Prata

PP Sust Devel #9

Heavy metals in paints on consumer glassware

A. Turner

Environmental Safety

PP Env Safe #1

Useful of New Approaches for Concentration and Separation of Bioactive Analytes in CE in Complex Biological Mixtures
E.A. Bessonova, L.A. Kartsova

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Tracking the Distribution and Bioavailability of Contaminants in Ria de Aveiro (Portugal) Using Polychaetes as Bioindicator Species
A. Cachada, C. Costa, P. Pato, A. Duarte, R. Pereira

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Determination of Artificial Sweeteners in Waste Water and Their Potential Impact on the Ecosystem
J. Čáslavský, V. Kerberová, H. Zlámalová Gargošová

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The Fate of Nanomaterials and Its Consequences
T. Castelo-Grande, P.A. Augusto, D. Barbosa

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Monitoring of Hazardous Substances in Rubber Crumb and Leaching Waters from Synthetic Turf Football Fields
M. Celeiro, M. Llompарт, N. Ratola, R. Facorro, T. Dagnac

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Synthesis of Chalcone Derivatives and Anti-settlement Activity Against *Mytilus galloprovincialis* Larvae
M. Correia-da-Silva, J.R. Almeida, D. Pereira, J. Moreira, V. Vasconcelos, M. Pinto, H. Cidade

PP Env Safe #7

Contribution For The Derivation Of A Soil Screening Level (SSV) For Zinc Using A Portuguese Natural Reference Soil
S. Fernandes, V. Nogueira, A. Gavina, R. Pereira

PP Env Safe #8

Extinguishing Agents and Their Ecotoxicity Assessment
P. Fojt, H. Zlámalová Gargošová, B. Jabandžievová

PP Env Safe #9

Cholinesterases as the Biochemical Markers Determined in Terrestrial Gastropods and Earthworms
D. Fojtová, J. Vašíčková, J. Hofman

PP Env Safe #10

Investigation of Natural Biodegradation of Contaminated Environmental Samples Near Heating Plant
M. Ilić, J. Milić, T. Šolević Knudsen, B. Lončarević, J. Avdalović, S. Miletić, M.M. Vrvic

PP Env Safe #11

Oil Pollutants in Alluvial Sediments of the Sava River, Serbia
M. Ilić, S. Bulatović, T. Šolević Knudsen, J. Milić, J. Avdalović, S. Miletić, M.M. Vrvic

PP Env Safe #12

The Influence of Some Pyrazole Derivatives and Newly Synthetised Cu(II) Complexes to the Inhibition of *Phomopsis Viticola* in Vitro
Ž. Jaćimović, M. Kosović, J. Latinović, M. Bigović, V. Kastratović

PP Env Safe #13

Evaluation development on Monitoring Technique of Soil Toxicity Using Vibration Sensor: Basic Study

W. Lee¹, S. Lee, S. Kim, Y. Hwang, H. Jung

PP Env Safe #14

Uranium Mining Wastes: The Use of the Fish Embryo Acute Toxicity Test (FET) Test to Evaluate Toxicity and Risk of Environmental Discharge

J. Lourenço, S. Marques, F.P. Carvalho, J. Oliveira, M. Malta, M. Santos, F. Gonçalves, R. Pereira, S. Mendo

PP Env Safe #15

Toxicity and Uptake of Cadmium from Different Types of Cd-based Quantum Dots in the Model Plant *Allium cepa* L.

P. Modlitbová, P. Pořízka, K. Novotný, J. Drbohlavová, I. Chamradová, Z. Farka, H. Zlámalová-Gargošová, T. Romih, J. Kaiser

PP Env Safe #16

Synthesis of Steroid Derivatives with Antimicrofouling and Anti-Macrofouling Properties

A.R. Neves, J.R. Almeida, J. Antunes, V. Vasconcelos, E. Sousa, M. Pinto, M. Correia-da-Silva

PP Env Safe #17

Comparative Sensitivity of Short-term Bioassays to the Emergent Contaminants Carbamazepine and Nicotine

P. Palma, A.M. Floro, A.L. Oropesa

PP Env Safe #18

Long-term Effects on DNA Integrity and Population Parameters of *Daphnia magna* Exposed to Low Doses of a Uranium Mine Effluent and Waterborne Uranium

P. Reis, J. Lourenço, S. Mendo, F.P. Carvalho, J. Oliveira, M. Malta, R. Pereira

PP Env Safe #19

Influence of Climate Change (sea warming and acidification) on the Metabolization of the Psychiatric Drug Venlafaxine by Meagre

L.H.M.L.M. Santos, A.L. Maulvault, S. Rodriguezmozaz, D. Barceló, A. Marques

PP Env Safe #20

Assessment of the Application of Encapsulated Glyphosate to Mitigate Environmental and Management Risks

L.R.D. Silva, U.M.F. Oliveira, J.S. Carneiro Neto

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A Simple System for Controlled Release of Glyphosate and Phosphorous based on Chitosan-clay Composite

L.R.D. Silva, U.M.F. Oliveira, G. Alexandre Gomes

PP Env Safe #22

Sublethal Concentrations of Neonicotinoid Insecticides Directly Inhibit the Multixenobiotic Resistance (MXR) Mechanism in the Aquatic Invertebrate Model, *Dreissena* sp.

A. Vehovszky, A. Farkas, A. Székács, M. Mörtl, J. Győri

Agro-environmental friendly processes and food chemistry

PP AgroFood #1

Bioaccumulation of Persistent and Emergent Pollutants in NW Portuguese Sea Urchins – Is There a Risk for Consumers?
C.M.R. Almeida, A.C. Rocha, C. Camacho, E. Eljarrat, A. Peris, Y. Aminot, J.W. Readman, V. Boti, C. Nannou, A. Marques, M.L. Nunes

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Migration of Bisphenol A (BPA) from Epoxy Can Coating in to Canned Meat Products and Food Simulants
V. Antić, B. Stojanović, Lj. Radović, D. Natić, M. Dodevska, G. Vrašťanović-Pavičević, S. Lević, T. Petrović

PP AgroFood #3

Tocopherols Profile of Coffee Silverskin (*Coffea canephora*): Influence of Different Geographical Origins
S.M.F. Bessada, R.C. Alves, M.B.P.P. Oliveira

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Organic VS. Conventional Agriculture in the Douro's Vineyards: A Biological Perspective
A. Cachada, C. Costa, B. Fernandes, C. Patinha, N. Durães, E. Ferreira da Silva, A. Duarte, R. Pereira

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Determination of Pesticides and Their Metabolites in Wine Using Liquid Chromatography and Mass Spectrometry
G. Castro, I. Carpinteiro, I. Rodriguez, R. Cela

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Fate and Effects of Uncoated ZnO Nanoparticles on Nine Crops Exposed in Two Agricultural Soils, a Calcareous Soil and an Acidic Soil
M.D. Fernández, M. Babín, A. Obrador, D. González, C. García-Gomez

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Soil pH Effects on the Toxicity of Zinc Oxide Nanoparticles to Soil Bacterial Communities
M.D. Fernández, C. García-Gomez, S. García, A. Obrador, M. Letón, D. González, M. Babín

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Taguchi Design-based Enhancement of Heavy Metals Bioremoval by Agroindustrial Waste Biomass from Artichoke
J.A. Fernández-López, J.M. Angosto, M.J. Roca

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Efficient Green Method for the Synthesis of 3,4-Disubstituted Coumarin Derivatives
A. Koleva, N. Petkova, R.D. Nikolova

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Eco-friendly Conditions For The Synthesis Of Biscoumarin Derivatives
A.I. Koleva, N.I. Petkova, R.D. Nikolova

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Total and Inorganic Mercury Quantification in Bulgarian Wines
E. Mladenova, I. Karadjova

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Production of Bioethanol from Corn cob via Modified Two-Stage Hydrolysis with Different Acids
Y.S. Mohammad, J. Ibrahim, A. Yakubu, A. Abdulkadir

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A New Sustainable Process to Recover Olive Pomace Antioxidants

M.A. Nunes, R.C. Alves, H. Puga, A.S.G. Costa, F. Rodrigues, M.B.P.P. Oliveira

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Soil Chemical Extraction Tests to Estimate Zinc Plant Availability from Engineered ZnO Nanoparticles Applied to Agricultural Soils

A. Obrador, P. Almendros, M.D. Fernández, C. García-Gómez, M. Babín, D. González

PP AgroFood #15

An Ecofriendly Agar Based Method for Stain Removing from Stone Materials

M.A. Olazabal, M. Bernabeu, O. Gómez-Laserna, I. Martínez-Arkarazo, N. Prieto-Taboada, J.M. Madariaga

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Proximate, Fatty Acids and Metals in Edible Marine Bivalves: Beneficial and Risk for Consumers Health

E. Prato, F. Biandolino, I. Parlapiano, S. Giandomenico, N. Cardellicchio, M. Calò, L. Spada, V. Russo, A. Di Leo

PP AgroFood #17

Hydrothermal Extraction of Antioxidants from Paulownia Waste Fractions

P. Rodríguez-Seoane, H. Domínguez

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Ochratoxin A in Different Beers from Portugal: Occurrence and Exposure Evaluation

L.J.G. Silva, A.C.S. Teixeira, A.M.P.T. Pereira, A. Pena, C.M. Lino

PP AgroFood #19

Tunisian Olive Oils Geographical Origin Discrimination Using the Potentiometric Fingerprints Recorded by an Electronic Tongue

A.C.A. Veloso, F. Souayah, N. Rodrigues, L.G. Dias, S. Oueslati, J.A. Pereira, A.M. Peres

PP AgroFood #20

Electrochemical Taste Sensor for Unmasking Extra-Virgin Olive Oils Adulterated with Rancid or Winey-Vinegary Olive Oils

A.C.A. Veloso, U. Harzalli, N. Rodrigues, L.G. Dias, S. Oueslati, J.A. Pereira, A.M. Peres