

PUBLICACIONES CIENTÍFICAS 2019

GRUPO DE NANOSENSORES Y SISTEMAS BIOANALÍTICOS (N&SB)

Underpotential Photoelectrooxidation of Water by SnS₂- Laccase Co-catalysts on Nanostructured Electrode with Only Visible-Light Irradiation

Carmen Jarne, Logan Paul, José Carlos Conesa, Sergey Shleev, Antonio L. De Lacey, Marcos Pita (N&SB)

ChemElectroChem, 6, 2755–2761 (2019)

HPTLC coupled to ESI-Tandem MS for identifying phospholipids associated to membrane proteins in photosynthetic purple bacteria.

M. Pilar Lapieza, C. Jungas, María Savirón, Carmen Jarne, Luis Membrado, Jesús Vela, Jesús Orduna, Rosa Garriga, Javier Galbán, Vicente Cebolla (N&SB)

Journal of Liquid Chromatography&Related technologies, 42(1-2), 1-8 (2019)

Analytical possibilities of Putrescine and Cadaverine enzymatic colorimetric determination in tuna based on diamine oxidase: a critical study of the use of ABTS.

Jesús Navarro, Isabel Sanz Vicente, Rebeca Lozano, Susana de Marcos, Javier Galbán (N&SB)

Talanta, <https://doi.org/10.1016/j.talanta.2019.120392> (2019)

GRUPO DE ESPECTROSCOPIA ANALÍTICA Y SENSORES (GEAS)

Combination of cloud point extraction with single particle inductively coupled plasma mass spectrometry to characterize silver nanoparticles in soil leachates

Laura Torrent, Francisco Laborda, Eva Marguí, Manuela Hidalgo, Mónica Iglesias (GEAS)

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Wine markers in archeological potteries: detection by GC-MS at ultratrace levels

Laura Blanco-Zubiaguirre, Maitane Olivares, Kepa Castro, Jose Antonio Carrero, Carlos Garcia-Benito, Jose Angel Garcia-Serrano, Julián Pérez-Pérez, Josefina Pérez-Arantegui (GEAS)

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Josefina Pérez-Arantegui (GEAS)

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Silver nanoparticles-clays nanocomposites as feed additives: Characterization of silver species released during in vitro digestions. Effects on silver retention in pigs.

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Inorganic Mass Spectrometry.

Josefina Pérez-Arantegui, Francisco Laborda (GEAS)

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Single particle inductively coupled plasma mass spectrometry as screening tool for detection of particles.

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Spectrochimica Acta Part B-Atomic Spectroscopy, 159, 105654, (2019).

GRUPO UNIVERSITARIO DE INVESTIGACIÓN ANALÍTICA (GUIA)

In Vitro Anticoccidial Activity of Olive Pulp (*Olea europaea* L. var. Chemlal) Extract Against *Eimeria* Oocysts in Broiler Chickens.

Nedjima Debbou-louknane, Cristina Nerín, Meriem Amrane, Menana Ghemghar, Khodir Madani, Abdelhanine Ayad (GUIA)
Acta Parasitologica, 64, 887-897 (2019)

Migration of oligomers from a food contact biopolymer based on polylactic acid (PLA) and polyester.

Sara Ubeda, Margarita Aznar, Pilar Alfaro, Cristina Nerin (GUIA)
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Paula Vera, Elena Canellas, Gitte Barknowitz, Jeff Goshawk, Cristina Nerin (GUIA)
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Sara Ubeda, Margarita Aznar, Cristina Nerín (GUIA)
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Development and validation of an LC-MS/MS method for the analysis of bisphenol a in polyethylene terephthalate.

Nicola Dreolin, Margarita Aznar, Sabrina Moret, Cristina Nerín (GUIA)
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Jazmin Osorio, Magarita Aznar, Cristina Nerín (GUIA)
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Identification of non-volatile migrants from baby bottles by UPLC-Q-TOF-MS.

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Elena Canellas, Paula Vera, Cristina Nerin, Nicola Dreolin, Jeff Goshawk (GUIA)

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LABORATORIO DE ANÁLISIS DE AROMA Y ENOLOGÍA (LAAE)

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Marcos A. Maza, Juan M. Martínez, Purificación Hernández-Orte, Guillermo Cebrián, Ana C. Sánchez-Gimeno, Ignacio Álvarez, Javier Raso (LAAE)
Food and Bioproducts Processing, 116, 249-257 (2019)

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QUÍMICA Y MEDIO AMBIENTE (QMA)

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OTROS

Flower-like Mn-Doped Magnetic Nanoparticles Functionalized with $\alpha\text{v}\beta\text{3}$ -Integrin-Ligand to Efficiently Induce Intracellular Heat after Alternating Magnetic Field Exposition, Triggering Glioma Cell Death.

Susel Del Sol-Fernández, Yadileiny Portilla-Tundidor, Lucía Gutiérrez Marruedo, Óscar Fernando Odio Chacón, Edilso Francisco Reguera Ruiz, Domingo Francisco Barber Castaño, María del Puerto Morales Herrero.

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