

(BACA-BOCANEGRA, B.) Feasibility study on the use of portable vibrational spectroscopy to the analysis and revalorization of by-products: the spent coffee grounds case.

(BACA-BOCANEGRA, B.) ATR-FTIR spectroscopy as a tool for the estimation of wine polysaccharides.

(BURGOS-PALOP, Clara) Analysis And Discrimination Of Meteorite Micro-Particles In An Optical Trap (OCOT-Libs).

(CALLEJÓN, Raquel M.) Synergistic combination of ¹H NMR spectroscopy and chemometrics as an untargeted approach for authentication of organic extra virgin olive oils.

(CHONG CHEUNG, Jing Chiu) Development of functionalized sub-micron beads for biosensing applications based on singlet oxygen generation.

(COBO, Adolfo) Raman imaging of *Patella vulgata* shell sections and its paleoclimatic implications.

(DOMÍNGUEZ-GONZÁLEZ, M. Raquel) Use of spICP-MS for assessing copper and copper oxide nanoparticles bio-accessibility.

(GARCÍA-GARCÍA, Borja) Analysis of LED-based multi-excitation fluorescence and Raman spectroscopy for phytoplankton identification.

(HERNÁNDEZ-HIERRO, J. Miguel) White grape pomace selection using portable and hyperspectral image NIR spectroscopy: device and matrix effects.

(HERNÁNDEZ-HIERRO, J. Miguel) Comparative study on the use of portable and hyperspectral image NIR spectroscopy to determine moisture in white grape pomace.

(IGLESIAS-JIMÉNEZ, Alejandro) ICP-MS analysis of Pt metallome in single cells to assess cilastatin renoprotective potential during cisplatin-based chemotherapy.

(LÓPEZ RAMÍREZ, María Rosa) Raman study of different species of lichens after space and Mars like conditions.

(LÓPEZ-RAMÍREZ M.R.) Raman study of different species of lichens after space and Mars-like conditions.

(LÓPEZ-TOCÓN, Isabel) Characterization of silver nanoparticles synthesized by chemical reduction with citrate.

(MATEO, M. P.) Laser-induced breakdown spectroscopy: a tool for the analysis of new functionally graded materials obtained by additive manufacturing.

(MONTEJO, Manuel) Pigment Analysis in Neolithic Ceramics from the archaeological site of Los Castillejos (Montefrío, Granada): A Raman Microscopy and X-Ray Microfluorescence Study.

(MOREDA-PIÑEIRO, Antonio) Enzymatic hydrolysis and ultra centrifugal filtration as sample pre-treatments for isolating titanium dioxide nanoparticles from serum.

(NOGALES-BUENO, Julio) Use of hyperspectral imaging devices for the measurement of small granular samples.

(NOGALES-BUENO, Julio) Control of total fat and fatty acids in walnuts using near-infrared hyperspectral imaging.

(PARRILLA, Rubén) SPECTRIFY: A Comprehensive Web-browser Software for Spectral Data Analysis.

(PARTAL-UREÑA, F.) Theoretical characterization of the atropisomerism in flavonol Datisctetin.

(PEREZ-ASENSIO, Andrea) Prediction of color in prehistoric mollusk shells using Raman spectroscopy and machine learning.

(RÍOS-REINA, Rocío) Enhancing PDO Fortified Wine Classification Using Different ATR-FTIR Spectral print Analysis.

(RODRÍGUEZ-PULIDO, Francisco J.) Use of imaging and conventional spectroscopy to assess the composition and origin of artisanal Brazilian cheeses.

(SEGURA-BORRERO, M. Pilar) Multidimensional Fluorescence Spectroscopic Analysis of Spain's Top-Selling Gins: Category and Alcohol Content Discrimination.

(TUÑÓN, José A.) UV-Vis and SERS spectroscopy for the study of Cultural Heritage organic pigments.

(VELASQUEZ, MARIZU) Near-infrared hyperspectral imaging (NIR-HSI) and Laser-induced breakdown spectroscopy (LIBS)- An Emerging Analytical Tools for Mineral Exploration.

(VELASQUEZ, MARIZU) Rapid geochemical characterization of minerals by Near-infrared hyperspectral imaging (NIR-HSI) and identification of visible gold by RAMAN spectroscopy.