

Publicaciones 2007

1. AREA DE QUIMICA ANALITICA

Autores: J. A. MURILLO PULGARIN, A. ALAÑON MOLINA, P. FERNANDEZ LOPEZ Y I. SANCHEZ-FERRER ROBLES

Titulo: "Direct determination of closely overlapping drug mixtures of diflunisal and salicylic acid in serum by means of derivative matrix isopotential synchronous fluorescence spectrometry"

Revista: Analytica Chimica Acta n°. 583 , 55-62 (2007)

Autores: J.A. MURILLO, A. ALAÑON, A. MUÑOZ DE LA PEÑA , I. DURAN MERAS Y A. JIMENEZ

Titulo: "Resolution of Ofloxacin-Ciprofloxacin and Ofloxacin-Norfloxacin binary mixtures by flow-injection chemiluminescence in combination with partial least squares multivariate"

Revista: J. Fluoresc, en prensa (2007)

Autores: J.A. MURILLO PULGARIN, A. ALAÑON MOLINA, G. PEREZ-OLIVARES NIETO

Titulo: "Rapid Determination of hydroflumethiazide in dosage forms by time resolved chemiluminescence"

Revista: Microchim. Acta , 159, 349-356, (2007)

Autores: J.A. MURILLO, L.F. GARCÍA, M.N. SÁNCHEZ,

Titulo: "Multivariate calibration applied to the time-resolved chemiluminescence for the simultaneous determination of morphine and its antagonist naloxone"

Revista: Analytica Chimica Acta, 602, 66 -74, (2007)

Autores: J.A. MURILLO, L. F. GARCIA BERMEJO, J. M^a. LEMUS, M.N.SANCHEZ GARCIA, M. ÁVILA, M. ZOUGAGH, A. RÍOS.

Titulo: "Simultaneous stopped-flow determination of morphine and naloxone by time-resolved chemiluminescence"

Revista: Talanta, 73, 1539-1546 , (2007)

Autores: A. RIOS, M. ZOUGAGH, M. ÁVILA, A. ESCARPA

Titulo: "Supported liquid membrane-modified piezoelectric flow sensor with molecularly imprinted polymer for the determination of vanillin in food samples"

Revista: Talanta, 72, 1362-1369 , (2007)

Autores: . L. ARCE, M ZOUGAGH, C. ARCE, A. MORENO, A. RIOS, M. VALCARCEL.

Titulo: "Self-assembled monolayer-base piezoelectric flow immunosensor for the determination of canine immunoglobulin"

Revista: Biosensors and Bioelectronics, 22, 3217-3223 , (2007)

Autores: . B. SANTOS, B.M. SIMONET, A. RIOS, M. VALCARCEL

Titulo: "On-line coupling of solid-phase microextraction to commercial ce-ms

equipment”

Revista: Electrophoresis, 28, 1312-1318 , (2007)

Autores: B. SANTOS, B.M. SIMONET, A. RIOS, M. VALCARCEL.

Titulo: “On-line coupling of solid-phase microextraction to commercial ce-ms equipment”

Revista: Electrophoresis, 28, 1345-1351 , (2007)

Autores: L. NOZAL, L. ARCE, B.M. SIMONET, A. RIOS, M. VALCARCEL

Titulo: “In-line liquid-phase microextraction for selective enrichment and direct electrophoretic analysis on acidic drugs”

Revista: Electrophoresis, 28, 1345-1351 , (2007)

Autores: M. ÁVILA, M.C. GONZÁLEZ, M. ZOUGAGH, A. ESCARPA, A. RÍOS

Titulo: “Rapid sample screening method for authenticity controlling vanilla flavors using a ce microchip approach with electrochemical detection”

Revista: Electrophoresis, 28, 4233-4239 , (2007)

Autores: P.J. SANCHES, A. RIOS, M. VALCARCEL, M.I. SOARES, E. BASTOS

Titulo: “Method of determination of nitrosamines in sausages by co2 supercritical fluid extraction (sfe) and micellar electrokinetic chromatography (mekc)”

Revista : Journal of Agricultural and Food Chemistry, 55, 603-607, (2007)

Autores: A. RIOS, M. ZOUGAGH, M. ÁVILA, A. ESCARPA

Titulo: “Supported liquid membrane-modified piezoelectric flow sensor with molecularly imprinted polymer for the determination of vanillin in food samples”

Revista: Talanta, 72, 1362-1369 (2007)

Autores: L. ARCE, M ZOUGAGH, C. ARCE, A. MORENO, A. RIOS, M. VALCARCEL

Titulo: “Self-assembled monolayer-base piezoelectric flow immunosensor for the determination of canine immunoglobulin”

Revista: Biosensors and Bioelectronics, 22, 3217-3223 (2007)

Autores: B. SANTOS, B.M. SIMONET, A. RIOS, M. VALCARCEL.

Titulo: “On-line coupling of solid-phase microextraction to commercial ce-ms equipment”

Revista: Electrophoresis, 28, 1312-1318 (2007)

Autores: B. SANTOS, B.M. SIMONET, A. RIOS, M. VALCARCEL.

Titulo: “On-line coupling of solid-phase microextraction to commercial ce-ms equipment”

Revista: Electrophoresis, 28, 1345-1351 (2007)

Autores: L. NOZAL, L. ARCE, B.M. SIMONET, A. RIOS, M. VALCARCEL

Titulo: “In-line liquid-phase microextraction for selective enrichment and direct electrophoretic analysis on acidic drugs”

Revista: Electrophoresis, 28, 3284-3289 (2007)

Autores: A. RÍOS M. ÁVILA, M.C. GONZÁLEZ, M. ZOUGAGH, A. ESCARPA,
Título: “Rapid sample screening method for authenticity controlling vanilla flavors using a ce microchip approach with electrochemical detection”
Revista: Electrophoresis, 28, 4233-4239 (2007)

Autores: P .J. SANCHES, A. RIOS, M. VALCARCEL, M.I. SOARES, E. BASTOS
Título: “Method of determination of nitrosamines in sausages by co2 supercritical fluid extraction (sfe) and micellar electrokinetic chromatography (mekc)”
Revista: Journal of Agricultural and Food Chemistry, 55, 603-607 (2007)

Autores: Juan José Berzas Nevado, Carmen Guiberteau Cabanillas, M^a Jesús Villaseñor Llerena y Virginia Rodríguez Robledo
Título: SPE CG-MS-SIM screening of endocrine-disrupting herbicides and related degradation products in natural surface waters and robustness study”.
Revista: Microchemical Journal, 87, 62-71 (2007)

Autores: W. Franklin Smyth and Virginia Rodriguez
Título: “Recent studies of the electrospray ionisation behaviour of selected drugs and their application in capillary electrophoresis-mass spectrometry and liquid chromatography-mass spectrometry.”
Revista: Journal Chromatography A, 1159, 159-174 (2007)

Autores: Bernadette Doherty, Virginia Rodriguez , Julian C. Leslie, Stephen McClean and W. Franklin Smyth
Título: “An slectrospray ionisation tandem mass spectrometric investigation of selected psychoactive pharmaceuticals and its application in drug and metabolite profiling by liquid chromatography/electrospray ionisation tandem mass spectrometry.”
Revista: Rapid Communications Mass Spectrometry, 21, 2031-2038 (2007)

Autores: E. Tessier, R. C. Rodríguez Martín-Doimeadios, D. Amouroux, A. Morin, C. Lehnhoff, E. Thybaud, E. Vindimian, O.F.X. Donard
Título: “Time course transformations and fate of mercury in a model aquatic ecosystem.”
Revista: Water, air and soil pollution, 183, 265-281 (2007)

Autores: Berzas Nevado, J.J.; R. C. Rodríguez Martín-Doimeadios; F.J. Guzmán Bernardo; Nuria Rodríguez Fariñas
Título: “Development and validation of an analytical methodology for the determination of p,p'-DDT, p,p'-DDE and p,p'-DDD in fish oil pills.”
Revista: Microchemical Journal, 86, 183-186 (2007)

2. ÁREA DE TECNOLOGÍA DE ALIMENTOS Y ÁREA DE NUTRICIÓN Y BROMATOLOGÍA

Autores: A. GARCÍA RUIZ, C. MARISCAL, A.SORIANO
Título: “Influence of hunting season stage and ripening conditions on nitrogen fractions and degradation of myofibrillar protein sin venison (Cervus elaphus) chorizo sausages”
Revista: Meat Science , n°. 76, 74-85 (2007)

Autores: A. GARCÍA RUIZ, C. MARISCAL, A.SORIANO
Titulo: "Influence of hunting season stage and ripening conditions on nitrogen fractions and degradation of sarcoplasmic proteins in venison (*Cervus elaphus*) chorizo sausages"
Revista: Italian Journal of Food Science , n°. 2 (19), 167-182 (2007)

Autores: A. SORIANO, A. GARCÍA, E. GÓMEZ, R. PARDO, F.A. GALÁN, M. A. GONZÁLEZ
Titulo: "Lipolysis, proteolysis, physicochemical and sensorial characteristics of ostrich saucisson marked in Spain"
Revista: Meat Science , n°. 75, 661-668 (2007)

Autores: M. ARÉVALO VILLENA, J.F. ÚBEDA IRANZO, A.I. BRIONES PÉREZ.
Titulo: "b -glucosidase activity in wine yeasts. Application in Enology "
Revista: Enzyme And Microbial Technology , n°. 40, 420-425, (2007)

Autores: M. ARÉVALO VILLENA, J.F. ÚBEDA IRANZO, A.I. BRIONES PÉREZ.
Titulo: "Aroma enhancement in wines using wine yeast b -glucosidases"
Revista: Food Biotechnology , n°. 21, 181-194, (2007)

Autores: A. MORIANA, D. PÉREZ-LÓPEZ, A. GÓMEZ-RICO, M.D. SALVADOR, N. OLMEDILLA, F. RIBAS, G. FREGAPANE.
Titulo: "Irrigation scheduling for traditional, low density olive orchards: water relations and influence on oil characteristics"
Revista: Agricultural Water Management , 87, 171-179 (2007)

Autores: D. KRICHENE, D. DAOUD, M.D. SALVADOR, G. FREGAPANE, AND M. ZARROUK
Titulo: "Phenolic Compounds, Tocopherols and other Minor Components in Virgin Olive Oils of some Tunisian Varieties"
Revista: Journal of Food Biochemistry, 31, 179-194 (2007) doi:10.1111/j.1745-4514.2007.00107.x

Autores: E. ARMAFORTE, V. MANCEBO-CAMPOS, A. BENDINI, M.D. SALVADOR, G. FREGAPANE, L. CERRETANI
Titulo: "Retention effects of oxidized polyphenols during analytical extraction of phenolic compounds of virgin olive oil"
Revista: Journal of Separation Science, 30, 2401-2406 (2007). DOI: 10.1002/jssc.200700130

Autores: V. MANCEBO-CAMPOS, M.D. SALVADOR, G. FREGAPANE
Titulo: "Comparative Study of Virgin Olive Oil Behavior under Rancimat Accelerated Oxidation Conditions and Long-Term Room Temperature Storage"
Revista: Journal of Agricultural and Food Chemistry, 55, 8231-8236 (2007)
doi: 10.1021/jf070915y

Autores: E. SÁNCHEZ-PALOMO, M.C. DÍAZ-MAROTO, M.A. GONZALEZ, A. SORIANO-PEREZ y M.S.PEREZ-COELLO,
Titulo: "Aroma profile of wines from Albillo and Muscat grape varieties at different stages of ripening".
Revista: Food Control, n° 18, pág. 398-403, (2007)

Autores: L. CASTRO-VAZQUEZ, M.C. DÍAZ-MAROTO y M.S. PEREZ-COELLO.
Titulo: "Aroma composition and new chemical markers of Spanish citrus honey".
Revista: Food Chemistry, nº 103, pág. 604-606, (2007).

Autores: A. SORIANO, P.M PEREZ-JUAN, A. VICARIO, J.M. GONZALEZ y
M.S.PEREZ-COELLO,
Titulo: "Determination of anthocyanins in red wine using a newly developed method
based on Fourier transform infrared spectrometry".
Revista: Food Chemistry , nº 104, pág. 1295-1303, (2007).

Autores: M.C DÍAZ-MAROTO.; CASTILLO N.; CASTRO L.; GONZÁLEZ-VIÑAS
M.A.; PÉREZ-COELLO M.S.
Titulo: "Volatile composition and olfactory profile of pennyroyal (*Mentha pulegium* L.)
plants"
Revista: Flavour and Fragrance Journal, nº 22, pág. 114-118, (2007).

Autores: M.C. DÍAZ-MAROTO; E. SÁNCHEZ-PALOMO ; M.S. PÉREZ-COELLO;
M.A. GONZÁLEZ-VIÑAS
Titulo: "Impact of drying and storage time on sensory characteristics of rosemary
(*Rosmarinus officinalis* L.)"
Revista: Journal of Sensory Studies, nº 22, pág. 34-48, (2007).

Autores : E. SÁNCHEZ-PALOMO, GONZÁLEZ, M.C. DÍAZ-MAROTO, A.
SORIANO, M.S. PÉREZ-COELLO.
Titulo: "Aroma potential of Albillo wines and effect of skin contact treatment"
Revista : Food Chemistry, nº 103 pág.631-640, (2007).

Autores: I. SOUID, Z. HASSENE, E. SANCHEZ PALOMO, M.S PEREZ-COELLO,
A. GHORBEL
Titulo: "Varietal aroma compounds of *Vitis vinifera* cv. Khamri grown in Tunisia"
Revista: Journal of Food Quality, nº 30 (2007).

Autores : J. POVEDA, E. SANCHEZ PALOMO, M.S. PEREZ-COELLO,
L.CABEZAS
Titulo: "Volatile composition, olfactometry profile and sensory evaluation of semi hard
Spanish cheeses"
Revista: Dairy Science Technology, doi: 10.1051/dst: 2007021 .

Autores: BEATUS D. SCHEHL; ALMUDENA SORIANO; ELKE K. ARENDT;
HELGE M. ULMER
TÍTULO: "Reduction of malting loss using lactobacilli"
Revista: Master Brewers Association of the Americas Technical Quarterly (MBAA TQ)
44 (2), 84-92 (2007)

Autores : Seseña, S., Palop, M.LL.
Titulo: "An ecological study of lactic acid bacteria from Almagro eggplant fermentation
brines"
Revista: Journal of applied microbiology, 103, 11-17, 1553-1561, (2007)

Autores: Cabezas, L., Sánchez, I., Poveda, J.M., Seseña, S., Palop, M.LL.
Titulo: "Comparison of microflora, Chemicals and sensory characteristics of artisanal Manchego cheeses from two dairies"
Revista: Food Control , 18, 11-17, (2007)

Autores: Izquierdo Cañas, P.M., Seseña, S., Ruiz, P., Palop, M.LL.
Titulo: "Producción de acidez volatil y degradación de ácido cítrico por cepas de Oenococcus oeni aisladas de la fermentación maloláctica espontánea de vinos Cencibel elaborados en Castilla-La Mancha".
Revista: Viticultura/Enología profesional , 111, 37-42, (2007)

Autores: SERGIO GÓMEZ ALONSO, ESTEBAN GARCÍA ROMERO E ISIDRO HERMOSÍN GUTIÉRREZ
Titulo: "HPLC analysis of diverse grape and wine phenolics using direct injection and multidetection by DAD and fluorescence"
Revista: Journal of Food Composition and Analysis , 20(7), 618-626, (2007)

Autores: SERGIO GÓMEZ ALONSO, ISIDRO HERMOSÍN GUTIÉRREZ Y ESTEBAN GARCÍA ROMERO
Titulo: "Simultaneous HPLC analysis of wine and beer biogenic amines, amino acids and ammonium ion as aminoenones"
Revista: Journal of Agricultural and Food Chemistry , 55, 608-613, (2007)

Autores: NOELIA CASTILLO MUÑOZ, SERGIO GÓMEZ ALONSO, ESTEBAN GARCÍA ROMERO, E ISIDRO HERMOSÍN GUTIÉRREZ
Titulo: "Flavonol profiles of Vitis vinifera red grapes and their single-cultivar wines"
Revista: Journal of Agricultural and Food Chemistry , 55, 992-1002, (2007)

Autores: MICHAEL RENTZSCH, MICHAEL SCHWARZ, PETER WINTERHALTER, E ISIDRO HERMOSÍN GUTIÉRREZ
Titulo: "Formation of Hydroxyphenyl-Pyranoantocianins in Grenache Wines: Precursor Levels and Evolution during Aging"
Revista: Journal of Agricultural and Food Chemistry , 55, 4883-4888, (2007)

Autores: ISIDRO HERMOSÍN GUTIÉRREZ
Titulo: "Copigmentación y piranoantocianos. El papel de los flavonoles y de los ácidos hidroxicinámicos en el color del vino"
Revista: ACE Revista de Enología , 79, 12-20, (2007)