



Química Analítica

Áreas de conocimiento: Química Analítica

Director: Alberto Navalón Montón

Subdirectora: Natalia A. Navas Iglesias

Secretario: Ignacio de Orbe Payá

Página web: www.ugr.es/local/qanaliti

Profesorado: CU: 7, PTU: 19, Colaboradores Extraordinarios: 2, Profesores Eméritos: 1, PDI Contratado y Otros: 15, PAS: 3.

Tesis Doctorales

- New challenges in analytical determination of olive oil polyphenols. Potential use as markers linked to pedoclimatic, agronomic and technological conditions

Doctorando: A. Bakhouche

Directores: Dr. Antonio Segura Carretero y Dr. Jesús Lozano Sánchez

Fecha de defensa: 14/12/2015

- Analytical, agronomic, and biological evaluation of phenolic compounds in *Olea europaea* products and by-products

Doctorando: N. Talhaoui

Directores: Dr. Antonio Segura Carretero y Dra. Ana María Gómez Caravaca

Fecha de defensa: 17/02/2016

- Técnicas analíticas avanzadas para la determinación de compuestos bioactivos en muestras vegetales

Doctorando: P. García Salas

Directores: Dr. Antonio Segura Carretero y Dr. Alberto Fernández Gutiérrez

Fecha de defensa: 19/02/2016 (Mención Europea)

- Aceite de oliva virgen: Potencial de diferentes aproximaciones ómicas para la autenticación de su origen geográfico y botánico

Doctorando: Aadil Bajoub

Directores: Dr. Alberto Fernández Gutiérrez y Dra. Alegría Carrasco Pancorbo

Fecha de defensa: 30/05/2016 (Mención Europea)

- Metodologías avanzadas para la determinación de 5-nitroimidazoles en muestras alimentarias, ambientales y clínicas

Doctorando: Maykel Hernández Mesa

Directoras: Dra. Ana M. García Campaña y Dra. Carmen Cruces Blanco

Fecha de defensa: 04/03/2016 (Mención Europea)

- Aplicación de nuevas técnicas de análisis para la investigación arqueológica: Estudio de los materiales cerámicos.

Doctorando: Luciene Jouan Dias Coelho

Directoras: Dra. Eloisa Manzano Moreno y Dra. Margarida Genera i Monells

Fecha de lectura: 19/01/2016

- Aplicación de técnicas analíticas a la investigación de elementos constructivos de tierra

Doctorando: Gilson Fernandes Vieira

Directoras: Dra. Margarida Genera i Monells y Dra. María del Rosario Blanc García

Fecha de lectura: 19/01/2016

- Desarrollo y Validación de Metodologías Analíticas Aplicadas a la Investigación Estratégica Nutricional en Ciencias de la Salud

Doctorando: Ángela Santos Fandila

Director: Dr. Alberto Zafra Gómez, Dr. Alberto Navalón Montón y Dra. María Ramírez González

Fecha de defensa: 19/06/2015

Grupos de Investigación.

AGR27 Bioactive Ingredients

- Responsable: ANTONIO SEGURA CARRETERO

FQM33 QUIMICA ANALITICA Y CIENCIAS DE LA VIDA

- Responsable: ALBERTO NAVALÓN MONTÓN

FQM11 ESPECTROMETRÍA EN FÁSE SÓLIDA

- Responsable: LUIS FERMÍN CAPITÁN VALLVEY

FQM29 CONTROL ANALÍTICO AMBIENTAL, BIOQUÍMICO Y ALIMENTARIO

- Responsable: ALBERTO FERNANDEZ GUTIERREZ

FQM30 CALIDAD EN QUIMICA ANALITICA ALIMENTARIA, AMBIENTAL Y CLÍNICA (CQAC3)

- Responsable: ANA MARIA GARCIA CAMPAÑA

Dirección y participación en Proyectos I+D

- 2015 EFECTOS DE LA EXPOSICION A BISFENOL-A EN LA SALUD (CANCER Y ENFERMEDAD CORONARIA ISQUEMICA) EN EL ESTUDIO PROSPECTIVO EUROPEO SOBRE NUTRICION Y CANCER (EPIC-ESPAA), Instituto de Salud Carlos III, 12/01/- 2015 -29/12/2017

Investigador/a: JIMENEZ DIAZ, INMACULADA



Contratos de investigación

- 2015 Contrato de investigación, Contrato art. 11/45 LRU - 68/83 LOU, 01/02/- 2015 -31/08/- 2015
Investigador/a: ERENAS RODRÍGUEZ, MIGUEL MARÍA
- 2015 PRESTACION DE SERVICIOS GENERALES DE QUIMICA ANALITICA, Contrato art. 11/45 LRU - 68/83 LOU, 06/05/- 2015 -05/05/2017
Coordinador: ZAFRA GÓMEZ, ALBERTO
- 2015 ANÁLISIS TÉCNICO-CIENTÍFICO DE UNA PINTURA SOBRE LIENZO EN LA QUE APARECEN LAS SIGLAS RU, Contrato art. 11/45 LRU - 68/83 LOU, 29/05/- 2015 -
Coordinador: VÍLCHEZ QUERO, JOSE LUIS
Responsable: ZAFRA GÓMEZ, ALBERTO
- 2015 Programa de Fortalecimiento de las Capacidades I+D+i de la Universidad de Granada, , 01/01/- 2015 -30/06/- 2015
Investigador/a: MEDINA RODRÍGUEZ, SANTIAGO
- 2015 Contrato de investigación para el asesoramiento para la impresión y corte de membranas de nylon, Contrato art. 11/45 LRU - 68/83 LOU, 18/11/- 2015 -17/02/- 2016
Investigador/a: ERENAS RODRÍGUEZ, MIGUEL MARÍA
- 2015 Análisis y determinaciones analíticas en medicamentos y productos sanitarios enviados por laboratorios ROVI. S.A., Contrato art. 11/45 LRU - 68/83 LOU, 01/04/- 2015 -31/03/- 2016
Responsable: NAVAS IGLESIAS, NATALIA
- 2015 Escalado en la obtención de una heparina de bajo peso molecular. Estudios de caracterización necesarios para la presentación de la variación del dossier, Contrato art. 11/45 LRU - 68/83 LOU, 15/04/- 2015 -31/10/- 2016
Investigador/a: NAVAS IGLESIAS, NATALIA
- 2015 Nuevo proveedor para la obtención de una heparina de bajo peso molecular. Estudios de caracterización necesarios para la presentación de la variación del dossier, Contrato art. 11/45 LRU - 68/83 LOU, 15/04/- 2015 -31/10/- 2016
Responsable: NAVAS IGLESIAS, NATALIA
- 2015 Certificación y distribución de nueve materiales de referencia certificados (MRC) para análisis organoléptico de aceite de oliva (SensOLEO-MRC - 2015), Contrato art. 11/45 LRU - 68/83 LOU, 02/09/- 2015 -17/01/- 2016
Investigador/a: CARRASCO PANCORBO, ALEGRIA

Publicaciones en revistas

- 2016 Artículo: SIMULTANEOUS DETERMINATION OF QUINOLONE AND B-LACTAM RESIDUES IN RAW COW MILK SAMPLES USING ULTRASOUND-ASSISTED EXTRACTION PRIOR TO UHPLC-MS/MS ANALYSIS, Food Control, 60, , 382-393
BARRÓN BUENO, DOLORES
DORIVAL GARCÍA, NOEMÍ ISABEL
NAVALÓN MONTÓN, ALBERTO
ZAFRA GÓMEZ, ALBERTO
- 2016 Artículo: HYDROXYTYROSOL AND TYROSOL SULFATE METABOLITES PROTECT AGAINST OXIDIZED CHOLESTEROL PRO-OXIDANT EFFECT IN CACO-2 HUMAN ENTEROCYTE-LIKE CELLS, Food & Function (Print), 7, , 337-346
ZAFRA GÓMEZ, ALBERTO
- 2016 Artículo: Multicommuted flow injection method for fast photometric determination of phenolic compounds in commercial virgin olive oil samples, Talanta, 147, , 531-536
SAINZ GONZALO, FRANCISCO JAVIER
- 2016 Artículo: VALIDATED METHOD FOR THE DETERMINATION OF PERFLUORINATED COMPOUNDS IN PLACENTAL TISSUE SAMPLES BASED ON A SIMPLE EXTRACTION PROCEDURE FOLLOWED BY ULTRA-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY ANALYSIS, Talanta, 150, , 169-176
NAVALÓN MONTÓN, ALBERTO
RODRÍGUEZ GÓMEZ, ROCÍO
VÍLCHEZ QUERO, JOSE LUIS
ZAFRA GÓMEZ, ALBERTO
- 2016 Artículo: DETERMINATION OF SELECTED PARABENS, BENZOPHENONES, TRICLOSAN AND TRICLOCARBAN IN AGRICULTURAL SOILS AFTER AND BEFORE TREATMENT WITH COMPOST FROM SEWAGE SLUDGE. A LIXIVIATION STUDY, Talanta, 150, , 415-424
DORIVAL GARCÍA, NOEMÍ ISABEL
VÍLCHEZ QUERO, JOSE LUIS
ZAFRA GÓMEZ, ALBERTO
- 2016 Artículo: Bisphenol A and other phenols in human placenta from children with cryptorchidism or hypospadias, Reproductive Toxicology, , , -
BALLESTEROS GARCÍA, OSCAR
JIMENEZ DIAZ, INMACULADA



- 2016 Artículo: Development of a QuEChERS-based extraction method for the determination of destruxins in potato plants by UHPLC-MS/MS, *Talanta*, 146, , 815-822
ARROYO MANZANARES, NATALIA
GÁMIZ GRACIA, LAURA
GARCIA CAMPAÑA, ANA MARIA
- 2016 Artículo: Solid Phase Extraction as Sample Treatment for the Determination of Ochratoxin A in Foods: A Review, *Critical Reviews in Food Science and Nutrition*, , , -
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ARROYO MANZANARES, NATALIA
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HUERTAS PÉREZ, JOSÉ FERNANDO
- 2016 Artículo: Exposure to bisphenol A and behavior in school-age children, *Neurotoxicology*, 53, , 12-19
JIMENEZ DIAZ, INMACULADA
- 2016 Artículo: Advances in the application of chemiluminescence detection in liquid chromatography, *TrAC Trends in Analytical Chemistry*, 75, , 35-48
AIRADO RODRÍGUEZ, DIEGO
GARCIA CAMPAÑA, ANA MARIA
HUERTAS PÉREZ, JOSÉ FERNANDO
LARA VARGAS, FRANCISCO JESÚS
MORENO GONZALEZ, DAVID
- 2016 Artículo: Surface modified thread-based microfluidic analytical device for selective potassium analysis (Aceptado; Manuscript ID: ac-- 2016 -00633w.R1), *Analytical Chemistry*, , , -
CAPITÁN VALLVEY, LUIS FERMÍN
ERENAS RODRÍGUEZ, MIGUEL MARÍA
ORBE PAYÁ, IGNACIO DE
- 2016 Artículo: Applications of capillary electrophoresis with chemiluminescence detection in clinical, environmental and food analysis. A review, *Analytica chimica acta (Print)*, 913, , 22-40
AIRADO RODRÍGUEZ, DIEGO
GARCIA CAMPAÑA, ANA MARIA
HUERTAS PÉREZ, JOSÉ FERNANDO
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- 2016 Artículo: Development of a printed sensor for volatile organic compound detection at $\mu\text{g/L}$ -level, *Sensors and Actuators B*, 230, , 115-122
CAPITÁN VALLVEY, LUIS FERMÍN
SALINAS CASTILLO, ALFONSO
- 2016 Artículo: POLAR STIR-BARS FOR ISOLATION AND PRECONCENTRATION OF PERFLUOROALKYL SUBSTANCES FROM HUMAN MILK SAMPLES PRIOR TO ULTRA-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY ANALYSIS, *BIOANALYSIS*, 8, , 633-647
NAVALÓN MONTÓN, ALBERTO
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- 2016 Artículo: Polyelectrolyte Complexes of Low Molecular Weight PEI and Citric Acid as Efficient and Nontoxic Vectors for in Vitro and in Vivo Gene Delivery, *Bioconjugate chemistry*, 27, , 549-561
SALINAS CASTILLO, ALFONSO
- 2016 Artículo: The Effects of Light-Accelerated Degradation on the Aggregation of Marketed Therapeutic Monoclonal Antibodies Evaluated by Size-Exclusion Chromatography With Diode Array Detection., *Journal of Pharmaceutical Sciences*, 105, 4, 1405-1418
CAPITÁN VALLVEY, LUIS FERMÍN
NAVAS IGLESIAS, NATALIA
- 2016 Artículo: An evaluation of the impact of urban air pollution on paint dosimeters by tracking changes in the lipid MALDI-TOF mass spectra profile, *Talanta*, 155, , 53-61
NAVAS IGLESIAS, NATALIA
- 2016 Artículo: Printed electrodes structures as capacitive humidity sensors: A comparison, *Sensors and Actuators A:Physical*, 244, , 56-65
AGUDO ACEMEL, MANUEL
CAPITÁN VALLVEY, LUIS FERMÍN
- 2016 Artículo: Evaluation of a reconfigurable portable instrument for copper determination based on luminescent carbon dots, *Analytical and Bioanalytical Chemistry*, 408, , 3013-3020
ARIZA AVIDAD, MARÍA



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LAPRESTA FERNANDEZ, ALEJANDRO
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- 2016 Artículo en prensa: CYTOTOXIC, ANTIANGIOGENIC AND ANTITELOMERASE ACTIVITY OF GLUCOSYL- AND ACYL- RESVERATROL PRODRUGS AND RESVERATROL SULFATE METABOLITES, *Chembiochem* : a European Journal of Chemical Biology, , , -
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- 2016 Artículo: Zinc-modified nanopolymers improve the quality of resin-dentin bonded interfaces., *Clinical Oral Investigations*, 30, , -
MEDINA CASTILLO, ANTONIO LUIS
- 2016 Artículo: Flexible passive tag based on light energy harvesting for gas thresholddetermination in sealed environments, *SENSORS AND ACUATORS B: CHEMICAL*, 236, , 226-232
- CAPITÁN VALLVEY, LUIS FERMÍN
PEREZ DE VARGAS SANSALVADOR, ISABEL MARIA
- 2015 Artículo: High-Performance Liquid Chromatography method for the monitoring of the allium derivative propyl propane thiosulfonate used as natural additive in animal feed, *Food Analytical Methods*, 8, 4, 916-921
- ARROYO MANZANARES, NATALIA
GARCIA CAMPAÑA, ANA MARIA
LARA VARGAS, FRANCISCO JESÚS
- 2015 Artículo: Characterization of polyphenols, sugars, and other polar compounds in persimmon juices produced under different technologies and their assessment in terms of compositional variations, *FOOD CHEMISTRY*, 182, , 282-291
- FERNANDEZ GUTIERREZ, ALBERTO
JIMÉNEZ SÁNCHEZ, CECILIA
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SEGURA CARRETERO, ANTONIO
- 2015 Artículo: MATRIX SOLID PHASE DISPERSION FOR THE EXTRACTION OF SELECTED ENDOCRINE DISRUPTING CHEMICALS FROM HUMAN PLACENTAL TISSUE PRIOR TO UHPLC-MS/MS ANALYSIS, *Microchemical Journal*, 118, , 32-39
- BALLESTEROS GARCÍA, LUIS MIGUEL
BALLESTEROS GARCÍA, OSCAR
NAVALÓN MONTÓN, ALBERTO
VELA SORIA, FERNANDO
ZAFRA GÓMEZ, ALBERTO
- 2015 Artículo: Screening of hormone-like activities in bottled waters available in Southern Spain using receptor-specific bioassays, *Environment International*, 74, , 125-135
- JIMENEZ DIAZ, INMACULADA
- 2015 Artículo: DETERMINATION OF BENZOPHENONE-UV FILTERS IN HUMAN MILK SAMPLES USING ULTRASOUND-ASSISTED EXTRACTION AND CLEAN-UP WITH DISPERSIVE SORBENTS FOLLOWED BY UHPLC-MS/MS ANALYSIS, *Talanta*, 134, , 657-664
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- 2015 Artículo: HPLC-DAD-ESI-MS/MS screening of bioactive components from *Rhus coriaria* L. (Sumac) fruits, *Food Chemistry*, 116, , 179-191
- ABU REIDAH , IBRAHIM
ARRAEZ ROMAN, DAVID
SEGURA CARRETERO, ANTONIO
- 2015 Artículo: Nano-liquid chromatography coupled to time-of-flight mass spectrometry for phenolic profiling: A case study in cranberry syrups, *Talanta*, 132, , 929-938
- ARRAEZ ROMAN, DAVID
CONTRERAS GAMEZ, MARIA DEL MAR
FERNANDEZ GUTIERREZ, ALBERTO
SEGURA CARRETERO, ANTONIO
- 2015 Artículo: Assessment of the stability of proanthocyanidins and other phenolic compounds in cranberry syrup after gamma-irradiation treatment and during storage, *Food Chemistry*, 171, , 392-
- CONTRERAS GAMEZ, MARIA DEL MAR
FERNANDEZ GUTIERREZ, ALBERTO
QUIRANTES PINÉ, ROSA MARÍA
RODRIGUEZ PEREZ, CELIA
SEGURA CARRETERO, ANTONIO
- 2015 Artículo: Profile of phenolic compounds of Brazilian virgin olive oils by rapid resolution liquid



- chromatography coupled to electrospray ionisation time-of-flight mass spectrometry (RRLC-ESI-TOF-MS), *Food Chemistry*, 170, , 166-177
BAKHOUCHE, ABDELHAKIM
QUIRANTES PINÉ, ROSA MARÍA
SEGURA CARRETERO, ANTONIO
- 2015 Artículo: DETERMINATION OF TRICHLOROANISOLE AND TRICHLOROPHENOL IN WINERIES: AMBIENT AIR BY PASSIVE SAMPLING AND THERMAL DESORPTION-GAS CHROMATOGRAPHY COUPLED TO TANDEM MASS SPECTROMETRY, *Journal of Chromatography A*, 1380, , 11-16
ZAFRA GÓMEZ, ALBERTO
- 2015 Artículo en prensa: Inkjet-printed disposable metal complexing indicator-displacement assay for sulphide determination in water, *Analytica Chimica Acta*, 872, , 55-62
AGUDO ACEMEL, MANUEL
ARIZA AVIDAD, MARÍA
CAPITÁN VALLVEY, LUIS FERMÍN
SALINAS CASTILLO, ALFONSO
- 2015 Artículo: Study of modern artistic materials using combined spectroscopic and chromatographic techniques. Case study: painting with the signature ¿Picasso¿, *Analytical methods (Print)*, 7, , 1499-1508
MANZANO MORENO, ELOISA
NAVAS IGLESIAS, NATALIA
- 2015 Artículo en prensa: Use of an ionic liquid-based surfactant as pseudostationary phase in the analysis of carbamates by micellar electrokinetic chromatography, *Electrophoresis (Weinheim)*
DEL OLMO IRUELA, MARIA MONSALUD
GARCIA CAMPAÑA, ANA MARIA
MORENO GONZALEZ, DAVID
- 2015 Artículo en prensa: High-throughput methodology for the determination of thirty-three carbamates in herbal products by UHPLC-MS/MS, *Food Analytical Methods*, , , -
GÁMIZ GRACIA, LAURA
HUERTAS PÉREZ, JOSÉ FERNANDO
MORENO GONZALEZ, DAVID
- 2015 Artículo: A high-throughput method for the determination of quinolones in different matrices by ultra-high performance liquid chromatography with fluorescence detection, *Analytical methods (Print)*, 7, , 253-259
GARCIA CAMPAÑA, ANA MARIA
HUERTAS PÉREZ, JOSÉ FERNANDO
LOMBARDO AGÜÍ, MANUEL
- 2015 Artículo: Simple and efficient methodology to determine mycotoxins in cereal syrup, *FOOD CHEMISTRY*, , , -
GARCIA CAMPAÑA, ANA MARIA
HUERTAS PÉREZ, JOSÉ FERNANDO
- 2015 Artículo: Determination of quinolones in fish by ultra-high performance liquid chromatography with fluorescence detection using QuEChERS as sample treatment, *Food Control*, 50, , 864-868
CRUCES BLANCO, MARIA CARMEN
GÁMIZ GRACIA, LAURA
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LOMBARDO AGÜÍ, MANUEL
- 2015 Artículo: Long lifetime photoluminescence emission of 3D cadmium metal-organic frameworks based on the 5-(4-pyridyl)tetrazole ligand, *Inorganica Chimica Acta*, 427, , 131-137
SALINAS CASTILLO, ALFONSO
- 2015 Artículo: Aflatoxins in animal feeds: a straightforward and cost-effective analytical method, *Food Control*, 177, , 274-279
GARCIA CAMPAÑA, ANA MARIA
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- 2015 Artículo: Simple and efficient methodology to determine mycotoxins in cereal syrups, *FOOD CHEMISTRY*, 177, , 274-279
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- 2015 Artículo: A printed capacitive-resistive double sensor for toluene and moisture sensing, *SENSORS AND ACTUATORS B: CHEMICAL*, 210, , 542-549
- AGUDO ACEMEL, MANUEL
CAPITÁN VALLVEY, LUIS FERMÍN
- 2015 Artículo: Cantilever Fabrication by a Printing and Bonding Process, *Journal Of Microelectromechanical Systems*, , 99, -
- AGUDO ACEMEL, MANUEL
CAPITÁN VALLVEY, LUIS FERMÍN
- 2015 Artículo: Zearalenone and its metabolites in urine and breast cancer risk: A case-control study in Tunisia, *Chemosphere*, 128, , 1-6
- JIMENEZ DIAZ, INMACULADA
- 2015 Artículo: Vortex-assisted ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonyleurea herbicides in wine samples by capillary high-performance liquid chromatography, *FOOD CHEMISTRY*, 170, , 348-353
- DEL OLMO IRUELA, MARIA MONSALUD
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LARA VARGAS, FRANCISCO JESÚS
- 2015 Artículo: Cluster-based comparison of the peptide mass fingerprint obtained by MALDI-TOF mass spectrometry. A case study: long-term stability of rituximab, *Analyst (London. 1877. Print)*, 140, , 1717-1730
- NAVAS IGLESIAS, NATALIA
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- OLIVER RODRÍGUEZ, BARTOLOMÉ
VÍLCHEZ QUERO, JOSE LUIS
ZAFRA GÓMEZ, ALBERTO
- 2015 Artículo: IMPROVED SAMPLE TREATMENT FOR THE DETERMINATION OF 17 STRONG SORBED QUINOLONE ANTIBIOTICS FROM COMPOST BY ULTRA HIGH PERFORMANCE LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY, *Talanta*, 138, , 247-257
- DORIVAL GARCÍA, NOEMÍ ISABEL
ZAFRA GÓMEZ, ALBERTO
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NAVALÓN MONTÓN, ALBERTO
RODRÍGUEZ GÓMEZ, ROCÍO
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- 2015 Artículo: QUANTIFICATION OF B-HYDROXYMETHYLBUTYRATE AND LEUCINE BY ULTRAHIGH PERFORMANCE LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY AT DIFFERENT SITUATIONS AND STAGES OF A RODENT LIFE, *Electrophoresis*, 995, , 54-63
- ZAFRA GÓMEZ, ALBERTO
- 2015 Artículo: On the calibration of chemical sensors based on photoluminescence: Selecting the appropriate optimization criterion, *Sensors and Actuators B: Chemical*, 212, , 278-286
- FERNANDEZ GUTIERREZ, ALBERTO
FERNANDEZ SANCHEZ, JORGE FERNANDO
MEDINA RODRÍGUEZ, SANTIAGO
- 2015 Artículo: WIDE-RANGE AND ACCURATE MODELING OF LINEAR ALKYL BENZENE SULFONATE (LAS) ADSORPTION/DESORPTION ON AGRICULTURAL SOIL, *Chemosphere*, 138, , 148-155
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SEABRA DO REIS, MARCO PAULO
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- CANTARERO MALAGON, ANTONIO SAMUEL
MANZANO MORENO, ELOISA
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- 2015 Artículo: TOWARD A POTENTIAL 4,4'-(1,2,4,5-TETRAZINE-3,6-DIYL) DIBENZOIC SPACER TO CONSTRUCT METAL-ORGANIC FRAMEWORKS, *New Journal of Chemistry*, , , Ahead of print-
SALINAS CASTILLO, ALFONSO
- 2015 Artículo: Fast lifetime and amplitude determination in luminescenceexponential decays, *SENSORS AND ACUATORS B: CHEMICAL*, 216, , 595-602
CAPITÁN VALLVEY, LUIS FERMÍN
- 2015 Artículo: Wearable System for Monitoring of Oxygen Concentration in Breath Based on Optical Sensor, *IEEE Sensors Journal*, 15, 7, 4039-4045
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- 2015 Artículo: Identification and characterization of antioxidant peptides from chickpea protein hydrolysates, *FOOD CHEMISTRY*, 180, , 194-202
CONTRERAS GAMEZ, MARIA DEL MAR
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CAPITÁN VALLVEY, LUIS FERMÍN

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- 2015 Poster en Congreso: Analytical methodology for the control in eggs of residues of the allium derivative propyl propane thiosulfonate used as natural additive in feed, XV Reunión Científica de la Sociedad Española de Cromatografía y Técnicas Afines, 27/10/- 2015 , Castellón de la Plana,

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ARROYO MANZANARES, NATALIA



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- 2015 Poster en Congreso: Determination of Hippuric acid by LC-MS from NUHEAL cohort, 12th European Nutrition Conference - 2015 , 20/10/- 2015 , Berlin, Germany, Congreso
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- LOZANO SÁNCHEZ, JESÚS
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Trabajos Fin de Master

- Ciencias y Tecnologías Químicas (KHEMIA)
Título del TFM: Influencia de la madurez del fruto en el contenido de colorantes y fenoles en aceite de oliva
Masterando: Raquel Pérez Robles
Tutor: Dr. Luis Cuadros Rodríguez
Fecha de defensa: Julio 2015



- Ciencias y Tecnologías Químicas (KHEMIA)

Título del TFM: Cuantificación de biofenoles en aceite de oliva virgen de la variedad picual mediante cromatografía de líquidos

Masterando: Natali Solano Cuevas

Tutor: Dra. M^a Gracia Bagur González / Dr. Domingo Gázquez

Fecha de defensa: Julio 2015

- Ciencias y Tecnologías Químicas- Educación Secundaria Obligatoria y Bachillerato, Formación Profesional y Enseñanza de Idiomas (MAES-KHEMIA)

Título del TFM: Optimización del método y seguimiento analítico del amargor del aceite de oliva virgen en función de la madurez del fruto

Masterando: José Luis Hernández González

Tutor: Dr. Luis Cuadros Rodríguez

Fecha de defensa: Febrero 2016

- Educación Secundaria Obligatoria y Bachillerato, Formación Profesional y Enseñanza de Idiomas

Título del TFM: Desarrollo de la competencia matemática implicada en los cambios de estado de la materia para 4^º E.S.O

Masterando: Miguel Ángel García Salas

Tutor: Dr. Luis Cuadros Rodríguez

Fecha de defensa: Julio 2016

- Educación Secundaria Obligatoria y Bachillerato, Formación Profesional y Enseñanza de Idiomas

Título del TFM: El jigsaw como herramienta para el desarrollo de competencias en Química de 2^º de Bachillerato

Masterando: Francisco Javier Herrera Jiménez

Tutor: Dra. M^a Gracia Bagur González

Fecha de defensa: Julio 2016

- Educación Secundaria Obligatoria y Bachillerato, Formación Profesional y Enseñanza de Idiomas

Título del TFM: La Química viene a cuento

Masterando: Ana Zafra Ruano

Tutor: Dra. M^a Gracia Bagur González

Fecha de defensa: Julio 2016

- Investigación, Desarrollo, Control e Innovación de Medicamentos

Título del TFM: Dispositivo microfluídico en papel para la determinación colorimétrica de glucosa basado en un MOF como mimético de peroxidasa

Masterando: Inmaculada Ortiz Gómez

Tutor: Dr. Alfonso Salinas Castillo / Dr. Ignacio de Orbe Payá

Fecha de defensa: Julio 2016

- Ciencias y Tecnologías Químicas (KHEMIA)

Título del TFM: Estudio in vivo de la absorción y metabolismo de los compuestos fenólicos procedentes de un extracto de romero con propiedades anticancerígenas demostradas

Masterando: Álvaro Fernández Ochoa

Tutor: Dr. David Arráez Román

Fecha de defensa: Septiembre 2015

- Avances en Calidad y Tecnología Alimentaria

Título del TFM: Efecto del proceso de filtración en la calidad del aceite de oliva: determinación del contenido en humedad, metil, etil y alquil ésteres

Masterando: Francisco Pablo Jiménez Frías

Tutor: Dr. Antonio Segura Carretero

Fecha de defensa: Septiembre 2015

- Avances en Calidad y Tecnología Alimentaria

Título: Determinación de antibióticos β -lactámicos en alimentos infantiles mediante cromatografía líquida de ultra-alta resolución y espectrometría de masas.

Masteranda: Raquel Rodríguez Ramírez

Tutora: Dra. Ana M. García Campaña / Dr. David Moreno González

Fecha de defensa: Julio 2015

- Ciencias y Tecnologías Químicas (KHEMIA)

Título: Optimización y validación de un método para la determinación de natamicina y sorbato potásico en recubrimientos plásticos mediante cromatografía líquida de alta resolución.

Masteranda: Susana Gámez Cruz

Tutoras: Dra. Ana M. García Campaña / Dra. Paloma Abad Campos

Fecha de defensa: Julio 2015

- Ciencias y Tecnologías Químicas (KHEMIA)

Título: Determinación de patulina en zumo de manzana mediante extracción en fase sólida con polímeros de impresión molecular (MIP) y HPLC capilar

Masteranda: Ana Escamilla Sáez

Tutora: Dra. Laura Gámiz Gracia

Fecha de defensa: Diciembre 2015



- Avances en Calidad y Tecnología Alimentaria

Título: Determinación de drogas de abuso empleadas en sumisión química mediante cromatografía líquida capilar en muestras biológicas y no biológicas.

Masteranda: Elena Álvarez González

Tutores: Dra. Carmen Cruces Blanco / Dr. Maykel Hernández Mesa

Fecha de defensa: Julio 2016

- Ciencias y Tecnologías Químicas (KHEMIA)

Título: Determinación de Quinolonas en Compost Mediante Extracción por Microondas Asistida por SALLE y Cromatografía de Líquidos Acoplada a Espectrometría de Masas en Tándem

Masterando: Carlos Labajo Recio

Tutor: : Dr. Alberto Zafra Gómez

Fecha de defensa: Julio 2015