

Ficha de grupo de investigación

CONTROL ANALÍTICO AMBIENTAL, BIOQUÍMICO Y ALIMENTARIO

Código: FQM297

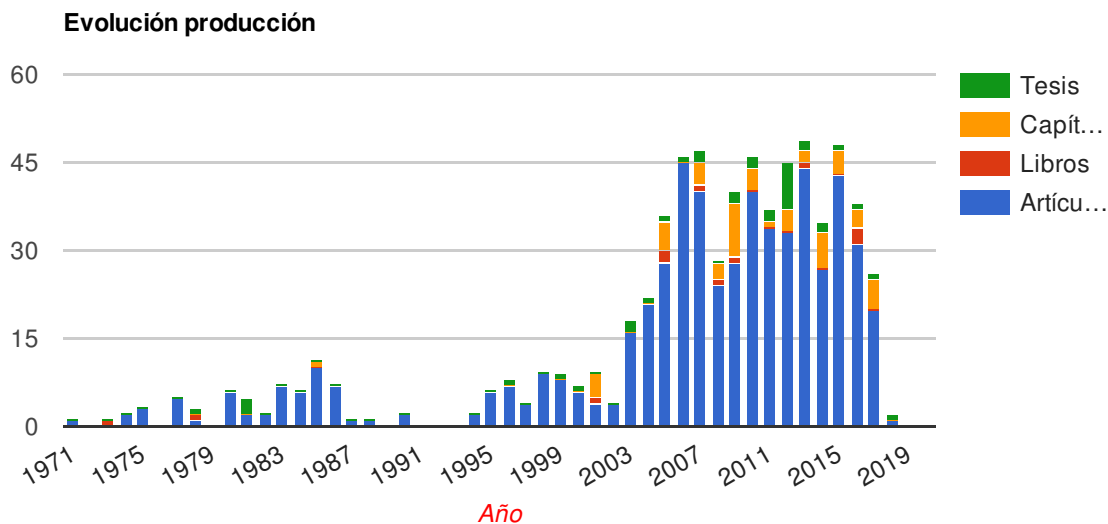
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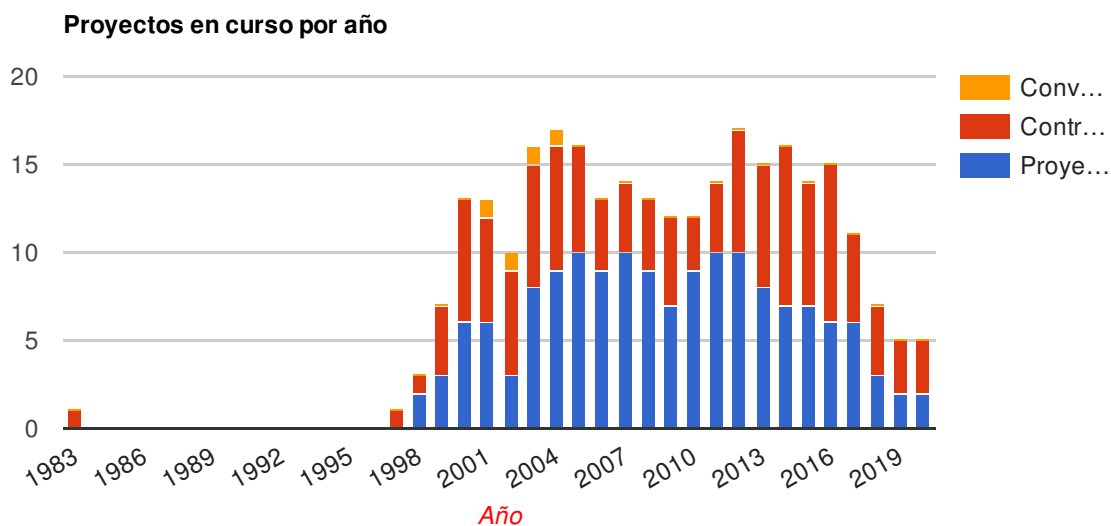
Producción 1110

- Artículos (952)
- Libros (19)
- Capítulos de Libros (90)
- Tesis dirigidas (49)



Proyectos dirigidos 98

- Proyectos (44)
- Contratos (53)
- Convenios (1)



Actividades 23

Titulo publicación	Fuente	Tipo	Fecha
Implementación de una plataforma analítica hptlc-bioensayo-ms de efecto dirigido para la identificación de compuestos bioactivos en chirimoya (<i>annona cherimola mill</i>)	Facultad de farmacia	Tesis doctoral	2018
Phenolic compounds from edible algae: bioactivity and health benefits	Current medicinal chemistry	Articulo	2018
A microfluidic device with integrated coaxial nanofibre membranes for optical determination of glucose	Sensors and actuators b: chemical	Articulo	2017
Ampk modulatory activity of olive±tree leaves phenolic compounds: bioassay-guided isolation on adipocyte model and in silico approach	Plos one	Articulo	2017
Bioactive compounds from <i>lippia citriodora</i> : application in disease prevention	Occurences, structure, bioshynthesis and health benefits based on their evidences of medical phytochemicals in vegetables and fruits	Capítulo de libro	2017
Composition and analysis of functional components of olive leaves	Olives and olive oil as functional foods: bioactivity, chemistry and processing	Capítulo de libro	2017
Correlation between the cellular metabolism of quercetin and its glucuronide metabolite and oxidative stress in hypertrophied 3t3-l1 adipocytes	Phytomedicine	Articulo	2017
Design of sonotrode ultrasound-assisted extraction of phenolic compounds from <i>psidium guajava l.</i> leaves	Food analytical methods	Articulo	2017
Development of new green processes for the recovery of bioactives from <i>phaeodactylum tricornutum</i>	Food research international	Articulo	2017
Evaluation of the intestinal permeability of rosemary (<i>rosmarinus officinalis l.</i>) extract polyphenols and terpenoids in caco-2 cell monolayers	Plos one	Articulo	2017
Green compressed fluid technologies for downstream processing of <i>scenedesmus obliquus</i> in a biorefinery approach	Algal research	Articulo	2017
Health effects of <i>psidium guajava l.</i> leaves: an overview of the last decade	International journal of molecular sciences	Articulo	2017
Immunomodulatory properties of <i>olea europaea</i> leaf extract in intestinal inflammation.	Molecular nutrition and food research	Articulo	2017
Ions-modified nanoparticles affect functional remineralization and energy dissipation through the resin-dentin interface.	Journal of the mechanical behavior of biomedical materials	Articulo	2017
Iridium complexes in the development of optical sensors	Iridium(iii) in optoelectronic and photonics applications	Capítulo de libro	2017
Long-term effects of dha and/or 5-mthf supplementation in pregnant women on their offspring¿s fatty acids status, neurodevelopment and behavior.	Universidad de granada. facultad de medicina. departamento de pediatría.	Tesis doctoral	2017
Metabolic profiling approach to determine phenolic compounds of virgin olive oil by direct injection	Food chemistry	Articulo	2017
Natural phenolic compounds and parkinson¿s disease	Phenolic compounds: types, effects and research	Capítulo de libro	2017
New approaches for the selective extraction of bioactive compounds employing bio-based solvents and pressurized green processes	The journal of supercritical fluids	Articulo	2017
Olive oil enrichment in phenolic compounds during malaxation in the presence of olive leaves or olive mill wastewater extracts	European journal of lipid science and technology	Articulo	2017

Protective effect of globularia alypum leaves against deltamethrin-induced nephrotoxicity in rats and determination of its bioactive compounds using high-performance liquid chromatography coupled with electrospray ionization tandem quadrupole-time-of	Journal of functional foods	Articulo	2017
Psidium guajava l. leaves as source of proanthocyanidins: a study of the degree of polymerization in different guava leaves by np-hplc-fld-esi-ms	Journal of pharmaceutical and biomedical analysis	Articulo	2017
Psidium guajava l. leaves as source of proanthocyanidins: optimization of the extraction method by rsm and study of the degree of polymerization by np-hplc-fld-esi-ms	Journal of pharmaceutical and biomedical analysis	Articulo	2017
Real-time optimal combination of multifrequency information in phase-resolved luminescence spectroscopy based on rectangular-wave signals	Sensors and actuators b: chemical	Articulo	2017
Rosemary phenolic compounds as potential source of bioactive compounds against colorectal cancer: in-situ absorption and metabolism study	Journal of functional foods	Articulo	2017
Subcritical water extraction and neof ormation of antioxidants	Water extraction of bioactive compounds	Capítulo de libro	2017
Uhplc/ms2-based approach for the comprehensive metabolite profiling of bean (vicia faba l.) by-products: a promising source of bioactive constituents	Food research international	Articulo	2017
Use of hplc- and gc-qtof to determine hydrophilic and lipophilic phenols in mango fruit (mangifera indica l.) and its by-products	Food research international	Articulo	2017
A novel optical biosensor for direct and selective determination of serotonin in serum by solid surface-room temperature phosphorescence	Biosensors & bioelectronics	Articulo	2016
Advanced analytical techniques for the isolation of phenolic compounds in medicinal plants	Analytical and processing techniques (vol 41). recent progress in medicinal plants	Capítulo de libro	2016
Analytical, agronomic, and biological evaluation of phenolic compounds in olea europaea products and by-products	Universidad de granada	Tesis doctoral	2016
Antibacterial activity of isolated phenolic compounds from cranberry (vaccinium macrocarpon) against escherichia coli	Food & function	Articulo	2016
Antiinflammatory and immunomodulatory activity of an ethanolic extract from the stem bark of terminalia catappa l. (combretaceae): in vitro and in vivo evidences	Journal of ethnopharmacology	Articulo	2016
Bioactive polymeric nanoparticles for periodontal therapy.	Plos one	Articulo	2016
Comprehensive, untargeted and qualitative rp-hplc-esi-qtof/ms2 metabolite profiling of green asparagus (asparagus officinalis)	Journal of food composition and analysis	Articulo	2016
Determination of guava (psidium guajava l.) leaf phenolic compounds using hplc-dad-qtof-ms	Journal of functional foods	Articulo	2016
Determination of guava (psidium guajava l.) leaf phenolic compounds using hplc-dad-qtof-ms	Journal of functional foods	Articulo	2016
Determination of lipid composition of two principal cherimoya cultivars grown in andalusian region	Lwt-food science and technology	Articulo	2016
Determination of lipophilic and hydrophilic bioactive compounds in raw and parboiled rice bran	Rsc advances	Articulo	2016

Determination of lipophilic and hydrophilic bioactive compounds in raw and parboiled rice bran	Hsc advances: an international journal to further the chemical sciences	Articulo	2016
Dietary high oleic canola oil supplemented with docosahexaenoic acid attenuates plasma proprotein convertase subtilisin kexin type 9 (pcsk9) levels in participants with cardiovascular disease risk: a randomized control trial	Vascular pharmacology	Articulo	2016
Direct estimation of the standard error in phase-resolved luminescence measurements. application to an oxygen measuring system	Sensors and actuators b: chemical	Articulo	2016
Docosahexaenoic acid attenuates cardiovascular risk factors via a decline in proprotein convertase subtilisin/kexin type 9 (pcsk9) plasma levels	Lipids	Articulo	2016
Evaluating the potential of lc coupled to three alternative detection systems (esi-it, apci-tof and dad) for the targeted determination of triterpenic acids and dialcohols in olive tissues	Talanta	Articulo	2016
Exploratory characterization of phenolic compounds with demonstrated anti-diabetic activity in guava leaves at different oxidation states	International journal of molecular sciences	Articulo	2016
From olive fruits to olive oil: phenolic compounds transfer in six different olive cultivars grown under the same agronomical conditions	International journal of molecular sciences	Articulo	2016
Further exploring the absorption and enterocyte metabolism of quercetin forms in the caco-2 model using nano-lc-tof-ms	Electrophoresis (weinheim. internet)	Articulo	2016
Geographical indication labels in moroccan olive oil sector: territorial dimension and characterization of typicality. a case study of meknès region	Products from olive tree	Capítulo de libro	2016
Green downstream processing using supercritical carbon dioxide, co2-expanded ethanol and pressurized hot water extractions for recovering bioactive compounds from moringa oleifera leaves	Journal of supercritical fluids	Articulo	2016
Hplc-dad-esi-qtof-ms and hplc-fld-ms as valuable tools for the determination of phenolic and other polar compounds in the edible part and by-products of avocado	Lwt-food science and technology	Articulo	2016
Hplc-dad-q-tof-ms as a powerful platform for the determination of phenolic and other polar compounds in the edible part of mango and its by-products (peel, seed, and seed husk)	Electrophoresis (weinheim. internet)	Articulo	2016
High performance optical oxygen sensors based on iridium complexes exhibiting interchromophore energy shuttling	The analyst	Articulo	2016
In-depth two-years study of phenolic profile variability among olive oils from autochthonous and mediterranean varieties in morocco, as revealed by a lc-ms chemometric profiling approach	International journal of molecular sciences	Articulo	2016
Manual de química analítica para ingenieros químicos	Editorial tecnica avicam	Libros	2016
Metodología y tratamiento de los fenómenos químicos	Godel	Libros	2016
Módulos plat-eeeg para medidas laplacianas con electrodo seco	Cognitive area networks	Articulo	2016
New insight into the cholesterol-lowering effect of phytosterols in rat cardiomyocytes	Food research international	Articulo	2016
Novel optical sensing film based on a functional nonwoven nanofibre mat for an easy, fast and highly		Articulo	2016

selective and sensitive detection of tryptamine in beer			
Optimization of microwave-assisted extraction and pressurized liquid extraction of phenolic compounds from moringa oleifera leaves by multi-response surface methodology	Electrophoresis (weinheim. internet)	Articulo	2016
Optimization of microwave-assisted extraction and pressurized liquid extraction of phenolic compounds from moringa oleifera leaves by multiresponse surface methodology	Electrophoresis (weinheim. internet)	Articulo	2016
Phenolic compounds and in vitro immunomodulatory properties of three andalusian olive leaf extracts	Journal of functional foods	Articulo	2016
Potential of lc coupled to fluorescence in food metabolomics: determination of phenolic compounds in virgin olive oil	International journal of molecular sciences	Articulo	2016
Properties and applications of polysaccharides green polymer composites for anti-bacterial and anti-fogging coatings in food	Green polymer composites technology: properties and applications	Capítulo de libro	2016
Usefulness of phenolic profile in the classification of extra virgin olive oils from autochthonous and introduced cultivars in tunisia	European food research and technology	Articulo	2016
Uso de diferentes sistemas de detección acoplados a la electroforesis capilar	Universidad de granada	Libros	2016
Zinc-modified nanopolymers improve the quality of resin-dentin bonded interfaces.	Clinical oral investigations	Articulo	2016
A bioguided identification of the active compounds that contribute to the antiproliferative/cytotoxic effects of rosemary extract on colon cancer cells	Food and chemical toxicology	Articulo	2015
Analysis of oligomer proanthocyanidins in different barley genotypes using hplc-fld-ms and nir methodologies	Journal of agricultural and food chemistry	Articulo	2015
Assessment of the stability of proanthocyanidins and other phenolic compounds in cranberry syrup after gamma-irradiation treatment and during storage	Food chemistry	Articulo	2015
Bioactive compounds in the olive leaf: introducing hands-on hplcms and nmr in the undergraduate curricula.	Journal of chemical education	Articulo	2015
Bioactive compounds in the olive leaf. introducing hands-on hplc-ms and nmr in the undergraduate curricula	The chemical educator	Articulo	2015
Chapter 9 bioactive phenolic compounds from olea europaea. a challenge for analytical chemistry	Olive and olive oil bioactive microconstituents	Capítulo de libro	2015
Characterization of phenolic compounds, anthocyanidin, antioxidant and antimicrobial activity of 25 varieties of mexican roselle	Industrial crops and products	Articulo	2015
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	Articulo	2015
Characterization of supports activated with divinyl sulfone as a tool to immobilize and stabilize enzymes via multipoint covalent attachment. application to chymotrypsin	Rsc advances: an international journal to further the chemical sciences	Articulo	2015
Chemometric analysis for the evaluation of phenolic patterns in olive leaves from six cultivars at different growth stages	Journal of agricultural and food chemistry	Articulo	2015
Comparing two metabolic profiling approaches (liquid chromatography and gas chromatography coupled to mass spectrometry) for extra-virgin olive oil phenolic	Journal of chromatography a	Articulo	2015

mass spectrometry for extra high efficiency phenolic compounds analysis: a botanical classification perspective.	Journal of chromatography & analytics	Artículo	2015
Comparison of different analytical classification scenarios: application for the geographical origin of edible palm oil by sterolic (np) hplc fingerprinting	Analytical methods	Artículo	2015
Comprehensive metabolite profiling of arum palaestinum (araceae) leaves by using liquid chromatography-tandem mass spectrometry	Food research international	Artículo	2015
Comprehensive, untargeted, and qualitative rp-hplc-esi-qtof/ms2 metabolite profiling of green asparagus (asparagus officinalis)	Journal of food composition and analysis	Artículo	2015
Copper(i) complexes as alternatives to iridium(iii) complexes for highly efficient oxygen sensing	Chemical communications	Artículo	2015
Desarrollo de nuevos materiales para la determinación y/o eliminación de analitos con interés ambiental	Facultad de ciencias, universidad de granada	Tesis doctoral	2015
Determination of polar compounds in guava leaves infusions and ultrasound aqueous extract by hplc-esi-ms	Journal of chemistry	Artículo	2015
Determination of phenolic compounds and antioxidant activity of a mediterranean plant: the case of satureja montana subsp. kitaibelii	Journal of functional foods	Artículo	2015
Differential metabolomic analysis of the potential antiproliferative mechanism of olive leaf extract on the jimt-1 breast cancer cell line	Journal of pharmaceutical and biomedical analysis	Artículo	2015
Downstream processing of isochrysis galbana: a step towards microalgal biorefinery	Green chemistry	Artículo	2015
Emerging green technologies for the extraction of phenolic compounds from medicinal plants	Recent progress in medicinal plants	Capítulo de libro	2015
Evaluation of different functional groups for covalent immobilization of enzymes in the development of an optical glucose biosensor	Analytical methods	Artículo	2015
First comprehensive characterization of volatile profile of north moroccan olive oils: a geographic discriminant approach	Food research international	Artículo	2015
Hplc-dad-esi-ms/ms screening of bioactive components from rhus coriaria l. (sumac) fruits	Food chemistry	Artículo	2015
Identification and quantification of phenolic and other polar compounds in the edible part of annona cherimola and its by-products by hplc-dad-esi-qtof-ms	Food research international	Artículo	2015
Lc-ms-based metabolite profiling of methanolic extracts from the medicinal and aromatic species mentha pulegium and origanum majorana	Phytochemical analysis	Artículo	2015
Lemon verbena (lippia citriodora) polyphenols alleviate obesity-related disturbances in hypertrophic adipocytes through ampk-dependent mechanisms	Phytomedicine	Artículo	2015
Metabolite profiling of anti-diabetic sclerocarya birrea stem-bark extracts through reversed-phase high-performance liquid chromatography coupled to electrospray ionization quadrupole-time-of-flight tandem mass spectrometry (rp-hplc-esi-qtof/ms2)	Industrial crops and products	Artículo	2015
Nano-liquid chromatography coupled to time-of-flight mass spectrometry for phenolic profiling: a case study in cranberry syrups	Talanta	Artículo	2015
Nano-liquid chromatography coupled to time-of-flight mass spectrometry for phenolic profiling: a case study in	Talanta	Artículo	2015

cranberry syrups			
On the calibration of chemical sensors based on photoluminescence: selecting the appropriate optimization criterion	Sensors and actuators b: chemical	Articulo	2015
Optimization of extraction method to obtain a phenolic compounds-rich extract from moringa oleifera lam leaves	Industrial crops and products	Articulo	2015
Pattern of variation of fruit traits and phenol content in olive fruits from six different cultivars	Journal of agricultural and food chemistry	Articulo	2015
Permeability study of polyphenols derived from a phenolic-enriched hibiscus sabdariffa extract by uhplc-esi-uhrr-qc-tof-ms	International journal of molecular sciences	Articulo	2015
Phenolic compounds in olive leaves: analytical determination, biotic and abiotic influence, and health benefits	Food research international	Articulo	2015
Proanthocyanidins in agro-industrial by-products: health benefits	Occurrences, structure, biosynthesis, and health benefits based on their evidences of medicinal phytochemicals in vegetables and fruits	Capítulo de libro	2015
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	Articulo	2015
Protocol for the analysis of phenolic compounds using nano-liquid chromatography-mass spectrometry and caco-2 assays: from the evaluation of the uptake to the enterocyte metabolism	Nature protocols.	Articulo	2015
Rp-hplc-esi-qtof/ms2 based strategy for the comprehensive metabolite profiling of sclerocarya birrea (marula) bark	Industrial crops and products	Articulo	2015
Rockroses (cistus) oils.	Essential oils in food preservation, flavour and safety, 1st edition	Capítulo de libro	2015
Screening of bioactive compounds from mentha pulegium and origanum majorana using uhplc/esiqtof-ms	Phytochemical analysis	Articulo	2015
The promiscuous and synergic molecular interaction of polyphenols in bactericidal activity: an opportunity to improve the performance of antibiotics?	Phytotherapy research	Articulo	2015
The impact of polyphenols in chondrocyte growth and survival: a preliminary report	Food & nutrition research	Articulo	2015
The impact of polyphenols on chondrocyte growth and survival: a preliminary report	Food & nutrition research	Articulo	2015
Time course of algerian azeradj extra-virgin olive oil quality during olive ripening	European journal of lipid science and technology	Articulo	2015
Trends in chemical characterization of virgin olive oil phenolic profile: an overview and new challenges.	Olivae	Articulo	2015
Use of air classification technology as green process to produce functional barley flours naturally enriched of alkylresorcinols, β -glucans and phenolic compounds.	Food research international	Articulo	2015
Volatile profile of spanish cistus plants as sources of antimicrobials for industrial applications.	Industrial crops and products	Articulo	2015
A chemometric approach to determine the phenolic compounds in different barley samples by two different stationary phases: a comparison between c18 and pentafluorophenyl core shell columns	Journal of chromatography a	Articulo	2014
A new extraction approach to correct the effect of			

A new extraction approach to correct the effect of apparent increase in the secoiridoid content after filtration of extra-virgin olive oil	Talanta	Articulo	2014
A sensing microfibre mat produced by electrospinning for the turn-on luminescence determination of hg2+ in water samples	Sensors and actuators b: chemical	Articulo	2014
Antioxidant capacity of 44 cultivars of fruits and vegetables grown in andalusia (spain)		Articulo	2014
Antioxidant capacity of 44 cultivars of fruits and vegetables grown in andalusia (spain)	Food research international	Articulo	2014
Chapter 3: phenolic compounds and saponins in plants grown under different irrigation regimes	Polyphenols in plants	Capítulo de libro	2014
Characterization of nutraceuticals and their metabolic profile	Nutraceuticals and functional foods: natural remedy	Capítulo de libro	2014
Computer-aided discovery of biological activity spectra for anti-aging and anti-cancer olive oil oleuropeins	Aging	Articulo	2014
Desarrollo de nuevas estrategias para la caracterización e identificación de compuestos bioactivos en fuentes vegetales	Universidad de granada	Tesis doctoral	2014
Determination of avocado fruit metabolites by uhplc-ms: complementarity with other analytical platforms	Ultra performance liquid chromatography-mass spectrometry: evaluation and applications in food analysis	Capítulo de libro	2014
Determination of phenolic compounds of 'sikitita'; olive leaves by hplc-dad-tof-ms. comparison with its parents 'arbequina'; and 'picual'; olive leaves	Lwt-food science and technology	Articulo	2014
Determination of phenolic compounds of 'sikitita'; olive leaves by hplc-dad-tof-ms. comparison with its parents 'arbequina'; and 'picual'; olive leaves	Lwt ; food science and technology	Articulo	2014
Direct observation of reversible electronic energy transfer involving an iridium centre	Inorganic chemistry	Articulo	2014
Distribution of phenolic compounds and other polar compounds in the tuber of solanum tuberosum l. by hplc-dad-q-tof-ms and study of their antioxidant activity	Journal of food composition and analysis	Articulo	2014
Electrophoretic deposition as a new approach to produce optical sensing films adaptable to microdevices	Nanoscale	Articulo	2014
Evaluation of a simple pc-based quadrature detection method at very low snr for luminescence spectroscopy	Sensors and actuators b: chemical	Articulo	2014
From wastes to added value by-products: an overview on chemical composition and healthy properties of bioactive compounds of olive oil chain by-products	Virgin olive oil, production, composition, uses and benefits for man	Capítulo de libro	2014
Hibiscus sabdariffa extract lowers blood pressure and improves endothelial function	Molecular nutrition and food research	Articulo	2014
Identification and quantification of phenolic compounds in diverse cultivars of eggplant grown in different seasons by high-performance liquid chromatography coupled to diode array detector and electrospray-quadrupole-time of flight-mass spectrometry	Food research international	Articulo	2014
Improved multifrequency phase-modulation method that uses rectangular-wave signals to increase accuracy in luminescence spectroscopy	Analytical chemistry	Articulo	2014
Influence of pearling process on phenolic and saponin content in quinoa (chenopodium quinoa willd)	Food chemistry	Articulo	2014
	Oxidative stress and inflammation in		

Molecular promiscuity of plant polyphenols in the management of age-related diseases: far beyond their antioxidant properties	Oxidative stress and inflammation in non-communicable diseases ¿ molecular mechanisms and perspectives in therapeutics, advances in experimental medicine and biology	Capítulo de libro	2014
Monitoring the moisture reduction and status of bioactive compounds in extra-virgin olive oil over the industrial filtration process	Food control	Artículo	2014
Phenolic compounds in flaxseed: a review of their properties and analytical methods. an overview of the last decade	Journal of oleo science	Artículo	2014
Polyphenols and modulation of gene expression pathways: can we eat our way out of the danger of chronic disease?	Critical reviews in food science and nutrition	Artículo	2014
Polyphenols from the mediterranean diet: structure, analysis and health evidence	Occurrences, structure, biosynthesis, and health benefits based on their evidences of medicinal phytochemicals in vegetables and fruits	Capítulo de libro	2014
Pomegranate seeds as a source of nutraceutical oil naturally rich in bioactive lipids	Food research international	Artículo	2014
Quantitative characterization of important metabolites of avocado fruit by gas chromatography coupled to different detectors (apci-tof ms and fid).	Food research international	Artículo	2014
Rosmarinus officinalis leaves as a natural source of bioactive compounds	International journal of molecular sciences	Artículo	2014
Simple and flexible microfabrication of optical biosensing films using electrophoretic deposition	Austin journal of analytical and pharmaceutical chemistry	Artículo	2014
Tentative characterisation of iridoids, phenylethanoid glycosides and flavonoid derivatives from globularia alypum l. (globulariaceae) leaves by lc-esi-qtof-ms	Phytochemical analysis	Artículo	2014
Tentative characterization of iridoids, phenylethanoid glycosides, and flavonoid derivatives from globularia alypum l. (globulariaceae) leaves by lc-esi-qtof-ms	Phytochemical analysis	Artículo	2014
Uhlpc-esi-qtof-ms-based metabolic profiling of vicia faba l. (fabaceae) seeds as a key strategy for characterization in foodomics	Electrophoresis (weinheim. internet)	Artículo	2014
Uplc-esi-q-tof-ms for a rapid characterization of phenolic compounds from leaves of myrtus communis l		Artículo	2014
Uso de técnicas separativas acopladas a espectrometría de masas de alta resolución para estudios metabolómicos de nutraceuticos y matrices vegetales	Universidad de granada. facultad de ciencias	Tesis doctoral	2014
A metabolite profiling approach to assess the uptake and metabolism of phenolic compounds from olive leaves in skbr3 cells by hplc-esi-qtof-ms	Journal of pharmaceutical and biomedical analysis	Artículo	2013
A metabolite-profiling approach allows the identification of new compounds from pistacia lentiscus leaves	Journal of pharmaceutical and biomedical analysis	Artículo	2013
A new highly sensitive and versatile optical sensing film for controlling co2 in gaseous and aqueous media	Sensors and actuators b: chemical	Artículo	2013
A novel tridentate bis(phosphinic acid)-phosphine oxide based europium(iii)-selective nafion membrane luminescent sensor	The analyst	Artículo	2013
An open and low-cost optical-fiber measurement system for the optical detection of oxygen using a multifrequency phase-resolved method	Sensors and actuators b: chemical	Artículo	2013

Antioxidant activity evaluation of new dosage forms as vehicles for dehydrated vegetables	Plant foods for human nutrition	Articulo	2013
Bioactive lipids in the butter production chain from parmigiano reggiano cheese area	Journal of the science of food and agriculture	Articulo	2013
Caracterización de compuestos fenólicos en matrices vegetales de alto consumo en andalucía mediante técnicas analíticas avanzadas		Tesis doctoral	2013
Characterization of phenolic compounds by hplc-tof/it/ms in buds and open flowers of ¿chemlali¿ olive cultivar	Phytochemical analysis	Articulo	2013
Comparative characterization of phenolic and other polar compounds in spanish melon cultivars by using high-performance liquid chromatography coupled to electrospray ionization quadrupole-time of flight mass spectrometry	Food research international	Articulo	2013
Correlation between the antibacterial activity and the composition of extracts derived from various spanish cistus species	Food and chemical toxicology	Articulo	2013
Determination of changes in the metabolic profile of avocado fruits (persea americana) by two capillary electrophoresis-mass spectrometry approaches (targeted and non-targeted)	Electrophoresis	Articulo	2013
Determination of changes in the metabolic profile of avocado fruits (persea americana) by two capillary electrophoresis-mass spectrometry approaches (targeted and non-targeted).	Electrophoresis (weinheim. internet)	Articulo	2013
Determination of the major phenolic compounds in pomegranate juices by hplc-dad-esi- ms	Journal of agricultural and food chemistry	Articulo	2013
Development of a microwave-assisted extraction for the analysis of phenolic compounds from rosmarinus officinalis	Journal of food engineering	Articulo	2013
Effect of β -irradiation on proanthocyanidins in american cranberry (vaccinium macrocarpon).	Proceedings of 6th international symposium on high pressure processes technology	Capítulo de libro	2013
Evaluation of gas chromatography-atmospheric pressure chemical ionization-mass spectrometry as an alternative to gas chromatography-electron ionization-mass spectrometry: avocado fruit as example.	Journal of chromatography a	Articulo	2013
Evaluation of new fruit juice processing and extraction technologies	Proceedings of 6th international symposium on high pressure processes technology	Capítulo de libro	2013
Extensive characterization of bioactive phenolic constituents from globe artichoke (cynara scolymus l.) by hplc-dad-esi-qtof-ms	Food chemistry	Articulo	2013
Fourier transform infrared spectroscopy-partial least squares (ftir-pls) coupled procedure application for the evaluation of fly attack on olive oil quality	Lwt-food science and technology	Articulo	2013
Glosario de terminos analiticos / glossary of analytical terms	Graseqa (grupo regional andaluz ¿ sociedad española de química analítica)	Libros	2013
Hplc-esi-qtof-ms as a powerful analytical tool for characterising phenolic compounds in olive leaf extracts	Phytochemical analysis	Articulo	2013
Hr-mas nmr metabolic profiling, furosine and (e)-10-hydroxy-2-decenoic acid for qualitative and geographical discrimination of royal jelly	Journal of apicultural research	Articulo	2013
Hg ²⁺ -selective sensing film based on the incorporation			

of a rhodamine 6g derivative into a novel hydrophilic water-insoluble copolymer	Analytical methods	Articulo	2013
High performance optical sensing nanocomposites for low and ultra-low oxygen concentrations using phase-shift measurements	The analyst	Articulo	2013
High-performance liquid chromatography coupled to diode array and electrospray time-of-flight mass spectrometry detectors for a comprehensive characterization of phenolic and other polar compounds in three pepper (<i>capsicum annum</i> L.) samples	Food research international	Articulo	2013
Identification of active compounds in vegetal extracts based on correlation between activity and hplc-ms data	Food chemistry	Articulo	2013
Identification of polyphenols and their metabolites in human urine after cranberry-syrup consumption	Food and chemical toxicology	Articulo	2013
Influence of olive ripeness on chemical properties and phenolic composition of chemlal extra-virgin olive oil	Food research international	Articulo	2013
Influence of olive ripeness on chemical properties and phenolic composition of chemlal extra-virgin olive oil.	Food research international	Articulo	2013
Influence of technological processes on phenolic compounds, organic acids, furanic derivatives, and antioxidant activity of whole-lemon powder.		Articulo	2013
Influence of technological processes on phenolic compounds, organic acids, furanic derivatives, and antioxidant activity of wholelemon powder	Food chemistry	Articulo	2013
Los fenoles del polen del género zea	Acta botánica mexicana	Articulo	2013
Merging a sensitive capillary electrophoresis-ultraviolet detection method with chemometric exploratory data analysis for the determination of phenolic acids and subsequent characterization of avocado fruit.	Food chemistry	Articulo	2013
Modelling the size and polydispersity of magnetic hybrid nanoparticles for luminescent sensing of oxygen	Microchimica acta	Articulo	2013
Monitoring the bioactive compounds status of extra-virgin olive oil and storage by-products over the shelf life	Food control	Articulo	2013
On-line spectral library for gas chromatography/atmospheric pressure chemical ionization-time of flight mass spectrometry.	Bioanalysis	Articulo	2013
Optimization of a solid phase extraction method and hydrophilic interaction liquid chromatography coupled to mass spectrometry for the determination of phospholipids in virgin olive oil	Food research international	Articulo	2013
Phenolic characterization and geographical classification of commercial arbequina extra-virgin olive oils produced in southern catalonia	Food research international	Articulo	2013
Phenylpropanoids and their metabolites are the major compounds responsible for blood-cell protection against oxidative stress after lippia citriodora administration in rats	Phytomedicine	Articulo	2013
Phytochemical characterisation of green beans (<i>phaseolus vulgaris</i> L.) by using high performance liquid chromatography coupled with time of flight mass spectrometry	Phytochemical analysis	Articulo	2013
Profiling of phenolic and other polar compounds in zucchini (<i>cucurbita pepo</i> L.) by reverse-phase high-performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry	Food research international	Articulo	2013

Profiling of phenolic and other polar constituents from hydro-methanolic extract of watermelon (<i>Citrullus lanatus</i>) by means of accurate-mass spectrometry (hplc-esi-qtof-ms)	Food research international	Artículo	2013
Reversed-phase ultra-performance liquid chromatography coupled to electrospray ionization¿quadrupole¿time-of-flight mass spectrometry as a powerful tool for metabolic profiling of vegetables: <i>Lactuca sativa</i> as an example of its application	Journal of chromatography a	Artículo	2013
Silibinin meglumine, a water-soluble form of milk thistle silymarin, is an orally active anti-cancer agent that impedes the epithelial-to-mesenchymal transition (EMT) in EGFR-mutant non-small-cell lung carcinoma cells	Food and chemical toxicology	Artículo	2013
Silibinin suppresses EMT-driven Erlotinib resistance by reversing the high miR-21/low miR-200c signature in vivo	Scientific reports	Artículo	2013
Stem cell-like aldehyde cellular states in EGFR-mutant non-small cell lung cancer: a novel mechanism of acquired resistance to Erlotinib targetable with the natural polyphenol silibinin		Artículo	2013
Síntesis de tireostáticos marcados con deuterio y de espongianos de origen marino		Tesis doctoral	2013
Xenohormetic and anti-aging activity of secoiridoid polyphenols present in extra virgin olive oil. A new family of geroprotective agents.	Cell cycle	Artículo	2013
A review of the methods used in the determination of flaxseed components	African journal of biotechnology	Artículo	2012
A new teaching method for bioactive compounds characterization through blended learning	Inted 2012. 6th international technology, education and development conference	Capítulo de libro	2012
A novel luminescent optical fibre probe based on immobilized tridentate bis(phosphinic amide)-phosphine oxide for europium(III) ion aqueous detection in situ	Sensors and actuators b	Artículo	2012
Aceite de oliva como alimento funcional: nuevas perspectivas analíticas y tecnológicas		Tesis doctoral	2012
Advanced analytical techniques for characterization of anthocyanins in fruits and vegetables	Anthocyanins: structure, biosynthesis and health benefits	Capítulo de libro	2012
Anthocyanins: structure, biosynthesis and health benefits (capítulo 8: advanced analytical techniques for characterization of anthocyanins in fruits and vegetables)	Anthocyanins: structure, biosynthesis and health benefits	Capítulo de libro	2012
Application of nanolc-esi-tof-ms for the metabolomic analysis of phenolic compounds from extra-virgin olive oil in treated colon-cancer cells	Journal of pharmaceutical and biomedical analysis	Artículo	2012
Bioavailability study of a polyphenol-enriched extract from <i>Hibiscus sabdariffa</i> in rats and associated antioxidant status	Molecular nutrition and food research	Artículo	2012
Characterization by high-performance liquid chromatography with diode-array detection coupled to time-of-flight mass spectrometry of the phenolic fraction in a cranberry syrup used to prevent urinary tract diseases, together with a study of its antib	Journal of pharmaceutical and biomedical analysis	Artículo	2012
Classification of 'chemlali' accessions according to the geographical area using chemometric methods of phenolic profiles analysed by hplc-esi-tof-ms	Food chemistry	Artículo	2012
Caracterización analítica de extractos vegetales y evaluación de su actividad biológica en modelos	Universidad de Granada, Granada,	Tesis	2012

Caracterización de la actividad biológica en modelos celulares y animales	españa	doctoral	2012
Caracterización de compuestos fenólicos mediante técnicas separativas acopladas a espectrometría de masas de extractos vegetales con bioactividad demostrada		Tesis doctoral	2012
Caracterización y estudios metabolómicos de compuestos fenólicos bioactivos mediante técnicas separativas acopladas a espectrometría de masas		Tesis doctoral	2012
Caractización de polifenoles de olivo tunecino con capacidad anticancerígena mediante cromatografía líquida acoplada a espectrometría de masas		Tesis doctoral	2012
Characterization by high-performance liquid chromatography with diode-array detection coupled to time-of-flight mass spectrometry of the phenolic fraction in a cranberry syrup used to prevent urinary tract diseases, together with a study of its antib	Journal of pharmaceutical and biomedical analysis	Articulo	2012
Characterization by high-performance liquid chromatography with diode-array detection coupled to time-of-flight mass spectrometry of the phenolic fraction in a cranberry syrup used to prevent urinary tract diseases, together with a study of its antib		Articulo	2012
Comparison of the composition of pinus radiata bark extracts obtained at bench- and pilot-scales	Industrial crops and products	Articulo	2012
Desarrollo de fases sensoras ópticas para el control de la calidad de aguas y vinos		Tesis doctoral	2012
Desarrollo de nuevas fases sensoras ópticas para el control de oxígeno molecular con aplicaciones biotecnológicas, industriales y clínicas		Tesis doctoral	2012
Determinación de contaminantes en lugares remotos y otros problemas analíticos		Tesis doctoral	2012
Development of polymeric sensing films based on a tridentate bis(phosphinic amide)-phosphine oxide for determining europium(iii) in water	Dalton transactions	Articulo	2012
Exploring the antioxidant potential of teucrium polium extracts by hplc-spe-nmr and on-line radical scavenging activity detection	Lwt-food science and technology	Articulo	2012
Evaluation of different extraction approaches for the determination of phenolic compounds and their metabolites in plasma by nanolc-esi-tof-ms	Analytical and bioanalytical chemistry	Articulo	2012
Extra virgin olive oil new filtration systems: effect on antioxidant compounds, oxidative stability and physicochemical and sensory properties	Journal of agricultural and food chemistry	Articulo	2012
Fourier transform infrared spectroscopy-partial least squares (ftir-pls) coupled procedure application for the evaluation of fly attack on olive oil quality		Articulo	2012
Global foodomics strategy to investigate the health benefitsof dietary constituents	Journal of chromatography a	Articulo	2012
Hplc-esi-q-tof-ms for a comprehensive characterization of bioactive phenolic compounds in cucumber (cucumis sativus l.) whole fruit extract	Food research international	Articulo	2012
Hplc-esi-q-tof-ms for a comprehensive characterization of bioactive phenolic compounds in cucumber whole fruit extract	Food research international	Articulo	2012
In vitro oxygen sensing using intraocular microrobots	IEEE transactions on biomedical engineering	Articulo	2012

Engineering			
Metabolism and bioavailability of olive oil polyphenols	Olive oil	Capítulo de libro	2012
Metabolomic fingerprint reveals that metformin impairs one-carbon metabolism in a manner similar to the antifolate class of chemotherapy drugs	Aging	Artículo	2012
Molecular characterization of phospholipids by hplc-elsd, hplc-ms, and gc-fid in different oat varieties	Journal of agricultural and food chemistry	Artículo	2012
Multifunctional targets of dietary polyphenols in disease: a case for the chemokine network and energy metabolism	Food and chemical toxicology	Artículo	2012
Nanocomposites containing neutral blue emitting cyclometalated iridium(iii) emitters for oxygen sensing	Chemistry of materials	Artículo	2012
New filtration systems for extra-virgin olive oil: effect on antioxidant compounds, oxidative stability, and physicochemical properties	Journal of agricultural and food chemistry	Artículo	2012
New fluorescent ph sensors based on covalently linkable pet rhodamines	Talanta	Artículo	2012
Novel synthetic route for covalent coupling of biomolecules on super-paramagnetic hybrid nanoparticles	Journal of polymer science. part a, polymer chemistry	Artículo	2012
Optimization of microwave-assisted extraction for the characterization of olive leaf phenolic compounds by using hplc-esi-tof-ms/it-ms2	Journal of agricultural and food chemistry	Artículo	2012
Phenolic compounds and saponins in quinoa samples (chenopodium quinoa willd.) grown under different saline and non-saline irrigation regimes	Journal of agricultural and food chemistry	Artículo	2012
Plant-derived polyphenols regulate expression of mirna paralogs mir-103/107 and mir-122 and prevent diet-induced fatty liver disease in hyperlipidemic mice	Biochimica et biophysica acta-general subjects	Artículo	2012
Polyphenols in olive products and by-products, occurrence and bioactivity: a review on tunisian studies	Journal of food science	Artículo	2012
Synergism of plant-derived polyphenols in adipogenesis: perspectives and implications	Phytomedicine	Artículo	2012
The occurrence and bioactivity of polyphenols in tunisian olive products and by-products: a review	Journal of food science	Artículo	2012
Uptake and metabolism of olive oil polyphenols in human breast cancer cells using nano-liquid chromatography coupled to electrospray ionization-time of flight-mass spectrometry	Journal of chromatography b: analytical technologies in the biomedical and life sciences	Artículo	2012
Use of advanced techniques for the extraction of phenolic compounds from tunisian olive leaves: phenolic composition and cytotoxicity against human breast cancer cells	Food and chemical toxicology	Artículo	2012
A spectroscopic and chemometric study of virgin olive oils subjected to thermal stress	Food chemistry	Artículo	2011
A systematic study of the polyphenolic composition of aqueous extracts deriving from several cistus genus species: evolutionary relationship	Phytochemical analysis	Artículo	2011
Air classification of barley flours to produce phenolic enriched ingredients: comparative study among mekc-uv, rp-hplc-dad-ms and spectrophotometric determination	Lwt-food science and technology	Artículo	2011
Changes in the content of phenolic compounds in flaxseed oil during development	Jaocs, journal of the american oil chemists' society	Artículo	2011
Characterisation of the phenolic compounds retained in different organic and inorganic filter aids used for filtration	Food chemistry	Artículo	2011

different organic and inorganic inter aids used for nitration of extra virgin olive oil	Food chemistry	Articulo	2011
Characterization and quantification of phenolic compounds of extra-virgin olive oils according to their geographical origin by a rapid and resolute lc-esi-tof ms method	Food chemistry	Articulo	2011
Comparison of different extraction procedures for the comprehensive characterization of bioactive phenolic compounds in rosmarinus officinalis by reversed-phase high-performance liquid chromatography with diode array detection coupled to electrospray	Journal of chromatography a	Articulo	2011
Continuous administration of polyphenols from aqueous rooibos (aspalathus linearis) extract ameliorates dietary-induced metabolic disturbances in hyperlipidemic mice	Phytomedicine	Articulo	2011
Crude phenolic extracts from extra virgin olive oil circumvent de novo breast cancer resistance to her1/her2-targeting drugs by inducing gadd45-sensed cellular stress, g2/m arrest and hyperacetylation of histone h3	International journal of oncology	Articulo	2011
Design and synthesis by atp of novel, water-insoluble, lineal copolymers and their application in the development of fluorescent and ph-sensing nanofibres made by electrospinning	Journal of materials chemistry	Articulo	2011
Design of novel, fluorescent-tuneable, ph-sensing, water-insoluble, lineal copolymers synthesized by atp and its application in the development of ph-sensing nanofibres made by electrospinning	Journal of materials chemistry	Articulo	2011
Determination of free and bound phenolic compounds in buckwheat spaghetti by rp-hplc-esi-tof-ms: effect of thermal processing from farm to fork	Journal of agricultural and food chemistry	Articulo	2011
Determination of phenolic and other polar compounds in flaxseed oil using liquid chromatography coupled with time-of-flight mass spectrometry	Food chemistry	Articulo	2011
Development of a ce-esi-microtof-ms method for a rapid identification of phenolic compounds in buckwheat	Electrophoresis	Articulo	2011
Development of functional spaghetti enriched in bioactive compounds using barley coarse fraction obtained by air classification	Journal of agricultural and food chemistry	Articulo	2011
Identification of phenolic compounds in aqueous and ethanolic rooibos extracts (aspalathus linearis) by hplc-esi-ms (tof/it)	Analytical and bioanalytical chemistry	Articulo	2011
Luminescent miniemulsion solvent evaporations: a simple a versatile way to magnetic nanosensors		Articulo	2011
Mass spectrometry in analytical lipidomics	Current trends in mass spectrometry	Articulo	2011
Materiales nanoestructurados de última generación para la detección óptica y el reconocimiento selectivo de moléculas de interés biológico y ambiental	Universidad de granada. quimica analitica	Tesis doctoral	2011
New possibilities for the valorization of olive oil by-products	Journal of chromatography a	Articulo	2011
Nuevas estrategias para la síntesis y caracterización de fases sensoras ópticas nanoestructuradas	Universidad de granada. quimica analitica	Tesis doctoral	2011
One-step fabrication of multifunctional core-shell fibres by co-electrospinning	Advanced functional materials	Articulo	2011
Profiles of phenolic compounds in modern and old common wheat varieties determined by liquid	Journal of chromatography a	Articulo	2011

chromatography coupled with time-of-flight mass spectrometry			
Phenolic secoiridoids in extra virgin olive oil impede fibrogenic and oncogenic epithelial-to-mesenchymal transition: extra virgin olive oil as a source of novel antiaging phytochemicals	Rejuvenation research	Articulo	2011
Profiling lc-dad-esi-tof ms method for the determination of phenolic metabolites from avocado (persea americana).	Journal of agriculture and food chemistry	Articulo	2011
Qualitative phenolic profile (hplc-dad-ms) from olive oil mill waste waters at different states of storage and evaluation of hydrolysis process as a pretreatment to recover their antioxidants	Progress in nutrition	Articulo	2011
Quantification of the polyphenolic fraction and in vitro antioxidant and in vivo anti-hyperlipemic activities of hibiscus sabdariffa aqueous extract	Food research international	Articulo	2011
Reading efficiency: universtiy vs. high school students sciences vs. arts	Edulearn 2011, 3rd annual international conference on education and new learning technologies	Capítulo de libro	2011
Simultaneous determination of phenolic compounds and saponins in quinoa (chenopodium quinoa wild) by a liquid chromatography-diode array detection-electrospray ionization-time-of-flight mass spectrometry methodology	Journal of agricultural and food chemistry	Articulo	2011
Synergy of plant-derived polyphenols in their salutary effects on human health	Agro food industry high-technology	Articulo	2011
Synthesis and characterization of a molecularly imprinted polymer optosensor for tex-screening in drinking water	Biosensors & bioelectronics	Articulo	2011
Synthesis of a novel polyurethane-based-magnetic imprinted polymer for the selective optical detection of 1-naphthylamine in drinking water	Biosensors & bioelectronics	Articulo	2011
Synthesis of caffeic acid molecularly imprinted polymer microspheres and high-performance liquid chromatography evaluation of their sorption properties	Journal of chromatography a	Articulo	2011
Synthesis of caffeic acid molecularly imprinted polymer microspheres and hplc evaluation of their sorption properties	Journal of chromatography a	Articulo	2011
The development of a screening molecularly imprinted polymer optosensor for detecting xylenes in water samples	Microchemical journal	Articulo	2011
Ultra high performance liquid chromatography-time of flight mass spectrometry for analysis of avocado fruit metabolites: method evaluation and applicability to the analysis of ripening degrees	Journal of chromatography a	Articulo	2011
Wastes generated during the storage of extra virgin olive oil as a natural source of phenolic compounds	Journal of agricultural and food chemistry	Articulo	2011
A convenient antibiotic indicator in the ozone treatment of wastewaters. an experimental and theoretical study	New journal of chemistry	Articulo	2010
Analysis of the methanol extract of tomato: metabolite profiling and quantification of phenolic compounds	Phytochemistry	Articulo	2010
Analytical determination of polyphenols in olive oil	Olive oil and health	Capítulo de libro	2010
Application and potential of capillary electroseparation methods to determine antioxidant phenolic compounds from plant food material	Journal of pharmaceutical and biomedical analysis	Articulo	2010
Automated identification of phenolics in plant-derived	Food chemistry	Articulo	2010

foods by using library search approach	Food chemistry	Articulo	2010
Characterisation of the phenolic compounds retained in different organic and inorganic filter aids used for filtration of extra virgin olive oil	Food chemistry	Articulo	2010
Characterization and quantification of phenolic compounds of extra-virgin olive oils with anticancer properties by a rapid and resolute lc-esi-tof ms method	Journal of pharmaceutical and biomedical analysis	Articulo	2010
Characterization of the phenolic compounds retained in different inorganic and organic filter aids used for filtration of extra virgin olive oil	Food chemistry	Articulo	2010
Chromatographic techniques for the determination of alkyl-phenols, tocopherols and other minor polar compounds in raw and roasted cold pressed cashew nut oils	Journal of chromatography a	Articulo	2010
Cistaceae aqueous extracts containing ellagitannins show antioxidant and antimicrobial capacity, and cytotoxic activity against human cancer cells	Food and chemical toxicology	Articulo	2010
Desarrollo y evaluación de estrategias analíticas para la caracterización de compuestos bioactivos en alimentos funcionales	Universidad de granada. quimica analitica	Tesis doctoral	2010
Determination of apolar and minor polar compounds and other chemical parameters for the discrimination of six different varieties of tunisian extra-virgin olive oil cultivated in their traditional growing area	European food research and technology	Articulo	2010
Diamagnetic anisotropy: two iron complexes as illustrative classroom examples	Journal of chemical education	Articulo	2010
Effect of olive ripeness on chemical properties and phenolic composition of 'chétoui	Journal of the science of food and agriculture	Articulo	2010
Evaluación del potencial de diversas plataformas analíticas para la caracterización de compuestos de interés en alimentos y metabolitos en muestras biológicas	Universidad de granada. quimica analitica	Tesis doctoral	2010
Exploratory characterization of the unsaponifiable fraction of tunisian virgin olive oils by a global approach with hplc-apci-it ms/ms analysis	Journal of agricultural and food chemistry	Articulo	2010
Eficiencia lectora: comparación alumnos universitarios de ciencias técnicas, ciencias experimentales y letras, y alumnos de ee.mm (ciencias y letras)	Jornadas sobre innovación docente y adaptación al ees en las titulaciones técnicas	Capítulo de libro	2010
Evaluación de la comprensión lectora en estudiantes universitarios de ciencias experimentales	Evaluación de la calidad de la educación superior y de la investigación.	Capítulo de libro	2010
Garcinia mangostana fruit: determination of the total antioxidant activity in extracts and phenolic compound characterization using ce-ms(tof)	Functional plant sciences and biotechnology	Articulo	2010
Gas chromatography-atmospheric pressure chemical ionization-time of flight mass spectrometry for profiling of phenolic compounds in extra virgin olive oil	Journal chromatography a	Articulo	2010
Green processes for extraction of bioactives from rosemary. chemical and functional characterization via ultra performance liquid chromatography-tandem mass spectrometry and in-vitro assays.	Journal of chromatography a	Articulo	2010
Hplc/ce-esi-tof-ms methods for the characterization of polyphenols in almond skin-extracts	Electrophoresis	Articulo	2010
High capacity capillary electrophoresis-electrospray ionization mass spectrometry: coupling a porous	Analytical chemistry	Articulo	2010

Ionization mass spectrometry: coupling a porous sheathless interface with transient-isotachopheresis	Analytical chemistry	Artículo	2010
Identification of buckwheat phenolic compounds by reverse phase high performance liquid chromatography-electrospray ionization-time of flight-mass spectrometry (rp-hplc-esi-tof-ms)	Journal of cereal science	Artículo	2010
Luminescent organotin complexes with the ligand benzil bis(benzoylhydrazone)	Journal of organometallic chemistry	Artículo	2010
Micrometer and submicrometer particles prepared by precipitation polymerization: thermodynamic model and experimental evidence of the relation between ζ s parameter and particle size	Macromolecules	Artículo	2010
Metabolite profiling and quantification of phenolic compounds in methanol extracts of tomato fruit	Phytochemistry	Artículo	2010
Nano and rapid resolution liquid chromatography-electrospray ionization-time of flight mass spectrometry to identify and quantify phenolic compounds in olive oil		Artículo	2010
Novel luminescent ir (iii) dyes for developing highly sensitive oxygen sensing films	Talanta	Artículo	2010
Novel strategy to design magnetic, molecular imprinted polymers with well-controlled structure for the application in optical sensors	Macromolecules	Artículo	2010
Octahedral iron (ii) phthalocyanine complexes: structural characterization and relevance as no2 chemical sensors	Dalton transactions	Artículo	2010
Oxygen sensing using microrobots	Conference proceedings (iee engineering in medicine and biology society. conf.)	Artículo	2010
Octahedral iron(ii) phthalocyanine complexes: multinuclear nmr and relevance as no2 chemical sensors.	Dalton transactions	Artículo	2010
Polyphenols in olive oil: the importance of phenolic compounds in the chemical composition of olive oil	Olive oil and health	Capítulo de libro	2010
Prediction of extra virgin olive oil varieties through their phenolic profile. potential cytotoxic activity against human breast cancer cells	Journal of agricultural and food chemistry	Artículo	2010
Qualitative screening of phenolic compounds in olive leaf extracts by hyphenated liquid chromatography and preliminary evaluation of cytotoxic activity against human breast cancer cells	Analytical and bioanalytical chemistry	Artículo	2010
Radical reduction of epoxides using titanocene(iii)/water system: synthesis of α -deuterated alcohols and their use as internal standard in food analysis	European journal of organic chemistry	Artículo	2010
Relación entre las temperaturas máximas y los distintos parámetros de calidad en vinos	Ars pharmaceutica	Artículo	2010
Screening for bioactive compounds from algae	Journal of pharmaceutical and biomedical analysis	Artículo	2010
Separation and identification of phenolic compounds of extra virgin oliveoil from olea europaea l.byhplc-dad-spe-nmr/ms. identification of a new diastereoisomer of the aldehydic form of oleuropein aglycone	Journal of agricultural and food chemistry	Artículo	2010
Subcritical water extraction and characterization of bioactive compounds from haematococcus pluvialis microalga	Journal of pharmaceutical and biomedical analysis	Artículo	2010

Supercritical fluid extraction: recent advances and applications	Journal of chromatography a	Articulo	2010
Supercritical fluid purification of complex carbohydrate mixtures produced by enzymatic transglycosilation and isomerized with complexating reagents	The journal of supercritical fluids	Articulo	2010
The aqueous extract of hibiscus sabdariffa calices modulates the production of monocyte chemoattractant protein-1 in humans	Phytomedicine	Articulo	2010
Use of capillary electrophoresis-electrospray ionization-mass spectrometry for the characterization of phenolic compounds in lippia citriodora		Articulo	2010
Un arbequino unico	Frutado intenso (revista divulgativa del crdo estepa)	Articulo	2010
A 2d-hplc-ce platform coupled to esi-tof-ms to characterize the phenolic fraction in olive oil	Electrophoresis	Articulo	2009
A semi-empirical model to simplify the synthesis of homogeneous and transparent cross-linked polymers and their application in the preparation of optical sensing films	Biosensors & bioelectronics	Articulo	2009
Aspectos tecnológicos de la producción del aceite de oliva	El aceite de oliva virgen: tesoro de andalucía. 13 perspectivas concatenadas	Capítulo de libro	2009
Ayer y hoy del olivo y de la producción de aceite	El aceite de oliva virgen: tesoro de andalucía. 13 perspectivas concatenadas	Capítulo de libro	2009
Calidad sensorial del aceite de oliva	El aceite de oliva virgen: tesoro de andalucía. 13 perspectivas concatenadas	Capítulo de libro	2009
Caracterización de alimentos funcionales mediante metodologías separativas avanzadas y aplicaciones a tecnología de alimentos	Universidad de granada. química analítica	Tesis doctoral	2009
Characterization of bioactive compounds in food products and subproducts using advanced separatives techniques	Universidad de granada. química analítica	Tesis doctoral	2009
Characterization of isomers of oleuropein aglycon in olive oils by rapid-resolution liquid chromatography coupled to electrospray time-of-flight and ion trap tandem mass spectrometry	Rapid communications in mass spectrometry	Articulo	2009
Characterization of phenolic compounds in diatomaceous earth used in the filtration process of olive oil by hplc-esi-tof (ms)	Agro food industry hi-tech (testo stampato)	Articulo	2009
Chemometric-assisted mip-optosensing system for the simultaneous determination of monoamine naphthalenes in drinking waters	Talanta	Articulo	2009
Composición del aceite de oliva	El aceite de oliva virgen: tesoro de andalucía. 13 perspectivas concatenadas	Capítulo de libro	2009
Correlation between plasma antioxidant capacity and verbascoside levels in rats after oral administration of lemon verbena extract	Food chemistry	Articulo	2009
Determination of phenolic compounds in modern and old varieties of durum wheat using liquid chromatography with time-of-flight mass spectrometry	Journal of chromatography a	Articulo	2009
Direct characterization of aqueous extract of hibiscus sabdariffa using hplc with diode array detection coupled		Articulo	2009

to esi and ion trap ms			
Dunaliella salina extract effect on diabetic rats. metabolic fingerprinting and target metabolite analysis	Journal of pharmaceutical and biomedical analysis	Articulo	2009
Effect of olive ripeness on chemical properties and phenolic composition of chétoui	Journal of the science of food and agriculture	Articulo	2009
El aceite de oliva virgen: tesoro de andalucía. 13 perspectivas concatenadas	Fundación unicaja	Libros	2009
El proceso culinario de fritura y el uso del aceite de oliva en el mismo	El aceite de oliva virgen: tesoro de andalucía. 13 perspectivas concatenadas	Capítulo de libro	2009
Extra-virgin olive oil polyphenols inhibit her2 (erbb-2)-induced malignant transformation in human breast epithelial cells: relationship between the chemical structures of extra-virgin olive oil secoiridoids and lignans and their inhibitory activitie	International journal of oncology	Articulo	2009
From lipid analysis towards lipidomics, a new challenge for the analytical chemistry of the 21st century. part i: modern lipid analysis	Trac: trends in analytical chemistry	Articulo	2009
From lipids analysis towards lipidomics, a new challenge for the analytical chemistry of the 21st century. part ii: analytical lipidomics	Trac: trends in analytical chemistry	Articulo	2009
High-performance liquid chromatography with diode array detection coupled to electrospray time-of-flight and ion-trap tandem mass spectrometry to identify phenolic compounds from a lemon verbena extract	Journal of chromatography a	Articulo	2009
High-performance liquid chromatography with diode array detection coupled to electrospray time-of-flight and ion-trap tandem mass spectrometry to identify phenolic compounds from a cistus ladanifer aqueous extract	Phytochemical analysis	Articulo	2009
Iron-phtalocyaninato-complexes immobilised in nanostructure metal oxide for use as optical sensors of nox and co: nmr and photo-physical studies	Journal of porphyrins and phthalocyanines	Articulo	2009
Lc-(q)tof-ms characterization of phenolic antioxidants	Reactive oxygen species and antioxidants in higher plants	Capítulo de libro	2009
Lc-(q)tof-ms characterization of phenolic antioxidants	Reactive oxygen species and antioxidants in higher plants	Capítulo de libro	2009
Metabolomics of transgenic foods combining fourier transform-ion cyclotron resonance-mass spectrometry, capillary electrophoresis-mass spectrometry and pressurized liquid extraction	Journal of chromatography a	Articulo	2009
Multi-component analysis (sterols, tocopherols and triterpenic dialcohols) of the unsaponifiable fraction of vegetable oils by liquid chromatography-atmospheric pressure chemical ionization-ion trap mass spectrometry	Talanta	Articulo	2009
Mutidimensional chromatography in food analysis	Journal of chromatography a	Articulo	2009
Non-aqueous capillary electrophoresis-electrospray-time of flight mass spectrometry to reveal phenolic compounds from olive oil: introducing enriched olive oil directly inside capillary	Electrophoresis	Articulo	2009
Progress in the synthesis of poly(2,7-fluorene-alt-1,4-phenylene), pfp, via suzuki coupling	Macromolecules	Articulo	2009
Quantification of main phenolic compounds in sweet and bitter orange peel using ce-ms/ms	Food chemistry	Articulo	2009
Simple luminiscence detector for capillary electrophoresis	Methods in molecular biology: biosensors and biodetection	Capítulo de libro	2009

electrophoresis	biosensors and biodetection	de libro	
Solubility of carbohydrates in supercritical carbon dioxide with (ethanol+water) cosolvent	The journal of supercritical fluids	Articulo	2009
Supercritical technology as an alternative to fractionate prebiotic galactooligosaccharides	Separation and purification technology	Articulo	2009
Tentative characterization of novel phenolic compounds in extra virgin olive oils by rapid-resolution liquid chromatography coupled with mass spectrometry	Journal of agricultural and food chemistry	Articulo	2009
The development of a mip-optosensor for the detection of monoamine naphthalenes in drinking water	Biosensors & bioelectronics	Articulo	2009
Técnicas de análisis del aceite de oliva	El aceite de oliva virgen: tesoro de andalucía. 13 perspectivas concatenadas	Capítulo de libro	2009
Use of capillary electrophoresis with uv detection to compare the phenolic profiles of extra-virgin olive oils belonging to spanish and italian pdos and their relation to sensorial properties	Journal of the science of food and agriculture	Articulo	2009
Use of high-performance liquid chromatography with diode array detection coupled to electrospray-qq-time-of-flight mass spectrometry for the direct characterization of the phenolic fraction in organic commercial juices	Journal of chromatography a	Articulo	2009
A magnetically controlled wireless optical oxygen sensor for intraocular measurements	IEEE sensors journal	Articulo	2008
A mass spectrometric analysis of sensitizer solution used for dye-sensitized solar cell	Inorganica chimica acta	Articulo	2008
A simplified method for hplc-ms analysis of sterols in vegetable oil	European journal of lipid science and technology	Articulo	2008
An update on alternative sweeteners	Agro food industry hi-tech (testo stampato)	Articulo	2008
Analyzing effects of extra-virgin olive oil polyphenols on breast cancer-associated fatty acid synthase protein expression using reverse-phase protein microarrays	International journal of molecular medicine	Articulo	2008
Applying unifac-based models to predict the solubility of solids in subcritical water	The journal of supercritical fluids	Articulo	2008
Characterization of atropa belladonna l. compounds by capillary electrophoresis-electrospray ionization-time of flight-mass spectrometry and capillary electrophoresis-electrospray ionization-ion trap-mass spectrometry.	Electrophoresis	Articulo	2008
Comparative metabolomic study of transgenic versus conventional soybean using capillary electrophoresis-time-of-flight mass spectrometry.	Journal of chromatography a	Articulo	2008
Countercurrent supercritical fluid extraction of different lipid-type materials: experimental and thermodynamic modeling	The journal of supercritical fluids	Articulo	2008
Development of a rapid method to determine phenolic and other polar compounds in walnut by capillary electrophoresis-electrospray ionization time-of-flight mass spectrometry	Journal of chromatography a	Articulo	2008
Effects of fly attack (bactrocera oleae) on the phenolic profile and selected chemical parameters of olive oil	Journal of agricultural and food chemistry	Articulo	2008
Enrichment of vitamin e from spirulina platensis microalga by sfe	The journal of supercritical fluids	Articulo	2008
Fast and easy coating for capillary electrophoresis based on a physically adsorbed cationic copolymer	Journal of chromatography a	Articulo	2008
Cisplatin antitumor activity: anti-her2 oncogene			

Giacomo Castelvetro's <i>sarais</i> . anti-her2 oncogene nutraceuticals since the 17th century?	Clinical & translational oncology	Articulo	2008
How safe is our food-reliable pesticide residue analysis	Bruker daltonics dispatch, international life science edition	Articulo	2008
In the search of new functional food ingredients from algae	Trends in food science & technology	Articulo	2008
Identification of phenolic compounds in olive leaves using ce-esi-tof-ms	Agro food industry hi-tech (testo stampato)	Articulo	2008
Metal oxide nanostructured material in the development of optical sensors	Metal oxide nanostructures and their applications	Capítulo de libro	2008
On the interaction of the anthraquinone barbaloin with negatively charged dmpg bilayers	Langmuir	Articulo	2008
Phenomenally high molar extinction coefficient sensitizer with ζ donor-acceptor ζ ligands for dye sensitized solar cell applications	Advanced functional materials	Articulo	2008
Profiling of different bioactive compounds in functional drinks by hplc	Journal of chromatography a	Articulo	2008
Pyridine vapors detection by an optical fibre sensor	Sensors	Articulo	2008
Química analítica clínica. prácticas en laboratorios: convencional y de un gran hospital	Copicentro granada	Libros	2008
Reversed-phase high-performance liquid chromatography coupled to ultraviolet and electrospray time-of-flight mass spectrometry on-line detection for the separation of eight tetracyclines in honey samples.	Journal of chromatography a	Articulo	2008
Selective extraction, separation, and identification of anthocyanins from hibiscus sabdariffa l. using solid phase extraction-capillary electrophoresis-mass spectrometry (time-of-flight/ion trap)	Electrophoresis	Articulo	2008
Simple luminescence detector for capillary electrophoresis	Methods in molecular biology: biosensors and biodetection	Capítulo de libro	2008
Tabanti-her2 (erbb-2) oncogene effects of phenolic compounds directly isolated from commercial extra-virgin olive oil (evoo)	Bmc cancer	Articulo	2008
The relationship between oleuropein antimicrobial activity and its effects on biological membranes	Olives and olive oil in health and disease prevention	Capítulo de libro	2008
A high molar extinction coefficient charge transfer sensitizer and its application in dye sensitized solar cell	Journal of photochemistry and photobiology a: chemistry	Articulo	2007
A novel antioxidant phenyl disaccharide from populus tremula knotwood	Molecules	Articulo	2007
A rapid, sensitive screening test for polycyclic aromatic hydrocarbons applied to antarctic water	Chemosphere	Articulo	2007
A second generation of metal-oxide, nanostructured matrices to increase the thermo-stability of co and no2 sensing layers based on phthalocyaninato-iron(ii): nmr and photophysical studies	Advanced functional materials	Articulo	2007
A systematic study on the interactions between carnosic acid and ethylpyrrolidine methacrylate-methyl methacrylate copolymer in supercritical media	The journal of supercritical fluids	Articulo	2007
Amphiphilic ruthenium dye as an ideal sensitizer in conversion of light to electricity using ionic liquid crystal electrolyte	Electrochemistry communications	Articulo	2007
Analytical determination of antioxidants in tomato: typical components of the mediterranean diet		Articulo	2007
Antioxidant compounds of propolis determined by		Articulo	2007

capillary electrophoresis-mass spectrometry		Artículo	2007
Ce- and hplc-tof-ms for the characterization of phenolic compounds in olive oil	Electrophoresis	Artículo	2007
Coelectroosmotic capillary electrophoresis of phenolic acids and derivatized amino acids using n,n-dimethylacrylamide-ethylpyrrolidine methacrylate physically coated capillaries	Talanta	Artículo	2007
Desarrollo de metodologías electroforéticas avanzadas	Universidad de granada. química analítica	Tesis doctoral	2007
Desarrollo de sensores ópticos y métodos separativos como herramientas actuales en química analítica: comparación metodológica	Universidad de granada. química analítica	Tesis doctoral	2007
Determination of biogenic amines in beers and brewing-process samples by capillary electrophoresis coupled to laser-induced fluorescence detection	Food chemistry	Artículo	2007
Determination of tetracycline residues in honey by cze with ultraviolet absorbance detection	Electrophoresis	Artículo	2007
Dye dependent regeneration dynamics in dye sensitized nanocrystalline solar cells: evidence for the formation of a ruthenium bipyridyl cation/iodide intermediate	The journal of physical chemistry c	Artículo	2007
Efecto de cambios (gradientes) térmicos sobre mármol de macael. estudio experimental	Homenaje al profesor don fermín capitán	Capítulo de libro	2007
Effect of filtration systems on the phenolic content in virgin olive oil by hplc-dad-msd	American journal of food technology	Artículo	2007
Efficient sensitization of nanocrystalline tio2 films by a near infrared absorbing unsymmetrical zinc phthalocyanine	Angewandte chemie	Artículo	2007
Electroforesis capilar- y hplc-electrospray-tiempo de vuelo-espectrometría de masas para determinar compuestos fenólicos en aceites de oliva	Homenaje al profesor don fermín capitán : investigación actual en la escuela analítica de granada	Capítulo de libro	2007
Engineering of efficient phosphorescent iridium cationic complex for developing oxygen-sensitive polymeric and nanostructured films	The analyst	Artículo	2007
Evaluation of contribution of micro and macro components to oxidative stability on virgin oils obtained from olives characterized by different health quality	Progress in nutrition	Artículo	2007
Evaluation of the influence of thermal oxidation on the phenolic composition and on the antioxidant activity of extra-virgin olive oils.	Journal of agricultural and food chemistry	Artículo	2007
Fabrication of screen-printing pastes from tio2 powders for dye-sensitized solar cells	Progress in photovoltaics	Artículo	2007
Fosforescencia a temperatura ambiente inducida por átomos pesados: una revolucionaria metodología para la determinación de compuestos orgánicos en disolución	Homenaje al profesor don fermín capitán : investigación actual en la escuela analítica de granada	Capítulo de libro	2007
Identification of phenolic compounds from pollen extracts using capillary electrophoresis-electrospray time-of-flight mass spectrometry	Analytical and bioanalytical chemistry	Artículo	2007
Importancia de los compuestos fenólicos del aceite de oliva y métodos analíticos empleados en su determinación	Química analítica	Artículo	2007
Isolation, characterization and antioxidant capacity assessment of the bioactive compounds derived from hypoxis rooperi corm extract (african potato)	Food chemistry	Artículo	2007
Large area, nanoparticulate metal oxide coatings for	Diffusion and defect data, solid state	Artículo	2007

consumer nanotechnologies	data. part b, solid state phenomena		
Lignan profile in seeds of modern and old italian soft wheat (<i>triticum aestivum</i> L.) cultivars as revealed by ce- ms analyses	Electrophoresis	Articulo	2007
Mitochondrial generation of reactive oxygen species (ros) and its targeting by antioxidants: a future vision for obesity	Agro food industry hi-tech (testo stampato)	Articulo	2007
Novel oxygen sensitive complexes for optical oxygen sensing	Talanta	Articulo	2007
Olive oil's bitter principle reverses acquired autoresistance to trastuzumab (herceptin (tm)) in her2-overexpressing breast cancer cells	Bmc cancer	Articulo	2007
Optical co2-sensing layers for clinical application based on ph-sensitive indicators incorporated into nanoscopic metal-oxide supports	Sensors and actuators b: chemical	Articulo	2007
Optosensores fluorescentes basados en diferentes transductores para la determinación de hidrocarburos aromáticos policíclicos	Homenaje al profesor don fermín capitán : investigación actual en la escuela analítica de granada	Capítulo de libro	2007
Phenolic molecules in virgin olive oils: a survey of their sensory properties, health effects, antioxidant activity and analytical methods. an overview of the last decade	Molecules	Articulo	2007
Prácticas de química analítica clínica: manual de laboratorio	Copicentro granada	Libros	2007
Role of membranes on the antibacterial and anti-inflammatory activities of the bioactive compounds from hypoxis rooperi corm extract	Archives of biochemistry and biophysics	Articulo	2007
Room-temperature, phosphorimetric determination of the beta-blocking agent pindolol in pharmaceutical tablets, urine and blood serum.	Analytical and bioanalytical chemistry	Articulo	2007
Screening of functional compounds in supercritical fluid extracts from spirulina platensis	Food chemistry	Articulo	2007
Selective fractionation of disaccharide mixtures by supercritical co2 with ethanol as co-solvent	The journal of supercritical fluids	Articulo	2007
Separation and determination of sterols in olive oil by hplc-ms	Food chemistry	Articulo	2007
Simple luminescence detectors using a light-emitting diode or a xe lamp, optical fiber and charge-coupled device, or photomultiplier for determining proteins in capillary electrophoresis: a critical comparison	Analytical biochemistry	Articulo	2007
The importance of antioxidant nutritional supplements in the treatment of inflammatory related joint diseases	Agro food industry hi-tech (testo stampato)	Articulo	2007
Unsymmetrical alkoxy zinc phthalocyanine for sensitization of nanocrystalline tio2 films	Solar energy materials & solar cells	Articulo	2007
Use of compressed fluids for sample preparation: food and environmental applications	Journal of chromatography a	Articulo	2007
Use of specially designed columns for antioxidants and antimicrobials enrichment by preparative-supercritical fluid chromatography (prep-sfc)	Journal of chromatography a	Articulo	2007
Watermelon extract stimulates antioxidant enzymes and improves glycemic and lipid metabolism.	Agro food industry hi-tech (testo stampato)	Articulo	2007
A simple and rapid electrophoretic method to characterize simple phenols, lignans, complex phenols, phenolic acids, and flavonoids in extra-virgin olive oil		Articulo	2006
A simple light-emitted diode-induced fluorescence			

detector using optical fibers and a charged coupled device for direct and indirect capillary electrophoresis methods.	Electrophoresis	Articulo	2006
Advances in the analysis of phenolic compounds in products derived from bees	Journal of pharmaceutical and biomedical analysis	Articulo	2006
Analysis of choline and atropine in hairy root cultures of cannabis sativa L. by capillary electrophoresis-electrospray mass spectrometry.	Electrophoresis	Articulo	2006
Analysis of hop acids and their oxidized derivatives and iso-alpha-acids in beer by capillary electrophoresis-electrospray ionization mass spectrometry	Journal of agricultural and food chemistry	Articulo	2006
Barrier layer insertion in mesoporous dye-sensitized solar cells: the use of alkyl chains to minimize kinetic redundancy of the dye regeneration reaction	Journal of physics and chemistry of solids	Articulo	2006
Capillary electrophoresis-electrospray ionization-mass spectrometry method to determine the phenolic fraction of extra-virgin olive oil.	Electrophoresis	Articulo	2006
Characterization of the methanolic extract of hops using capillary electrophoresis-electrospray ionization-mass spectrometry	Electrophoresis	Articulo	2006
Comparative study between a commercial and a homemade capillary electrophoresis instrument for the simultaneous determination of aminated compounds by induced fluorescence detection	Analytical and bioanalytical chemistry	Articulo	2006
Determinación de compuestos fenólicos en aceite de oliva mediante técnicas y metodologías separativas avanzadas	Universidad de granada. química analítica	Tesis doctoral	2006
Dft-into/s modelling of new high molar extinction coefficient charge transfer sensitizers for solar cell applications	Inorganic chemistry	Articulo	2006
Dissociation of iridium(III) phosphorescent emitters upon adsorption on Cu(110) revealed by scanning tunneling microscopy	Applied physics letters	Articulo	2006
Effect of nanocrystalline-TiO ₂ film thickness on organic dye-sensitized solar cells	Advanced materials	Articulo	2006
Effect of supercritical carbon dioxide treatment on the Maillard reaction in model food systems	Food chemistry	Articulo	2006
Efficient and stable solid-state light-emitting electrochemical cell using tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) hexafluorophosphate	Journal of physics and chemistry of solids	Articulo	2006
Efficient blue organic light-emitting diodes based on 4,4'-di-(2-(2,5-dimethoxyphenyl)ethenyl)-2,2'-bipyridine	Journal of materials chemistry	Articulo	2006
Efficient green-blue light emitting cationic iridium complex for light emitting electrochemical cells	Inorganic chemistry	Articulo	2006
Electronic structures and absorption spectra of linkage isomers of trithiocyanato (4, 4', 4''-tricarboxy-2, 2': 6, 2''-terpyridine) ruthenium (II) complexes: a DFT study and NBO analysis	Inorganic chemistry	Articulo	2006
Encapsulation-free hybrid organic inorganic light-emitting diodes	Applied physics letters	Articulo	2006
Evaluation of individual antioxidant activity of single phenolic compounds on virgin olive oil	Progress in nutrition	Articulo	2006
Free-zone capillary electrophoresis analysis of hordein patterns at different stages of barley malting	Journal of agricultural and food chemistry	Articulo	2006
High-efficiency (7.2%) flexible dye-sensitized solar cell			

High efficiency (7.2%) flexible dye-sensitized solar cell with ti-metal substrate for nanocrystalline-tio2 photoanode	Chemical communications	Articulo	2006
Hybrid polymer / zinc oxide photovoltaic devices using vertically oriented zno nanorods and an ambiphilic molecular interface layer	The journal of physical chemistry b	Articulo	2006
Highly efficient dye-sensitized solar cells based on carbon black counter electrodes	Journal of the electrochemical society	Articulo	2006
Highly selective and reversible optical, colorimetric, and electrochemical detection of mercury(ii) by amphiphilic ruthenium complexes anchored onto mesoporous oxide films	Advanced functional materials	Articulo	2006
Identification of phenolic compounds in rosemary honey using solid-phase extraction by capillary electrophoresis-electrospray ionization-mass spectrometry.	Journal of pharmaceutical and biomedical analysis	Articulo	2006
Isolation of functional ingredients from rosemary by preparative-supercritical fluid chromatography (prep-sfc)	Journal of pharmaceutical and biomedical analysis	Articulo	2006
Molecular engineering of organic sensitizers for solar cell applications	Journal of physics and chemistry of solids	Articulo	2006
Molecular wiring of nanocrystals: ncs-enhanced cross-surface charge transfer in self-assembled ru-complex monolayer on mesoscopic oxide films	Journal of physics and chemistry of solids	Articulo	2006
Nanostructured composite films for dye-sensitized solar cells by electrostatic layer-by-layer deposition	Chemistry of materials	Articulo	2006
Novel nanostructured materials to develop oxygen-sensitive films for optical sensors	Analytica chimica acta	Articulo	2006
Novel optical no2-selective sensor based on phthalocyaninato-iron(ii) incorporated into a nanostructured matrix	Sensors and actuators b: chemical	Articulo	2006
Optimization of the extraction of antioxidants from dunaliella salina microalga by pressurized liquids	Journal of agricultural and food chemistry	Articulo	2006
Photovoltaic characterization of dye-sensitized solar cells, effect of device masking on conversion efficiency	Progress in photovoltaics	Articulo	2006
Problems of quantitative and qualitative estimation of polyphenols in honey by capillary electrophoresis with uv-vis detection	Agro food industry hi-tech (testo stampato)	Articulo	2006
Protective effects of extra virgin olive oil phenolics on oxidative stability in the presence or absence of copper ions	Journal of agricultural and food chemistry	Articulo	2006
Quantitative-competitive polymerase chain reaction coupled with slab gel and capillary electrophoresis for the detection of roundup ready soybean and maize	Electrophoresis	Articulo	2006
Rapid quantification of the phenolic fraction of spanish virgin olive oils by capillary electrophoresis with uv detection	Journal of agricultural and food chemistry	Articulo	2006
Recovery of catechins and proanthocyanidins from winery by-products using subcritical water extraction	Analytica chimica acta	Articulo	2006
Rosemary (rosmarinus officinalis) diterpenes affect lipid polymorphism and fluidity in phospholipid membranes.	Archives of biochemistry and biophysics	Articulo	2006
Solution nmr and x-ray structural studies on iron phthalocyaninato-complexes	Helvetica chimica acta	Articulo	2006
Stable single-layer light-emitting electrochemical cell using 4,7-diphenyl-1,2-phenanthroline-bis(2-phenylpyridine)iridium(iii) hexafluorophosphate	Journal of physics and chemistry of solids	Articulo	2006
Subcritical water extraction of nutraceuticals with			

Supercritical water extraction of nutraceuticals with antioxidant activity from oregano. chemical and functional characterization	Journal of pharmaceutical and biomedical analysis	Articulo	2006
Supercritical fluid extraction of antioxidant compounds from oregano. chemical and functional characterization via lc-ms and in-vitro assays.	The journal of supercritical fluids	Articulo	2006
Synthesis, characterization and dft-tddft computational study of a ruthenium complex containing a functionalized tetradentate ligand	Inorganic chemistry	Articulo	2006
Volatile-organic-compound optic fiber sensor using a gold-silver vapochromic complex	Optical engineering	Articulo	2006
A fluorescence optosensor for analyzing naphazoline in pharmaceutical preparations: comparison with other sensors	Journal of pharmaceutical and biomedical analysis	Articulo	2005
A simple and rapid phosphorimetric method for the determination of the fungicide fuberidazole in water samples	International journal of environmental analytical chemistry	Articulo	2005
Caracterización de cervezas y determinación de sus componentes por electroforesis capilar	Químicos del sur: revista de los químicos de andalucía y extremadura	Articulo	2005
Co-electroosmotic capillary electrophoresis determination of phenolic acids in commercial olive oil		Articulo	2005
Combined experimental and dft-tddft computational study of photoelectrochemical cell ruthenium sensitizers	Journal of physics and chemistry of solids	Articulo	2005
Componenti fenolici degli oli extravergini di oliva: caratterizzazione ed attività antiossidante.	Dalle olive all'olio: un viaggio alla scoperta del più nobile dei condimenti.	Capítulo de libro	2005
Control of dark current in photoelectrochemical (tio ₂ /i--i ₃ -) and dye-sensitized solar cells	Chemical communications	Articulo	2005
Determination of low-molecular-mass organic acids in any type of beer samples by coelectroosmotic capillary electrophoresis	Journal of chromatography a	Articulo	2005
Direct determination of aliphatic acids in honey by coelectroosmotic capillary zone electrophoresis	Journal of apicultural research	Articulo	2005
Effect of hydrocarbon chain length of amphiphilic ruthenium dyes on solid-state dye-sensitized photovoltaics	Nano letters	Articulo	2005
Efficient light harvesting by using green zn-porphyrin-sensitized nanocrystalline tio ₂ films	The journal of physical chemistry b	Articulo	2005
Electroforesis capilar: aproximación según la técnica de detección	Editorial de la universidad de granada	Libros	2005
Electroforesis capilar: detección mediante fosforescencia molecular	Electroforesis capilar: aproximación según la técnica de detección	Capítulo de libro	2005
Electroforesis capilar: detección mediante resonancia magnética nuclear	Electroforesis capilar: aproximación según la técnica de detección	Capítulo de libro	2005
Electrophoretic identification and quantitation of compounds in the polyphenolic fraction of extra-virgin olive oil.	Electrophoresis	Articulo	2005
Engineering of a novel ruthenium sensitizer and its application in dye-sensitized solar cells for conversion of sunlight into electricity	Inorganic chemistry	Articulo	2005
Equilibrios químicos en disolución: aplicaciones analíticas	Editorial de la universidad de granada	Libros	2005
Evaluation of the antioxidant capacity of individual phenolic compounds in virgin olive oil	Journal of agricultural and food chemistry	Articulo	2005
Fundamentos teóricos y modos de separación	Electroforesis capilar: aproximación	Capítulo	2005

Fundamentos técnicos y modos de separación	según la técnica de detección	de libro	2005
Indirect determination of carbohydrates in wort samples and dietetic products by capillary electrophoresis	Journal of the science of food and agriculture	Artículo	2005
Interfacing capillary electrophoresis and surface-enhanced resonance raman spectroscopy for the determination of dye compounds	Analytical and bioanalytical chemistry	Artículo	2005
Iodinated molecularly imprinted polymer for room temperature phosphorescence optosensing of fluoranthene	Chemical communications	Artículo	2005
Molecularly imprinted polymers based on iodinated monomers for selective room-temperature phosphorescence optosensing of fluoranthene in water	Analytical chemistry	Artículo	2005
Multiresidue analysis of phenylurea herbicides in environmental waters by capillary electrophoresis using electrochemical detection	Analytical and bioanalytical chemistry	Artículo	2005
Nuevas fronteras metodológicas de la fosforescencia a temperatura ambiente. fosforescencia inducida por átomos pesados y optosensores	Universidad de granada. química analítica	Tesis doctoral	2005
Organized mesoporous tio2 films exhibiting greatly enhanced performance in dye-sensitized solar cells	Nano letters	Artículo	2005
Potential determination of aminated pesticides and metabolites by cyclodextrin capillary electrophoresis-laser-induced fluorescence using fitc as labelling	Pest management science	Artículo	2005
Pressurized liquid extraction-capillary electrophoresis-mass spectrometry for the analysis of polar antioxidants in rosemary extracts	Journal of chromatography a	Artículo	2005
Reversible colorimetric probes for mercury sensing, eugenio coronado	Journal of physics and chemistry of solids	Artículo	2005
Simple determination of the herbicide napropamide in water and soil samples by room temperature phosphorescence.	Pest management science	Artículo	2005
Sistemas de detección fluorescente	Electroforesis capilar: aproximación según la técnica de detección	Capítulo de libro	2005
Solid-surface phosphorescence characterization of polycyclic aromatic hydrocarbons and selective determination of benzo(a)pyrene in water samples	Analytica chimica acta	Artículo	2005
Synthesis of novel ruthenium sensitizers and their application in dye-sensitized solar cell	Coordination chemistry reviews	Artículo	2005
The development and comparison of a fluorescence and a phosphorescence optosensors for determining the plant growth regulator 2-naphthoxyacetic acid	Sensors and actuators b: chemical	Artículo	2005
Time dependent density functional theory study of the absorption spectrum of the[ru(4,4'-coo--2,2'-bpy)2(x)2]4- (x=ncs, cl) dyes in water solution	Chemical physics letters	Artículo	2005
Zn-porphyrin-sensitised nanocrystalline tio2 heterojunction photovoltaic cells	Chemphyschem	Artículo	2005
A facile flow-through phosphorimetric sensing device for simultaneous determination of naptalam and its metabolite 1-naphthylamine	Analytica chimica acta	Artículo	2004
Amphiphilic ruthenium sensitizers and their applications in dye-sensitized solar cells	Inorganic chemistry	Artículo	2004
Analysis of carbohydrates in beverages by capillary electrophoresis with precolumn derivatization and uv detection	Food chemistry	Artículo	2004

Application of metalloporphyrins in nanocrystalline dye-sensitized solar cells for conversion of sunlight into electricity	Langmuir	Articulo	2004
Application of micellar electrokinetic capillary chromatography to the analysis of uncharged pesticides of environmental impact	Journal of agricultural and food chemistry	Articulo	2004
Comparison of three different phosphorescent methodologies in solution for the analysis of naphazoline in pharmaceutical preparations	Analytical and bioanalytical chemistry	Articulo	2004
Cromatografía capilar electrocinética micelar para el análisis multicomponente y directo en cerveza	Cerveza y malta	Articulo	2004
Determination of aldicarb, carbofuran and some of their main metabolites in groundwater by application of micellar electrokinetic capillary chromatography with diode-array detection and solid-phase extraction	Pest management science	Articulo	2004
Determination of phytohormones of environmental impact by capillary zone electrophoresis	Journal of agricultural and food chemistry	Articulo	2004
Direct multicomponent analysis of beer samples constituents using micellar electrokinetic capillary chromatography	Electrophoresis	Articulo	2004
Facile analysis of carbazole in commercial anthracene by heavy atom-induced room temperature phosphorescence	Polycyclic aromatic compounds	Articulo	2004
Fluorescence optosensor using an artificial neural network for screening of polycyclic aromatic hydrocarbons	Analytica chimica acta	Articulo	2004
Heavy atom induced room temperature phosphorescence: a tool for the analytical characterization of polycyclic aromatic hydrocarbons	Analytica chimica acta	Articulo	2004
Highly sensitive and selective fluorescence optosensor to detect and quantify benzo[a]pyrene in water samples	Analytica chimica acta	Articulo	2004
Molecular control of recombination dynamics in dye-sensitized nanocrystalline tio2 films: free energy vs distance dependence	Journal of physics and chemistry of solids	Articulo	2004
Multistep electron transfer processes on dye co-sensitized nanocrystalline tio2 films	Journal of physics and chemistry of solids	Articulo	2004
Sensitive determination of phenolic acids in extra-virgin olive oil by capillary zone electrophoresis	Journal of agricultural and food chemistry	Articulo	2004
Simple and rapid micellar electrokinetic capillary chromatographic method for simultaneous determination of four antiepileptics in human serum	Clinical science	Articulo	2004
Simultaneous determination of multiple constituents in real beer samples of different origins by capillary zone electrophoresis	Analytical and bioanalytical chemistry	Articulo	2004
Stable new sensitizer with improved light harvesting for dye-sensitized nanocrystalline solar cells	Advanced materials	Articulo	2004
Subminute and sensitive determination of the neurotransmitter serotonin in urine by capillary electrophoresis with laser-induced fluorescence detection	Clinical science	Articulo	2004
Uso de diferentes sistemas de detección acoplados a la electroforesis capilar	Universidad de granada. química analítica	Tesis doctoral	2004
A sensitive fluorescence optosensor for analysing propranolol in pharmaceutical preparations and a test for its control in urine in sport	Journal of pharmaceutical and biomedical analysis	Articulo	2003

A stable quasi-solid-state dye-sensitized solar cell with an amphiphilic ruthenium sensitizer and polymer gel electrolyte	Nature materials	Articulo	2003
A swift dye uptake procedure for dye sensitized solar cells	Chemical communications	Articulo	2003
Análisis multicomponente de los constituyentes en muestras de cerveza usando electroforesis capilar zonal con detección mediante un detector de diodos.	Cerveza y malta	Articulo	2003
Caracterización de cervezas y determinación de sus componentes por electroforesis capilar	Universidad de granada. química analítica	Tesis doctoral	2003
Desarrollo de optosensores fluorescentes para la determinación de principios activos farmacológicos y contaminantes ambientales en muestras reales	Universidad de granada. química analítica	Tesis doctoral	2003
Determination of imidacloprid and its metabolite 6-chloronicotinic acid in greenhouse air by application of micellar electrokinetic capillary chromatography with solid-phase extraction	Journal of chromatography a	Articulo	2003
Determination of the amino acid tryptophan and the biogenic amine tryptamine in foods by the heavy atom induced-room temperature phosphorescence methodology	The analyst	Articulo	2003
Fluorescence optosensors based on different transducers for the determination of polycyclic aromatic hydrocarbons in water	Analytical and bioanalytical chemistry	Articulo	2003
Highly phosphorescence iridium complexes and their application in organic light-emitting devices	Journal of physics and chemistry of solids	Articulo	2003
Investigation of sensitizer adsorption and the influence of protons on current and voltage of a dye-sensitized nanocrystalline tio ₂ solar cell	The journal of physical chemistry b	Articulo	2003
Molecular engineering on semiconductor surfaces: design, synthesis and application of new efficient amphiphilic ruthenium photosensitizers for nanocrystalline tio ₂ solar cells	Synthetic metals	Articulo	2003
Multicomponent analysis of beer constituents using capillary zone electrophoresis with diode-array detection	Proceedings of the 29th ebc congress	Articulo	2003
Sensitive and simple determination of the vasodilator agent dipyridamole in pharmaceutical preparations by phosphorimetry	Analytical and bioanalytical chemistry	Articulo	2003
Simultaneous determination of the pesticides carbaryl and thiabendazole in environmental samples by a three-dimensional derivative variable-angle and a synchronous room-temperature phosphorescence spectroscopy	Applied spectroscopy	Articulo	2003
Study of microemulsion composition effect over phosphorescence emission of a polycyclic aromatic compound	Polycyclic aromatic compounds	Articulo	2003
Study of the substituent groups effect on the room-temperature phosphorescent emission of fluorene derivatives in solution	Analytica chimica acta	Articulo	2003
The development of solid-surface fluorescence characterization of polycyclic aromatic hydrocarbons for potential screening tests in environmental samples	Talanta	Articulo	2003
Quenched phosphorescence detection in cyclodextrin-based electrokinetic chromatography	Analytical chemistry	Articulo	2002
Room-temperature luminescence optosensings based on immobilized active principles actives; application to	Analytica chimica acta	Articulo	2002

nafronyl and naproxen determination in pharmaceutical preparations and biological fluids	Analytica chimica acta	Artículo	2002
Simple determination of propranolol in pharmaceutical preparations by heavy atom induced room temperature phosphorescence	Journal of pharmaceutical and biomedical analysis	Artículo	2002
Study of different normal-microemulsion compositions by room-temperature phosphorescence to determine benzo[a]pyrene in environmental samples	Analytica chimica acta	Artículo	2002
Analysis of endosulfan and its metabolites in human serum using gas chromatography-tandem mass spectrometry	Journal of chromatographic science	Artículo	2001
Capítulo introductorio	Fosforescencia molecular analítica : una aproximación práctica	Capítulo de libro	2001
Determinacion de sustancias inorgánicas por metodologias fosforescentes	Fosforescencia molecular analítica : una aproximación práctica	Capítulo de libro	2001
Evaluation of endosulfan residues in vegetables grown in greenhouses	Pest management science	Artículo	2001
Fosforescencia a temperatura ambiente en disolución inducida por átomos pesados	Espectroquímica hoy	Artículo	2001
Fosforescencia a temperatura ambiente inducida por atomos pesados	Fosforescencia molecular analítica : una aproximación práctica	Capítulo de libro	2001
Fosforescencia molecular analítica : una aproximación práctica	Universidad de granada	Libros	2001
Instrumentacion	Fosforescencia molecular analítica : una aproximación práctica	Capítulo de libro	2001
Simultaneous determination, by capillary zone electrophoresis, of multiple components of different industrial products	Chromatographia	Artículo	2001
Application of partial least-squares calibration to phosphorimetric data for determination of polycyclic aromatic hydrocarbons in spiked environmental samples	Journal of aoac international	Artículo	2000
Facile and selective determination of the cerebral vasodilator nafronyl in a commercial formulation by heavy atom induced room temperature phosphorimetry	Journal of pharmaceutical and biomedical analysis	Artículo	2000
Hai-rtp determination of carbaryl pesticide in different irrigation water samples of south spain	Journal of agricultural and food chemistry	Artículo	2000
Heavy-atom induced room-temperature phosphorescence: a straightforward methodology for the determination of organic compounds in solution	Analytica chimica acta	Artículo	2000
La fosforimetría a temperatura ambiente inducida por átomos pesados como una nueva metodología fosforescente en disolución. desarrollo teórico, potencialidad y aplicaciones	Universidad de granada. química analítica	Tesis doctoral	2000
Sensitive determination of inorganic anions at trace levels in samples of snow water from sierra nevada (granada, spain) by capillary ion electrophoresis using calix[4]arene as selective modifier	Chromatographia	Artículo	2000
Spectrofluorimetric determination of methyl paraben in pharmaceutical preparations by means of its dansyl chloride derivative	Microchimica acta	Artículo	2000
A simple and rapid phosphorimetric method for the determination of alpha-naphthaleneacetamide in fruit samples	International journal of environmental analytical chemistry	Artículo	1999
Aplicacion de tecnicas de gc-ms al analisis de	Universidad de almería.. hidrogeología	Tesis	2000

piretroides, endosulfan y sus principales metabolitos en muestras biologicas y ambientales	y química analítica	doctoral	1999
Determination of the antibacterial drug sulfamethoxazole in pharmaceutical preparations containing trimethoprim by spectrofluorimetry after derivatization with fluorescamine	Fresenius' journal of analytical chemistry (print)	Articulo	1999
Determination of the drug naphazoline in pharmaceutical preparations by heavy atom-induced room-temperature phosphorescence	Applied spectroscopy	Articulo	1999
Excretion study of endosulfan in urine of a pest control operator	Toxicology letters	Articulo	1999
Fluorimetric determination of procaine in pharmaceutical preparations based on its reaction with fluorescamine	Journal of pharmaceutical and biomedical analysis	Articulo	1999
Monitoring of pyrethroid metabolites in human urine using solid-phase extraction followed by gas chromatography-tandem mass spectrometry	Analytica chimica acta	Articulo	1999
Simple and rapid determination of the drug naproxen in pharmaceutical preparation by heavy atom induced room temperature phosphorescence	Talanta	Articulo	1999
The use of dansyl chloride in the spectrofluorimetric determination of the synthetic antioxidant butylated hydroxyanisole in foodstuffs	Talanta	Articulo	1999
An innovative way of obtaining room-temperature phosphorescence signals in solution	Analytica chimica acta	Articulo	1998
Determination of endosulfan and its metabolites in human urine using gas chromatography-tandem mass spectrometry	Journal of chromatography. b, biomedical sciences and applications	Articulo	1998
Determination of endosulfan and some pyrethroids in waters by micro liquid-liquid extraction and gc-ms	Fresenius' journal of analytical chemistry (print)	Articulo	1998
Heavy atom induced room temperature phosphorescence method for the determination of the plant growth regulator beta- naphthoxyacetic acid	Journal of agricultural and food chemistry	Articulo	1998
Method for the quantitative determination of 1-naphthaleneacetic acid in spiked canned pineapple samples by micelle-stabilized room temperature phosphorescence	Journal of agricultural and food chemistry	Articulo	1998
Micellar-stabilized room-temperature phosphorimetric determination of the fungicide thiabendazole in canned pineapple samples	Fresenius' journal of analytical chemistry (print)	Articulo	1998
Optimization and comparative study of the room-temperature phosphorescence of acenaphthene in beta-cyclodextrin in the presence of two bromoalcohols	Applied spectroscopy	Articulo	1998
Room-temperature phosphorimetric method for the determination of the drug naphazoline in pharmaceutical preparations	The analyst	Articulo	1998
Use of calixarene compounds as selectivity modifiers in capillary electrophoresis separations	Journal of chromatography a	Articulo	1998
Application of derivative variable-angle synchronous scanning phosphorimetry in a microemulsion medium for the simultaneous determination of 2-naphthoxyacetic acid and 1-naphthalenacetamide	The analyst	Articulo	1997
Experimental studies of the factors that influence 1-naphthaleneacetamide determination by micelle-stabilized room-temperature phosphorescence	The analyst	Articulo	1997
Simultaneous microemulsion room-temperature			

phosphorimetric determination of five polycyclic aromatic hydrocarbons by variable-angle synchronous scanning	Analytica chimica acta	Articulo	1997
Synthesis and molecular structure of the first metal complex of an analogue of guanine with pd-ii-c(8) binding	Inorganic chemistry	Articulo	1997
Application of variable-angle synchronous phosphorimetry in a microemulsion medium for the simultaneous determination of three polyaromatic hydrocarbons	Analytica chimica acta	Articulo	1996
Determination of the pesticide carbaryl by microemulsion room-temperature phosphorescence in real samples	Analytical sciences	Articulo	1996
Determination of the plant growth regulator beta-naphthoxyacetic acid by micellar-stabilized room temperature phosphorescence	Talanta	Articulo	1996
Diaqua(2-ethylphenyliminodiacetato-n,o,o');zinc(ii)	Acta crystallographica. section c, crystal structure communications.	Articulo	1996
Experimental design applied to a room-temperature phosphorimetric method for the determination of acenaphthene in a microemulsion	Analytica chimica acta	Articulo	1996
Inverse expression of mdr 1 and c-myc genes in a rhabdomyosarcoma cell line resistant to actinomycin d	Journal of pathology	Articulo	1996
La fosforimetría a temperatura ambiente en medios micelares como técnica analítica para la determinación de productos de interés ambiental	Universidad de granada. química analítica	Tesis doctoral	1996
Photometric and fluorimetric study of the acid-base behavior of 2,2'-diquinolyl and 2,2',2'-terpyridyl	Journal of fluorescence	Articulo	1996
(amine)(aqua)[n-(2,6-dimethylphenyl)-n-(carboxymethyl)glycinato-n,o,o'];copper(ii)	Acta crystallographica. section c, crystal structure communications.	Articulo	1995
A 2-dimensional copper(i) polymer containing both molecular rod and anionic bridges - synthesis and crystal-structure of (mu-chloro)(mu-pyrazine)copper(i)	Canadian journal of chemistry	Articulo	1995
Diaqua[n-(2-ethylphenyl)-n-(carboxymethyl)glycinato-n,o,o'];copper(ii)	Acta crystallographica. section c, crystal structure communications.	Articulo	1995
Micellar-enhanced synchronous-derivative fluorescence determination of derivatized folic-acid in pharmaceutical preparations	Journal of pharmaceutical and biomedical analysis	Articulo	1995
Oxidation of 5,6-diamino-1,3-dimethyl-uracil by metal-ions - structure of 1,3,6,8-tetramethyl-2,4,7,9(1h,3h,6h,8h)- pyrimido[4,5-g]pteridinetetrone	Acta crystallographica. section c, crystal structure communications.	Articulo	1995
Variable-angle scanning fluorescence spectrometry for the simultaneous determination of 3 diuretic drugs	Analytica chimica acta	Articulo	1995
Magnetic-properties and crystal-structure of (mu-pyrazine)-bis[(aqua)(2,6-xylylaminodiacetato)copper(ii)] - a pyrazine-bridged dinuclear copper(ii) complex	Inorganica chimica acta	Articulo	1994
Spectrofluorometric determination of molybdenum in vegetal tissues and a pharmaceutical compound with alizarin-red-s in micellar medium	The analyst	Articulo	1994
Complejos del acido 3,5-xililamino-nn-diacetico con diferentes iones metalicos	Revue roumaine de chimie	Articulo	1990
Determinación espectrofluorimétrica de litio en suero con 1-amino-4-hidroxiantraquinona	Química analítica	Articulo	1990
Complejos del acido 3,4-xililamino-n,n-diacetico con diferentes iones metalicos	Afinidad: revista de quimica teorica y aplicada	Articulo	1988
Estudio de los complejos sólidos que forma la 2-			

etilfenilglicina con los iones al(iii), mn(ii), fe(iii), y(iii), cd(ii), la(iii), ce(iii), and pb(ii).	Anales de la asociacion quimica argentina	Articulo	1987
1,8-dihydroxyanthraquinone-ca (ii) reaction. spectrofluorimetric determination of traces of ca (ii)	Analytical letters	Articulo	1986
4-ethylphenylamino-n,n-diacetic acid: synthesis, characterization, thermal behaviour and complexing capacity.	Journal of thermal analysis	Articulo	1986
Caracterización físico-química preliminar de las aguas superficiales de la cuenca del alto genil	El agua en andalucía	Articulo	1986
Complejos de fe(ii) y co(ii) con los ácidos 2,3-xililamino-n-monoacético; 2,4-xililamino-n-monoacético y 2-etilfenilamino-n-monoacético.	Afinidad: revista de quimica teorica y aplicada	Articulo	1986
Estudio espectrofotométrico y polarográfico de los complejos que forma el ion cu(ii) con los ácidos 2,3-xililamino-n-monoacético y 2,4-xililamino-n-monoacético	Afinidad: revista de quimica teorica y aplicada	Articulo	1986
Obtención, identificación y propiedades de los acios 2,3-xililamino-n-monoacético; 2,3-xililamino-nn-diacético; 2,4-xililamino-n-monoacético y 2,4-xililamino-nn-diacético. estudio de los complejos sólidos que forman con el ion cu(ii)	Afinidad: revista de quimica teorica y aplicada	Articulo	1986
Study of the 1,4-dihydroxyanthraquinone-tttrium(iii) complex in solution and in the solid state.	Microchemical journal	Articulo	1986
1,8-dihydroxyanthraquinone-mg (ii) complex. iii. spectrophotometric determination of mg (ii) by extraction in isoamyl alcohol	Microchemical journal	Articulo	1985
Determinación fotométrica y fluorimétrica de y (iii)	Química analítica	Articulo	1985
Determination of inorganic substances by luminiscence methods	Molecular luminiscence spectroscopy methods and applications	Capítulo de libro	1985
Kinetics and equilibria of proton exchange in the lowest excited singlet state of 1-hydroxyfluorene in aqueous solutions	Analytical letters	Articulo	1985
Microdeterminación espectrofluorimétrica de li (i) con 1,5-dihidroxiantraquinona	Química analítica	Articulo	1985
Palladium(ii) complexes of n-arylglycine derivatives.	Synthesis and reactivity in inorganic and metal-organic chemistry	Articulo	1985
Some observations on the use of 1,4-dihydroxyanthraquinone as a fluorimetric reagent for traces of litium	Microchemical journal	Articulo	1985
Spectrophotometric study of 1,2,5,8-tetrahydroxyanthraquinone-in (iii) complex. determination of in (iii)	Microchemical journal	Articulo	1985
Synthesis, characterization and thermal behaviour of some n-2,3-dimethyl-phenylglycine compounds of al(iii), mn(ii), fe(iii), y(iii), cd(ii), la(iii), ce(iii) and pb(ii).	Termochimica acta	Articulo	1985
Thermal behaviour of pd(ii) complexes of n-arylglycine derivatives.	Termochimica acta	Articulo	1985
Thermal studies on 2,3-xyliliminodiacetato compounds.	Termochimica acta	Articulo	1985
Polarographic behaviour of 1,2,4-trihydroxyanthraquinone-3-carboxylic acid	Annali di chimica	Articulo	1984
Reacción pseudopurpurina- io3-. determinación espectrofotométrica de io3-.	Anales de química	Articulo	1984
Spectrophotometric determination of bro3- using the 1,2,4-trihydroxyanthraquinone-3-carboxylic acid as reagent	Microchemical journal	Articulo	1984

Spectrophotometric study of pseudopurpurin-pd (ii) dimer complex. spectrophotometric determination of traces of pd (ii)	Microchemical journal	Articulo	1984
The analysis of copper (ii) by fluorescence	Annali di chimica	Articulo	1984
Thermal studies on 2,6-xyliliminodiacetato compounds of some transition metal ions.	Termochimica acta	Articulo	1984
Alizarincomplexona como reactivo de in (iii). determinación espectrofotométrica de cantidades traza de in (iii)	Revista portuguesa de química	Articulo	1983
Determinación espectrofluorimétrica de n-metilcarbamato de naftilo-1 (carbaryl)	Afinidad: revista de química teorica y aplicada	Articulo	1983
Estudio espectrofluorimétrico de la reacción pseudopurpurina-cu (ii). determinación de trazas de cu (ii)	Anales de química	Articulo	1983
Estudio espectrofotométrico de la reacción pseudopurpurina-cu (ii). determinación de trazas de cu (ii)	Afinidad: revista de química teorica y aplicada	Articulo	1983
Fluorimetric determination of mg (ii) traces with 1,8-dihydroxyanthraquinonezx	Microchimica acta	Articulo	1983
Spectrofluorimetric determination of io3-	Analytical letters	Articulo	1983
Ácido 1,2,4-trihidroxiantraquinona-3-carboxílico. características fluorimétricas y reaccionabilidad	Anales de química	Articulo	1983
1,8-dihydroxyanthraquinone-mg (ii) complex. spectrophotometric study. determination of mg (ii)	Microchemical journal	Articulo	1982
Fluorimetric determination of traces of mg (ii) using 1,5-dihydroxyanthraquinone as reagent	Analytical letters	Articulo	1982
1,8-dihydroxyanthraquinone-li (i) reaction. spectrofluorimetric determination of li (i) in an ethanolic and acetonic media	Analytical letters	Articulo	1981
Aplicaciones analíticas del ácido 1,2,4-trihidroxiantraquinona-3-carboxílico	Universidad de extremadura. química analítica	Tesis doctoral	1981
Aplicaciones analíticas fluorescentes de la 1,8-dihidroxiantraquinona	Universidad de extremadura. química analítica	Tesis doctoral	1981
La 1,4-dihidroxiantraquinona y la 1,5-dihidroxiantraquinona como reactivos en análisis fluorimétrico	Universidad de extremadura. química analítica	Tesis doctoral	1981
Reacción ca (ii)-1,4-diaminoantraquinona. estudio espectrofotométrico y determinación de ca (ii)	Afinidad: revista de química teorica y aplicada	Articulo	1981
Estudio espectrofotométrico del complejo antragol-ca (ii). determinación espectrofotométrica de ca (ii)	Boletín de la sociedad chilena de química.	Articulo	1980
Estudio espectrofotométrico de los complejos originados entre el purpurinsulfonato sódico y los iones ca (ii), sr (ii) y ba (ii)	Boletín de la sociedad química del Perú	Articulo	1980
Estudio espectrofotométrico y electroforético del complejo alizarin-complexona-sr (ii). determinación espectrofotométrica de sr (ii)	Anales de química	Articulo	1980
Reaccionabilidad coloreada y fluorescente de algunos derivados antraquinónicos frente a los iones ca (ii), sr (ii) y ba (ii)	Anales de química	Articulo	1980
Reacción benzoina-ge. estudio espectrofluorimétrico y posibilidades analíticas	Anales de química	Articulo	1980
Spectrofluorimetric study of 1,4-diaminoanthraquinone-calcium complex in aqueous sulfuric mediums: spectrofluorimetric determination of calcium	Microchemical journal	Articulo	1980
Complejos de derivados antraquinónicos con los iones	Universidad de extremadura. química	Tesis	1979

ca(ii) y ba(ii). aplicaciones analíticas	analítica	doctoral	1978
Estudio de los complejos que forman el ácido 2,6 xililamino nn diacético y el ácido 3,5 xililamino nn diacético con iones inorgánicos. aplicaciones analíticas	Editorial de la universidad de granada	Libros	1978
Estudio espectrofluorimétrico y reaccionabilidad fluorescente de la 1,8-dihidroxiantraquinona	Anales de química	Articulo	1978
Determinación de la constante de formación del complejo 2-quinizarinsulfonato sódico-al (iii), usando técnicas fluorimétricas	Afinidad: revista de química teorica y aplicada	Articulo	1977
El ácido 5-hidroxi-indol-2-carboxílico como reactivo de nitritos. ii. determinación en medio alcalino	Boletín de la sociedad chilena de química.	Articulo	1977
Estudio espectrofluorimétrico y reaccionabilidad fluorescente de algunas hidroxiantraquinas	Afinidad: revista de química teorica y aplicada	Articulo	1977
Spectrophotometric study of 1,2,7-trihydroxyanthraquinone-mg (ii) complex. determination of mg (ii)	Analytical letters	Articulo	1977
Utilización del purpurinsulfonato sódico como reactivo en la determinación espectrofotométrica de ca (ii)	Revista de la sociedad química de méxico	Articulo	1977
Determinación espectrofotométrica de ge (iv) mediante alizarincomplexona	Química analítica	Articulo	1975
Droxiantraquinonas como reactivos analíticos de ge (iv). ii. determinación espectrofotométrica de ge (iv) utilizando antragalol	Boletín de la sociedad chilena de química.	Articulo	1975
Trihidroxiantraquinonas como reactivos analíticos de ge (iv). i. determinación espectrofotométrica de ge (iv) utilizando antrapurpurina	Química analítica	Articulo	1975
Derivados de la antraquinona como reactivos coloreados y fluorescentes de ge (iv)	Boletín de la sociedad chilena de química.	Articulo	1974
Determinación espectrofluorimétrica de ge (iv) mediante quercetina	Boletín de la sociedad chilena de química.	Articulo	1974
Nuevos reactivos analíticos espectrofotométricos y espectrofluorimétricos de ge (iv)	Editorial de la universidad de granada	Libros	1973
Determinación espectrofotométrica de cd (ii) mediante alizarincomplexona	Boletín de la sociedad chilena de química.	Articulo	1971

	Título proyecto	Tipo	Inicio	Fin
1	P201031944: compuestos poliméricos con propiedades inmovilizantes	Contrato	1/1/12	12/23/30
2	Licencia de uso de señales rectangulares de ciclo corto para el desarrollo de métodos de fase resuelta multifrecuencia en el campo de los sensores óptico.	Contrato	1/15/16	1/14/26
3	Nutraceuticos de 2ª generación de plantas comestibles basados en extractos polifenolicos moduladores del metabolismo energético: aplicaciones en la prevención de la obesidad	Proyecto	1/1/16	12/31/18
4	Desarrollo de métodos analíticos en el marco de la ejecución del proyecto de investigación cardiolive	Contrato	1/1/15	2/28/18
5	Materiales inteligentes para la determinacion de compuestos quimicos de interes en areas biosanitarias y alimentarias	Proyecto	1/1/15	12/31/17
6	Desarrollo y puesta a punto de nuevas metodologías analíticas para la búsqueda de ingredientes bioactivos, instrumentación y calidad	Contrato	1/1/17	12/31/17
7	Materiales inteligentes para la determinación de compuestos químicos de interés en áreas biosanitarias y alimentarias	Proyecto	1/1/15	12/31/17
8	Asesoramiento en el desarrollo de metodologías analíticas, instrumentación y calidad	Contrato	1/12/16	12/31/16
9	Análisis y control de la contaminación atmosférica del puerto de motril.	Contrato	1/1/16	12/31/16
10	Asesoramiento sobre el desarrollo de nuevos materiales basados en nanotecnología	Contrato	1/1/16	12/31/16
11	Control y seguimiento de la calidad de aguas marítimas y fangos del puerto de motril.	Contrato	1/1/16	12/31/16
12	Estudio prospectivo de displays electroforéticos.	Contrato	1/15/15	2/16/16
13	Modulación de fuentes luminosas mediante un chopper óptico. aplicación para el desarrollo de sensores químicos de fotoluminiscencia con fases sensoras de baja luminiscencia	Proyecto	1/1/15	12/31/15
14	Control y seguimiento de la calidad de aguas marítimas y fangos del puerto de motril.	Contrato	1/1/15	12/31/15
15	Asesoramiento sobre el desarrollo de nuevos materiales basados en nanotecnología	Contrato	1/1/15	12/31/15
16	Caracterización química y morfológica de materiales desarrollados por nanomy p® así como caracterizar el número de grupos tiol del vello tras tratarlo químicamente.	Contrato	1/1/14	12/31/15
17	Metabolómica de compuestos polifenólicos de extractos y alimentos funcionales mediante nanolc acoplada a espectrometría de masas de alta resolución (tof/qtot)	Proyecto	1/1/11	12/31/15
18	Tecnologías sostenibles para la producción de harinas naturalmente enriquecidas en compuestos bioactivos	Proyecto	1/28/14	12/31/14
19	Caracterización química y morfológica de materiales desarrollados por nanomyp® así como caracterizar el número de grupos tiol del vello tras tratarlo químicamente	Contrato	1/1/14	12/31/14
20	Desarrollo de tejidos inteligentes con propiedades inmovilizantes	Contrato	1/1/12	12/31/14
21	Desarrollo de sensores luminiscentes multifuncionales para la determinación de o2, co2 y ph	Proyecto	1/1/12	12/31/14
22	Control y seguimiento de la calidad de aguas marítimas y fangos del puerto de motril	Contrato	1/1/14	12/31/14
23	Análisis y control de la contaminación atmosférica del puerto de motril	Contrato	1/1/14	12/31/14
24	Asesoramiento sobre el desarrollo de nuevos materiales basados en nanotecnología	Contrato	1/1/14	12/31/14
25	Desarrollo de tejidos inteligentes con propiedades inmovilizantes	Contrato	1/1/12	12/31/14
26	Desarrollo de sensores luminiscentes multifuncionales para la determinacion de o2, co2 y ph	Proyecto	1/1/12	12/31/14

27	Innovaciones metodológicas en el ámbito de técnicas separativas acopladas a espectrometría de masas para la determinación de metabolitos en fluidos biológicos	Proyecto	1/2/10	2/1/14
28	Control y seguimiento de la calidad de aguas marítimas y fangos del puerto de motril	Contrato	1/1/13	12/31/13
29	Análisis y control de la contaminación atmosférica del puerto de motril	Contrato	1/1/13	12/31/13
30	Asesoramiento sobre el desarrollo de nuevos materiales basados en nanotecnología	Contrato	1/1/13	12/31/13
31	Potencial de diferentes plataformas gc-ms de aplicación en metabolómica: 2 casos de estudio	Proyecto	1/1/13	12/31/13
32	Potencial de diferentes plataformas gc-ms de aplicación en metabolómica: 2 casos de estudio	Proyecto	1/1/13	12/31/13
33	Control y seguimiento de la calidad de aguas marítimas y fangos del puerto de motril	Contrato	1/1/12	12/31/12
34	Análisis y control de la contaminación atmosférica del puerto de motril	Contrato	1/1/12	12/31/12
35	Asesoramiento sobre el desarrollo de nuevos materiales basados en nanotecnología	Contrato	1/1/12	12/31/12
36	Nanosensores ópticos magnéticos para aplicaciones ambientales y biotecnológicas	Proyecto	1/1/10	12/21/12
37	Nuevos materiales nanoestructuradas basados en polímeros de impronta molecular de polaridad ajustable para el desarrollo de fases sensoras ópticas: estudios teóricos y prácticos	Proyecto	1/1/08	1/31/12
38	Resolución de problemas ambientales, biomédicos y domóticos mediante el desarrollo de sensores ópticos	Proyecto	1/1/08	1/31/12
39	Desarrollo de nanotubos y/o nanopartículas de polímeros de impronta molecular como nuevos materiales para la obtención de fases sensoras ópticas	Proyecto	1/1/09	1/1/12
40	Metabolómica de polifenoles de hoja de olivo en cáncer de mama mediante hplc/nanolc-ms (tof/qtof)	Proyecto	1/22/11	12/31/11
41	Control y seguimiento de la calidad de aguas marítimas y fangos del puerto de motril	Contrato	1/1/11	12/31/11
42	Análisis y control de la contaminación atmosférica del puerto de motril	Contrato	1/1/11	12/31/11
43	Contrato de transferencia: estudios experimentales sobre parámetros de calidad nutricional y funcional de hortalizas y frutas de alto consumo	Contrato	1/29/08	4/28/11
44	La contaminación acústica en las ciudades de andalucía, 2000-2009, situación y perspectivas	Contrato	1/1/09	1/31/11
45	Implementación y formación de personal para el funcionamiento de un laboratorio analítico de control ambiental, alimentario y de calidad de agua en bolivia	Proyecto	1/17/10	1/16/11
46	Establecimiento de condiciones de fábrica de aceite de oliva virgen rico en compuestos fenólicos anti-cancerígenos	Contrato	1/1/09	2/28/10
47	Implementación y formación de personal para el funcionamiento, de un laboratorio analítico de control ambiental y de calidad de agua en bolivia	Proyecto	1/8/09	1/7/10
48	Contrato de transferencia: el problema de la contaminación acustica en ciudades andaluzas y su consideración por los agentes sociales y gestores de la administración	Contrato	1/1/09	12/31/09
49	Contrato de transferencia: recopilación de información sobre estrategias de protección contra la contaminación acústica en municipios de andalucía	Contrato	1/1/09	6/30/09
50	Desarrollo de fases sensoras nanoestructuradas para el control de contaminantes en ambientes urbanos y su implementación instrumental	Proyecto	1/1/06	2/28/09
51	Estudio de propuesta de medidas correctoras del impacto ambiental en el puerto de motril	Contrato	1/1/08	12/31/08
52	Luminescent molecularly-imprinted microsphere sedimentation arrays to determine polycyclic aromatic hydrocarbons and biogenic amines	Proyecto	1/1/07	12/31/08

53	Determinación de compuestos funcionales en alimentos y fluidos biológicos mediante técnicas separativas avanzadas	Proyecto	1/31/05	12/31/08
54	Red temática "bioactive compounds";	Proyecto	1/1/07	12/1/08
55	Novedosas fases sensoras nanoestructuradas basadas en polímeros de impronta molecular de polaridad ajustable para el control de la contaminación de BTEX en agua de consumo humano	Proyecto	1/1/07	9/30/08
56	Elaboración de propuestas metodológicas de análisis de potabilidad del agua. transferencia a la Agencia Andaluza del Agua.	Contrato	1/29/05	9/28/08
57	Aprovechamiento de un subproducto cítrico: evaluación del potencial tecnológico industrial	Contrato	1/1/07	1/28/08
58	Estudio de la interacción de fitoquímicos antioxidantes y/o antimicrobianos con sistema modelo de biomembranas. aplicaciones en alimentación como ingredientes funcionales	Proyecto	1/1/05	12/31/07
59	Control y seguimiento de la calidad de aguas marítimas y fangos del Puerto de Motril	Contrato	1/1/07	12/31/07
60	Contrato de prestación de servicios entre la Autoridad Portuaria de Motril y la Universidad de Granada "análisis y control de la contaminación atmosférica del Puerto de Motril"	Contrato	1/1/07	12/31/07
61	Control de contaminación química en aguas de la Antártida	Proyecto	1/1/07	12/31/07
62	Determinación mediante electroforesis capilar de componentes funcionales en cerveza para el control de procesos industriales y de la calidad del producto final	Proyecto	1/25/04	8/24/07
63	Transferencia de nuevas técnicas de caracterización química del aceite complementarias al proceso de cata	Proyecto	1/1/06	12/31/06
64	Caracterización química de mieles y otros derivados de la colmena mediante electroforesis capilar empleando diferentes sistemas de detección	Proyecto	1/31/04	9/30/06
65	Caracterización química de mieles, polen y propóleo mediante electroforesis capilar con detección por DAD, FIL y EM	Proyecto	1/13/04	9/30/06
66	Contrato de transferencia: caracterización del aceite de oliva andaluz mediante el empleo de la técnica de electroforesis capilar	Contrato	1/15/03	3/15/06
67	Contrato de transferencia: desarrollo de nuevas metodologías analíticas rápidas para la detección de posibles fraudes o adulteraciones en el aceite de oliva virgen andaluz	Contrato	1/4/04	3/3/06
68	Desarrollo de nuevas metodologías analíticas rápidas para la detección de posibles fraudes o adulteraciones en el aceite de oliva virgen andaluz mediante el estudio de la fracción polifenólica y de esteroides y transferencia de la metodología al labor	Contrato	1/4/04	3/3/06
69	Utilización de la electroforesis capilar con detección FIL y MS como alternativa en el diagnóstico rápido de pesticidas. transferencia a la estación experimental de las Palmerillas	Contrato	1/1/02	12/31/05
70	Desarrollo de metodologías analíticas usando electroforesis capilar con detección de fluorescencia inducida por láser y espectrometría de masas	Proyecto	1/1/03	12/31/05
71	Desarrollo de metodologías analíticas usando electroforesis capilar con detección de fluorescencia inducida por láser y espectrometría de masas	Proyecto	1/1/02	10/31/05
72	Caracterización de cervezas y determinación de sus componentes por electroforesis capilar	Proyecto	1/24/04	6/23/05
73	Desarrollo e implementación de sensores luminiscentes para el control de la contaminación de HAPs en ambientes urbanos. transferencia a la Consejería de Agricultura y Pesca	Contrato	1/1/02	1/30/05
74	Desarrollo de metodologías analíticas mediante el empleo de la electroforesis capilar para la determinación de pesticidas e isoflavonas en alimentos funcionales	Proyecto	1/1/03	12/31/04
75	Control de la contaminación de HAPs en ambientes urbanos mediante sensores	Contrato	1/28/01	5/27/04

		Contrato	1/28/01	5/27/04
76	Determinación de hidrocarburos aromáticos policíclicos en ambientes urbanos por fosforescencia a temperatura ambiente	Convenio	1/28/01	5/27/04
77	Determinación de hidrocarburos aromáticos policíclicos en ambientes urbanos por fosforescencia a temperatura ambiente	Contrato	1/28/01	5/27/04
78	Caracterización de cervezas y determinación de sus componentes por electroforesis capilar	Contrato	1/1/00	12/31/03
79	Diseño y desarrollo experimental de un detector tof-ms para acoplar a un equipo comercial de ec y constatación de su aplicabilidad analítica mediante análisis de matrices medioambientales y alimentarias	Proyecto	1/1/03	12/31/03
80	Nuevas fases sensoras luminiscentes para la medida de especies contaminantes en aguas superficiales y subterráneas mediante la utilización de sensores de fibra óptica	Proyecto	1/28/00	12/27/03
81	Ayuda concedida por la obra social de la caja general de ahorros de granada	Contrato	1/15/99	11/15/03
82	Caracterización analítica de las mieles de granada	Proyecto	1/28/02	5/27/03
83	Puesta a punto de métodos de electroforesis capilar como técnica separativa alternativa para el control de pesticidas en diversas matrices de interés ambiental	Proyecto	1/1/00	12/31/01
84	Puesta a punto de metodos de electroforesis capilar como tecnica separativa alternativa para el control de pesticidas en diversas matrices de interes ambiental.	Proyecto	1/1/00	12/31/01
85	Análisis de residuos de pesticidas en aguas, suelos y vegetales de exportación. evaluación de la capacidad de la técnica de electroforesis capilar frente a las técnicas cromatográficas	Proyecto	1/1/99	12/31/01
86	Análisis de residuos de pesticidas en vegetales de exportación. evaluación de la capacidad de la técnica de electroforesis capilar frente a la técnicas cromatográficas	Proyecto	1/22/98	12/22/01
87	Análisis de residuos de pesticidas en aguas, suelos y vegetales de exportación. evaluación de la capacidad de la técnica de electroforesis capilar frente a las técnicas cromatográficas (hplc y glc-ms)	Proyecto	1/22/98	12/22/01
88	Desarrollo de sensores tipo alarma para el control de contaminantes químicos in situ y a tiempo real en diferentes ambientes	Contrato	1/1/00	9/30/01
89	Desarrollo de nuevas fases sensoras luminiscentes para la medida de especies contaminantes en aguas superficiales y subterráneas mediante la utilización de sensores de fibra optica	Contrato	1/1/00	9/30/01
90	Determinación de hidrocarburos aromaticos policiclicos en ambientes urbanos por fosforescencia a temperatura ambiente	Contrato	1/1/99	12/31/00
91	Determinación de hidrocarburos aromáticos policíclicos en ambientes urbanos por fosforescencia a temperatura ambiente	Contrato	1/1/99	12/31/00
92	Determinación de hidrocarburos aromaticos policiclicos en ambientes urbanos por fosforescencia a temperatura ambiente	Contrato	1/1/99	12/31/00
93	Análisis de la contaminación por no2 en granada mediante la utilización de tubos pasivos	Contrato	1/1/97	8/30/98
94	Determinación de sustancias inorgánicas por métodos luminiscentes	Contrato	1/1/83	12/31/83
95	Asesoramiento científico-técnico a la empresa nanomyp	Contrato	1/1/12	
96	Desarrollo de nanoestructuras de sol-geles híbridos y de polímeros impresos para la construcción de fases sensoras luminiscentes implementables en nanosensores de aplicación ambiental	Proyecto	12/31/03	
97	Preparación y caracterización de recubrimientos en materiales avanzados para mejorar sus propiedades superficiales. acciones coordinadas.	Proyecto	1/1/03	

Actividades 23

	Título actividad	Entidad	Tipo	Fecha
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Título actividad	Entidad	Tipo	Fecha
Participación en comité de revista: cromatografía y técnicas afines		Comités científicos de revista	Oct 1, 2004
Participación en comité de revista: analytical and bioanalytical chemistry		Comités científicos de revista	Oct 1, 2002
Participación en comité de revista: fresenius journal of analytical chemistry		Comités científicos de revista	Jan 1, 1998
Participación en comité de revista: talanta		Comités científicos de revista	Jan 1, 1998
Instituto de nutrición y tecnología de los alimentos de la universidad de granada (inyta)		Colaboración con centros i+d	Sep 3, 2012
Centro tecnológico de investigación y desarrollo del alimento funcional (cidaf)		Colaboración con centros i+d	Sep 3, 2012
Fondo para la investigación científica y tecnológica (foncyt). agencia nacional de promoción científica y tecnológica. ministerio de ciencia, tecnología e innovación productiva de argentina		Experiencia en evaluación	May 4, 2015
Participación en tribunales de tesis doctorales		Experiencia en evaluación	Nov 12, 2014
Special issue "bioactive phenolics and polyphenols";		Comités científicos de revista	Nov 3, 2014
Special issue "analytical determination of polyphenols";		Comités científicos de revista	Jul 1, 2014
Comisión de contratación del concurso público extraordinario	Universidad de granada	Experiencia en evaluación	Nov 19, 2015
Special issue "lipidomics and glycomics: new advances in food science and nutrition		Comités científicos de revista	Feb 1, 2016
Comisión de la mesa de contratación	Universidad de granada	Experiencia en evaluación	Jun 15, 2016
Miembro de la asociación nacional de químicos de españa (anque)	Asociación nacional de químicos de españa (anque)	Comité científico en sociedad ci	Apr 1, 2008
Ilustre colegio de químicos de sevilla	Asociación de químicos de andalucía (aqa)	Comité científico en sociedad ci	Apr 1, 2008
Sociedad de espectroscopia aplicada (sea)	Sociedad de espectroscopia aplicada (sea)	Comité científico en sociedad ci	Jun 20, 2013
I jornadas de investigadores en formación: fomentando la interdisciplinariedad (jiffi)	Universidad de granada. escuela internacional de posgrado	Comité científico en sociedad ci	May 18, 2016
Established, emerging and exploratory food science and technology	The food factor i conference	Comité científico en	Nov 2,

		sociedad ci	2016
Miembro de la junta de centro del centro tecnológico de investigación y desarrollo del alimento funcional (cidaf)	Centro tecnológico de investigación y desarrollo del alimento funcional (cidaf)	Colaboración con centros i+d	Jan 1, 2012
Miembro del claustro científico del centro tecnológico de investigación y desarrollo del alimento funcional (cidaf)	Centro tecnológico de investigación y desarrollo del alimento funcional (cidaf)	Colaboración con centros i+d	Jan 1, 2012
Comision evaluadora nº 8 de tfg del grado en farmacia		Experiencia en evaluación	Sep 1, 2016
Special issue "analytical techniques in plant and food analysis";		Comités científicos de revista	May 1, 2016
Special issue "advances in molecular research of functional and nutraceutical food 2017";		Comités científicos de revista	Apr 1, 2017

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