

Ficha de grupo de investigación

INVESTIGACION Y DESARROLLO DE FARMACOS

Código: CTS130

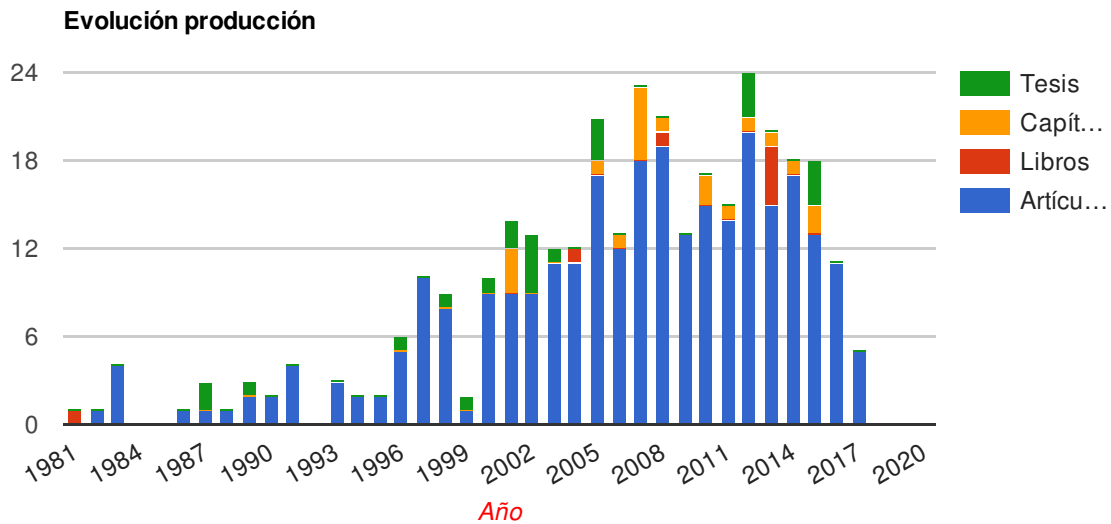
Responsable del grupo: JOAQUIN MARÍA CAMPOS ROSA

Miembros

- MIGUEL ANGEL GALLO MEZO Otros
- M^a ENCARNACIÓN CAMACHO QUESADA Otros
- ANA CONEJO GARCÍA Otros
- ANTONIO JOSÉ ENTRENA GUADIX Catedrático de universidad Tiempo completo
- JOAQUIN MARÍA CAMPOS ROSA Catedrático de universidad Tiempo completo
- MARÍA DORA CARRIÓN PEREGRINA Profesor titular de universidad Tiempo completo
- OLGA MARÍA CRUZ LÓPEZ Otros
- LUISA CARLOTA LOPEZ CARA Profesor titular de universidad Tiempo completo
- MARÍA JOSÉ PINEDA DE LAS INFANTAS VILLATORO Farmaceutico Tiempo completo

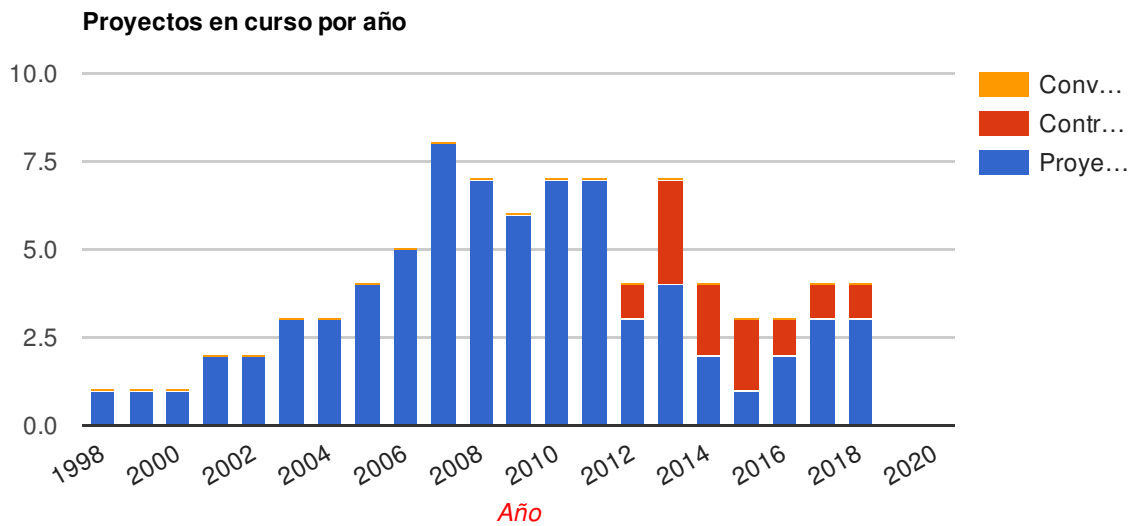
Producción 731

- Artículos (642)
- Libros (13)
- Capítulos de Libros (34)
- Tesis dirigidas (42)



Proyectos dirigidos 29

- Proyectos (24)
- Contratos (5)
- Convenios (0)



Actividades 43

Titulo publicación	Fuente	Tipo	Fecha
1-(benzenesulfonyl)-1,5-dihydro-4,1-benzoxazepine as a new scaffold for the design of antitumour compounds	Future medicinal chemistry	Articulo	2017
2-alkoxycarbonyl-3-arylamino-5-substituted thiophenes as a novel class of antimicrotubule agents: design, synthesis, cell growth and tubulin polymerization inhibition	European journal of medicinal chemistry	Articulo	2017
Antitumoral activity of 1,2-diaminocyclohexane derivatives in breast, colon and skin human cancer cells	Future medicinal chemistry	Articulo	2017
Design, synthesis and biological evaluation of 3-substituted-2-oxoindole hybrid derivatives as novel anticancer agents	European journal of medicinal chemistry	Articulo	2017
Synthesis and biological evaluation of 2-methyl-4,5-disubstituted oxazoles as a novel class of highly potent tubulin polymerization inhibitors	Scientific reports	Articulo	2017
¹ H and ¹³ C nmr spectral assignment of n,n ζ -disubstituted thiourea and urea derivatives active against nitric oxide synthase.	Magnetic resonance in chemistry	Articulo	2016
¹ H and ¹³ C nmr spectral assignments of 1,1 ζ -(((ethane-1,2-diylbis(oxy))bis(4,1-phenylene))bis(methylene))-bispyridinium and ζ bisquinolinium bromide derivatives.	Magnetic resonance in chemistry	Articulo	2016
Design, synthesis, crystallization and biological evaluation of new symmetrical biscationic compounds as selective inhibitors of human choline kinase ζ 1 (chok ζ 1)	Scientific reports	Articulo	2016
Five years of experience of teaching innovation in the subjects of organic chemistry and medicinal chemistry, using scifinder as a didactic complement		Articulo	2016
N,n ζ -disubstituted thiourea and urea derivatives: design, synthesis, docking studies and biological evaluation against nitric oxide synthase	Medchemcomm	Articulo	2016
Novel iodoacetamido benzoheterocyclic derivatives with potent antileukemic activity are inhibitors of stat5 phosphorylation	European journal of medicinal chemistry	Articulo	2016
Plasmodium falciparum choline kinase inhibition leads to a major decrease in phosphatidylethanolamine causing parasite death	Scientific reports	Articulo	2016
Quinazolinones, quinazolinthiones, and quinazolinimines as nitric oxide synthase inhibitors: synthetic study and biological evaluation	Archiv der pharmazie	Articulo	2016
Synthesis of oxadiazoline and quinazolinone derivatives and their biological evaluation as nitric oxide synthase inhibitors	Medicinal chemistry research	Articulo	2016
Synthetic methodologies for the preparation of arginine-proline derivatives		Articulo	2016
The use of wiki to promote students ζ learning in higher education (degree in pharmacy)	International journal of educational technology in higher education	Articulo	2016
¹ H and ¹³ C nmr spectral data of p-nitrobenzenesulfonamides and dansylsulfonamides derived from n-alkylated o-(purinemethyl)anilines	Magnetic resonance in chemistry	Articulo	2015
Amide-controlled, one-pot synthesis of tri-substituted purines generates structural diversity and analogues with trypanocidal activity	Scientific reports	Articulo	2015
Cancer stem cells: the new objective for the eradication of tumours	Horizons in cancer research	Capítulo de libro	2015
Design, synthesis, in vitro and in vivo anticancer and antiangiogenic activity of novel 3-arylamino benzofuran derivatives targeting the colchicine site on tubulin	Journal of medicinal chemistry	Articulo	2015
Development of urea and thiourea kynurenamine derivatives: synthesis, molecular modeling and biological evaluation as nitric oxide synthase inhibitors	Chemmedchem	Articulo	2015
Diseño y síntesis de nuevos inhibidores monocuaternizados con actividad antitumoral y antimalárica	Universidad de granada. química farmacéutica y	Tesis doctoral	2015

actividad antitumoral y antimetabólica	farmacéutica y orgánica	doctoral	
Enantiomerically pure substituted benzo-fused heterocycles: a new class of anti-breast cancer agents.	A concise review of molecular pathology of breast cancer	Capítulo de libro	2015
Nmr assignments and structural characterization of new thiourea and urea kynurenamine derivatives nitric oxide synthase inhibitors	Magnetic resonance in chemistry	Artículo	2015
New more polar symmetrical bipyridinic compounds: new strategy for the inhibition of choline kinase ζ 1	Future medicinal chemistry	Artículo	2015
New more polar symmetrical choline kinase inhibitors ii: study of setting up a new scaffold for the cancer therapy		Artículo	2015
Pharmacophore-based virtual screening to discover new active compounds for human choline kinase ζ 1	Molecular informatics	Artículo	2015
Synthesis and biological evaluation of a new series of 2-amino-3-aryl thiophene derivatives as agonist allosteric modulators of the α 1 adenosine receptor. a position-dependent effect study	European journal of medicinal chemistry	Artículo	2015
Synthesis and structure-activity relationship studies of new 3-methyl-5-(5-propyl-1H-1,4-diazol-3-yl)-1H-1,4-diazolopyrazoles as antimicrobial agents		Artículo	2015
Synthesis of 6,8,9 poly-substituted purine analogue libraries as pro-apoptotic inducers of human leukemic lymphocytes and dapk-1 inhibitors	Organic & biomolecular chemistry	Artículo	2015
Synthesis, molecular modeling and biological evaluation as nitric oxide synthase inhibitors	Chemmedchem	Artículo	2015
Síntesis y evaluación biológica frente a óxido nítrico sintasa de nuevas pirazolininas y derivados de urea y tiourea n,n ζ -disustituidos	Facultad de farmacia universidad de granada	Tesis doctoral	2015
Síntesis y evaluación biológica frente a óxido nítrico sintasa de nuevas pirazolininas y derivados de urea y tiourea n,n ζ -disustituidos		Tesis doctoral	2015
P-nitrobenzenesulfonamides and their fluorescent dansylsulfonamides derived from n-alkylated o- (purine-methyl)anilines as novel antitumour agents	Rsc advances: an international journal to further the chemical sciences	Artículo	2015
1h, 13c nmr studies of new 3-aminophenol isomers linked to pyridinium salts	Magnetic resonance in chemistry	Artículo	2014
4-amino bis-pyridinium derivatives as novel antileishmanial agents	Antimicrobial agents chemotherapy	Artículo	2014
Anti-proliferative activity of 2,6-dichloro-9- or 7-(ethoxycarbonylmethyl)-9h- or 7h-purines against several human solid tumour cell lines	European journal of medicinal chemistry	Artículo	2014
Choline kinase active site provides features for designing versatile inhibitors	Current topics in medicinal chemistry	Artículo	2014
Design, synthesis and biological evaluation of arylcinnamide hybrid derivatives as novel anticancer agents		Artículo	2014
Design, synthesis and biological evaluation of 3, 5-disubstituted 2-amino thiophene derivatives as a novel class of antitumor agents	Bioorganic & medicinal chemistry	Artículo	2014
Discovery of a new binding site on human choline kinase α 1: design, synthesis, crystallographic studies and biological evaluation of asymmetrical bispyridinium derivatives.	Journal of medicinal chemistry	Artículo	2014
Experiencia de los alumnos de química orgánica i y ii en el desarrollo de un fármaco en un laboratorio de investigación.	Ars pharmaceutica	Artículo	2014
Her2-signaling pathway, jnk and erk kinases, and cancer stem-like cells are targets of bozepinib small compound.	Oncotarget	Artículo	2014
Her2-signaling pathway; jnk and erk kinases, and cancer stem-like cells are targets of bozepinib small compound	Oncotarget	Capítulo de libro	2014

In vitro antiplasmodial and cytotoxic activities of asymmetrical pyridinium derivatives	European journal of medicinal chemistry	Articulo	2014
Nmr spectroscopic characterization of new nonsymmetrical bispyridinium choline kinase inhibitors	Magnetic resonance in chemistry	Articulo	2014
Stereospecific alkylation of substituted adenines by the mitsunobu coupling reaction under microwave-assisted conditions	Rsc advances: an international journal to further the chemical sciences	Articulo	2014
Structural elucidation errors in organic chemistry	Current organic chemistry	Articulo	2014
Synthesis and biological evaluation of novel 2-amino-3-aryl-4-neopentyl-5-substituted thiophene derivatives as allosteric enhancers of the α_1 adenosine receptor	Bioorganic & medicinal chemistry letters	Articulo	2014
Synthesis and biological evaluation of novel 2-amino-3-aryl-4-neopentyl-5-substituted thiophene derivatives as allosteric enhancers of the α_1 adenosine receptor	Bioorganic & medicinal chemistry	Articulo	2014
Synthesis and biological evaluation of novel allosteric enhancers of the α_1 adenosine receptor based on 2-amino-3-(4-chlorobenzoyl)-4-substituted-5-arylethynyl thiophene	Journal of medicinal chemistry	Articulo	2014
Synthesis and biological evaluation of novel 2-amino-3-aryl-4-neopentyl-5-substituted thiophene derivatives as allosteric enhancers of the α_1 adenosine receptor		Articulo	2014
Anticancer activity of novel hybrid molecules containing 5-benzylidene thiazolidine-2,4-dione	European journal medicinal chemistry	Articulo	2013
Antiproliferative activity, cell cycle, and apoptosis studies of a series of 6-substituted 9h-purin-9-yl-pyridinium derivatives on a human cervical carcinoma cell line	Chemmedchem	Articulo	2013
Chromatographic enantioresolution of six purine derivatives endowed with anti-human breast cancer activity	Chromatographia	Articulo	2013
Determination of potential scaffolds for human choline kinase α_1 by chemical deconvolution studies	Chembiochem	Articulo	2013
Enantiospecific synthesis of heterocycles linked to purines: different apoptosis modulation of enantiomers in breast cancer cells	Current medicinal chemistry	Articulo	2013
La web 2.0 como complemento para la formación integral del estudiante universitario dentro del nuevo espacio europeo de educación superior	Nuevos retos en investigación, docencia y clínica en ciencias de la salud	Articulo	2013
New non-symmetrical choline kinase inhibitors	Bioorganic & medicinal chemistry	Articulo	2013
Plan de acción tutorial biorienta2: orientación a futuros la investigación en biomedicina como carrera profesional	Innovación docente y buenas prácticas en la universidad de granada	Articulo	2013
Química farmacéutica i	Universidad de granada	Libros	2013
Química farmacéutica ii	Universidad de granada	Libros	2013
Sistema de evaluación por competencias en el nuevo grado de farmacia	Nuevos retos en investigación, docencia y clínica en ciencias de la salud	Articulo	2013
Synthesis and biological effects of novel 2-amino-3-(4-chlorobenzoyl)-4-substituted thiophenes as allosteric enhancers of the α_1 adenosine receptor	European journal of medicinal chemistry	Articulo	2013

Nuevos inhibidores de colino kinasa no simétricos y simétricos mas polares con actividad antitumoral y antimalarica	granada. facultad de farmacia. españa	Tesis doctoral	2012
Structure-activity relationships of 2-amino-3-aryl-4-[(4-arylpiperazin-1-yl)m-ethyl]thiophenes. part 2: probing the influence of diverse substituents at the phenyl of the arylpiperazine moiety on allosteric enhancer activity at the α_1 adenosine rec	Bioorganic & medicinal chemistry	Articulo	2012
Structure-activity relationships of 2-amino-3-aryl-4-[(4-arylpiperazin-1-yl)m-ethyl]thiophenes. part 2: probing the influence of diverse substituents at the phenyl of the arylpiperazine moiety on allosteric enhancer activity at the α_1 adenosine recep	Bioorganic & medicinal chemistry	Articulo	2012
Synthesis and biological evaluation of 2-amino-3-(4-chlorobenzoyl)-4-[(4-arylpiperazin-1-yl)methyl]-5-substituted-thiophenes. effect of the 5-modification on allosteric enhancer activity at the α_1 adenosine receptor	Journal of medicinal chemistry	Articulo	2012
Synthesis and biological evaluation of 2-amino-3-(4-chlorobenzoyl)-4-[(4-arylpiperazin-1-yl)methyl]-5-substituted-thiophenes. effect of the 5-modification on allosteric enhancer activity at the α_1 adenosine receptor	Journal of medicinal chemistry	Articulo	2012
Synthesis and biological evaluation of 2-amino-3-(4-chlorobenzoyl)-4-(4-arylpiperazin-1-yl)methyl)-5-substituted-thiophenes. effect of the 5-modification on allosteric enhancer activity at the α_1 adenosine receptor	Journal of medicinal chemistry	Articulo	2012
Synthesis and biological evaluation of 2-substituted-4-(30,40,50-trimethoxyphenyl)-	Bioorganic & medicinal chemistry	Articulo	2012
Synthesis, unambiguous chemical characterization, and reactivity of 2,3,4,5-tetrahydro-1,5-benzoxacepines-3-ol	Rsc advances: an international journal to further the chemical sciences	Articulo	2012
The selective cytotoxic activity in breast cancer cells by an anthranilic alcohol-derived acyclic 5-fluorouracil o,n-acetal is mediated by endoplasmic reticulum stress-induced apoptosis	European journal of medicinal chemistry	Articulo	2012
¿programas de acción tutorial en el grado de farmacia: necesidades de	Docencia universitaria y creatividad	Articulo	2012
Anticancer activity and cDNA microarray studies of a (rs)-1,2,3,5-tetrahydro-4,1-benzoxazepine-3-yl]-6-chloro-9h-purine, and an acyclic (rs)-o,n-acetalic 6-chloro-7h-purine	European journal of medicinal chemistry	Articulo	2011
Biorienta2: orientación a futuros farmacéuticos. la investigación en biomedicina como carrera profesional	Univest 2011	Articulo	2011
Benzo-fused seven and six-membered derivatives linked to pyrimidines or purines induce apoptosis of human metastatic breast cancer mcf7 cells in vitro	Breast cancer - current and alternative therapeutic modalities	Capítulo de libro	2011
Homodimeric bis-quaternary heterocyclic ammonium salts as potent acetyl- and butyrylcholinesterase inhibitors: a systematic investigation of the influence of linker and cationic heads over affinity and selectivity	Journal of medicinal chemistry	Articulo	2011
New (rs)-benzoxazepin-purines with antitumour activity: the chiral switch from (rs)-2,6-dichloro-9-[1-(p-nitrobenzenesulfonyl)-1,2,3,5-tetrahydro-4,1-benzoxazepin-3-yl]-9h-purine	European journal of medicinal chemistry	Articulo	2011
One-pot synthesis and biological evaluation of 2-pyrrolidinyl-4-amino-5-(3,4,5-trimethoxybenzoyl)thiazole: a unique, highly active antimicrotubule agents.	European journal of medicinal chemistry	Articulo	2011
Protective effects of synthetic kynurenines on 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced parkinsonism in mice	Brain research bulletin	Articulo	2011
Synthesis and anticancer activity of (rs)-9-(2,3-dihydro-1,4-benzoxaheteroin-2-ylmethyl)-9h-purines	European journal of medicinal chemistry	Articulo	2011
Synthesis and anticancer activity of the (r,s)-benzofused 1,5-oxathiepine moiety tethered to purines through alkylidenoxy linkers	Chemmedchem	Articulo	2011
Synthesis and antitumor molecular mechanism of agents based on amino			2011

2-(3,4,5-trimethoxybenzoyl)benzo[b]furan: inhibition of tubulin and induction of apoptosis.	Chemmedchem	Articulo	2011
Synthesis and anticancer activity of the (r,s)-benzofused 1,5-oxathiepine moiety tethered to purines through alkylidenoxy linkers.	Chemmedchem	Articulo	2011
Synthesis of novel antimitotic agents based on 2-amino-3-aryl-5-(hetero)arylethynyl thiophene derivatives	Bioorganic & medicinal chemistry letters	Articulo	2011
The chemotherapeutic drug 5-fluorouracil promotes pkr-mediated apoptosis in a p53- independent manner in colon and breast cancer cells	Plos one	Articulo	2011
Two tautomeric polymorphs of 2,6-dichloropurine	Acta crystallographica section c: crystal structure communications	Articulo	2011
Utilización y aplicación de la herramienta ¿google docs¿ en la docencia universitaria dentro del marco del ees	Univest 2011	Articulo	2011
2d-qsar: the mathematics behind the drug design methodology	New developments in medicinal chemistry	Capítulo de libro	2010
Design, synthesis and biological evaluation of new choline kinase (chok) inhibitors	Drugs of the future	Articulo	2010
Estudio de necesidades de orientación académicas y profesionales, plan de acción tutorial: biorienta2	Ars pharmaceutica	Articulo	2010
Neighbouring-group participation involving the oxygen atom of the o,o- or o,n-acetal functional groups	Current organic chemistry	Articulo	2010
Rapid development of chiral drugs in the pharmaceutical industry	New developments in medicinal chemistry	Capítulo de libro	2010
Structural basis for binding of cyclic 2-oxoglutarate analogues to factor-inhibiting hypoxia-inducible factor.	Bioorganic & medicinal chemistry letters	Articulo	2010
Study needs of academic and professional guidance, tutorial action plan biorienta2..	Ars pharmaceutica	Articulo	2010
Substituted 2-(3, 4, 5- trimethoxybenzoyl)-benzo[b]thiophene derivatives as potent tubulin polymerization inhibitors.	Bioorganic & medicinal chemistry	Articulo	2010
Symmetrical alfa-bromoacryloylamidodiaryldienone derivatives as a novel series of antiproliferative agents. design, synthesis and biological evaluation	Bioorganic & medicinal chemistry letters	Articulo	2010
Synthesis and antitumor activity of 1,5-disubstituted 1,2,4-triazoles as cis-restricted combrestastatin analogues	Journal of medicinal chemistry	Articulo	2010
Synthesis and biological evaluation of 2-(3,4,5-trimethoxybenzoyl)-3-aryl/arylaminobenzo[b]thiophene derivatives as a novel class of antiproliferative agents	European journal of medicinal chemistry	Articulo	2010
Synthesis and cellular pharmacology studies of a series of 2-amino-3-aryl-4-substituted thiophene derivatives	Medicinal chemistry	Articulo	2010
Synthesis and evaluation of haloacetyl, alfa-bromoacryloyl and nitrooxyacetyl benzo[b]furan and benzo[b]thiophene derivatives as potent antiproliferative agents against leukemia l1210 and k562 cells	Letters in drug design and discovery	Articulo	2010
Synthesis of 9-alkyl-6-amino[1,2,4]triazolo[3,4-c]-5-azaquinoxalines. mild and effective snar amination of highly electron-poor heterocycles	Tetrahedron letters	Articulo	2010
Synthesis, biological evaluation, and docking studies of novel heterocyclic diaryl compounds as selective cox-2 inhibitors.	European journal of medicinal chemistry	Articulo	2010
Synthesis of purine derivatives as scaffolds for a diversity of biological activities	Current organic chemistry	Articulo	2010
Sé tú el cambio que quieras ver en la universidad you must be the change you want to see in the university	Ars pharmaceutica	Articulo	2010
2-aryl amino-4-amino-5-arylthiazoles. "one-pot" synthesis and	.Journal of medicinal		

Alfa-arylamino-4-amino-5-arylothiazoles. "one-pot" synthesis and biological evaluation of a new class of inhibitors of tubulin polymerization	Journal of medicinal chemistry	Articulo	2009
Alfa-arylamino-4-amino-5-arylothiazoles. "one-pot" synthesis and biological evaluation of a new class of inhibitors of tubulin polymerization	Journal of medicinal chemistry	Articulo	2009
Alfa-halogenoacrylic derivatives of antitumor agents.	Mini-reviews in medicinal chemistry	Articulo	2009
Design, synthesis and structure-activity relationship of 2-(3,4,5-trimethoxybenzoyl)-benzo[b]furan derivatives as a novel class of inhibitors of tubulin polymerization	Bioorganic & medicinal chemistry	Articulo	2009
Discovery of 8-methoxypyrazino[1,2-a]indole as a new potent antiproliferative agent against human leukemia k562 cells. a structure-activity relationship study	Letters in drug design and discovery	Articulo	2009
Hybrid alpha-bromoacryloylamido chalcones. design, synthesis and biological evaluation	Bioorganic & medicinal chemistry letters	Articulo	2009
Melatonin and its brain metabolite n(1)-acetyl-5-methoxykynuramine prevent mitochondrial nitric oxide synthase induction in parkinsonian mice	Journal of neuroscience research	Articulo	2009
Molecular dynamics simulation of the heterodimeric mglur2/5ht2a complex. an atomistic resolution study of a potential new target in psychiatric conditions	Journal of chemical information and modeling	Articulo	2009
Nmr and conformational studies of new 5-phenylpyrrole-carboxamide derivatives	Magnetic resonance in chemistry	Articulo	2009
Nmr and conformational studies of new 5-phenylpyrrole-carboxamide derivatives	Magnetic resonance in chemistry	Articulo	2009
Phenylpyrrole derivatives as neural and inducible nitric oxide synthase (nos and inos) inhibitors	European journal of medicinal chemistry	Articulo	2009
Synthesis and biological evaluation of 4,5-diphenyloxazolone derivatives on route towards selective cox-2 inhibitors	European journal of medicinal chemistry	Articulo	2009
Synthesis and evaluation of a thio analogue of duocarmycin sa	Bioorganic & medicinal chemistry letters	Articulo	2009
1h, 13c-nmr, x-ray and conformational studies of new 1-alkyl-3-benzoyl-pyrazole and 1-alkyl-3-benzoyl-pyrazoline derivatives.	Magnetic resonance in chemistry	Articulo	2008
Anticancer activity of (1,2,3,5-tetrahydro-4,1-benzoxazepine-3-yl)-pyrimidines and -purines against the mcf-7 cell line: preliminary cdna microarray studies	Bioorganic & medicinal chemistry letters	Articulo	2008
Design, synthesis and anticancer activity against the mcf-7 cell line of benzo-fused 1,4-dihetero sevenand six-membered tethered pyrimidines and purines.	Current medicinal chemistry	Articulo	2008
Design, synthesis, and biological evaluation of thiophene analogues of chalcones	Bioorganic & medicinal chemistry	Articulo	2008
Evaluation of aspirin metabolites as inhibitors of hypoxia inducible factor hydroxylases	Chemical communications	Articulo	2008
From 5-fluorouracil acyclonucleosides to benzo-fused sixand seven-membered rings linked to pyrimidine and purine bases: the shift from differentiating anticancer agents to apoptotic inducers	Expert opinion on drug discovery	Articulo	2008
Inhibition of immune complex-mediated neutrophil oxidative metabolism: a pharmacophore model for 3-phenylcoumarin derivatives using grind-based 3d-qsar and 2d-qsar procedures	European journal of medicinal chemistry	Articulo	2008
Latest advances on regiospecific microwave-assisted synthesis of novel purine derivatives as antitumor agents	Expert opinion on therapeutic patents	Articulo	2008
Química fina farmacéutica.	Universidad granada	Libros	2008
Regiospecific microwave-assisted synthesis and cytotoxic activity	European journal of		2008

against human breast cancer cells of (rs)-6-substituted-7- or 9-(2,3-dihydro-5h-1,4-benzodioxepin-3-yl)-7h- or -9h-purines	medicinal chemistry	Articulo	2008
Synthesis and anticancer activity of (r,s)-9-(2,3-dihydro-1,4-benzoxathiin-3-ylmethyl)-9h-purines	Chemmedchem	Articulo	2008
Synthesis and anticancer activity of (rs)-9-(2,3-dihydro-1,4-benzoxathiin-3-ylmethyl)-9h-purines	Chemmedchem	Articulo	2008
Synthesis and biological evaluation of 1-methyl-2-(3-trimethoxybenzoyl)-3-aminoindoles as a new class of antimitotic agents and tubulin inhibitors	Journal of medicinal chemistry	Articulo	2008
Synthesis and biological evaluation of 2-(3-trimethoxybenzoyl)-3-n,n-dimethylamino benzo[b]furan derivatives as inhibitors of tubulin polymerization	Bioorganic & medicinal chemistry	Articulo	2008
Synthesis and biological evaluation of 2-amino-3-(3-trimethoxybenzoyl)-6 substituted-4,5,6,7-tetrahydrothieno[2,3-c]pyridine derivatives as antimitotic agents and inhibitors of tubulin polymerization	Bioorganic & medicinal chemistry letters	Articulo	2008
Synthesis and biological evaluation of 2-amino-3-(4-chlorobenzoyl)-4-[n-(substituted) piperazin-1-yl]thiophenes as potent allosteric enhancers of the α_1 adenosine receptor	Journal of medicinal chemistry	Articulo	2008
Synthesis and biological evaluation of 2-aroyl-4-phenyl-5-hydroxybenzofurans as a new class of antitubulin agents	Medicinal chemistry	Articulo	2008
Synthesis and biological evaluation of a series of 2-(3,4,5-trimethoxybenzoyl)-indol-3-yl acetic acid derivatives as potential agents against human leukemia k562 cells	Letters in drug design and discovery	Articulo	2008
Synthetic routes and pharmacology of top drugs	Current methods in medicinal chemistry and biological physics vol. 2	Capítulo de libro	2008
The p2x7 receptor as a therapeutic target	Expert opinion on therapeutic targets	Articulo	2008
Thermal n-9-substituted-9-(2,3-dihydro-5h-1,4-benzodioxepin-3-yl)-9h-purines in solution: mechanistic aspects	Mini-reviews in organic chemistry	Articulo	2008
(2,3-dihydro-1,4-benzodioxin-2-yl)methanol	Acta crystallographica. section e	Articulo	2007
1h and 13c nmr studies of 2-functionalized 5-(methylsulfonyl)-1-phenyl-1h-indoles	Magnetic resonance in chemistry	Articulo	2007
A synthetic uracil derivative with antitumor activity through decreasing cyclin d1 and cdk1, and increasing p21 and p27 in mcf-7 cells	Breast cancer research and treatment	Articulo	2007
Allosteric enhancers for α_1 adenosine receptor	Mini-reviews in medicinal chemistry	Articulo	2007
Antiproliferative activity, cell cycle dysregulation and cellular differentiation of salicyl- and catechol-derived acyclic 5-fluorouracil o,n-acetals against breast cancer cells	Chemmedchem	Articulo	2007
Antiproliferative activity, cell-cycle dysregulation, and cellular differentiation: salicyl- and catechol-derived acyclic 5-fluorouracil o,n-acetals against breast cancer cells	Chemmedchem	Articulo	2007
Cellular mechanisms involved in the melatonin inhibition of ht-29 human colon cancer cell proliferation in culture.	Journal of pineal research	Articulo	2007
Cyclophanes and bicyclophanes: fascinating molecules in organic chemistry	Targets in heterocyclic chemistry	Capítulo de libro	2007
Design, syntheses, biological evaluation, and docking studies of 2-substituted 5-methylsulfonyl-1-phenyl-1h-indoles: potent and selective in	Chemmedchem	Articulo	2007

substituted 3-methylsulfonyl-1-phenyl-1H-imidazoles: potent and selective in vitro cyclooxygenase-2 inhibitors.	Chemmedchem	Artículo	2007
From tyrosine to glycine: synthesis and biological activity of potent antagonists of the purinergic p2x7 receptor purinergic p2x7 receptor	Journal of medicinal chemistry	Artículo	2007
Hybrid molecules containing benzo[4,5]imidazo[1,2-d][1,2,4]thiadiazole and a-bromoacryloyl moieties as potent apoptosis inducers on human myeloid leukaemia cells.	Bioorganic & medicinal chemistry letters	Artículo	2007
Microwave-assisted synthesis of substituted 2,4-diarylthiazoles and their evaluation as anticancer agents	Letters in drug design and discovery	Artículo	2007
Nutritional role of nucleotides in physiological and pathological conditions	Research advances in nutrition	Capítulo de libro	2007
Qsar as a tool for the development of potent antiproliferative agents by inhibition of choline kinase	Current computer-aided drug design	Artículo	2007
Synthesis and biological evaluation of 2-amino-3-(3,4,5-trimethoxyphenylsulfonyl)-5-aryl thiophenes as a new class of antitubulin agents	Medicinal chemistry	Artículo	2007
Synthesis and biological evaluation of 2-amino-3-(3,4,5-trimethoxyphenylsulfonyl)-5-aryl thiophenes as a new class of antitubulin agents	Medicinal chemistry	Artículo	2007
Synthesis and biological evaluation of 2-and 3-amino benzo[b]thiophene derivatives as antimetabolic agents and inhibitors of tubulin polymerization.	Journal of medicinal chemistry	Artículo	2007
Synthesis and biological evaluation of novel 1-deoxy-1[6-((hetero)arylcarbonil)hidrazino-9h-purin-9-yl]-n-ethyl-b-d-ribofuranuronamide derivatives as useful templates for the development of a2b adenosine receptor agonists	Journal of medicinal chemistry	Artículo	2007
Synthesis and reactivity of (rs)-6-chloro-7- or 9-(1,2,3,5-tetrahydro-4,1-benzoxazepin-3-yl)-7h- or 9h-purines bearing a nitrobenzenesulfonyl group on the nitrogen atom	Tetrahedron	Artículo	2007
Synthesis and reactivity of 5-alkoxy-1,4-diheteroepanes and of medium acetalic benzo-fused oxacycles: preparation of cyclic and acyclic uracil hemiaminals with notable biological activities	Modern approaches to the synthesis of o- and n-heterocycles	Capítulo de libro	2007
Synthesis of a new series of pyrazolo[1,5-a]pyrimidines structurally related to zaleplon	Journal of heterocyclic chemistry	Artículo	2007
Therapeutic potencial of differentiation in cancer and normal stem cells	New cell differentiation research topics	Capítulo de libro	2007
Therapeutic potencial of differentiation in cancer and normal stem cells	New cell differentiation research topics	Capítulo de libro	2007
An unexpected aromatization during the n-alkylation reaction of 3,4-dihydro-1h-pyrazole derivatives: insight into the reaction mechanism	Tetrahedron letters	Artículo	2006
Back door modulation of the farnesoid x receptor: design, synthesis, and biological evaluation of a series of side chain modified chenodeoxycholic acid derivatives	Journal of medicinal chemistry	Artículo	2006
Characterization of latex-antineoplastic drug complexes by differential scanning calorimetry and microphotography	Die pharmazie	Artículo	2006
Hybrid molecules based on distamycin a as potential antitumor agents		Artículo	2006
Inhibition of neuronal nitric oxide synthase activity by n-1-acetyl-5-methoxykynuramine, a brain metabolite of melatonin	Journal of neurochemistry	Artículo	2006
Insight into the inhibition of choline kinase by ca ²⁺ ion: homology modeling and molecular dynamics simulations	Chemmedchem	Artículo	2006
La inhibición del enzima colina quinasa como una nueva terapia antiproliferativa	Avances en oncología básica y aplicada	Capítulo de libro	2006
Microwave-assisted synthesis of thieno[2,3-c]pyridine derivatives as a new series of allosteric enhancers at the adenosine a1 receptor	Bioorganic & medicinal chemistry letters	Artículo	2006

Microwave-assisted synthesis of thieno[2,3-c]pyridine derivatives as a new series of allosteric enhancers at the adenosine a1 receptor	Bioorganic & medicinal chemistry letters	Articulo	2006
Reduction of different electrón-poor n-heteroarylhydrazines in strong basic conditions.	Chemistry a european journal	Articulo	2006
Study of the factors that control the ratio of the products between 5-fluorouracil, uracil, and tetrahydrobenzoxazepine o,o-acetals bearing electron-withdrawing groups on the nitrogen atom	Journal of organic chemistry	Articulo	2006
Synthesis and anticancer activity studies of novel 1-(2,3-dihydro-5h-1,4-benzodioxepin-3-yl)uracil and (6?-substituted)-7- or 9-(2,3-dihydro-5h-1,4-benzodioxepin-3-yl)-7h- or 9h-purines	Tetrahedron	Articulo	2006
Synthesis and biological evaluation of 2-(3′,4′,5′- trimethoxybenzoyl)-3-amino 5-aryl thiophenes as a new class of tubulin inhibitors	Journal of medicinal chemistry	Articulo	2006
A prodrug system for hydroxylamines based on esterase catalysis	Bioorganic & medicinal chemistry letters	Articulo	2005
Antitumoural properties of benzannelated seven-membered 5-fluorouracil derivatives and related open analogues. molecular markers for apoptosis and cell cycle dysregulation.	Il farmaco	Articulo	2005
Diseño y síntesis de benzoxazepinas como fármacos antitumorales: incremento de la diversidad estructural	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2005
Diseño, síntesis y evaluación biológica de n-fenilindoles como inhibidores selectivos de la ciclooxigenasa 2	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2005
H-1 and c-13 spectral assignment of symmetrical bis[(4-aminosubstituted)quinolinium] derivatives	Magnetic resonance in chemistry	Articulo	2005
Kynurenamines as neural nitric oxide synthase inhibitors	Journal of medicinal chemistry	Articulo	2005
Molecular dynamics simulation of the ligand binding domain of farnesoid x receptor. insights into helix-12 stability and coactivator peptide stabilization in response to agonist binding	Journal of medicinal chemistry	Articulo	2005
New oxazolidinone antibacterial agents	Antibiotics	Capítulo de libro	2005
Nuevos derivados pirrólicos y pirazólicos: síntesis y evaluación biológica frente a oxido nítrico sintasa	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2005
Regioselective one-pot synthesis of 9-alkyl-6-chloropyrido[3,2-e][1,2,4]triazolo-[4,3-a]pyrazines. reactivity of aliphatic and aromatic hydrazides	Journal of organic chemistry	Articulo	2005
Rules for predicting the conformational behavior of saturated seven-membered heterocycles		Articulo	2005
Structural elucidation of a new d2-pyrazoline derivatives using 1h and 13c nmr spectroscopy	Magnetic resonance in chemistry	Articulo	2005
Symmetrical bis-quinolinium compounds: new human choline kinase inhibitors with antiproliferative activity against the ht-29 cell line	Journal of medicinal chemistry	Articulo	2005
Synthesis and biological activity of alpha-bromoacryloyl lexitropsin conjugates	European journal of medicinal chemistry	Articulo	2005
Synthesis and biological evaluation of allosteric a1-adenosine receptor modulators structurally related to (2-amino-4,5,6,7-tetrahydrobenzof[1,2,3-c]thiazep-2-yl) (4-chloro-phenyl) methanone a patent	Medicinal chemistry research	Articulo	2005

tetrahydrobenzo[<i>b</i>]triazolo[4,5- <i>c</i>]-1,2,4-triazole-3-yl)-(4-chloro-phenyl)-methanone, a potent compound useful to reduce neuropathic pain.	research		
Synthesis and nmr studies on a c-3-symmetrical triquinolina triscationic bicyclopheane	Journal of organic chemistry	Articulo	2005
Synthesis and preliminary biological evaluation of new anti-tubulin agents containing different benzoheterocycles	Bioorganic & medicinal chemistry letters	Articulo	2005
Synthesis of novel 1-(2,3-dihydro-5h-4,1-benzoxathiepin-3-yl)-uracil and -thymine, and their corresponding s-oxidized derivatives	Tetrahedron	Articulo	2005
Structural elucidation of a new ζ 2-pyrazoline derivatives using 1h and 13c nmr spectroscopy	Magnetic resonance in chemistry	Articulo	2005
The inhibition of factor inhibiting hypoxia inducible factor (fih) by ζ ò-oxocarboxylic acids	Chemical communications	Articulo	2005
Towards a model for the inhibition of choline kinase by a new type of inhibitor	European journal of medicinal chemistry	Articulo	2005
4,5-dihydro-1h-pyrazole derivatives with inhibitory nnos activity in rat brain: synthesis and structure-activity relationships	Journal of medicinal chemistry	Articulo	2004
Bile acid derivatives as ligands of the farnesoid x receptor. synthesis, evaluation, and structure activity relationship of a series of body- and side chain-modified analogs of chenodeoxycholic acid	Journal of medicinal chemistry	Articulo	2004
Cinnamoyl nitrogen mustard derivatives of pyrazole analogues of tallimustine modified at the amidino moiety: design, synthesis, molecular modeling and antitumor activity studies	Bioorganic & medicinal chemistry	Articulo	2004
Effects of some synthetic kynurenines on brain amino acids and nitric oxide after pentylenetetrazole administration to rats	Journal of pineal research	Articulo	2004
Growth inhibition, g(1)-arrest, and apoptosis in mcf-7 human breast cancer cells by novel highly lipophilic 5-fluorouracil derivatives	Investigational new drugs	Articulo	2004
Ideas básicas de química orgánica	Grupo anaya	Libros	2004
Influence of the linker in bispyridium compounds on the inhibition of human choline kinase	Journal of medicinal chemistry	Articulo	2004
Substituent effects on the reaction mode between 2-hydroxybenzyl alcohol derivatives and mem chloride: synthesis and mechanistic aspects of seven- and ten-membered benzo-fused o,o-acetals	Tetrahedron	Articulo	2004
Synthesis and inos/nnos inhibitory activities of new benzoylpyrazoline derivatives	Tetrahedron	Articulo	2004
Synthesis of tetrahydrobenzoxazepine acetals with electron-withdrawing groups on the nitrogen atom. novel scaffolds endowed with anticancer activity against breast cancer cells	Tetrahedron	Articulo	2004
Synthesis, biological activity, and quantitative structure-activity relationship study of azanaphthalimide and arylnaphthalimide derivatives	Journal of medicinal chemistry	Articulo	2004
Synthesis and biological evaluation of novel n6-[4-(substituted)sulfonamidophenylcarbamoyl]adenosine-5 ζ -uronamides as a3 adenosine receptor agonists	Journal of medicinal chemistry	Articulo	2004
Anticancer bisquaternary heterocyclic compounds: a ras-ional design	Il farmaco	Articulo	2003
Binding mode of 6ecdca, a potent bile acid agonist of the farnesoid x receptor (fxr)	Bioorganic & medicinal chemistry letters	Articulo	2003
Bispyridinium cyclophanes: novel templates for human choline kinase inhibitors	Journal of medicinal chemistry	Articulo	2003
Choline kinase inhibitory effect and antiproliferative activity of new 1,1',1''-(benzene-1,3,5-trivlmethylene)tris{4-[(disubstituted)amino]pyridinium} tribromides	European journal of medicinal chemistry	Articulo	2003
Choline kinase inhibitory effect and antiproliferative activity of new 1,1',1''-(benzene-1.3.5-trivlmethylene)tris{4-[disubsti-	European journal of medicinal chemistry	Articulo	2003

	medicinal chemistry		
tuted)amino]pyridinium} tribromides			
Conformational dynamics of a bispyridinium cyclophane	Journal of organic chemistry	Articulo	2003
Inhibition of choline kinase as a specific cytotoxic strategy in oncogene-transformed cells	Oncogene	Articulo	2003
Medium benzene-fused oxacycles with the 5-fluorouracil moiety: synthesis, antiproliferative activities and apoptosis induction in breast cancer cells	Tetrahedron	Articulo	2003
Neighbouring-group participation as the key step in the reactivity of acyclic and cyclic salicyl-derived o,o-acetals with 5-fluorouracil. antiproliferative activity, cell cycle dysregulation and apoptotic induction of new o,n-acetals against breast c	Tetrahedron	Articulo	2003
Synthesis and evaluation of new 5-fluorouracil antitumor cell differentiating derivatives	Bioorganic & medicinal chemistry	Articulo	2003
Synthesis and spectral study of a novel distamycin conjugate	Magnetic resonance in chemistry	Articulo	2003
Síntesis y actividad biológica frente a óxido nítrico sintasa de nuevos derivados kinurenámicos y pirazolínicos	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2003
1h and 13c chemical shifts for bis(benzopyridinium) dibromides with semirigid aromatic linkers.	Magnetic resonance in chemistry	Articulo	2002
An efficient one-pot synthesis of 6-alkoxy-8,9-dialkylpurines via reaction of 5-amino-4-chloro-6-alkylaminopyrimidines with n,n-dimethylalkaneamides and alkoxide ions	Tetrahedron	Articulo	2002
Design, synthesis and biological activity of hybrid compounds between uramustine and dna minor groove binder dystamycin a	Journal of medicinal chemistry	Articulo	2002
Design, synthesis, and biological activity of hybrid compounds between uramustine and dna minor groove binder distamycin a	Journal of medicinal chemistry	Articulo	2002
H-1 and c-13 chemical shifts for bis(benzopyridinium) dibromides with semirigid aromatic linkers	Magnetic resonance in chemistry	Articulo	2002
Identification of novel cyclooxygenase-2 selective inhibitors using pharmacophore models	Journal of medicinal chemistry	Articulo	2002
Inhibition of nnos activity in rat brain by synthetic kinurenines: structure-activity dependence	Journal of medicinal chemistry	Articulo	2002
Inhibition of nnos activity in rat brain by synthetic kynurenines: structure-activity dependence	Journal of medicinal chemistry	Articulo	2002
Kinurenaminas y productos relacionados activos en sistema nervioso central	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2002
Nuevos antitumorales específicos frente a células transformadas por el oncogén ras, con estructura bisquinolínica dirigidos a la colina quinasa	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2002
Nuevos profármacos de 5-fluorouracilo con restos de dihidrobenzodioxepinos y compuestos relacionables con actividad diferenciadora celular y antiproliferativa	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2002
Piridofanos simétricos: nuevos inhibidores de colina quinasa con propiedades antiproliferativas	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2002
Quantitative structure-activity relationships for a series of symmetrical	Bioorganic &	Articulo	2002

bisquaternary anticancer compounds	medicinal chemistry	Artículo	2002
Calcium-activated potassium channels sustain calcium signaling in t lymphocytes. selective blockers and manipulated channel expression levels.	Journal of biological chemistry	Artículo	2001
Cis- and trans-1-[3-(hydroxymethyl)-1,4-dioxepan-5- yl]pyrimidines: a new nucleoside prototype with a seven- membered moiety	Tetrahedron	Artículo	2001
Conformational analysis of carboxyphenylglycine (cpg) derivatives: insight into bio-active and bio-selective conformations of group-i mglurs antagonist	Il farmaco	Artículo	2001
Design, synthesis and biological activity of 5-fluorouracil- distamycin hybrids	Medicinal chemistry research	Artículo	2001
Dianas biológicas: receptores	Introducción a la química farmacéutica	Capítulo de libro	2001
From "me too" to qsar-derived choline kinase inhibitors	Recent research in development medicinal chemistry	Artículo	2001
From "me-too" to qsar-derived choline kinase inhibitors: a modern and promising chomotherapy	Recent research in development medicinal chemistry	Artículo	2001
From me-too to qsar-derived choline kinase inhibitors: a modern and promising chemotherapy	Recent research developments in medicinal chemistry	Capítulo de libro	2001
Lumo energy of model compounds of bispuridinium compounds as an index for the inhibition of choline kinase.	European journal of medicinal chemistry	Artículo	2001
Lumo energy of model compounds of bispyridinium compounds as an index for the inhibition of choline kinase	European journal of medicinal chemistry	Artículo	2001
Nuevas moléculas que interaccionan con la ruta colina quinasa como posibles agentes antitumorales	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2001
Nuevos híbridos de la distamicina-a con bases pirimidínicas: estructura y actividad farmacológica	Universidad de granada. química orgánica	Tesis doctoral	2001
Qsar and molecular modelling studies of baclofen analogs as gabab agonist. insights into the role of the aromatic moiety in gabab binding and activation	Journal of medicinal chemistry	Artículo	2001
Síntesis de fármacos con estructura heterocíclica no condensada	Introducción a la química farmacéutica	Capítulo de libro	2001
A new synthetic approach to pyrazolo[3,4-c]-1,2,5-oxadiazoles	Synthesis	Artículo	2000
Análogos nucleosídicos de bases pirimidínicas con estructura 1,4-diheterohepánica	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	2000
From a classic approach in cancer chemotherapy towards differentiation therapy: acyclic and cyclic seven-membered 5- fluorouracil o,n-acetals	Current pharmaceutical design	Artículo	2000
La comunicacion científica: ¿arte o técnica?	Ars pharmaceutica	Artículo	2000
Los nuevos retos de la industria farmacéutica.	Ars pharmaceutica	Artículo	2000
Modulation of myogenic differentiation in a human rhabdomyosarcoma cell line by a new derivative of 5- fluorouracil (qf-3602)	Japanese journal of cancer research	Artículo	2000
Qsar of 1,1 '(1,2-ethylenebisbenzyl)bis(4- substitutedpyridinium) dibromides as choline kinase inhibitors: a different approach for antiproliferative drug design	Bioorganic & medicinal chemistry letters	Artículo	2000
Structure-related inhibition of calmodulin-dependent neuronal nitric-oxide synthase activity by melatonin and synthetic kynurenes	Molecular pharmacology	Artículo	2000

Synthesis activity by melatonin and synthetic kynurenes	Pharmacology		
Synthesis, molecular modeling, and pharmacological testing of bis-quinolinium cyclophanes: potent, non-peptidic blockers of the apamin-sensitive Ca^{2+} -activated K^{+} channel	Journal of medicinal chemistry	Articulo	2000
Synthesis, molecular modelling, and pharmacological testing of bis-quinolinium cyclophanes: potent, non-peptidic blockers of the apamin-sensitive Ca^{2+} -activated K^{+} channel	Chemtracts: organic chemistry	Articulo	2000
Gr-891: a novel 5-fluorouracil acyclonucleoside prodrug for differentiation therapy in rhabdomyosarcoma cell line	British journal of cancer	Articulo	1999
Variaciones moleculares del hemicolinio-3: estudios QSAR/QSPR de nuevos inhibidores de colina quinasa y su relación con la actividad antiproliferativa en células transformadas por oncogenes ras	Universidad de Granada. Química farmacéutica y orgánica	Tesis doctoral	1999
A mild one-pot synthesis of thieno[3,4-c]pyrazoles and their conversion into pyrazole analogs of o-quinodimethane	Synthesis	Articulo	1998
Bis-quinolinium cyclophanes: 6,10-diaza-3(1,3),8(1,4)-dibenzena-1,5(1,4)-diquinolincyclodecaphane (UCL 1684), the first nanomolar, non-peptidic blocker of the apamin-sensitive Ca^{2+} -activated K^{+} channel	Journal of medicinal chemistry	Articulo	1998
Design, synthesis and biological studies of a new series of n-arylcarbamoyl or n-carboxamido-adenosine-5-uronamides as α_3 adenosine receptor agonists	Drug development research	Articulo	1998
Diseño y síntesis de compuestos antitumorales que interfieren con señales químicas inducidas por oncogenes	Universidad de Granada. Química farmacéutica y orgánica	Tesis doctoral	1998
Modification of nitric oxide synthase activity and neuronal response in rat striatum by melatonin and kynurenine derivatives	Journal of neuroendocrinology	Articulo	1998
Modulation of rat striatal glutamatergic response in search for new neuroprotective agents: evaluation of melatonin and some kynurenine derivatives	Brain research bulletin	Articulo	1998
Synthesis and biological activity of a new series of n ⁶ -arylcarbamoyl, 2-(ar)alkyl- ⁿ 6-arylcarbamoyl, and n ⁶ -carboxamido derivatives of adenosine-5'-n-ethyluronamide as α_1 and α_3 adenosine receptor agonists	Journal of medicinal chemistry	Articulo	1998
Synthesis of novel 5-fluorouracil derivatives with 1,4-oxaheteroepane moieties	Tetrahedron	Articulo	1998
Two-dimensional NMR analysis of selected dequalinium analogues having aralkyl linking groups	Magnetic resonance in chemistry	Articulo	1998
A new synthetic approach to indazole synthesis	Synthesis	Articulo	1997
A new systematization of the conformational behavior of seven-membered rings. isoclinal anomeric and related orientations	Journal of organic chemistry	Articulo	1997
Bis-quinolinium cyclophanes: a novel class of potent blockers of the apamin Ca^{2+} -activated K^{+} channel.	Bioorganic & medicinal chemistry letters	Articulo	1997
Chemical modifications on the acyclic moiety of [3-(2-hydroxyethoxy)-1-alkoxy]-propyl nucleobases. 2. Differentiation and growth inhibition in rhabdomyosarcoma cells after exposure to a novel 5-fluorouracil acyclonucleoside	Tetrahedron	Articulo	1997
Choline kinase inhibitors as a novel approach for antiproliferative drug design	Oncogene	Articulo	1997
Choline kinase inhibitors as a novel approach for antiproliferative drug design	Oncogene	Articulo	1997
Cyclodextrin inclusion complexes. molecular mechanics calculations on the modification of pi-face selectivity	Journal of organic chemistry	Articulo	1997
Diheterocyclanes as synthons for the preparation of novel series of			

Diheterocycloheptanes as synthons for the preparation of novel series of nucleoside and acyclonucleoside analogues	Il farmaco	Articulo	1997
Synthesis, chemical solvolytic stability and preliminary biological evaluation of (+)-n-boc-cpzi: a pyrazole analog of the left-hand segment of the antitumor agent cc-1065	Anti-cancer drug design	Articulo	1997
Vicinal ring h/h coupling constants of gamma-lactones containing two hydroxyl groups	Electronic journal of theoretical chemistry	Articulo	1997
5-fluorouracil derivatives. 1. acyclonucleosides through a tin (iv) chloride-mediated regiospecific ring opening of alkoxy-1,4-diheteroepanes	Tetrahedron	Articulo	1996
Aciclonucleosidos y analogos de nucleosidos, derivados de heteroaldehidos y sustancias relacionables, con actividad antitumoral	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	1996
Discrimination between subtypes of apamin-sensitive ca ²⁺ -activated k ⁺ channels by gallamine and a novel bis-quaternary quinolinium cyclophane, ucl1530.	British journal of pharmacology	Articulo	1996
Pyridazine nucleous: a pharmacophoric moiety for bioactives compounds.	Acta pharmaceutica hungarica	Articulo	1996
Synthesis, molecular modelling and k ⁺ channel blocking activity of dequalinium analogues having semi-rigid linkers	Journal of medicinal chemistry	Articulo	1996
Synthesis, binding and functional studies of n-substituted-adenosine-5-uronamides as a ₃ -selective adenosine agonist.	Drug development research	Articulo	1996
Anticancer pyrimidine acyclonucleosides	Il farmaco	Articulo	1995
Diastereoselective intramolecular cyclization through the triphenylphosphine/carbon tetrachloride system: synthesis of saturated 1,4-dihetero seven-membered cycloacetals	Synlett	Articulo	1995
Theoretical conformational analysis of seven-membered rings (v): mm2 and mm3 study of oxepane	Journal of molecular structure	Articulo	1994
Theoretical conformational analysis of seven-membered rings (vi): perhydroazepine	Journal of molecular structure	Articulo	1994
(mm2) theoretical conformational analysis of seven-membered rings; iv: thiepane and 1,4-oxathiepane	Journal of molecular structure	Articulo	1993
(mm2) theoretical conformational analysis of seven-membered rings; iv: thiepane and 1,4-oxathiepane	Journal of molecular structure	Articulo	1993
A facile synthetic method for pyrimidine acyclonucleoside analogues from alkoxy-1,4-diheterocycloheptanes	Synlett	Articulo	1993
1,4-diheterocicloheptane derivatives	Il farmaco	Articulo	1991
Iones oxocarbonios: descetalacion de 1,3-dioxolanos y otros procesos en medios no acuosos	Anales de química	Articulo	1991
Preparación y estructura de 4-(2-hidroxi-etoxi)-2-butanona	Anales de química	Articulo	1991
Preparación y estructura de 4-(2-hidroxi-etoxi)-2-butanona	Anales de química	Articulo	1991
Conformational analysis of some 1,4-dioxepane systems. 2. methoxy-1,4-dioxepanes	Journal of organic chemistry	Articulo	1990
Reactividad de 5-metoxi-2,3-dihidro-5h-1,4-dioxepino: contraccion de anillo catalizada mediante acidos	Anales de química	Articulo	1990
1,3-dioxolanos: análisis 13c-rmn y transformaciones catalizadas por ácidos en medios no acuosos	Universidad de granada. química farmacéutica y orgánica	Tesis doctoral	1989
Conformational analysis of some 1,4-dioxepines by molecular mechanics	Journal of organic chemistry	Articulo	1989
Theoretical (mm2) conformational analysis of 1,4-dioxepane	Journal of organic chemistry	Articulo	1989

Carbon-13 nmr spectra of 1,3-dioxolanes ii. determination of alpha, beta and gamma parameters for 2- and 4-methyl groups in stereoisomeric derivatives by pattern molecule method	Magnetic resonance in chemistry	Articulo	1988
Derivados de 1,4-oxatiacicloheptanos y 1,4-ditiacicloheptanos	Universidad de granada. química orgánica	Tesis doctoral	1987
Influence of the reaction temperature on some acid-catalyzed processes of 6-hydroxy-4-oxa-alkanal derivatives and related products. ring contraction in 5-alkoxy-1,4-dioxepanes	Bulletin de la société chimique de france	Articulo	1987
Síntesis y aspectos estereoquímicos de derivados de 5-alcoxi-1,4-dioxepanos	Universidad de granada. química orgánica	Tesis doctoral	1987
Carbon-13 nmr spectra of 1,3-dioxolanes i. new parameters for cis- and trans-4-methyl groups in 2,4- disubstituted derivatives	Magnetic resonance in chemistry	Articulo	1986
Derivados de 4-heteroalcanales funcionalizados en c-6. ii. síntesis de 2-[2-(2-hidroxiopropoxi)-etil]-4- metil-1,3-dioxolano y de 2-[2-(2-hidroxi-etoxi)-1-bromoetil]-1,3-dioxolano	Anales de química	Articulo	1983
Derivados de 4-heteroalcanales funcionalizados en c-6. iii. transacetalaciones sobre acetales de 6-hidroxi-4-oxa-alcanales: síntesis de 1,4-dioxacicloheptanos	Anales de química	Articulo	1983
Derivatives of c-6 functionalized 4-heteroaldehydes. iv. alcohol inter-change via retro-michael of 6-hydroxy-4-oxa-aldehydes: synthesis of 2-alkoxyethyl-1,3-dioxolanes and derivatives	Bulletin de la société chimique de france	Articulo	1983
Derivatives of c-6 functionalized 4-heteroalkanals. vi. cyclic modifications in 6-hydroxy-4-oxa-alkanals	Bulletin de la société chimique de france	Articulo	1983
Derivados de 4-heteroalcanales i. síntesis, derivados y transformaciones ácido catalizadas del 6-hidroxi-4-oxa-hexanal	Anales de química	Articulo	1982
Síntesis, estructura y reactividad de derivados de 4-heteroalcanales funcionalizados en c-6: preparación de 1,4-dioxepanos	Universidad de granada	Libros	1981

	Título proyecto	Tipo	Inicio	Fin
1	Mejora de la actividad anticancerosa del bozepinib, bozinib y derivados, mediante la introducción del grupo trifluorometilo	Proyecto	1/1/17	10/31/18
2	Mejora de la actividad anticancerosa del bozepinib, bozinib y derivados, mediante la introducción del grupo trifluorometilo	Proyecto	1/12/16	5/31/18
3	Contrato de personal laboral técnico de apoyo y de gestión de la i+d+i, en el marco del sistema nacional de garantía juvenil y del programa operativo de empleo juvenil	Contrato	1/1/17	5/31/18
4	Pequeñas moléculas con efectos antiproliferativos y antiangiogénicos.	Proyecto	1/30/14	1/30/18
5	Síntesis de nuevas moléculas de interés farmacológico de canvax	Contrato	1/1/15	6/30/16
6	Apoyo técnico al desarrollo de una plataforma adme/tox in-silico basada en herramientas open-source	Contrato	1/1/13	3/31/15
7	Síntesis de nuevas moléculas de interés farmacológico de canvax	Contrato	1/23/13	12/31/14
8	Diseño y síntesis de nuevos inhibidores mejorados de colina quinasa como potenciales fármacos con actividad antiproliferativa	Proyecto	1/1/10	12/31/14
9	Desarrollo de nuevas variantes de moléculas con actividad antitumoral a partir de las moléculas desarrolladas y patentadas por la ugr	Contrato	1/1/12	12/31/13
10	Búsqueda de nuevos fármacos antimaláricos: diseño, síntesis y evaluación	Proyecto	1/1/13	12/31/13
11	Innovadores o,n-acetales del 5-fluorouracilo y derivados purínicos di- y tri-sustituídos como herramientas farmacológicas para el tratamiento de células madre cancerosas	Proyecto	1/1/11	12/31/13
12	Innovadores o,n-acetales acíclicos de 5-fluorouracilo y derivados purínicos di- y tri-sustituídos como herramientas farmacológicas para el tratamiento de células madre cancerosas	Proyecto	1/1/11	12/31/13
13	Diseño y síntesis de nuevos heterociclos oxigenados de siete y ocho miembros benzofusionados como fármacos con actividad antiproliferativa frente a cáncer de mama	Proyecto	1/1/11	12/31/11
14	Síntesis y actividad biológica de nuevos inhibidores de la óxido nítrico sintasa como potenciales agentes neuroprotectores	Proyecto	1/7/11	12/30/11
15	Utilización de la herramienta google docs en la docencia universitaria dentro del marco del eees	Proyecto	1/29/10	10/28/11
16	Proyecto innovación docente uso de scifinder como complemento para el desarrollo de la asignatura de q orgánica en la licenciatura de farmacia y su aplicación a la investigación básica de laboratorio	Proyecto	1/1/10	6/30/11
17	Nuevos heterociclos homoquirales de alto valor añadido obtenidos a partir de bencenos disustituídos en posición orto: binomio estereoquímica-actividad antitumoral.	Proyecto	1/1/08	12/31/10
18	Nuevos heterociclos homoquirales de alto valor añadido obtenidos a partir de bencenos disustituídos en posición orto: binomio estereoquímica-actividad antitumoral	Proyecto	1/30/07	12/30/10
19	Diseño, síntesis y evaluación biológica de nuevos inhibidores selectivos de mtnos e inos	Proyecto	1/11/07	3/31/10
20	Diseño, síntesis y evaluación biológica de nuevos inhibidores selectivos de mtnos e inos	Proyecto	1/11/07	3/31/10
21	Anillos benzofusionados o, n-acetálicos de siete y ocho miembros, obtenidos mediante síntesis en fase sólida, con actividad anticancerosa.	Proyecto	1/1/07	2/28/09
22	Anillos benzofusionados o,n-acetálicos de siete y ocho miembros, obtenido mediante síntesis en fase sólida, con actividad anticancerosa	Proyecto	1/1/06	2/28/09
23	Diseño, síntesis y evaluación biológica de nuevos inhibidores selectivos de mtnos e inos	Proyecto	1/31/05	12/31/08
24	Nuevos fármacos gemelos anticancerosos o,n-acetálicos tetrahidrobenzoxazepínicos con bases pirimidínicas o púricas	Proyecto	1/30/04	12/30/07
	Design, synthesis and biological studies of novel 1,4-benzoxazepines as			

25	Design, synthesis and biological studies of novel 1,4-benzoxazepines as antitumour compounds (acg antitumour)	Proyecto	1/1/06	3/30/07
26	Síntesis de nuevos antitumorales, benzo o pirido fusionados a heterociclos de siete miembros o, n-acetálicos unidos a bases pirimidínicas y púricas, y compuestos relacionables	Proyecto	1/28/03	11/28/06
27	Síntesis de kinurenaminas con actividad neuroprotectora frente al daño mitocondrial inducido por el sistema nos/no	Proyecto	1/6/02	11/6/05
28	Nuevos derivados de 5-fluorouracilo con restos de dihidrobenzoxaheteroepinos y compuestos relacionables con actividad diferenciadora celular y antiproliferativa	Proyecto	1/1/01	12/31/03
29	Nuevos prototipos de seco-nucleósidos, nucleosidos y compuestos relacionables con efectos sobre la proliferación y diferenciación celular y/o con actividad antiviral	Proyecto	1/1/98	6/1/01

Actividades 43

Titulo actividad	Entidad	Tipo	Fecha
Participación en: comité organizador jornadas científicas (sociedad española de química terapéutica)	Sociedad española de química terapéutica	Comité científico en sociedad ci	Nov 11, 2010
Participación en: comisión de investigación del departamento de química farmacéutica y orgánica (universidad de granada)	Universidad de granada	Comité científico en sociedad ci	Sep 5, 2008
Participación en: representante del sector de profesorado en el centro de instrumentación científica ()		Comité científico en sociedad ci	Nov 3, 2010
Participación en: miembro de la junta directiva de la asociación española de investigación sobre el cáncer (aseica) ()		Comité científico en sociedad ci	Jan 1, 2003
Participación en: current medicinal chemistry ()		Comité científico en sociedad ci	Feb 1, 2008
Participación en: sociedad española de química terapéutica ()		Comité científico en sociedad ci	Jul 1, 2005
Dipartimento di scienze farmaceutiche. universita di ferrara (italia)		Colaboración con centros i+d	May 1, 2004
Secretaria del tribunal de la tesis doctoral titulada: nuevos inhibidores de colina quinasa no simétricos y simétricos más polares con actividad antitumoral y antimalárica		Experiencia en evaluación	Oct 25, 2012
Vocal del tribunal de la tesina titulada: desarrollo de coloides magnéticos basados en polietilenimina para aplicaciones biomédicas		Experiencia en evaluación	Jun 17, 2013
Vocal del tribunal de la tesina titulada: desarrollo de nanotransportadores de nuevos inhibidores de histonas desacetilasas		Experiencia en evaluación	Nov 20, 2013
Vocal del tribunal de la tesina titulada: desarrollo de magnetoliposomas para la optimización del tratamiento de enfermedades reumáticas		Experiencia en evaluación	Nov 20, 2013
Synthesis, characterization, and x-ray crystal structure of 3-methyl-4-oxo-7-phenyl-4,7-dihydrothieno[2,3-b]pyridine -2-carboxylic acid ethyl ester		Experiencia en evaluación	May 16, 2014
Modification of thionucleobases in ionic liquids		Experiencia en evaluación	Sep 4, 2014

Determining the ic50 values for vorozole and letrozole, on a series of human liver cytochrome p450s to help determine the binding site of vorozole in the liver		Experiencia en evaluación	Jan 13, 2015
Desarrollo de nuevos inhibidores múltiples flavonoidicos como fármacos potenciales para el tratamiento de la enfermedad de alzheimer. pict-2014-0909		Experiencia en evaluación	Nov 10, 2014
Colaborador externo al programa de doctorado en farmacia		Colaboración con centros i+d	Sep 28, 2014
Desarrollo de nuevos inhibidores múltiples como fármacos potenciales para el tratamiento de la enfermedad de alzheimer		Experiencia en evaluación	Oct 31, 2015
Nucleosome and oxidative stress levels in major depression patients		Experiencia en evaluación	Mar 17, 2015
Experiencia evaluadora en tfg		Experiencia en evaluación	Dec 14, 2016
Vocal del ¿tribunal 2 de farmacia¿ para la evaluación de trabajos fin de grado		Experiencia en evaluación	Jul 11, 2016
Synthesis of a potent aminopyridine-based nnos-inhibitor by two recent no-carrier-added 18f-labelling methods		Experiencia en evaluación	Aug 10, 2016
A novel benzochalcone derivative, (e)-1-(2-hydroxy-6-methoxyphenyl)-3-(naphthalen-2-yl)prop-2-en-1-one (dk-512), inhibits tumor invasion through inhibition of the tnfr¿-induced nf-¿b/mmp-9 axis in mda-mb-231 breast cancer cells		Experiencia en evaluación	Sep 13, 2016
An efficient synthesis of 2, 3-dihydroquinazolin-4(1h)-ones catalyzed by titanium silicon oxide nanopowder in aqueous media.		Experiencia en evaluación	Oct 2, 2016
: identification of a novel putative inhibitor of the plasmodium falciparum purine nucleoside phosphorylase: exploring the purine salvage pathway to design new antimalarial drugs		Experiencia en evaluación	Nov 23, 2016
Desarrollo de nuevos inhibidores múltiples como fármacos potenciales para el tratamiento de la enfermedad de alzheimer		Experiencia en evaluación	Jan 1, 2014
3d-qsar models screening and analysis for inducible nitric oxide synthase (inos) inhibitors with different skeletons		Experiencia en evaluación	Feb 20, 2017
In silico prediction of rock ii inhibitors by different classification approaches¿ describes different machine learning approaches in order to develop rock ii inhibitor models.		Experiencia en evaluación	Apr 14, 2017
Synthesis and experimental validation of new pdi inhibitors with antiproliferative activity		Experiencia en evaluación	Apr 20, 2017
Revisor de revista current medicinal chemistry		Experiencia en evaluación	Nov 25, 2015
Revisor de la revista acs applied materials & interfaces		Experiencia en evaluación	Aug 10, 2016
Revisor de la revista oncotarget		Experiencia en evaluación	Mar 23, 2015
Profesora participante en la comisión de 8 ¿trabajos fin de	Facultad de farmacia de	Foros y	Oct

Profesora participante en la comisión de "trabajo fin de grado" de la facultad de farmacia de granada	Facultad de farmacia de granada	comités internacionales	31, 2012
Evaluador externo internacional de tesis doctoral con mención europea	Dipartimento di scienze chimiche e farmaceutiche, università degli studi di ferrara, italia	Experiencia en evaluación	Apr 3, 2017
Comisión de investigación en departamento química farmaceutica y orgánica, universidad de granada		Foros y comités internacionales	Sep 30, 2016
Evaluación de trabajos fin de grado en el curso 2016-2017 facultad de farmacia, universidad de granada		Experiencia en evaluación	Jun 28, 2017
Junta de facultad de farmacia, universidad de granada	Facultad de farmacia, universidad de granada	Foros y comités internacionales	Dec 4, 2015
Representante del sector alumnado en el claustro universitario de la universidad de granada		Foros y comités internacionales	Nov 11, 1996
Representante del sector alumnado en la junta de facultad de farmacia. (universidad de granada)		Foros y comités internacionales	Oct 1, 1995
Delegada sindical en junta de personal docente e investigador		Foros y comités internacionales	Sep 11, 2013
Miembro electo dela junta de personal docente e investigador		Foros y comités internacionales	Apr 27, 2015
Miembro de comisión de investigación de la junta de personal docente e investigador		Foros y comités internacionales	Oct 5, 2015
Evaluadora externa de tesis doctoral con mención europea		Experiencia en evaluación	Nov 15, 2017
Evaluador internacional de la tesis doctoral con mención europea de la alumna elena matiuzzo, director: giampietro viola, università di padova, italia		Experiencia en evaluación	Nov 14, 2017

Colaboradores 91

- MIGUEL ANGEL GALLO MEZO (295)
- JOAQUIN MARÍA CAMPOS ROSA (202)
- ANTONIO JOSÉ ENTRENA GUADIX (190)
- MARÍA DORA CARRIÓN PEREGRINA (126)
- M^a ENCARNACIÓN CAMACHO QUESADA (124)
- LUISA CARLOTA LOPEZ CARA (116)
- ANA CONEJO GARCÍA (86)
- OLGA MARÍA CRUZ LÓPEZ (82)
- JUAN ANTONIO MARCHAL CORRALES (76)
- MARIA DEL CARMEN NUÑEZ CARRETERO (73)
- DARIO ACUÑA CASTROVIEJO (63)
- GERMAINE ESCAMES ROSA (53)
- ANTONIA ARÁNEGA JIMÉNEZ (52)

- MARÍA JOSÉ PINEDA DE LAS INFANTAS VILLATORO (43)
- JOSÉ FRANCISCO DOMÍNGUEZ SEGLAR (38)
- ROSARIO MARÍA SÁNCHEZ MARTÍN (38)
- MÓNICA DÍAZ GAVILÁN (35)
- DUANE CHOQUESILLO LAZARTE (34)
- FERNANDO RODRÍGUEZ SERRANO (34)
- JOSEFA LEÓN LÓPEZ (31)
- SANTIAGO SCHIAFFINO ORTEGA (31)
- MARIA EUGENIA GARCIA RUBIÑO (24)
- JUAN JOSÉ DÍAZ MOCHÓN (23)
- ALBERTO RAMÍREZ RIVERA (22)
- HOURIA BOULAIZ TASSI (22)
- JOSÉ ANTONIO GÓMEZ VIDAL (21)
- MARIA PAZ CARRASCO JIMENEZ (18)
- PABLO RÍOS MARCO (18)
- CARMEN MARCO DE LA CALLE (15)
- MARIA ANGEL GARCIA CHAVES (15)
- Cynthia Morata Tarifa (12)
- JOSEFA MARIA GONZALEZ PEREZ (12)
- JOSÉ CARLOS PRADOS SALAZAR (12)
- LUIS CARLOS LÓPEZ GARCÍA (12)
- ANA LÓPEZ RAMÍREZ (11)
- CONSOLACIÓN MELGUIZO ALONSO (9)
- MARIA DOLORES GIRON GONZALEZ (9)
- RAFAEL SALTO GONZALEZ (9)
- JUAN MANUEL GARCIA RUIZ (8)
- ROSARIO JIMENEZ MOLEON (8)
- ASIER UNCITI BROCETA (7)
- JOAQUINA MARTÍN SÁNCHEZ (7)
- MANUEL PICÓN RUIZ (7)
- OCTAVIO CABA PÉREZ (7)
- AHMAD AGIL ABDALLA (6)
- CONCEPCIÓN RUIZ RODRÍGUEZ (6)
- FERMÍN CAPITÁN CAÑADAS (6)
- JAVIER RAMOS TORRECILLAS (6)
- RAUL ORTIZ QUESADA (6)
- ESMERALDA CARRILLO DELGADO (5)
- Saúl Abenhamar Navarro Marchal (5)
- ALBERTO MANUEL VARGAS MORALES (4)
- FRANCISCO DE PAULA VIVES MONTERO (4)
- GEMA JIMÉNEZ GONZÁLEZ (4)
- PABLO ALVAREZ ARANEGA (4)
- ANA ISABEL DEL MORAL GARCÍA (3)
- FERNANDO JOSE MARTÍNEZ-CHECA BARRERO (3)
- FRANCISCO MORILLAS MÁRQUEZ (3)
- INMACULADA LLAMAS COMPANY (3)
- JOSEFA LIBORIA SEGOVIA PARRA (3)
- JUAN MANUEL DUARTE PÉREZ (3)

- JUAN NICLOS GUTIERREZ (3)
- MARIA JOSÉ ZARZUELO ROMERO (3)
- MARÍA ALBA MARTÍNEZ BURGOS (3)
- MARÍA CELIA VÉLEZ FERNÁNDEZ (3)
- MARÍA DOLORES YAGO TORREGROSA (3)
- MIGUEL ROMERO PÉREZ (3)
- M^a ADOLFINA RUÍZ MARTÍNEZ (3)
- M^a ENCARNACIÓN MORALES HERNÁNDEZ (3)
- VICTORIANO DÍAZ SÁEZ (3)
- CAROLINA ANNELIESE DOERRIER VELASCO (2)
- IGNACIO JESUS MOLINA PINEDA DE LAS INFANTAS (2)
- JOSE MANUEL RODRIGUEZ FERRER (2)
- JUAN DE DIOS LUNA DEL CASTILLO (2)
- MIGUEL MARTÍN HERNÁNDEZ (2)
- PABLO FERNANDEZ RUBIO (2)
- SARA TORRES RUSILLO (2)
- ANA ROSA RAMA BALLESTEROS (1)
- ANGEL ORTE GUTIERREZ (1)
- CAROLA AGUZZI (1)
- CRISTINA SAMANIEGO SANCHEZ (1)
- CRISTINA SÁNCHEZ GONZÁLEZ (1)
- JESUS MARIA PORRES FOULQUIE (1)
- JOSÉ ANGEL RUFIAN HENARES (1)
- JOSÉ JOAQUÍN MUROS MOLINA (1)
- JURISTO FONOLLA JOYA (1)
- LUIS GROVETTO GONZALEZ (1)
- MARIA JOSE RUEDAS RAMA (1)
- MARÍA ELENA RODRIGUEZ CABEZAS (1)
- MILAGROS GALISTEO MOYA (1)
- SILVIA PASTORIZA DE LA CUEVA (1)