

# JUAN LUIS ORTEGA VINUESA

Grupo de Investigación: FÍSICA DE FLUIDOS Y BIOCOLOIDES (Cod.: FQM115)

Departamento: Universidad de Granada. Física Aplicada

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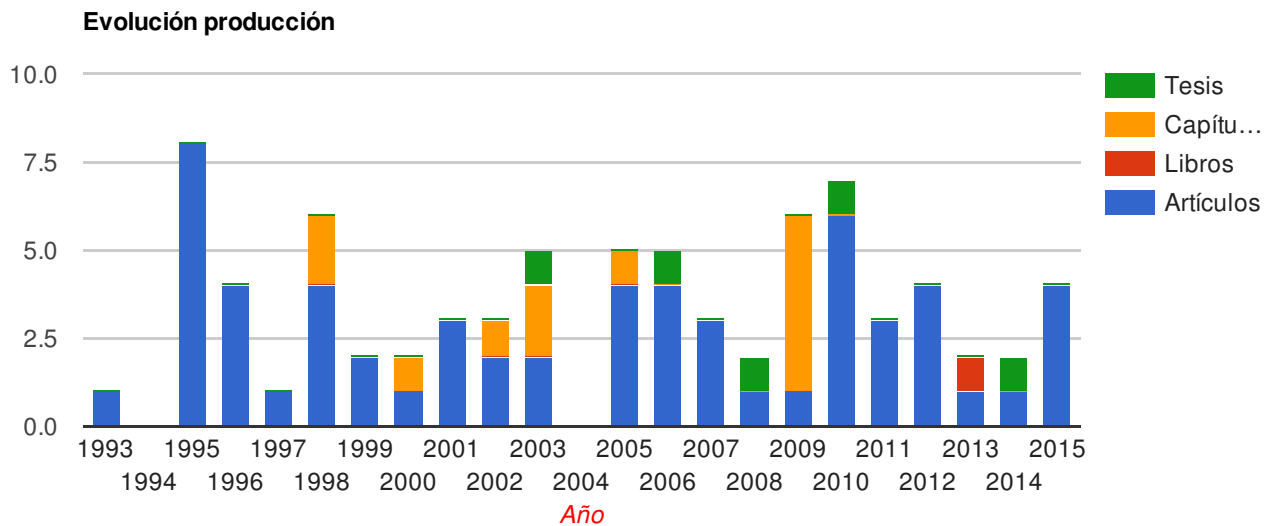
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Ficha del Directorio

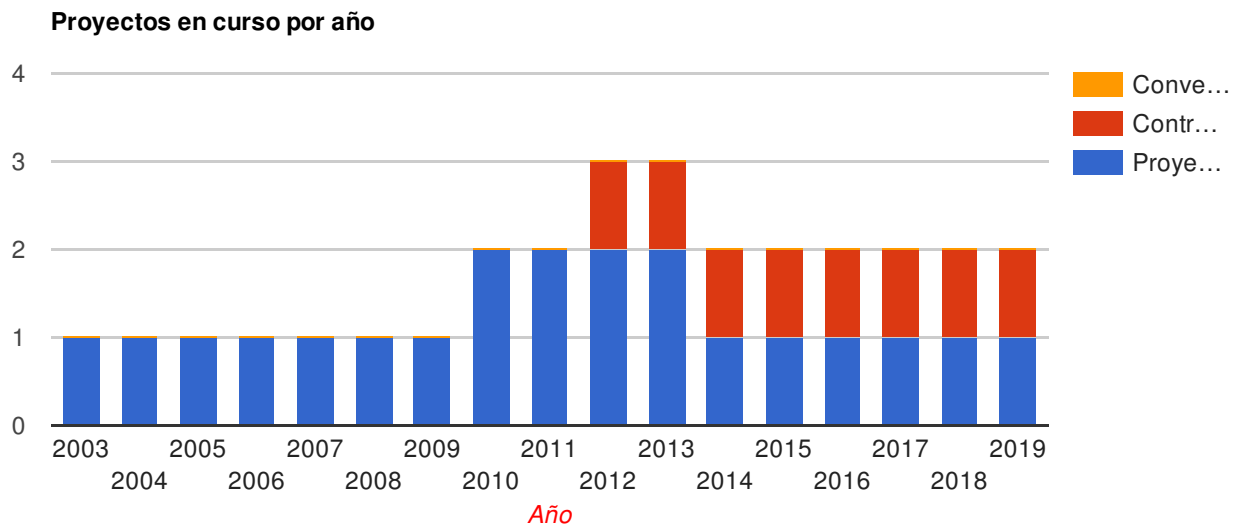
## Producción 78

Artículos (60) Libros (1) Capítulos de Libros (12) Tesis dirigidas (5)



## Proyectos dirigidos 3

Proyectos (2) Contratos (1) Convenios (0)



## Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Complexation and release of dna in polyplexes formed with reducible linear poly ( $\beta$ -amino esters)	Colloids and surfaces b: biointerfaces	Articulo	2015
Data supporting the physico-chemical characterization, cellular uptake and cytotoxicity of lipid nanocapsules	Data in brief	Articulo	2015
Improved dna condensation, stability, and transfection with alkyl sulfonyl-functionalized pamam g2	Journal of nanoparticle research	Articulo	2015
The role of hydrophobic alkyl chains in the physicochemical properties of poly( $\beta$ -amino ester)/dna complexes	Colloids and surfaces b: biointerfaces	Articulo	2015
Engineering lipid nanocapsule systems for intracellular delivery of anticancer drugs	Universidad de granada. física aplicada	Tesis doctoral	2014
Thermally sensitive reversible microgels formed by poly(n-isopropylacrylamide) charged chains: a hofmeister effect study	Journal of colloid and interface science	Articulo	2014
Juan antonio morente chiquero: in memoriam		Libros	2013
Synthesis and characterization of lipid immuno-nanocapsules for directed drug delivery: selective antitumor activity against her2 positive breast-cancer cells.	Biomacromolecules	Articulo	2013
Characterization of different functionalized lipidic nanocapsules as potential drug carriers	International journal of molecular sciences	Articulo	2012
Colloidal stability and $\zeta$ in vitro $\zeta$ antitumor targeting ability of lipid nanocapsules coated by folate-chitosan conjugates	Journal of bioactive and compatible polymers	Articulo	2012
Ion-specific aggregation of hydrophobic particles	Chemphyschem	Articulo	2012
Novel drug delivery system based on docetaxel-loaded nanocapsules as a therapeutic strategy against breast cancer cells.	International journal of molecular sciences	Articulo	2012
Adsorption of antibody onto pluronic f68-covered nanoparticles: link with surface properties	Soft matter	Articulo	2011
Chitosan nanocapsules: effect of chitosan molecular weight and acetylation degree on electrokinetic behaviour and colloidal stability	Colloids and surfaces b: biointerfaces	Articulo	2011
Role of wettability and nanoroughness on interactions between osteoblast and modified silicon surfaces	Acta biomaterialia	Articulo	2011
Ion-induced reversibility in the aggregation of hydrophobic particles	Soft matter	Articulo	2010
Inversion of hofmeister series by changing the surface of colloidal particles from hydrophobic to hydrophilic	Journal of physical chemistry b	Articulo	2010
Nanoparticles made from novel starch derivatives for transdermal drug delivery	Journal of controlled release	Articulo	2010
Novel core-shell lipid-chitosan and lipid-ploxamer nanocapsules: stability by hydration forces	Colloid and polymer science	Articulo	2010
Nanorugosidad y metilación superficial como			

factores modificadores del comportamiento osteoblástico en términos de proliferación, diferenciación y osteogénesis	Universidad de granada. estomatología	Tesis doctoral	2010
Protein-loaded plga:peo blend nanoparticles; encapsulation, release and degradation characteristics	Colloid and polymer science	Articulo	2010
Salt effects in the cononsolvency of poly(nisopropylacrilamida) microgels	Chemphyschem	Articulo	2010
Chitosan-based nanocapsules: effect of hydration forces on colloidal stability	# iii reunión ibérica de coloides e interfases (rici). viii reunión del grupo especializado de coloides e interfases (geci). extended communications ( año: 2009, isbn: 978-84-338-5027-0)	Capítulo de libro	2009
Insulin-loaded plga nanoparticles for oral administration: an in vitro physico-chemical characterization	Journal of biomedical nanotechnology	Articulo	2009
Nanoparticles made from novel amphiphilic polymers for advanced drug delivery across biological barriers	# iii reunión ibérica de coloides e interfases (rici). viii reunión del grupo especializado de coloides e interfases (geci). extended communications ( año: 2009, isbn: 978-84-338-5027-0)	Capítulo de libro	2009
Novel core-shell lipid-chitosan and lipid-ploxamer nanocapsules. stability by hydration forces	# iii reunión ibérica de coloides e interfases (rici). viii reunión del grupo especializado de coloides e interfases (geci). extended communications ( año: 2009, isbn: 978-84-338-5027-0)	Capítulo de libro	2009
Protein-loaded plga:peo blend nanoparticles for parenteral administration	# iii reunión ibérica de coloides e interfases (rici). viii reunión del grupo especializado de coloides e interfases (geci). extended communications ( año: 2009, isbn: 978-84-338-5027-0)	Capítulo de libro	2009
Roughness and hydrophobicity on silica surfaces as factors for osteoblast proliferation and cell morphology	# iii reunión ibérica de coloides e interfases (rici). viii reunión del grupo especializado de coloides e interfases (geci). extended communications ( año: 2009, isbn: 978-84-338-5027-0)	Capítulo de libro	2009
Caracterización físicoquímica de sistemas coloidales aplicados como transportadores de fármacos	Universidad de granada. física aplicada	Tesis doctoral	2008
Hofmeister effects in colloidal systems: influence of the surface nature	The journal of physical chemistry c	Articulo	2008
Electrophoretic mobility and colloidal stability of plga particles coated with igg	Colloids and surfaces b: biointerfaces	Articulo	2007
Hofmeister effects on poly(nipam) microgel particles: macroscopic evidence of ion adsorption and changes in water structure	Chemphyschem	Articulo	2007
Stability and physicochemical characteristics of plga, plga:poloxamer and plga:poloxamine blend nanoparticles. a comparative study	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	2007
Cationic and anionic poly(n-isopropylacrylamide) based submicron gel particles: electrokinetic properties and colloidal stability	The journal of physical chemistry b	Articulo	2006
Colloidal stability of pluronic f68-coated plga nanoparticles: a variety of stabilisation mechanisms	Journal of colloid and interface science	Articulo	2006
Efectos hofmeister en partículas coloidales	Universidad de granada. física aplicada	Tesis doctoral	2006
Effect of the ionic surfactant concentration on the stabilization/destabilization of polystyrene	Journal of colloid and interface science	Articulo	2006

colloidal particles			
Electrokinetic behavior and colloidal stability of polystyrene latex coated with ionic surfactants	Journal of colloid and interface science	Articulo	2006
Adsorption of different amphiphilic molecules onto polystyrene latexes	Journal of colloid and interface science	Articulo	2005
Caracterización de nanopartículas de plga-poloxámero y plga-poloxamina	Coloides e interfases	Capítulo de libro	2005
Hofmeister effects in the restabilization of igg-latex particles: testing ruckenstein's theory.	Langmuir	Articulo	2005
Hofmeister effects on the colloidal stability of an igg-coated polystyrene latex	Journal of colloid and interface science	Articulo	2005
Physicochemical characterization of chitosan nanoparticles: electrokinetic and stability behavior	Journal of colloid and interface science	Articulo	2005
Aplicación de la termodinámica estadística a la adsorción de copolímeros en la interfase sólido/líquido.comparación con resultados experimentales	Universidad de granada. física aplicada	Tesis doctoral	2003
Caracterización de partículas de quitosano destinadas al transporte y liberación de fármacos	Coloides e interfases : vigo, 2003	Capítulo de libro	2003
Fenómenos de estabilización/desestabilización en complejos formados por látex cargados y tensioactivos iónicos	Coloides e interfases : vigo, 2003	Capítulo de libro	2003
Hofmeister effects in the stability and electrophoretic mobility of polystyrene latex particles	The journal of physical chemistry b	Articulo	2003
Self-consistent field model of inhomogeneous adsorption of nonionic surfactants onto polystyrene latex	Langmuir	Articulo	2003
Colloid stability of positively and negatively cahrged polystyrene latexes by adsorption	Langmuir	Articulo	2002
Electrokinetics of latex-protein completexes	Interfacial electrokinetics and electrophoresis	Capítulo de libro	2002
Modeling the effect of structural details of nonionic surfactants on micellization in solution and adsorption onto hydrophobic surfaces	Langmuir	Articulo	2002
A review of factors affecting the performances of latex agglutination tests	Journal of biomaterials science. polymer ed	Articulo	2001
An enthalpic analysis on the aggregation of colloidal particles studied by microcalorimetry	Journal of colloid and interface science	Articulo	2001
Colloidal stability of igg- and igy-coated latex microspheres	Colloids and surfaces b: biointerfaces	Articulo	2001
A comparative study between the adsorption of igy and igg on latex particles	Journal of biomaterials science. polymer ed	Articulo	2000
Adsorción de tensioactivos sobre partículas de látex con diferentes características superficiales	Coloides e interfases	Capítulo de libro	2000
Forces acting on particle-enhanced immunoassays	Journal of biomaterials science. polymer ed	Articulo	1999

How proteins stabilize colloidal particles by means of hydration forces	Langmuir	Articulo	1999
Aggregation of hsa, igg, and fibrinogen on methylated silicon surfaces	Journal of colloid and interface science	Articulo	1998
Characterization of immunoglobulin g bound to latex particles using surface plasmon resonance and electrophoretic mobility	Journal of colloid and interface science	Articulo	1998
Molecular packing of hsa, igg, and fibrinogen adsorbed on silicon by afm imaging	Thin solid films	Articulo	1998
Seguimiento de la inmunoaglutinacion de latex a travez de diferentes tecnicas opticas	Coloides e interfaces	Capítulo de libro	1998
Seguimiento de la inmunoaglutinación de látex a través de diferentes técnicas ópticas	Coloides e interfases	Capítulo de libro	1998
Stagnant versus dynamic conditions: a comparative adsorption study of blood proteins	Biomaterials	Articulo	1998
A comparative study of optical techniques applied to particle-enhanced assays of c-reactive protein	Journal of immunological methods	Articulo	1997
Colloidal stability of polymer colloids with different interfacial properties: mechanisms	Journal of colloid and interface science	Articulo	1996
Effect of storage time on the immunoreactivity of igg physically adsorbed or chemically bound to latex beads	Journal of colloid and interface science	Articulo	1996
F(ab <sup>2</sup> )-coated polymer carriers: electrokinetic behavior and colloidal stability	Langmuir	Articulo	1996
Non-equilibrium electrosurface phenomena: a case of biological interest	Journal of non-equilibrium thermodynamics	Articulo	1996
Affinity of polyclonal igg and f(ab <sup>2</sup> ) fragments for different polymeric surfaces	Journal of surface science and technology	Articulo	1995
Affinity of polyclonal igg and f(ab <sup>2</sup> ) fragments for different polymeric surfaces	Journal of surface science and technology	Articulo	1995
Aggregation behavior of f(ab <sup>2</sup> ) fragments carrying polymer beads	Progress in colloid and polymer science	Articulo	1995
Carboxylated latexes for covalent coupling antibodies. i	Journal of colloid and interface science	Articulo	1995
Comparative studies on physically adsorbed and chemically bound igg to carboxylated latexes. ii.	Journal of colloid and interface science	Articulo	1995
Electrokinetic behavior of f(ab <sup>2</sup> ) fragments adsorbed onto positively and negatively charged polymer colloids	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1995
Molecular interactions at biointerfaces: a study of lipid adsorption	Journal of materials science: materials in medicine	Articulo	1995
Sequential adsorption of f(ab <sup>2</sup> ) and bsa on negatively and positively charged polystyrene latexes	Biotechnology and bioengineering	Articulo	1995
Study of the adsorption of f(ab <sup>2</sup> ) onto polystyrene latex beads	Colloids and surfaces b: biointerfaces	Articulo	1993

	Titulo proyecto	Tipo	Inicio	Fin
1	Tresmiles de sierranevada.	Contrato	6/11/12	6/10/22
2	Caracterización físico-química de sistemas coloidales de interés antitumoral: transporte y vectorización de fármacos y genes	Proyecto	11/1/10	10/31/13
3	Caracterización físico química de partículas de quitosano empleadas como transportadores de medicamentos	Proyecto	12/31/03	

## Actividades 0

Titulo actividad	Fuente	Tipo	Fecha
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## Colaboradores

- DELFINA BASTOS GONZÁLEZ (32)
- ROQUE HIDALGO ALVAREZ (22)
- ANTONIO MARTÍN RODRÍGUEZ (19)
- ANA BELÉN JÓDAR REYES (17)
- JOSE MANUEL PEULA GARCIA (11)
- HOURIA BOULAIZ TASSI (6)
- JUAN ANTONIO MARCHAL CORRALES (5)
- MARÍA JOSÉ GÁLVEZ RUIZ (5)
- JUAN EMILIO FERNÁNDEZ BARBERO (3)
- PABLO ANTONIO GALINDO MORENO (3)
- JULIA MALDONADO VALDERRAMA (2)
- MIGUEL PADIAL MOLINA (2)
- ALBERTO MARTÍN MOLINA (1)
- ANGEL VICENTE DELGADO MORA (1)
- ARTUR SCHMITT (1)
- FRANCISCO GALISTEO GONZÁLEZ (1)
- FRANCISCO J. O&#039;VALLE RAVASSA (1)
- FRANCISCO JOSE OLMO REYES (1)
- FRANCISCO SANTOYO GONZALEZ (1)
- JORGE PORTÍ DURÁN (1)
- MIGUEL ANGEL CABRERIZO VÍLCHEZ (1)
- M<sup>a</sup> DEL CARMEN CARRIÓN PÉREZ (1)