

ANTONIO MARTÍN RODRÍGUEZ

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

Departamento: Universidad de Granada. Física Aplicada

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Código ORCID: <http://orcid.org/0000-0001-7161-5086>

RG: https://www.researchgate.net/profile/Antonio_Martin-Rodriguez

Correo electrónico: amartinr@ugr.es

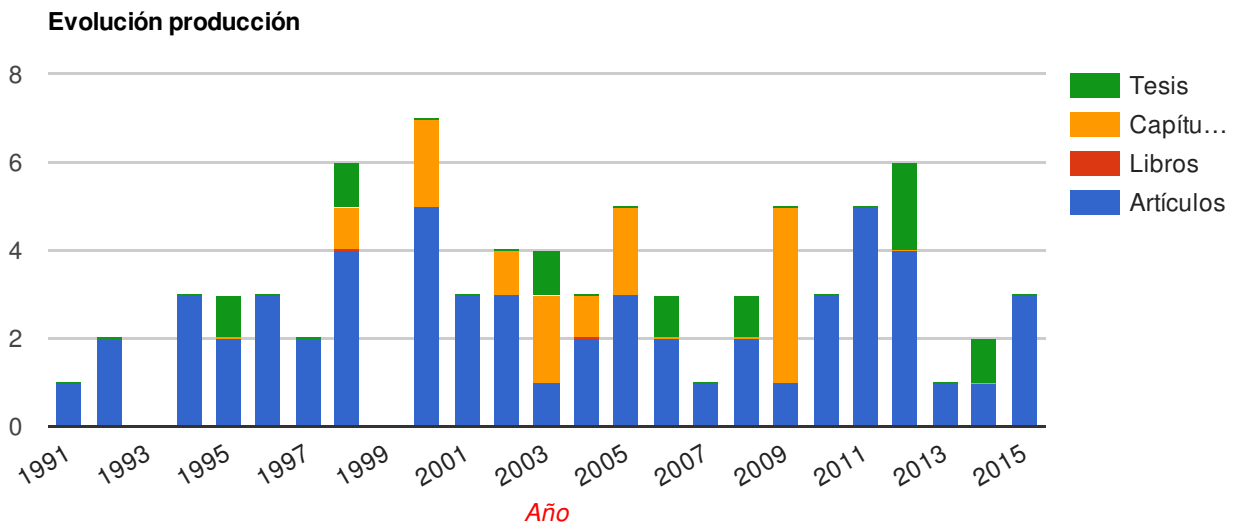
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Ficha del Directorio

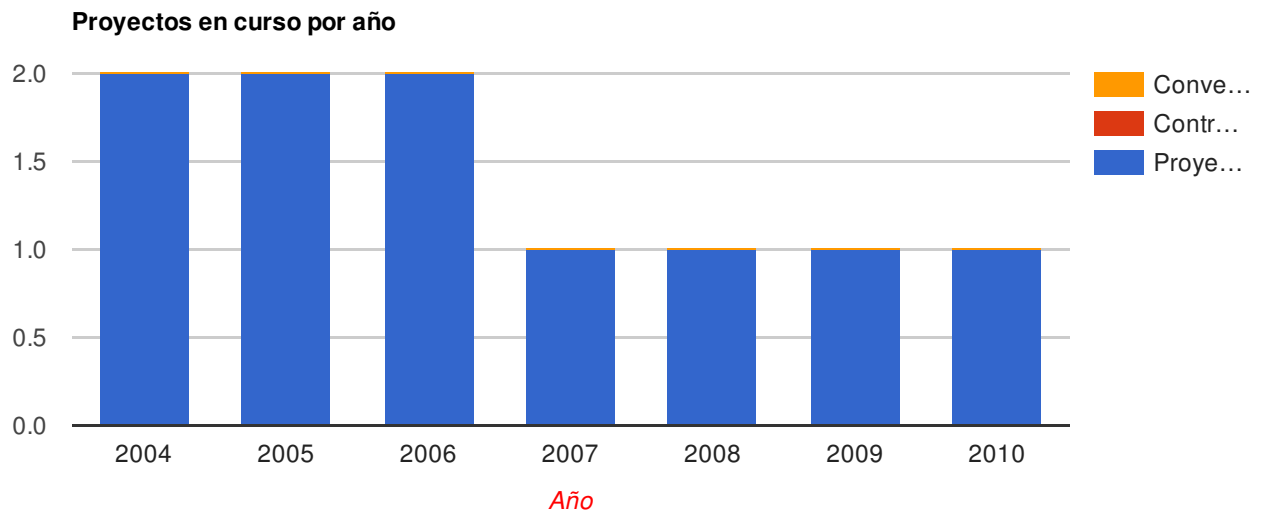
Producción 78

Artículos (57) Libros (0) Capítulos de Libros (13) Tesis dirigidas (8)



Proyectos dirigidos 3

Proyectos (3) Contratos (0) Convenios (0)



Actividades 0

Título publicación	Fuente	Tipo	Fecha
Complexation and release of dna in polyplexes formed with reducible linear poly (β -amino esters)	Colloids and surfaces b: biointerfaces	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(β -amino ester)/dna complexes	Colloids and surfaces b: biointerfaces	Articulo	2015
Formation, stability and in vitro activity of colloidal systems for gene delivery	Universidad de granada. facultad de ciencias	Tesis doctoral	2014
Pluronic-covered oil-water interfaces under simulated duodenal conditions	Food hydrocolloids	Articulo	2014
The effect of polymeric surfactants on the rheological properties of nanoemulsions	Colloid and polymer science	Articulo	2013
Application of interfacial properties of polymeric surfactants in physiological processes for biomedical and nutraceutic purposes		Tesis doctoral	2012
Characterization of different functionalized lipidic nanocapsules as potential drug carriers	International journal of molecular sciences	Articulo	2012
Colloidal stability and ζ in vitro ζ antitumor targeting ability of lipid nanocapsules coated by folate-chitosan conjugates	Journal of bioactive and compatible polymers	Articulo	2012
Controlling lipolysis through steric surfactants: new insights on the controlled degradation of submicron emulsions for oral and intravenous administration of hydrophobic drugs	International journal of pharmaceutics	Articulo	2012
Effect of emulsifier type against the action of bile salts at oil-water interfaces	Food research international	Articulo	2012
Preparation and characterization of nanoemulsions for the controlled delivery of hydrophobic compounds	Universidad de granada	Tesis doctoral	2012
Adsorption of antibody onto pluronic f68-covered nanoparticles: link with surface properties	Soft matter	Articulo	2011
Bulk and interfacial viscoelasticity in concentrated emulsions: the role of the surfactant	Food hydrocolloids	Articulo	2011
Investigating the effect of surfactants on lipase interfacial behaviour in the presence of bile salts	Food hydrocolloids	Articulo	2011
Physicochemical properties and digestibility of emulsified lipids in simulated intestinal fluids: influence of interfacial characteristics	Soft matter	Articulo	2011
Surface rheology of sorbitan tristearate and beta-lactoglobulin: shear and dilatational behavior	Journal of non-newtonian fluid mechanics	Articulo	2011
Delaying lipid digestion through steric surfactant pluronic f68: a novel in vitro approach	Food research international	Articulo	2010
Different stability regimes of oil-in-water emulsions in the presence of bile salts	Food research international	Articulo	2010
Food colloids 2010: on the road from interfaces to consumers	Applied rheology (print)	Articulo	2010
Interfacial phenomena underlying the behavior of foams and emulsions	Structure and functional properties of colloidal systems	Capítulo de libro	2009

Poloxamers as a solution for the biocompatibility of polymeric surfaces with plasma proteins: a surface tension study	5th international symposium on food rheology and structure	Capítulo de libro	2009
Polymers vs. traditional surfactants: the role of the emulsifier on physico-chemical and rheological properties of highly concentrated nanoemulsions	# 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
Stability and rheological properties of nanoemulsions based on natural oils	5th international symposium on food rheology and structure	Capítulo de libro	2009
Stability of emulsions for parenteral feeding: preparation and characterization of o/w nanoemulsions with natural oils and pluronic f68 as surfactant	Food hydrocolloids	Artículo	2009
Adsorption of soy protein isolate at air-water and oil-water interfaces	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	2008
Estabilidad y actividad interfacial de emulsiones modelo con interés en alimentación funcional	Universidad de granada. física aplicada	Tesis doctoral	2008
Foams and emulsions of beta-casein examined by interfacial rheology	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	2008
Surface properties and foam stability of protein/surfactant mixtures: theory and experiment	The journal of physical chemistry c	Artículo	2007
Caracterización interfacial de proteínas y tensioactivos: aplicación a dispersiones alimentarias	Universidad de granada. física aplicada	Tesis doctoral	2006
Effect of the ionic surfactant concentration on the stabilization/destabilization of polystyrene colloidal particles	Journal of colloid and interface science	Artículo	2006
Electrokinetic behavior and colloidal stability of polystyrene latex coated with ionic surfactants	Journal of colloid and interface science	Artículo	2006
A scaling analysis of beta-casein monolayers at liquid-fluid interfaces	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	2005
Adsorption of different amphiphilic molecules onto polystyrene latexes	Journal of colloid and interface science	Artículo	2005
Dilatational rheology of beta-casein adsorbed layers at liquid-fluid interfaces	The journal of physical chemistry b	Artículo	2005
Propiedades de la adsorción mixta de beta-caseína/tensioactivo en la interfaz aire-agua	Coloides e interfases	Capítulo de libro	2005
Proteínas en interfaces líquido-fluido	Proteínas alimentarias y coloides de interés industrial	Capítulo de libro	2005
Adsorbed and spread beta-casein monolayers at oil-water interfaces	Langmuir	Artículo	2004
Adsorption of surfactants at polymer surfaces	Encyclopedia of surface and colloid science	Capítulo de libro	2004
Beta-casein adsorption at liquid interfaces: theory and experiment	The journal of physical chemistry b	Artículo	2004
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
Fenómenos de estabilización/desestabilización en complejos formados por látex cargados y tensioactivos iónicos	Coloides e interfases : vigo, 2003	Capítulo de libro	2003

Monocapas de beta-caseína adsorbida en interfaces líquido-fluido	Coloides e interfases : vigo, 2003	Capítulo de libro	2003
Self-consistent field model of inhomogeneous adsorption of nonionic surfactants onto polystyrene latex	Langmuir	Artículo	2003
Colloid stability of positively and negatively cahrged polystyrene latexes by adsorption	Langmuir	Artículo	2002
Electrokinetic behaviour of polymer colloids with adsorbed triton x-100	Colloid and polymer science	Artículo	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	Artículo	2002
An enthalpic analysis on the aggregation of colloidal particles studied by microcalorimetry	Journal of colloid and interface science	Artículo	2001
Electrosteric stabilization of polymer colloids with different functionality	Langmuir	Artículo	2001
Sequential adsorption of triton x-100 and sodium dodecyl sulfate onto positively and negatively charged polystyrene latexes	Journal of colloid and interface science	Artículo	2001
Adsorción de tensioactivos sobre partículas de látex con diferentes características superficiales	Coloides e interfases	Capítulo de libro	2000
Adsorción de triton x-100 sobre partículas de látex con funcionalidad carboxilo: efecto electrocinético y estabilizador	Coloides e interfases, estado líquido : almería, 2000	Capítulo de libro	2000
Adsorption and desorption of triton x-100 in polystyrene particles with different functionality - i. adsorption study	Journal of colloid and interface science	Artículo	2000
Adsorption and desorption of triton x-100 in polystyrene particles with different functionality - ii. desorption study	Journal of colloid and interface science	Artículo	2000
Colloidal stability of a cationic latex covered with triton x-100	Progress in colloid and polymer science	Artículo	2000
Colloidal stabilization and destabilization of a carboxyl latex by adsorption of triton x-100.	Macromoleculat symposia	Artículo	2000
Estabilización y desestabilización por adsorción sobre coloides modelo de triton x-100.	Boletín de la sociedad española de cerámica y vidrio	Artículo	2000
Colloid stability of nonionic surfactant/latex complexes at high ionic strength	Progress in colloid and polymer science	Artículo	1998
Colloidal stabilization of polystyrene particles by adsorption of nonionic surfactant - ii electrosteric stability studies	Journal of colloid and interface science	Artículo	1998
Colloidal stabilization of polystyrene particles by adsorption of nonionic surfactants - i adsorption study	Journal of colloid and interface science	Artículo	1998
Estabilización de sistemas coloidales por adsorción de surfactantes no iónicos	Coloides e interfases	Capítulo de libro	1998
Estudio de la estabilización electroestérica de partículas de látex funcionalizadas después de la adsorción de triton x-100	Universidad de granada. física aplicada	Tesis doctoral	1998
Electrokinetic characterization of polystyrene-nonionic surfactant complexes	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	1998

A comparative study on the adsorption of triton x-100 and tween 20 onto latexes with different interfacial properties	Journal of colloid and interface science	Articulo	1997
Chloroactivated latex particles for covalent coupling of antibodies. application to immunoassays	Journal of biomaterials science. polymer ed	Articulo	1997
Colloidal stability of polymer colloids with different interfacial properties: mechanisms	Journal of colloid and interface science	Articulo	1996
Surface characterization of latexes with different interfacial properties	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1996
Strategies to improve the colloidal stability and the reactivity of immunolabelled beads	Journal of dispersion science and technology	Articulo	1996
Desarrollo y utilización de inmunorreactivos de aglutinación de látex en turbidimetría	Universidad de la republica. montevideo. uruguay	Tesis doctoral	1995
Electric double layer relaxation in positively and negatively charged polymer colloids	Anales de física	Articulo	1995
Electrokinetic behavior of f(ab ₂) ₂ fragments adsorbed onto positively and negatively charged polymer colloids	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1995
A comparative study on the electrokinetic behavior of bsa molecules adsorbed onto different polymer colloids	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1994
Adsorption of monoclonal igg on polystyrene microspheres	Colloid and polymer science	Articulo	1994
Influence of electrostatic forces on igg adsorption onto polystyrene beads	Colloids and surfaces b: biointerfaces	Articulo	1994
On some aspects of the adsorption of immunoglobulin-g molecules on polystyrene microspheres	Journal of dispersion science and technology	Articulo	1992
On the adsorption of igg onto polystyrene particles: electrophoretic mobility and critical coagulation concentration	Colloid and polymer science	Articulo	1992
Electrophoretic mobility, primary electroviscous effect and colloid stability of highly charged polystyrene latexes	Progress in colloid and polymer science	Articulo	1991

	Título proyecto	Tipo	Inicio	Fin
1	Caracterización físico-química e interfacial de sistemas coloidales integrados por lípidos estructurados sintetizados por nuevos métodos enzimáticos	Proyecto	10/1/07	8/30/10
2	Caracterización físico-química de interfases y emulsiones constituidas por glicéridos estructurados enriquecidos en ácidos grasos insaturados y poliinsaturados	Proyecto	12/13/04	12/13/06
3	Caracterización físico-química de interfases y emulsiones constituidas por glicéridos estructurados enriquecidos en ácidos grasos insaturados y poliinsaturados	Proyecto	12/13/04	12/13/06

Actividades 0

Título actividad	Fuente	Tipo	Fecha
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Colaboradores

- **MARÍA JOSÉ GÁLVEZ RUIZ** (28)
- **MIGUEL ANGEL CABRERIZO VÍLCHEZ** (22)
- **JULIA MALDONADO VALDERRAMA** (21)
- **ANA BELÉN JÓDAR REYES** (19)
- **JUAN LUIS ORTEGA VINUESA** (19)
- **ROQUE HIDALGO ALVAREZ** (16)
- **JUAN DE VICENTE ALVAREZ-MANZANEDA** (9)
- **FRANCISCO GALISTEO GONZÁLEZ** (5)
- **ALBERTO MARTÍN MOLINA** (3)
- **JOSE MANUEL PEULA GARCIA** (2)
- **JUAN ANTONIO MARCHAL CORRALES** (2)
- **FRANCISCO SANTOYO GONZALEZ** (1)
- **HOURIA BOULAIZ TASSI** (1)