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

Departamento: Universidad de Granada. Física Aplicada

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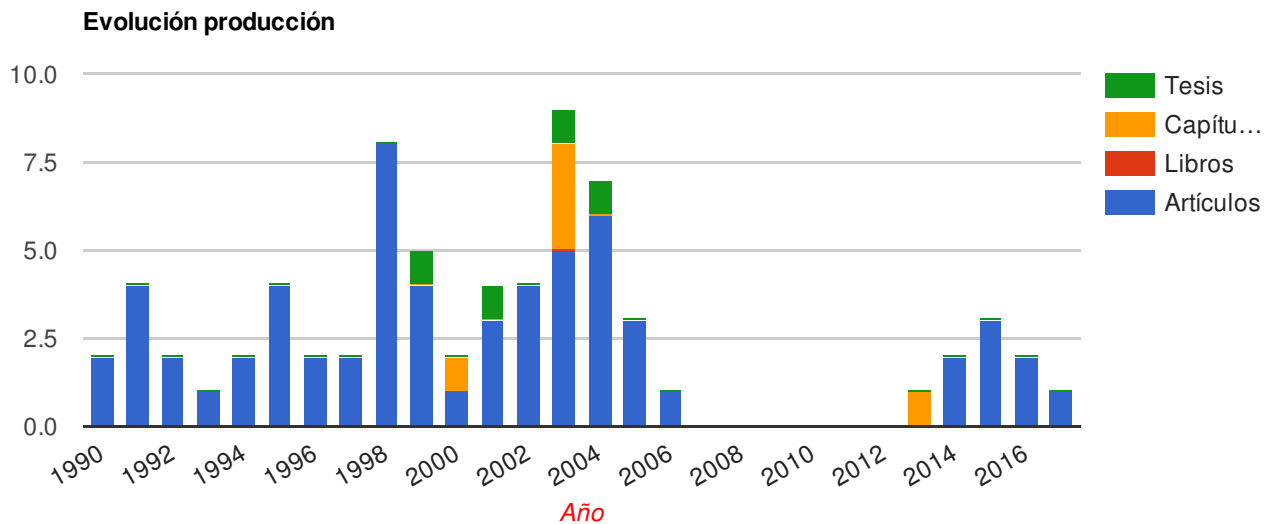
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Ficha del Directorio

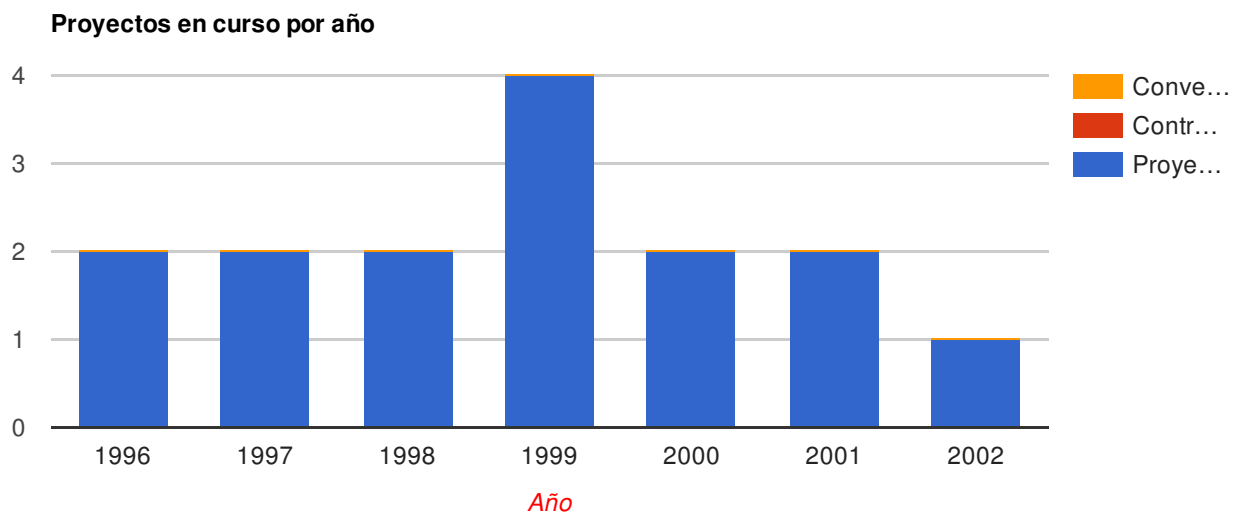
Producción 71

Artículos (62) Libros (0) Capítulos de Libros (5) Tesis dirigidas (4)



Proyectos dirigidos 4

Proyectos (4) Contratos (0) Convenios (0)



Actividades 0

Título publicación	Fuente	Tipo	Fecha
Synthesis and in vitro antiproliferative evaluation of pegylated triterpene acids	Fitoterapia (milano, 1934)	Articulo	2017
Effect of cross-linker glutaraldehyde on gastric digestion of emulsified albumin	Colloids and surfaces b: biointerfaces	Articulo	2016
Simultaneous presence of dynamic and sphere action component in the fluorescence quenching of human serum albumin by diphthaloylmaslinic acid	Journal of luminescence	Articulo	2016
Energetics of albumin-disuccinylmaslinic acid binding determined by fluorescence spectroscopy	Fluid phase equilibria	Articulo	2015
Interaction between the anti-cancer drug diacetyl maslinic acid and bovine serum albumin: a biophysical study	Journal of molecular liquids	Articulo	2015
Olive-oil nanocapsules stabilized by hsa: influence of processing variables on particle properties	Journal of nanoparticle research	Articulo	2015
Spectroscopic investigation on the interaction of maslinic acid with bovine serum albumin	Journal of luminescence	Articulo	2014
Systematic study on the preparation of bsa nanoparticles	Colloids and surfaces b: biointerfaces	Articulo	2014
Física de película (pid 12-71)	Innovación docente y buenas prácticas en la universidad de granada	Capítulo de libro	2013
Adhesion forces between protein layers studied by means of atomic force microscopy	Langmuir	Articulo	2006
Existence of hydration forces in the interaction between apoferritin molecules adsorbed on silica surfaces	Langmuir	Articulo	2005
Hydration forces between silica surfaces: experimental data and predictions from different theories	Journal of chemical physics	Articulo	2005
Latex immunoagglutination assays	Journal of macromolecular science. polymer reviews (print)	Articulo	2005
Amino, chloromethyl and acetal-functionalized latex particles for immunoassays: a comparative study	Journal of immunological methods	Articulo	2004
Charge inversion of latex particles in presence of electrolyte	Progress in colloid and polymer science	Articulo	2004
Fuerzas estructurales en sistemas hidrófilos	Universidad de granada. física aplicada	Tesis doctoral	2004
Interaction forces between bsa layers adsorbed on silica surfaces measured with an atomic force microscope	The journal of physical chemistry b	Articulo	2004
Interactions between bovine serum albumin layers adsorbed on different substrates measured with an atomic force microscope	Physical chemistry chemical physics	Articulo	2004
Measurement of interactions between protein layers adsorbed on silica by atomic force microscopy	Journal of physics: condensed matter	Articulo	2004
Stabilisation of an amphoteric latex by hydration forces	Progress in colloid and polymer science	Articulo	2004
Amino-functionalized latex particles obtained by a multistep method: development of a new immunoreagent	Journal of polymer science. part a, polymer chemistry	Articulo	2003
Fenómeno de sobrecarga en coloides poliméricos	Coloides e interfases : vigo, 2003	Capítulo de libro	2003
Fuerzas de interacción entre superficies de sílice y entre capas de bsa adsorbidas sobre sílice	Coloides e interfases : vigo, 2003	Capítulo de libro	2003
Latex immunoagglutination assays	Colloidal biomolecules, biomaterials, and biomedical applications	Capítulo de libro	2003

Looking into overcharging in model colloids through electrophoresis: asymmetric electrolytes	Journal of chemical physics	Articulo	2003
Primitive models and electrophoresis: an experimental study	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	2003
Probing charge inversion in model colloids: electrolyte mixtures of multi- and monovalent counterions	Journal of physics: condensed matter	Articulo	2003
Propiedades electrocinéticas de sistemas coloidales modelo: efecto del tamaño iónico	Universidad de granada. física aplicada	Tesis doctoral	2003
Study of the colloidal stability of an amphoteric latex	Colloid and polymer science	Articulo	2003
Development of a new flow-through immunoassay to detect human igm class antibodies to brucella melitensis 16m s-lipopolysaccharide and comparison with igm-elisa	Inmunología	Articulo	2002
Electrophoretic mobility and primitive models: surface charge density effect	The journal of physical chemistry b	Articulo	2002
Electrophoretic mobility of model colloids and overcharging:theory and experiment	Molecular physics	Articulo	2002
Interaction of bacterial endotoxine (lipopolysaccharide) with latex particles: application to latex agglutination immunoassays	Journal of colloid and interface science	Articulo	2002
Fractal aggregates induced by antigen-antibody interaction	Langmuir	Articulo	2001
Inmunoanálisis de partículas basado en la tecnología adivina-biotina.aplicación a la medida de ferritina en suero	Universidad de granada. farmacología	Tesis doctoral	2001
Specific cation adsorption on protein-covered particles and its influence on colloidal stability	Colloids and surfaces b: biointerfaces	Articulo	2001
Synthesis of amino-functionalized latex particles by a multistep method	Journal of polymer science. part a, polymer chemistry	Articulo	2001
Development and validation of an automated and ultrasensitive immunoturbidimetric assay for c-reactive protein	Clinical chemistry	Articulo	2000
Estabilidad coloidal anómala de sistemas látex-proteína	Coloides e interfases, estado líquido : almería, 2000	Capítulo de libro	2000
Colloidal aggregation in energy minima of restricted depth	Journal of chemical physics	Articulo	1999
Development of a high sensitivity igg-latex immunodetection system stabilized by hydration forces	Polymer international	Articulo	1999
Forces acting on particle-enhanced immunoassays	Journal of biomaterials science. polymer ed	Articulo	1999
Mecanismos de estabilidad coloidal. teoría y aplicación a inmunoensayos	Universidad de granada. física aplicada	Tesis doctoral	1999
The role played by hydration forces in the stability of protein-coated particles: non-classical dlvo behaviour	Colloids and surfaces b: biointerfaces	Articulo	1999
Agglutination kinetics of f(ab ')(2) coated polymer colloids	Colloid and polymer science	Articulo	1998
Anomalous colloidal stability of latex-protein systems	Journal of colloid and interface science	Articulo	1998
Cluster morphology of protein-coated polymer colloids	Journal of colloid and interface science	Articulo	1998
Functionalized monodisperse particles with chloromethyl groups for the covalent coupling of proteins	Macromolecules	Articulo	1998
Latex immunoassays: comparative studies on covalent and physical immobilization of antibodies i f(ab ')(2) fragments	Journal of biomaterials science. polymer ed	Articulo	1998
Latex immunoassays: comparative studies on covalent and physical immobilization of antibodies ii igg	Journal of biomaterials science. polymer ed	Articulo	1998
Particle enhanced immunoassays stabilized by hydration forces: a	.Journal of immunological		

comparative study between igg and f(ab ')(2) immunoreactivity	Journal of immunological methods	Articulo	1998
Surface potential and particle size effect on the rate of perikinetic coagulation	Anales de física	Articulo	1998
Colloidal stability of protein-polymer systems: a possible explanation by hydration forces	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	1997
Repeptization determined by turbidity and photon correlation spectroscopy measurements: particle size effects	Journal of colloid and interface science	Articulo	1997
Stabilization of protein-latex complexes at high ionic strength	Colloids and surfaces b: biointerfaces	Articulo	1996
Stabilization of protein-latex complexes at high ionic strength	Colloids and surfaces b: biointerfaces	Articulo	1996
Adsorption of lysozyme and a-lactalbumin on poly (styrenesulphonate) latices. 1. adsorption and desorption behaviour	Colloids and surfaces b: biointerfaces	Articulo	1995
Adsorption of lysozyme and a-lactalbumin on poly (styrenesulphonate) latices. 2. proton titrations	Colloids and surfaces b: biointerfaces	Articulo	1995
Protein adsorption at the aqi-water interface	Journal of colloid and interface science	Articulo	1995
Protein adsorption on polystyrene latex particles	Polymers for advanced technologies	Articulo	1995
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 the structure of electrical double-layer of igg immobilized on polystyrene microspheres	Journal of biomaterials science. polymer ed	Articulo	1993
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
Adsorption of anionic surfactants on positively charged polystyrene particles	Colloid and polymer science	Articulo	1991
Electrokinetic study of cationic polystyrene latex covered by carbopol polyelectrolyte	Trends in polymer science	Articulo	1991
Electrophoretic mobility, primary electroviscous effect and colloid stability of highly charged polystyrene latexes	Progress in colloid and polymer science	Articulo	1991
Study of temperature and ph effects on phase transition between liquid expanded/liquid condensed of cholesterol, lecithin and lithocholic acid mixed monolayers	Progress in colloid and polymer science	Articulo	1991
Effects of particle concentration, ionic strength, ph and temperature on the microelectrophoretic mobility of cationic polystyrene latex. i	Progress in colloid and polymer science	Articulo	1990
Effects of particle concentration, ionic strength, ph and temperature on the microelectrophoretic mobility of cationic polystyrene latex. i	Progress in colloid and polymer science	Articulo	1990

	Título proyecto	Tipo	Inicio	Fin
1	Síntesis y aplicación de nuevos polímeros coloidales funcionalizados en la detección de analitos de interés clínico	Proyecto	12/31/99	12/31/02
2	Nuevas aplicaciones de la tecnología de micropartículas poliméricas en el inmunodiagnóstico	Proyecto	1/1/99	1/1/01
3	Síntesis, caracterización y aplicaciones de nuevos polímeros coloidales funcionalizados en la obtención de reactivos de inmunodiagnóstico	Proyecto	7/1/96	6/30/99
4	Síntesis, caracterización y aplicaciones de nuevos polímeros coloidales funcionalizados en la obtención de reactivos de inmunodiagnóstico.	Proyecto	7/1/96	6/30/99

Actividades 0

Título actividad	Fuente	Tipo	Fecha
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