

Ficha de grupo de investigación

FISICA DE FLUIDOS Y BIOCLOIDES

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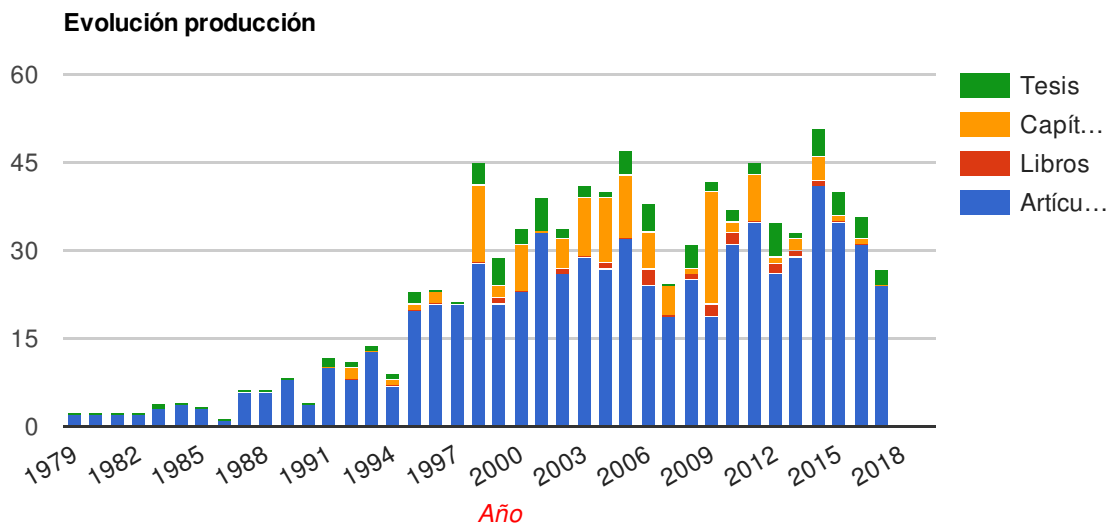
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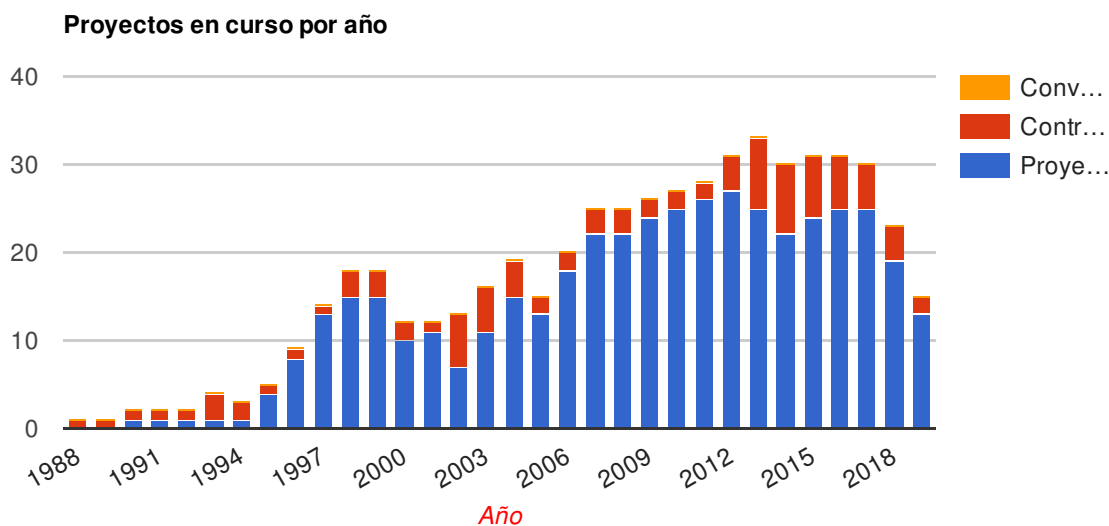
Producción 1704

- Artículos (1335)
- Libros (22)
- Capítulos de Libros (225)
- Tesis dirigidas (122)



Proyectos dirigidos 126

- Proyectos (92)
- Contratos (34)
- Convenios (0)



Actividades 41

Titulo publicación	Fuente	Tipo	Fecha
Adsorption of milk proteins (beta-casein and beta-lactoglobulin) and bsa onto hydrophobic surfaces		Articulo	2017
Aggregation kinetics of carbonyl iron based magnetic suspensions in 2d	Soft matter	Articulo	2017
Competition between excluded-volume and electrostatic interactions for nanogel swelling: effects of the counterion valence and nanogel charge	Physical chemistry chemical physics	Articulo	2017
Conformation change of an isotactic poly (n-isopropylacrylamide) membrane: molecular dynamics	Journal of chemical physics	Articulo	2017
Cosolute partitioning in polymer networks: effects of flexibility and volume transitions	Macromolecules	Articulo	2017
Describing magnetorheology under a colloidal glass approach	Physical review e	Articulo	2017
Different approaches to study proteins films at air/water interface	Advances in colloid and interface science	Articulo	2017
Dual delivery nanosystem for biomolecules. formulation, characterization, and in vitro release	Colloids and surfaces b: biointerfaces	Articulo	2017
Dynamics of magnetorheological fluids at the microscale	Universidad de granada	Tesis doctoral	2017
Effect of confinement on the aggregation kinetics of dilute magnetorheological fluids	Smart materials and structures	Articulo	2017
Efecto del tiempo de grabado del titanio en su topografía, química, humectabilidad y adhesión celular	Facultad de odontología. universidad de granada	Tesis doctoral	2017
Effect of surface roughness on the magnetic interaction between micron-sized ferromagnetic particles: finite element method calculations	Journal of intelligent material systems and structures	Articulo	2017
Forces between different latex particles in aqueous electrolyte solutions measured with the colloidal probe technique	Microscopy research and technique	Articulo	2017
Interaction between ideal neutral nanogels: a monte carlo simulation study	Macromolecules	Articulo	2017
Interactions involved in the permeation and distribution of ions and biomolecules inside charged microgels	Universidad de granada, granada, españa	Tesis doctoral	2017
Interactions of organic ions with proteins	Soft matter	Articulo	2017
Microscopy research and technique	Microscopy research and technique	Articulo	2017
On the importance of carrier fluid viscosity and particle-wall interactions in magnetic-guided assembly of quasi-2d systems	Microfluidics and nanofluidics	Articulo	2017
Probing in-vitro digestibility of food biopreservative as-48		Articulo	2017
Probing in-vitro digestibility of food biopreservative as-48	Food chemistry	Articulo	2017
Sorption and spatial distribution of protein globules in charged hydrogel particles	Langmuir	Articulo	2017
Synthesis and characterization of magnetic chitosan microspheres as low-density and low-biototoxicity adsorbents for lake restoration	Chemosphere	Articulo	2017
Synthesis and in vitro antiproliferative evaluation of pegylated triterpene acids	Fitoterapia (milano, 1934)	Articulo	2017
Testing the performance of superhydrophobic	Journal of colloid and interface science	Articulo	2017

aluminum surfaces	Journal of Colloid and Interface Science	Artículo	2017
Thermoresponsive microgels at the air-water interface: the impact of the swelling state on interfacial conformation	Soft matter	Artículo	2017
Towards a universal master curve in magnetorheology	Smart materials and structures	Artículo	2017
Towards super-nonstick aluminized steel surfaces	Progress in organic coatings	Artículo	2017
A micromechanical model for magnetorheological fluids under slow compression	Rheologica acta	Artículo	2016
A microcosm experiment to determine the consequences of magnetic microparticles application on water quality and sediment phosphorus pools	Science of the total environment	Artículo	2016
A simple strategy to improve the interfacial activity of true janus gold nanoparticles: a shorter hydrophilic capping ligand	Soft matter	Artículo	2016
A simple strategy to improve the interfacial activity of true janus gold nanoparticles: a shorter hydrophilic capping ligand		Artículo	2016
Caracterización topográfica de implantes de uso comercial	Facultad de odontología, universidad de granada	Tesis doctoral	2016
Estudio de superficies texturizadas desde topografía micrométrica a nanométrica para aplicaciones bioadhesivas	Universidad de granada. facultad de ciencias	Tesis doctoral	2016
Effect of hydrofluoric acid etching time on titanium topography, chemistry, wettability, and cell adhesion	Plos one	Artículo	2016
Effect of cross-linker glutaraldehyde on gastric digestion of emulsified albumin	Colloids and surfaces b: biointerfaces	Artículo	2016
Effect of the terminal group of phosphonate self-assembled films formed on ti surfaces on the biomimetic layer formation and cell adhesion	Applied surface science	Artículo	2016
Estudio experimental de un sistema no-lineal: reacción de belousov-zhabotinsky	Revista española de física	Artículo	2016
Fabrication of water-repellent surfaces on galvanized steel	Rsc advances: an international journal to further the chemical sciences	Artículo	2016
Faceted particles: an approach for the enhancement of the elasticity and the yield stress of magnetorheological fluids	Applied physics letters	Artículo	2016
Facile synthesis of magnetic agarose microfibers by directed self-assembly in w/o emulsions	Polymer	Artículo	2016
Formation of mixed and patterned self-assembled films of alkylphosphonates on commercially pure titanium surfaces	Applied surface science	Artículo	2016
Immune cell impact of three differently coated lipid nanocapsules: pluronic, chitosan and polyethylene glycol	Scientific reports	Artículo	2016
Impact of the collective diffusion of charged nanoparticles in the convective/capillary deposition directed by receding contact lines	European physical journal e. soft matter	Artículo	2016
Interfacial activity of gold nanoparticles coated with a polymeric patchy shell and the role of spreading agents	Acs omega	Artículo	2016
Introduction to standard spectroscopic methods: xrd, ir/raman, and mössbauer	Iron oxides: from nature to applications	Capítulo de libro	2016
Ions at interfaces: the central role of hydration and hydrophobicity	Current opinion in colloid & interface science	Artículo	2016

hydrophobicity	science		
Magnetic microparticles as a new tool for lake restoration: a microcosm experiment for evaluating the impact on phosphorus fluxes and sedimentary phosphorus pools	Water research	Articulo	2016
Magnetorheology of hybrid colloids obtained by spin-coating and classical rheometry	Smart materials and structures	Articulo	2016
Model magnetorheology: a direct comparative study between theories, particle-level simulations and experiments, in steady and dynamic oscillatory shear	Journal of rheology	Articulo	2016
Model magnetorheology: a direct comparative study between theories,	Journal of rheology	Articulo	2016
Pei-coated gold nanoparticles: a straightforward preparation of efficient dna delivery nanocarriers	Chemistry - an asian journal	Articulo	2016
Polyelectrolyte complexes of low molecular weight pei and citric acid as efficient and nontoxic vectors for in vitro and in vivo gene delivery	Bioconjugate chemistry	Articulo	2016
Preparation and characterization of magnetorheological fluids by dispersion of carbonyl iron microparticles in pao/1-octanol	Smart materials and structures	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
Specific ion effects in cholesterol monolayers	Materials	Articulo	2016
Specific effects of organic and inorganic ions on soft interfaces	Universidad de granada. facultad de ciencias	Tesis doctoral	2016
Specific ion effects and ph dependence on the interaction forces between polystyrene particles	Langmuir	Articulo	2016
Start-up rheometry of highly polydisperse magnetorheological fluids: experiments and simulations	Rheologica acta	Articulo	2016
Swelling of ionic microgel particles in the presence of excluded-volume interactions: a density functional approach	Physical chemistry chemical physics	Articulo	2016
Testing the mean magnetization approximation, dimensionless and scaling numbers in magnetorheology	Soft matter	Articulo	2016
The effect of electrosteric interactions on the effective charge of thermoresponsive ionic microgels: theory and experiments	Journal of polymer science. part b, polymer physics	Articulo	2016
The non-dominance of counterions in charge-asymmetric electrolytes: non-monotonic precedence of electrostatic screening and local inversion of the electric field by multivalent coions	Physical chemistry chemical physics	Articulo	2016
On the use of iron oxide colloidal suspensions for improving water quality	Universidad de granada. facultad de ciencias	Tesis doctoral	2016
"low cost" pore expanded sba-15 functionalized with amine groups applied to co2 adsorption	Materials	Articulo	2015
A comparative study on the effect of hydrodynamic interactions in the non-sequential deposition of concentrated colloidal dispersions: stochastic rotation dynamics and brownian dynamics simulations	Molecular physics	Articulo	2015
Anions make the difference: insights from the interaction of big cations and anions with poly(n-	Soft matter	Articulo	2015

isopropylacrylamide) chains and microgels			
Balancing the effect of corona on therapeutic efficacy and macrophage uptake of lipid nanocapsules	Biomaterials	Articulo	2015
Co2 adsorption on amine modified mesoporous silicas: effect of the progressive disorder of the honeycomb arrangement	Microporous and mesoporous materials	Articulo	2015
Colloidal assembly by convective deposition. the role of electric charge, substrate wettability and particle density	Universidad de granada. facultad de ciencias	Tesis doctoral	2015
Colloidal stability and magnetic field-induced ordering of magnetorheological fluids studied with a quartz crystal microbalance	Sensors	Articulo	2015
Colloidal assembly by convective deposition. the role of electric charge, substrate wettability and particle density		Tesis doctoral	2015
Complexation and release of dna in polyplexes formed with reducible linear poly (β -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
Effect of particle aspect ratio in magnetorheology	Smart materials and structures	Articulo	2015
Effect of cross-linker and charge on the scattered light by dilute aqueous dispersions of nanogel particles	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	2015
Energetics of albumin-disuccinylmaslinic acid binding determined by fluorescence spectroscopy	Fluid phase equilibria	Articulo	2015
Entropic image segmentation of sessile drops over patterned acetate	Mathematics and computers in simulation	Articulo	2015
Genetics of accessing and exploiting hydrocarbons	Handbook of hydrocarbon and lipid microbiology	Capítulo de libro	2015
Improved dna condensation, stability, and transfection with alkyl sulfonyl-functionalized pamam g2	Journal of nanoparticle research	Articulo	2015
Interaction between the anti-cancer drug diacetyl maslinic acid and bovine serum albumin: a biophysical study	Journal of molecular liquids	Articulo	2015
Interaction forces and aggregation rates of colloidal latex particles in the presence of monovalent counterions	The journal of physical chemistry b	Articulo	2015
Interfacial activity and contact angle of homogeneous, functionalized, and janus nanoparticles at the water/decane interface	Langmuir	Articulo	2015
Long-ranged and soft interactions between charged colloidal particles induced by multivalent coions	Soft matter	Articulo	2015
Nanobody conjugated plga nanoparticles for active targeting of african trypanosomiasis	Journal of controlled release	Articulo	2015
Natural inhibitors of lipase: examining lipolysis in a single droplet	Journal of agricultural and food chemistry	Articulo	2015
Numerical study of the most stable contact angle of drops on tilted surfaces	Langmuir	Articulo	2015
Olive-oil nanocapsules stabilized by hsa: influence of processing variables on particle properties	Journal of nanoparticle research	Articulo	2015
On the yielding behavior in magnetorheology using ultrasonics, shear and normal stresses, and optical		Articulo	2015

ultrasounds, shear and normal stresses, and optical microscopy		Articulo	2015
On the scattered light by dilute aqueous dispersions of nanogel particles	Journal of colloid and interface science	Articulo	2015
Particle roughness in magnetorheology: effect on the strength of the field-induced structures	Journal of physics d: applied physics	Articulo	2015
Particle roughness in magnetorheology: effect on the strength of the field-induced structures	Journal of physics d: applied physics	Articulo	2015
Particle segregation at contact lines of evaporating colloidal drops: influence of the substrate wettability and particle charge-mass ratio	Langmuir	Articulo	2015
Physicochemical characterization of the interfacial behaviour of janus nanoparticles	Universidad de granada. facultad de ciencias	Tesis doctoral	2015
Role of steric interactions on the ionic permeation inside charged microgels: theory and simulations	Macromolecules	Articulo	2015
Simulations of polydisperse magnetorheological fluids:	Journal of rheology	Articulo	2015
Single-ion interferences when using magnetic microparticles for phosphorus removal in aquatic ecosystems	Limnetica	Articulo	2015
Specific ion effects on the electrokinetic properties of iron oxide nanoparticles:experiments and simulations	Physical chemistry chemical physics	Articulo	2015
Squeeze flow and polydispersity effects in magnetorheology	Universidad de granada	Tesis doctoral	2015
Subphase exchange experiments with the pendant drop technique	Advances in colloid and interface science	Articulo	2015
Surface activity and collective behaviour of colloiddally stable janus-like particles at the air-water interface	Soft matter	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
Tribological behavior of ionic liquid-based magnetorheological fluids in steel and polymeric point contacts	Tribology international	Articulo	2015
Wall-particle interactions and depletion forces in narrow slits	Current opinion in colloid & interface science	Articulo	2015
A comparative study of the tribological performance of ferrofluids and magnetorheological fluids within steel-steel point contacts		Articulo	2014
A comprehensive evaluation of using magnetic particles for lake restoration	Universidad de granada	Tesis doctoral	2014
Accurate predictions of forces in the presence of multivalent ions by poisson-boltzmann theory	Langmuir	Articulo	2014
Bile salts at the air ₂ water interface: adsorption and desorption	Colloids and surfaces b: biointerfaces	Articulo	2014
Bitumen spreading on calcareous aggregates at high temperature	Journal of materials science	Articulo	2014
Bitumen spreading on calcareous aggregates at high temperature	Journal of materials science	Articulo	2014
Block copolymers at interfaces: interactions with physiological media	Advances in colloid and interface science	Articulo	2014
Cation-mediated interaction between dna and anionic lipid surfaces: experimental and simulation study.	Facultad de ciencias	Tesis doctoral	2014
Comparison of the interfacial activity between			

Comparison of the interfacial activity between homogeneous and janus gold nanoparticles by pendant drop tensiometry	Langmuir	Artículo	2014
Effect of root planing on surface topography: an in-vivo randomized experimental trial.	Journal of periodontal research	Artículo	2014
Electric double-layer potentials and surface regulation properties measured by colloidal-probe atomic force microscopy	Physical review e: covering statistical, nonlinear, biological, and soft matter physics	Artículo	2014
Engineering lipid nanocapsule systems for intracellular delivery of anticancer drugs	Universidad de granada. física aplicada	Tesis doctoral	2014
Excluded volume effects on ionic partitioning in gels and microgels: a simulation study	Physical chemistry chemical physics	Artículo	2014
Experimental techniques used for the characterization of soft nanoparticles	Soft nanoparticles for biomedical applications	Capítulo de libro	2014
Ferrofluid lubrication of compliant polymeric contacts: effect of non-homogeneous magnetic fields	Tribology letters	Artículo	2014
Formation, stability and in vitro activity of colloidal systems for gene delivery	Universidad de granada. facultad de ciencias	Tesis doctoral	2014
Hydrodynamic interactions in charged vesicles suspensions	Experimental and computational fluid mechanics	Capítulo de libro	2014
Improvement of the jrc calculation using different parameters obtained through a new survey method applied to rock discontinuities	Rock mechanics and rock engineering	Artículo	2014
In vivo long-term magnetic resonance imaging activity of ferritin-based magnetic nanoparticles versus a standard contrast agent	Journal of medicinal chemistry	Artículo	2014
In vivo long-term magnetic resonance imaging activity of ferritin- ζ -based magnetic nanoparticles versus a standard contrast agent		Artículo	2014
In vitro duodenal lipolysis of lipid-bases drug delivery systems studied by hplc-uv and hplc-ms	International journal of pharmaceutics	Artículo	2014
In-plane particle counting at contact lines of evaporating colloidal drops: effect of the particle electric charge	Soft matter	Artículo	2014
Interaction forces, heteroaggregation, and deposition involving charged colloidal particles	The journal of physical chemistry b	Artículo	2014
Interactions between polymeric surfactants and bile salts: new routes for controlling lipid digestion of oil-in-water emulsions	Gums and stabilisers for the food industry 17: the changing face of food manufacture: the role of hydrocolloids	Artículo	2014
Interfacial activity of auc6 nanoparticles using the pendant drop technique	Journal of colloid science and biotechnology	Artículo	2014
Introductory aspects of soft nanoparticles	Soft nanoparticles for biomedical applications	Capítulo de libro	2014
Ion permeation inside microgel particles induced by specific interactions: from charge inversion to overcharging	Soft matter	Artículo	2014
Jesús yoldi bereau (1894-1936), el profesor de química que no se presentó a su destino	Anales de la real sociedad española de química	Artículo	2014
Magnetorheology of dimorphic magnetorheological fluids based on nanofibers	Smart materials and structures	Artículo	2014
Measurements of dispersion forces between colloidal latex particles with the atomic force microscope and comparison with lifshitz theory	Journal of chemical physics	Artículo	2014
Monovinyl sulfone b-cyclodextrin: a flexible drug	Chemmedchem	Artículo	2014

carrier system	Chemical synthesis	Artículo	2014
Nanogels for drug delivery: the key role of nanogel-drug interactions	Soft nanoparticles for biomedical applications	Capítulo de libro	2014
Osteoblastic cell response of biomimetic coatings formed on titanium surfaces mediated by self assembled films	Universidad de granada	Tesis doctoral	2014
Pluronic-covered oil-water interfaces under simulated duodenal conditions	Food hydrocolloids	Artículo	2014
Polyelectrolyte adsorption onto like-charged surfaces mediated by trivalent counterions: a monte carlo simulation study	Journal of chemical physics	Artículo	2014
Preparation, characterization and in vivo evaluation of nanoemulsions for the controlled delivery of the antiobesity agent n-oleoylethanolamine	Nanomedicine	Artículo	2014
Selective desorption of organophosphonates on chemically functionalized titanium by direct laser patterning	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	2014
Size-exclusion partitioning of neutral solutes in crosslinked polymer networks: a monte carlo simulation study		Artículo	2014
Soft nanoparticles for biomedical applications	Royal society of chemistry	Libros	2014
Spectroscopic investigation on the interaction of maslinic acid with bovine serum albumin	Journal of luminescence	Artículo	2014
Studying the role of surface chemistry on polyelectrolyte adsorption using gold; thiol self-assembled monolayer with optical reflectivity	Soft matter	Artículo	2014
Surface microanalysis and chemical imaging of early dentin remineralization.	Microscopy and microanalysis	Artículo	2014
Systematic study on the preparation of bsa nanoparticles	Colloids and surfaces b: biointerfaces	Artículo	2014
Temperature-sensitive nanogels in the presence of salt: explicit coarse-grained simulations	Journal of chemical physics	Artículo	2014
The influence of ph on manganese removal by magnetic microparticles in solution	Water research	Artículo	2014
Thermally sensitive reversible microgels formed by poly(n-isopropylacrylamide) charged chains: a hofmeister effect study	Journal of colloid and interface science	Artículo	2014
Thermo-responsive gels in the presence of monovalent salt at physiological concentrations: a monte carlo simulation study	Journal of polymer science. part b, polymer physics	Artículo	2014
Transition from stripe-like patterns to a particulate film using driven evaporating menisci	Langmuir	Artículo	2014
Two-step yielding in magnetorheology	Journal of rheology	Artículo	2014
Using afm to probe the complexation of dna with anionic lipids mediated by ca ²⁺ : the role of surface pressure.	Soft matter	Artículo	2014
Wettability and osteoblastic cell adhesion on ultrapolished commercially pure titanium surfaces: the role of the oxidation and pollution states	Journal of adhesion science and technology	Artículo	2014
Brownian dynamic simulations and experiments in mr fluids	Journal of physics: conference series	Artículo	2013
Brownian dynamics simulations in magnetorheology and comparison with experiments	Soft matter	Artículo	2013
Carbon xerogel microspheres and monoliths from			

Carbon xerogel microspheres and monoliths from resorcinol-formaldehyde mixtures with varying dilution ratios. preparation, surface characteristics, and electrochemical double-layer capacitances	Langmuir	Articulo	2013
Continuous media theory for mr fluids in non-shearing flows	Journal of physics: conference series	Articulo	2013
Control of surface morphology and internal structure in magnetite microparticles: from smooth single crystals to rough polycrystals	Crystengcomm	Articulo	2013
Control of surface morphology and internal structure in magnetite microparticles: from smooth single crystals to rough polycrystals.	Crystengcomm	Articulo	2013
Controlling the morphology of ring-like deposits by varying pinning time of driven receding contact lines	Interfacial phenomena and heat transfer	Articulo	2013
Direct measurements of forces between different charged colloidal particles and their prediction by the theory of derjaguin, landau, verwey, and overbeek (dlvo)	Journal of chemical physics	Articulo	2013
Effective charge of ionic microgel particles in the swollen and collapsed states: the role of the steric microgel-ion repulsion	Journal of chemical physics	Articulo	2013
Effective electrostatic interactions arising in core-shell charged microgel suspensions with added salt	Journal of chemical physics	Articulo	2013
Facile synthesis of thermoresponsive nanohybrids	Soft matter	Articulo	2013
Further details on the phase diagram of hard ellipsoids of revolution	Journal of chemical physics	Articulo	2013
Física de película (pid 12-71)	Innovación docente y buenas prácticas en la universidad de granada	Capítulo de libro	2013
Importance of the rheological properties of the organic sol mixtures in the preparation of cu-doped carbon xerogels	Carbon	Articulo	2013
In vitro digestion of interfacial protein structures	Soft matter	Articulo	2013
Interactions between pluronics (f127 and f68) and bile salts (natdc) in the aqueous phase and the interface of oil-in-water emulsions	Langmuir	Articulo	2013
Interfacial characterization of pluronic pe9400 at biocompatible(air¿water and limonene¿water) interfaces	Colloids and surfaces b: biointerfaces	Articulo	2013
Interfacial energy of heavy naphthenic bitumen in aqueous medium	Fuel	Articulo	2013
Ions-induced nanostructuring: effect of specific ionic adsorption on hydrophobic polymer surfaces	The journal of physical chemistry b	Articulo	2013
Juan antonio morente chiquero: in memoriam		Libros	2013
Magnetorheological viscoelastic fluids	Universidad de granada	Tesis doctoral	2013
Monitoring experiments using mobile devices	Proceedings of 2015 ieee international conference on computational intelligence and virtual environments for measurement systems and applications	Capítulo de libro	2013
Monte carlo simulation of thermo-responsive charged	Soft matter	Articulo	2013
Oxidation of ferrous hydroxides with nitrate: a versatile method for the preparation of magnetic colloidal particles	Journal of colloid and interface science	Articulo	2013
Predicting aggregation rates of colloidal particles from	The journal of physical chemistry b	Articulo	2013

direct force measurements	The journal of physical chemistry c	Articulo	2013
Rough and hollow spherical magnetite microparticles: revealing the morphology, internal structure, and growth mechanism.	The journal of physical chemistry c	Articulo	2013
Synthesis and characterization of lipid immunonanocapsules for directed drug delivery: selective antitumor activity against her2 positive breast-cancer cells.	Biomacromolecules	Articulo	2013
Synthesis, surface characteristics, and electrochemical capacitance of cu-doped carbon xerogel microspheres	Carbon	Articulo	2013
The effect of polymeric surfactants on the rheological properties of nanoemulsions	Colloid and polymer science	Articulo	2013
The effect of a fluorinated cholesterol derivative on the stability and physical properties of cationic dna vectors		Articulo	2013
The role of the electrostatic double layer interactions in the formation of nanoparticle ring-like deposits at driven receding contact lines	Soft matter	Articulo	2013
Thermogelling magnetorheological fluids	Smart materials and structures	Articulo	2013
Thermoresponsive polymer-based magnetorheological (mr) composites as a bridge between mr fluids and mr elastomers	Soft matter	Articulo	2013
A structural viscosity model for magnetorheology	Applied physics letters	Articulo	2012
Application of interfacial properties of polymeric surfactants in physiological processes for biomedical and nutraceutic purposes		Tesis doctoral	2012
Bioteología: interés y oportunidad en la universidad de granada	Revista de la facultad de derecho de la universidad de granada	Articulo	2012
Boundary lubrication of magnetorheological fluids in ptfе/steel point contacts	Wear	Articulo	2012
Brownian dynamics simulation of monolayer formation by deposition of colloidal particles: a kinetic study at high bulk particle concentration	European physical journal e. soft matter	Articulo	2012
Caracterización fisicoquímica de complejos mesoscópicos formados por fosfolípidos y macroiones multivalentes	Facultad de ciencias	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
Determining efficacy of monitoring devices on ceramic bond to resin composite	Medicina oral, patologia oral y cirugia bucal	Articulo	2012
Effective interaction in asymmetric charged binary mixtures: the non-monotonic behaviour with the colloidal charge	European physical journal e. soft matter	Articulo	2012
Effect of calcium and magnesium on phosphatidylserine membranes: experiments and all-atomic simulations	Biophysical journal	Articulo	2012

Effect of emulsifier type against the action of bile salts at oil-water interfaces	Food research international	Articulo	2012
Effect of the counterion valence on the behavior of thermo-sensitive gels and microgels: a monte carlo simulation study	Macromolecules	Articulo	2012
Effects of the internal structure of spheroidal divalent ions on the charge density profiles of the electric double layer	Journal of chemical physics	Articulo	2012
Exploring forces between individual colloidal particles with the atomic force microscope	Chimia	Articulo	2012
How pecllet number affects microstructure and transient cluster aggregation in sedimenting colloidal suspensions	Journal of chemical physics	Articulo	2012
Interacciones de iones monovalentes con coloides hidrofóbicos e hidrofílicos: inversión de carga y especificidad iónica	Moleqqa	Articulo	2012
Ion-specific aggregation of hydrophobic particles	Chemphyschem	Articulo	2012
Nanoparticle deposits formed at driven contact lines	Universidad de granada. facultad de ciencias	Tesis doctoral	2012
Non-linear viscoelasticity and two-step yielding in magnetorheology: a colloidal gel approach to understand the effect of particle concentration		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
On the validity of continuous media theory for plastic materials in magnetorheological fluids under slow compression	Rheologica acta	Articulo	2012
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Role of the electrostatic depletion attraction on the structure of charged liposome-polymer mixtures	Physical review e: covering statistical, nonlinear, biological, and soft matter physics	Articulo	2012
Rheology	Intech	Libros	2012
Ribbon-type and cluster-type lipoplexes constituted by a chiral lysine based cationic gemini lipid and plasmid dna	Soft matter	Articulo	2012
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Viscoelasticity - from theory to biological applications	Intech	Libros	2012
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A new method for evaluating the most stable contact angle using tilting plate experiments	Soft matter	Articulo	2011
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Additional comments on "an essay on contact angle measurements" by m. strobil and c. s. lyons	Plasma processes and polymers	Articulo	2011
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Average particle magnetization as an experimental scaling parameter for the yield stress of dilute magnetorheological fluids	Journal of physics d: applied physics	Articulo	2011
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Contact angle hysteresis on polymer surfaces: an experimental study	Journal of adhesion science and technology	Articulo	2011
Controlling friction using magnetic nanofluids	Soft matter	Articulo	2011
Computer simulations of thermo-sensitive microgels: quantitative comparison with experimental swelling data	Journal of chemical physics	Articulo	2011
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Derivation of the jurin's law revisited	European journal of physics	Articulo	2011
Evidence of hydration forces between proteins	Current opinion in colloid & interface science	Articulo	2011
Gene vectors based on doepc/dope mixed cationic liposomes: a physicochemical study	Soft matter	Articulo	2011
Impact plurinic f68 on protein adsorption in physiological processes: biocompatibility with blood and delaying lipid digestion	First workshop on advances in colloid materials	Capítulo de libro	2011
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Interaction of monovalent ions with hydrophobic and hydrophilic colloids: charge inversion and ionic specificity	Journal of the american chemical society	Articulo	2011
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drug on the structural properties of plasma protein	Colloids and surfaces b: biointerfaces	Artículo	2011
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Non-ionic surfactants to modify drug delivery from submicron emulsions	4th iberian meeting on colloids and interfaces (rici)	Capítulo de libro	2011
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On the non-parallelism effect in thin film plate-plate rheometry	Journal of rheology	Artículo	2011
On the effect of particle porosity and roughness in magnetorheology	Journal of applied physics	Artículo	2011
On the validity of strain-rate frequency superposition in magnetic field-induced colloidal structures	Iv reunión ibérica de coloides e interfases (rici), y reunión del grupo especializado de coloides e interfases (geci)	Capítulo de libro	2011
Physicochemical properties and digestibility of emulsified lipids in simulated intestinal fluids: influence of interfacial characteristics	Soft matter	Artículo	2011
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Rational design of a drug delivery system: from surfactants and interfaces to submicron emulsions	First workshop on advances in colloidal materials	Capítulo de libro	2011
Role of wettability and nanoroughness on interactions between osteoblast and modified silicon surfaces	Acta biomaterialia	Artículo	2011
Setting up high gradient magnetic separation for combating eutrophication of inland waters	Journal of hazardous materials	Artículo	2011
Soft nanoparticles (thermo-responsive nanogels and bicelles) with biotechnological applications: from synthesis to simulation through colloidal characterization	Soft matter	Artículo	2011
Squeeze flow magnetorheology	Journal of rheology	Artículo	2011
Steady shear magnetorheology of inverse ferrofluids	Journal of rheology	Artículo	2011
Structure and dynamics of charged colloid-polymer mixtures		Tesis doctoral	2011
Structure and dynamics of colloidal systems with application to vesicle suspensions	Facultad de ciencias, universidad de granada	Tesis doctoral	2011
Surface analysis of conditioned dentin and resin-dentin bond strength	Journal of adhesion science and technology	Artículo	2011
Surface rheology of sorbitan tristearate and beta-lactoglobulin: shear and dilatational behavior	Journal of non-newtonian fluid mechanics	Artículo	2011
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Surface characterization and afm imaging of mixed fibrinogen surfactant films	The journal of physical chemistry b	Artículo	2011
The role of bile salts in digestion	Advances in colloid and interface science	Artículo	2011
A method for the estimation of the film thickness and plate tilt angle in thin film misaligned plate-plate rheometry	Journal of non-newtonian fluid mechanics	Artículo	2010
A new model to estimate the young contact angle from contact angle hysteresis measurements	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	2010
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Charge reversal in anionic liposomes: experimental demonstration and molecular origin	Physical review letters	Artículo	2010
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Different stability regimes of oil-in-water emulsions in the presence of bile salts	Food research international	Artículo	2010
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Effect of roughness, wettability and morphology of engineered titanium surfaces on osteoblast-like cell adhesion	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	2010
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Effect of particle shape in magnetorheology	Journal of rheology	Artículo	2010
Food colloids 2010: on the road from interfaces to consumers	Applied rheology (print)	Artículo	2010
Fundamentos físicos en la arquitectura. prácticas de laboratorio	Editorial técnica avicam	Libros	2010
Generalization and advanced application of axisymmetric drop shape analysis	Applied surface thermodynamics	Capítulo de libro	2010
In vitro gastric digestion of interfacial protein structures: visualisation by afm	Soft matter	Artículo	2010
Interfacial rheology of protein-surfactant mixtures	Current opinion in colloid & interface science	Artículo	2010
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Ion size correlations in electric double layers: recent computer simulation studies	Nanoscience: colloidal and interfacial aspects	Capítulo de libro	2010
Ion-induced reversibility in the aggregation of hydrophobic particles	Soft matter	Artículo	2010
Inversion of hofmeister series by changing the surface of colloidal particles from hydrophobic to hydrophilic	Journal of physical chemistry b	Artículo	2010
Multiple time scales and cluster formation mechanisms in charge-heteroaggregation processes	Soft matter	Artículo	2010
Nanoparticles made from novel starch derivatives for transdermal drug delivery	Journal of controlled release	Artículo	2010
Novel core-shell lipid-chitosan and lipid-poloxamer nanocapsules: stability by hydration forces	Colloid and polymer science	Artículo	2010
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Salt effects in the cononsolvency of poly(nisopropylacrilamida) microgels	Chemphyschem	Articulo	2010
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Structure of charged colloid-polymer mixtures	Europhysics letters	Articulo	2010
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Suspensions of repulsive colloidal particles near the glass transition: time and frequency domain descriptions	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	2010
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Thin film rheology and ferrohydrodynamic lubrication of magnetic fluids	Universidad de granada. física aplicada	Tesis doctoral	2010
A theoretical and experimental approach to the compaction process of dna by dioctadecyldimethylammonium bromide/zwitterionic mixed liposomes	The journal of physical chemistry b	Articulo	2009
Additional considerations about the role of ion size in charge reversal	Journal of physics: condensed matter	Articulo	2009
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Dynamic rheology of sphere- and rod-based magnetorheological fluids	Journal of chemical physics	Articulo	2009
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Stability and rheological properties of nanoemulsions based on natural oils	5th international symposium on food rheology and structure	Capítulo de libro	2009
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Controlling the magnetic filaments length by tuning the particle interactions	Journal of colloid and interface science	Articulo	2008
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Primitive models and electrophoresis: an experimental study	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	2003
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Electrokinetic and viscoelastic properties of magnetorheological suspensions of cobalt ferrite	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	2001
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Specific cation adsorption on protein-covered particles and its influence on colloidal stability	Colloids and surfaces b: biointerfaces	Articulo	2001
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Estabilidad coloidal anómala de sistemas látex-proteína	Coloides e interfases, estado líquido : almería, 2000	Capítulo de libro	2000
Estabilización y desestabilización por adsorción sobre coloides modelo de triton x-100.	Boletín de la sociedad española de cerámica y vidrio	Articulo	2000
Evidencia experimental del escalado dinámico en procesos de agregacion controlados por	Coloides e interfases, estado líquido : almería, 2000	Capítulo de libro	2000

macromoléculas			
Investigacion del comportamiento interfacial de lipidos y proteínas. formacion y caracterizacion de peliculas monomoleculares	Universidad de granada. física aplicada	Tesis doctoral	2000
Ionic condensation theories and the liquidlike structures observed in colloidal dispersions	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	2000
Measurement of dynamic surface tension to determine critical micellar concentration in lipophilic silicon surfactants	Il farmaco	Articulo	2000
Measurement of dynamic tension to determine critical micellar concentration in lipophylic silicone surfactants	Il farmaco	Articulo	2000
Mecanismos de estabilidad de látex funcionalizados	Coloides e interfases	Capítulo de libro	2000
Medidas de propiedades interfaciales en fluidos mediante procesamiento entrópico de imagen	Anales de ingeniería mecánica	Articulo	2000
Multiple contact kernel for diffusionlike aggregation	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	2000
Obtencion y caracterizacion de multicapas langmuir-blodgett de seroalbumina bovina	Coloides e interfases, estado líquido : almería, 2000	Capítulo de libro	2000
Simulations of aggregation in 2d. a study of kinetics, structure and topological properties	Physica a. statistical mechanics and its applications	Articulo	2000
Stability of cobalt ferrite colloidal particles. effect of ph and applied magnetic fields	Langmuir	Articulo	2000
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Acid-etching and hydration influence on dentin roughness and wettability	Journal of dental research	Articulo	1999
Ambient temperature synthesis of polycrystalline thin films of lithium cobalt oxide with controlled crystallites; orientations	Solid state ionics v - materials research society symposium proceedings, 548	Capítulo de libro	1999
Axisymmetric drop shape analysis as penetration film balance applied at liquid-liquid interfaces	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1999
Axisymmetric drop shape analysis as penetration langmuir balance	Review of scientific instruments	Articulo	1999
Colloidal aggregation in energy minima of restricted depth	Journal of chemical physics	Articulo	1999
Colloidal clusters with finite binding energies: fractal structure and growth mechanism	Langmuir	Articulo	1999
Comparative electrophoretic mobility and streaming current study for [zeta]-potential determination	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1999
Determination of the rigorous transfer function of an isothermal titration microcalorimeter with peltier compensation	Journal of thermal analysis and calorimetry	Articulo	1999
Development of a high sensitivity igg-latex immunodetection system stabilized by hydration forces	Polymer international	Articulo	1999
Development of a new langmuir-type pendant-drop film balance	Colloids and surfaces b: biointerfaces	Articulo	1999
Dynamic scaling concepts applied to numerical solutions of smoluchowski's rate equation	Journal of chemical physics	Articulo	1999
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Electrokinetic behavior of polymer colloids.	Polymer interfaces and emulsions	Capítulo de libro	1999
Escalado temporal en procesos de agregacion de biocoloides	Universidad de granada. física aplicada	Tesis doctoral	1999
Estructura fractal de los agregados coloidales en 2-d	Universidad de granada. física aplicada	Tesis doctoral	1999
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Estudio termodinamico de la superficie dentaria y su relacion con las biopropiedades adhesivas	Universidad de granada. estomatología	Tesis doctoral	1999
Evaluation of the interactions between lipids and γ -globulin protein at the air-liquid interface	Colloids and surfaces b: biointerfaces	Articulo	1999
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
Measurement of ultra low interfacial tension with adsa using an entropic edge detector	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1999
Mecanismos de estabilidad coloidal. teoria y aplicacion a inmunoensayos	Universidad de granada. física aplicada	Tesis doctoral	1999
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Renormalization processes in the charge density of polymer colloids	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1999
Structural effects of the solvent composition in colloidal liquids	Journal of chemical physics	Articulo	1999
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Agglutination kinetics of $f(ab \cdot \cdot)(2)$ coated polymer colloids	Colloid and polymer science	Articulo	1998
Aggregation of hsa, igg, and fibrinogen on methylated silicon surfaces	Journal of colloid and interface science	Articulo	1998
Anomalous colloidal stability of latex-protein systems	Journal of colloid and interface science	Articulo	1998
Aplicacion de particulas de latex sensibilizadas en inmunodiagnostico	Coloides e interfaces	Capítulo de libro	1998
Aplicación de partículas de látex sensibilizadas en inmunodiagnósticos: un modelo cinético sencillo para la agregación	Coloides e interfases	Capítulo de libro	1998
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Colloid stability of nonionic surfactant/latex complexes at high ionic strength	Progress in colloid and polymer science	Articulo	1998
Colloidal stabilization of polystyrene particles by adsorption of nonionic surfactant - ii electrosteric stability studies	Journal of colloid and interface science	Articulo	1998
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Cómo iluminar lo invisible y ver algo: estructura fractal coloidal	Coloides e interfases	Capítulo de libro	1998
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Effective charge on polymer colloids obtained using a renormalization model	Journal of colloid and interface science	Articulo	1998
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Experimental evidence of rearrangement in fractal clusters	Progress in colloid and polymer science	Articulo	1998
Electrokinetic characterization of polystyrene-nonionic surfactant complexes	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1998
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Latex immunoassays: comparative studies on covalent and physical immobilization of antibodies i f(ab ')(2) fragments	Journal of biomaterials science. polymer ed	Articulo	1998
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On the identification of bridging flocculation: and extended collision efficiency model	Progress in colloid and polymer science	Artículo	1998
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Streaming current of polystyrene porous plugs: solvent composition effect	Journal of colloid and interface science	Artículo	1998
Structural characterisation of vapour zn-diffused waveguides in lithium niobate	Journal of crystal growth	Artículo	1998
Study on the colloidal stability mechanisms of acetal-functionalized latexes	Langmuir	Artículo	1998
Surface potential and particle size effect on the rate of perikinetic coagulation	Anales de física	Artículo	1998
Síntesis y caracterización de partículas de látex funcionalizadas para aplicaciones biomédicas	Coloides e interfases	Capítulo de libro	1998
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Aggregation behaviour of protein coated polymer colloids studied by single cluster light scattering	Progress in colloid and polymer science	Artículo	1997
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Determinación de la concentración micelar crítica en tensioactivos silicónicos	Jornadas del comite español de la detergencia	Artículo	1997
Effective interaction potential obtained from experimental structure factors: the inverse problem	Progress in colloid and polymer science	Artículo	1997
Experimental evidence of hydration forces between			

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Experimental evidence regarding the influence of surface charge on the bridging flocculation mechanism	Progress in colloid and polymer science	Articulo	1997
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Experimental study of fractal aggregation by static and dynamic light scattering	Progress in colloid and polymer science	Articulo	1997
Influence of cluster morphology on calculation of the aggregation rate constant in mesoscopic systems	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	1997
Measurement of absolute coagulation rate constants for colloidal particles: comparison of single and multiparticle light scattering techniques	Journal of colloid and interface science	Articulo	1997
Protein co-adsorption on different polystyrene latexes: electrokinetic characterization and colloidal stability	Colloid and polymer science	Articulo	1997
Protein co-adsorption on different polystyrene latexes: electrokinetic characterization and colloidal stability	Colloid and polymer science	Articulo	1997
Repeptization determined by turbidity and photon correlation spectroscopy measurements: particle size effects	Journal of colloid and interface science	Articulo	1997
Single cluster light scattering and photon correlation spectroscopy: two powerful techniques for monitoring cluster aggregation	Progress in colloid and polymer science	Articulo	1997
Axisymmetric drop shape-analysis as a method to study dynamic interfacial tensions	Dynamic properties of interfaces and association structures	Capítulo de libro	1996
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Cluster-size distribution in colloidal aggregation monitored by single-cluster light scattering	Physica a. statistical mechanics and its applications	Articulo	1996
Colloidal stability of polymer colloids with different interfacial properties: mechanisms	Journal of colloid and interface science	Articulo	1996
Concentration dependence of the film pressure of human serum albumin at the water/decane interface	Colloids and surfaces b: biointerfaces	Articulo	1996
Determination of ultralow interfacial-tension by axisymmetrical drop-shape analysis	Acs symposium series	Capítulo de libro	1996
Dynamic scaling in colloidal fractal aggregation: influence of the particle surface charge densities	Progress in colloid and polymer 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
Effect of the particle surface charge density on the colloidal aggregation mechanism	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	1996
Effect of the solvent composition on the electrophoretic coefficient of polymer model colloids	Journal of non-equilibrium thermodynamics	Articulo	1996
Electrokinetic behavior of polystyrene latexes with different surface groups: effect of heat treatment	Journal of colloid and interface science	Articulo	1996
Estudio experimental sobre viscosidad y humectabilidad del ácido ortofosfórico	Journal de la clinica odontologica	Articulo	1996
F(ab ₂)-coated polymer carriers: electrokinetic behavior and colloidal stability	Langmuir	Articulo	1996
Influence of enamel prophylaxis on wettability of three			

Influence of enamel prophylaxis on wettability of three commercially available orthophosphoric acids	Journal of biomedical materials research	Articulo	1996
Influence of heat treatment on the surface properties of functionalized polymer colloids	Progress in colloid and polymer science	Articulo	1996
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Nephelometric assay of immunoglobulin g chemically bound to chloromethyl styrene beads	Polymers for advanced technologies	Articulo	1996
Non-equilibrium electrosurface phenomena: a case of biological interest	Journal of non-equilibrium thermodynamics	Articulo	1996
Optical effects caused by high laser powers in ion-implanted bi4ge3o12 waveguides	Journal of modern optics	Articulo	1996
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
Surface characterization of latexes with different interfacial properties	Colloids and surfaces. a, physicochemical and engineering aspects	Articulo	1996
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Aggregation behavior of f(ab#039;)2 fragments carrying polymer beads	Progress in colloid and polymer science	Articulo	1995
Behavior and stability of lipid mixed monolayers at the air-water interface	Progress in colloid and polymer science	Articulo	1995
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Coadsorption of igg and bsa onto sulfonated polystyrene latex. i. sequential and competitive coadsorption isotherms	Journal of biomaterials science. polymer ed	Articulo	1995
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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#039;)2 fragments adsorbed onto positively and negatively charged	Colloids and surfaces. a, physicochemical	Articulo	1995

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Estabilidad coloidal de interfaces estructuradas: aplicacion a inmunosensores	Universidad de granada. física aplicada	Tesis doctoral	1995
Molecular interactions at biointerfaces: a study of lipid adsorption	Journal of materials science: materials in medicine	Artículo	1995
Molecular rearrangements in lipid monolayers: a study on phase transitions	Short and long chains at interfaces	Capítulo de libro	1995
Molecular rearrangements in lipid monolayers: a study on phase transtitions	Short and long chains at interfase	Artículo	1995
Protein adsorption at the agi-water interface	Journal of colloid and interface science	Artículo	1995
Protein adsorption on polystyrene latex particles	Polymers for advanced technologies	Artículo	1995
Sequential adsorption of f(ab')2 and bsa on negatively and positively charged polystyrene latexes	Biotechnology and bioengineering	Artículo	1995
The temperature dependence of the interfacial tension of aqueous human albumin solution/decane	Colloids and surfaces b: biointerfaces	Artículo	1995
A comparative study on the electrokinetic behavior of bsa molecules adsorbed onto different polymer colloids	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	1994
Adsorption of monoclonal igg on polystyrene microspheres	Colloid and polymer science	Artículo	1994
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Colloid stability of positively charged monodisperse latex in alcohol-water mixtures	Journal of dispersion science and technology	Artículo	1994
Colloidal stability of sulfonated polystyrene model colloids: correlation with electrokinetic data	Colloid and polymer science	Artículo	1994
Effect of surface charge density on the electrosurface properties of positively charged polystyrene beads	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	1994
Electrokinetic characterization and colloidal stability of polystyrene latex particles partially covered by igg/a-crp and m-bsa proteins	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	1994
Estudio de agragacion en fluidos complejos: escalado espacial y temporal. construccion de un dispositivo de deteccion optica individualizada de particulas y empleo de espectroscopia de fotocorrelacion	Universidad de granada. otros departamentos	Tesis doctoral	1994
Influence of electrostatic forces on igg adsorption onto polystyrene beads	Colloids and surfaces b: biointerfaces	Artículo	1994
Activated carbons from a subbituminous coal - pore texture and electrokinetic properties	Carbon	Artículo	1993
Coagulation of polymer colloids by igg molecules	Progress in colloid and polymer science	Artículo	1993
Differential thermal analysis of negatively charged polystyrene latices	Colloid and polymer science	Artículo	1993
Double couche électrique de l'ocd (oxalate calcique dihydrate). comparaison entre les données experimentales et théoriques	Academie des sciences. comptes rendus. serie 2b. mecanique, physique, astronomie	Artículo	1993
Effect of electrolyte type on the electrokinetic behavior of sulfonated polystyrene model colloids	Colloid and polymer science	Artículo	1993
Effect of some inhibitors on the zeta-potential of calcium oxalate monohydrate particles	Progress in colloid and polymer science	Artículo	1993
Electrokinetic behaviour of polystyrene dispersions in methanol-water mixtures	Progress in colloid and polymer science	Artículo	1993

Electrosuperficial properties of calcium oxalate hydrates: crystal growth and ionic reactivity	Solid state ionics	Articulo	1993
Latex aggregation in two dimensions	Progress in colloid and polymer science	Articulo	1993
On the structure of electrical double-layer of igg immobilized on polystyrene microspheres	Journal of biomaterials science. polymer ed	Articulo	1993
On the zeta potential of sulfonated polystyrene model colloids	Progress in colloid and polymer science	Articulo	1993
Sintesis, caracterizacion y aplicacion de coloides polimericos funcionalizados	Universidad de granada. física aplicada	Tesis doctoral	1993
Study of the adsorption of f(ab')2 onto polystyrene latex beads	Colloids and surfaces b: biointerfaces	Articulo	1993
Two-dimensional aggregation of polystyr ene latex particles	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	1993
Adsorcion de proteinas sobre modelos coloidales	Universidad de granada. física aplicada	Tesis doctoral	1992
Effect of anomalous surface conductance on zeta potential determination of positively charged polystyrene microspheres	Journal of colloid and interface science	Articulo	1992
Electrokinetic analysis of the influence of additives on calcium oxalate crystallization	Journal of surface science and technology	Articulo	1992
Estudio de estabilidad de espumas en función de la temperatura.	Ncp. noticias de cosmética y perfumeria	Articulo	1992
Expression of alpha-tropomyosin during cardiac development in the chick embryo	The anatomical record (print)	Articulo	1992
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On some aspects of the adsorption of immunoglobulin-g molecules on polystyrene microspheres	Journal of dispersion science and technology	Articulo	1992
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Thermodynamic study on phase transition in mixed monolayers of cholesterol, lecithin and lithocholic acid	Thin solid films	Articulo	1992
A study of the miscibility of bile components in mixed monolayers at the air-liquid interface. i. cholesterol, lecithin and lithocholic acid	Colloid and polymer science	Articulo	1991
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Calculation of zeta potential by non-equilibrium double layer theory in positive polystyrene model colloids	Journal of non-equilibrium thermodynamics	Articulo	1991
Comportamiento electrocinetico y estabilidad coloidal de dispersiones de poliestireno en mezclas alcohol-agua	Universidad de granada. física aplicada	Tesis doctoral	1991
Electrokinetic characterization and colloid stability of calcium oxalate monohydrate dispersions in the presence of certain inhibitors	Progress in 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
Further studies on the stability of polystyrene suspensions	Acta polymerica	Articulo	1991
Propiedades de interfases de micro cristales de ocm y -d en medios inhibidores y/o promotores de la agregacion	Universidad de granada. física aplicada	Tesis doctoral	1991
Structural and stability analysis of monolayers of some bile acids at the air-aqueous solution interface	Colloids and surfaces	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
The role of z-potential in the colloid stability of calcium oxalate dihydrate dispersions	Colloids and surfaces	Articulo	1991
An improved topical formulation for urea	Die pharmazie	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
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Adsorption-desorption in celestite (s04sr) flotation with a cationic-type collector	Colloids and surfaces	Articulo	1989
Conformational changes of polyglutamic acid adsorbed on cationic polystyrene as characterized by microelectrophoresis technique	Colloid and polymer science	Articulo	1989
Electrokinetic energy conversion in heterogeneous ion-exchange plugs	Journal of non-equilibrium thermodynamics	Articulo	1989
Flotation properties of celestite in aqueous solutions of ionic surfactants	International journal of mineral processing	Articulo	1989
Possible vehicles for rassoul in shampoo formulations	Cosmetics & toiletries (ed. brasil)	Articulo	1989
Potencial zeta y flotación de celestina en disoluciones de oleato sódico	Afinidad: revista de química teórica y aplicada	Articulo	1989
The structural and electrokinetic characterization of an amberlite ionic plug in various acetone- water-urea solutions	Journal of non-equilibrium thermodynamics	Articulo	1989
A study of the electrophoretic properties of montmorillonite particles in aqueous electrolyte solutions	materials chemistry and physics	Articulo	1988
Correlations between adsorption and desorption of ionic collectors on celestite surface and its flotability	Adsorption science & technology	Articulo	1988
On the bulk and surface electric conductivity in montmorillonite suspensions	materials chemistry and physics	Articulo	1988
Sobre el papel de un gel mixto de mucopolisacáridos (highucate/condroitin sulfato) en la reestabilización de	Archivos de la sociedad española de	Articulo	1988

(hialuronato/condroitin sulfato) en la resistencia al flujo del humor acuoso	oftalmología	Artículo	1988
Some experimental data concerning the effect of composition of liquid mixtures (methanol-ethanol) on the electrophoretic coefficient.	Journal of non-equilibrium thermodynamics	Artículo	1988
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Comparative study of estimation methods of tortuosity in ion-exchange plugs.	Journal of non-equilibrium thermodynamics	Artículo	1987
Electroconduction and electrokinetic parameters of ionic plugs. comparison between theoretical and experimental values.	European polymer journal	Artículo	1987
The effect of adsorbed polypeptides on the electrophoretic mobility of positively and negatively charged polystyrene latices.	Journal of colloid and interface science	Artículo	1987
The effect of temperature and alcohol concentration on the viscosity of mixture (n-, sec-, tert-) butyl alcohol-aqueous solutions of n-dodecylammonium chloride	Journal of dispersion science and technology	Artículo	1987
The primary electroviscous effect in monodisperse polystyrene suspensions	Acta polymerica	Artículo	1987
Electrokinetic studies on positively charged polystyrene latices.	Colloids and surfaces	Artículo	1986
Comparative sedimentation and streaming potentials studies for zeta potential determination.	Journal of colloid and interface science	Artículo	1985
Concentration dependence of electrokinetic transport coefficient of non-aqueous binary mixtures through weakly charged porous plugs	Journal of the chemical society. faraday transactions	Artículo	1985
Electrophoretic behaviour of calcium oxalate monohydrate in liquid mixtures	Colloid and polymer science	Artículo	1985
Anomalous electroosmotic flow through a heteroporous ion-exchange membrane. a test based upon the reciprocity relations.	Journal of non-equilibrium thermodynamics	Artículo	1984
Estudio de los procesos de electroósmosis y potencial de flujo en medios porosos inactivos. i.sistema fluorita-agua	Afinidad: revista de química teórica y aplicada	Artículo	1984
Evolución de la agudeza estereoscópica en función del tiempo de observación	Optica pura y aplicada	Artículo	1984
On the concentration dependence of second order phenomenological coefficients of electrokinetic phenomena	Journal of non-equilibrium thermodynamics	Artículo	1984
Aplicación de la teoría general del flujo electrocinético a los procesos de transporte en membranas heterogéneas cambiadoras de iones. determinación de los coeficientes fenomenológicos	Universidad de granada. física aplicada	Tesis doctoral	1983
On the electrokinetic energy conversion in liquid mixtures	Physics letters a	Artículo	1983
On the energy conversion in electrokinetic processes with multicomponent mixtures	Journal of colloid and interface science	Artículo	1983
Stereoscopic acuity as a function of chromatic light illumination	Atti della fondazione giorgio ronchi	Artículo	1983
Concentration dependence of transport coefficients of	Journal of non-equilibrium	Artículo	1983

binary and ternary mixtures through inactive membranes	thermodynamics	Articulo	1982
Dependence of the electrokinetic coefficients on the composition of the binary liquid mixture	Physicochemical hydrodynamics	Articulo	1982
Irreversible thermodynamics of transport processes through porous media composed of particles of different size	Journal of colloid and interface science	Articulo	1981
Non-equilibrium thermodynamics of streaming potentials and electroosmotic flows in weakly charged membranes with different structural conformations	Journal of non-equilibrium thermodynamics	Articulo	1981
Electroosmotic transport of liquid mixtures of ethanol-water and 2-propanol water through porous diaphragms	Journal of colloid and interface science	Articulo	1980
Non-linear coefficients for electroosmotic transport of alcohols through porous diaphragms	Journal of non-equilibrium thermodynamics	Articulo	1980
Determination of the electrokinetic coefficient λ_{12} from sedimentation potential measurements	Journal of non-equilibrium thermodynamics	Articulo	1979
Potencial de sedimentación del cuarzo en medio acuoso. determinación de coeficientes fenomenológicos	Anales de física	Articulo	1979

	Titulo proyecto	Tipo	Inicio	Fin
1	Tresmiles de sierranevada.	Contrato	10/11/12	6/10/22
2	Dinamica de particulas en microsistemas magnetofluidicos	Proyecto	10/30/16	12/29/19
3	'interacciones y propiedades colectivas de sistemas de materia blanda basados en nanogeles/microgeles de interes en nanotecnologia'	Proyecto	10/30/16	12/29/19
4	Diseño de nanocasulas inteligentes de aceite de oliva para administracion oral: sintesis, caracterizacion fisico-quimica y digestion in-vitro	Proyecto	10/1/16	12/31/18
5	Investigacion y desarrollo de nuevas espumas terapeuticas	Proyecto	10/1/17	9/1/18
6	Diseño y caracterizacion asistida por simulaciones de suspensiones magneticas abrasivas para pulido de alta precision	Proyecto	10/1/15	8/31/18
7	Ensayos y micrografías de una serie de muestras de naturaleza híbrida y nanopartículas entregadas por industrias kolmer, s.a.	Contrato	10/1/15	8/31/18
8	Autoensamblado y comportamiento en flujo de fluidos magneto-reologicos fuertemente confinados	Proyecto	10/1/14	6/30/18
9	Desarrollo de un nuevo respaldo integral de asiento de automóvil mediante nuevas tecnologías de sobreinyección (despega).	Contrato	10/1/16	2/15/18
10	Diseño de recubrimientos anti-adherentes mejorados (nonsticky+)	Proyecto	10/30/14	1/30/18
11	Relación entre propiedades físico-químicas de sistemas coloidales y su eficacia en aplicaciones nanobiomédicas	Proyecto	10/1/14	12/31/17
12	Diseño y preparación de superficies repelentes de líquidos operando en condiciones extremas	Proyecto	10/1/15	12/31/17
13	Diseño y preparacion de superficies repelentes de liquidos operando en condiciones extremas	Proyecto	10/1/15	12/31/17
14	Second stage of research and development project to prevent and/or reduce icing of the installations of sierra nevada ski resort	Contrato	10/20/16	10/31/17
15	[motriz] dinámica de fluidos magneto-reológicos en la microescala	Proyecto	10/27/13	9/1/17
16	Erasmus mundus - al idrisi ii: a scholarship scheme for exchange and cooperation between europe and north africa	Proyecto	10/15/13	7/14/17
17	Nanochroma - magnetically tunable nano-chromatographic columns: towards a revolutionary new class of analytical separation micro-devices	Proyecto	10/11/16	5/12/16
18	Medida de propiedades interfaciales de mezclas de azufre-bentonita.	Contrato	10/18/15	1/31/16
19	Tratamientos superficiales antihielo requeridos para infraestructuras de la estación de esquí de sierra nevada que minimicen impactos medioambientales en el parque nacional de sierra nevada (antiicingcoatings4sierranevada)	Proyecto	10/1/15	12/31/15
20	¿to prevent and/or reduce icing of the installations of sierra nevada ski resort¿	Contrato	10/1/14	12/31/15
21	Estructura e interacciones en sistemas de nanoparticulas blandas (nanogeles y liposomas)	Proyecto	10/1/13	12/31/15
22	Propiedades mecánicas de interfases lipídicas: estudio experimental y simulaciones atomísticas	Proyecto	10/1/15	12/31/15
23	Biofísica de las interfases de ácido fosfatídico	Proyecto	10/1/15	12/31/15
24	Medida de propiedades interfaciales de azufre fundido.	Contrato	10/1/15	9/30/15
25	Erasmus mundus - al idrisi: a scholarship scheme for exchange and cooperation between europe and the maghreb	Proyecto	10/15/11	7/14/15
26	Diseño y caracterización de emulsiones para su aplicación en alimentación. estudios de digestibilidad in vitro, en el marco del proyecto el aceite de oliva y otras grasas saludables. aplicaciones tecnológicas para su transformación en productos de al	Contrato	10/1/13	3/31/15
27	Contrato entre industrias kolmer y la universidad de granada	Contrato	10/1/13	12/31/14
28	Ensayos y microfotografías de una serie de muestras de naturaleza polimérica y nanopartículas, entregadas por industrias kolmer, s.a.	Contrato	10/8/13	12/31/14
29	Interacciones celula-superficie en implantes biomimeticos de titanio	Proyecto	10/1/12	12/31/14

30	Ensayos y microfotografías de una serie de muestras de naturaleza polimérica y nanopartículas, entregadas por industrias kolmer, s.a.	Contrato	10/8/13	12/31/14
31	Interacciones celula-superficie en implantes biomimeticos de titanio	Proyecto	10/1/12	12/31/14
32	Aplicación de los fenómenos hofmeister al estudio de proteínas alérgenas de interés biotecnológico	Proyecto	10/1/11	12/31/14
33	Síntesis, caracterización y aplicaciones de nanopartículas de janus	Proyecto	10/6/11	7/5/14
34	Curso de fenómenos interfaciales en la explotación de yacimientos petrolíferos (parte 2) 4º edición.	Contrato	10/11/14	6/17/14
35	Propiedades fisicoquímicas de complejos mesoscópicos de interés biotecnológico	Proyecto	10/1/10	1/31/14
36	Dispersiones coloidales alimentarias con potenciales beneficios en salud	Proyecto	10/1/13	12/31/13
37	Fluidos magneto-reologicos confinados	Proyecto	10/1/11	12/31/13
38	Caracterización físico-química de sistemas coloidales de interés antitumoral: transporte y vectorización de fármacos y genes	Proyecto	10/1/10	10/31/13
39	Colloidal aspects of lipid digestion: the physics behind healthier food	Proyecto	10/1/10	8/30/13
40	Erasmus mundus external cooperation window for lot 17 (brazil, paraguay and uruguay): monesia - mobility network europe-southamerica: an institutional approach	Proyecto	10/15/09	7/14/13
41	Erasmus mundus external cooperation window lot 19b: ánimo, ¡chévere! academic network for international mobility: cuba, chile, ecuador, venezuela and europe reaching for excellence	Proyecto	10/1/09	6/30/13
42	Impartir una acción de enseñanza de especialización denominada "curso de fenómenos interfaciales en la explotación de yacimientos petrolíferos (parte 1) 3ª edición";	Contrato	10/10/13	6/14/13
43	Curso avanzado sobre tribología y reología en película delgada de fluidos de perforación	Contrato	10/6/13	5/17/13
44	Materiales vítreos y mezclas binarias formados con nanogeles y nanopartículas blandas	Proyecto	10/1/10	12/31/12
45	Nanosystems with biomedical applications. nanobiomed.	Proyecto	10/10/12	12/31/12
46	Estudio de estabilidad y adhesión de ligantes coloidales especiales de altas prestaciones adaptados a la normativa medioambiental para pinturas insecticidas y estudio de estabilidad y adhesión de ligantes coloidales obtenidos mediante nanotecnología	Contrato	10/1/10	5/31/12
47	Impartir una acción de enseñanzas de especialización/actividades específicas de formación denominada "curso de fenómenos interfaciales en la explotación de yacimientos petrolíferos (parte1)-2ª edición";	Contrato	10/9/12	4/13/12
48	Bases coloidales de la nanotecnología	Proyecto	10/1/08	1/31/12
49	Fluidos complejos confinados en valverde interfases curvas	Proyecto	10/1/08	1/31/12
50	Caracterización físico-química y biomédica de nanoemulsiones: nuevos fármacos para el tratamiento de desórdenes alimenticios	Proyecto	10/1/08	1/31/12
51	Adhesión de ligantes coloidales para pinturas	Proyecto	10/13/09	1/13/12
52	Interacciones celula-superficie en implantes bioactivos de titanio y circonio	Proyecto	10/1/11	12/31/11
53	Diseño razonado de emulsiones bituminosas catiónicas mejoradas para pavimentación de carreteras (dreb)	Proyecto	10/1/06	5/30/11
54	Tribo-reología de nuevos fluidos mr	Proyecto	10/1/10	12/31/10
55	Estabilidad y agregación tridimensional de vesículas lipídicas de interés biológico.	Proyecto	10/1/05	10/30/10
56	Mojabilidad de materiales de interes biomedico	Proyecto	10/1/07	9/30/10
57	Caracterizacion fisico-quimica e interfacial de sistemas coloidales integrados por lipidos estructurados sintetizados por nuevos metodos enzimaticos	Proyecto	10/1/07	8/30/10
58	Acción integrada hispano-francesa	Proyecto	10/1/08	12/31/09
--	Propiedades eléctricas. estructurales v dinamicas de dispersiones de			

59	nanoparticulas con aplicaciones biotecnologicas	Proyecto	10/1/06	9/30/09
60	Materiales de aplicacion nano y biotecnologica: tribo-reologia de fluidos magneticos	Proyecto	10/1/06	9/30/09
61	Estructuras y propiedades de sistemas coloidales en 2- y 3- d	Proyecto	10/1/06	2/28/09
62	Influencia de la cristalización de la parafina en la capacidad impermeabilizante del tablero de aglomerado	Contrato	10/11/07	1/10/09
63	Influencia del tratamiento térmico en la capacidad impermeabilizante de las emulsiones de parafina	Proyecto	10/19/06	12/18/08
64	Estabilidad y adhesión de ligantes coloidales para pinturas	Contrato	10/7/06	11/6/08
65	lii international workshop bubble and drop interfaces	Proyecto	10/1/07	12/31/07
66	Estudio teorico experimental de las interacciones en las interfases material biologico-no biologico y su dependencia de las variables fisico-quimicas.	Proyecto	10/13/04	12/13/07
67	Red temática colinter	Proyecto	10/1/06	9/30/07
68	Tribo-rheology of nanosized mr-fluids	Proyecto	10/31/05	8/30/07
69	Caracterización físico-química de interfases y emulsiones constituidas por glicéridos estructurados enriquecidos en ácidos grasos insaturados y poliinsaturados	Proyecto	10/13/04	12/13/06
70	Caracterización fisico-química de interfases y emulsiones constituidas por glicéridos estructurados enriquecidos en ácidos grasos insaturados y poliinsaturados	Proyecto	10/13/04	12/13/06
71	Grupo de polímeros y coloides	Proyecto	10/1/00	12/31/05
72	Measuring complex fluids in thin lubricating films between soft surfaces	Contrato	10/1/03	2/28/05
73	Cinética de la rotura de las emulsiones bituminosas	Contrato	10/1/04	12/31/04
74	Influencia del origen de crudo en las emulsiones bituminosas catiónicas	Proyecto	10/27/03	12/31/04
75	Propiedades funcionales de proteínas, polipetidos y fosfolípidos y su aplicación en la mejora y optimización de formulaciones alimentarias y diseño de alimentos específicos	Proyecto	10/28/01	12/27/04
76	Tratamiento de la superficie dentaria para la mejora de sus biopropiedades adhesivas: sistemas adhesivos autograbadores. estudio de las interfases dentina-adhesivo, esmalte-adhesivo	Proyecto	10/28/01	12/27/04
77	Ayuda acción coordinada de grupos de investigación de andalucía	Proyecto	10/1/03	11/1/04
78	Influencia de la parafina y emulgentes en la impermeabilización de los tableros de alomerado	Contrato	10/1/02	1/1/04
79	Cinética de la rotura de las emulsiones bituminosas	Contrato	10/1/03	12/31/03
80	Análisis del tamaño de partículas coloidales mediante espectroscopía de fotocorrelación (pcs)	Contrato	10/1/02	12/31/03
81	Estabilidad, agregación y propiedades dieléctricas de dispersiones coloidales.	Proyecto	10/28/00	12/27/03
82	Síntesis y aplicación de nuevos polimeros coloidales funcionalizados en la detección de analitos de interés clínico	Proyecto	10/31/99	12/31/02
83	Mecanismos de rotura y adhesividad de las emulsiones bituminosas	Contrato	10/1/02	12/31/02
84	Informe pericialen el procedimiento del juicio verbal 614/2000 en el juzgado de 1ª instancia nº 1 de granada	Contrato	10/1/02	4/30/02
85	Caracterizacion superficial de titanio. mediciones de angulo de contacto y energía superficial de 4 muestras	Contrato	10/22/02	4/22/02
86	Estudio fisicoquimico de emulsiones bituminosas cationicas	Contrato	10/1/98	12/31/01
87	Tramiento de superficies dntinaria para la mejora de sus biopropiedades adhesivas: desproteinizacion y ablacion laser. estudio de la interfase dentina-adhesivo	Proyecto	10/1/98	12/13/01
88	Tratamiento de la superficie dentinaria para la mejora de sus biopropiedades adhesivas: desproteinización y ablación lase. estudio de la interfase dentina adhesivo	Proyecto	10/1/98	9/30/01

89	Nuevas aplicaciones de la tecnología de micropartículas poliméricas en el inmunodiagnóstico	Proyecto	10/1/99	1/1/01
90	Red alhambra	Proyecto	10/1/98	1/1/01
91	Físico-química de las emulsiones bituminosas cationicas	Proyecto	10/1/98	1/1/01
92	Estabilidad coloidal en fluidos de matriz polimérica	Proyecto	10/1/97	7/31/00
93	Transiciones re-entrantes. transición vítrea. física de los sistemas desordenados	Proyecto	10/1/99	1/1/00
94	Estudio de las emulsiones preparadas por luresa	Contrato	10/1/99	1/1/00
95	Síntesis, caracterización y aplicaciones de nuevos polímeros coloidales funcionalizados en la obtención de reactivos de inmunodiagnóstico.	Proyecto	10/1/96	6/30/99
96	Síntesis, caracterización y aplicaciones de nuevos polímeros coloidales funcionalizados en la obtención de reactivos de inmunodiagnóstico	Proyecto	10/1/96	6/30/99
97	Síntesis, caracterización y aplicaciones de nuevos polímeros coloidales funcionalizados en la obtención de reactivos de inmunodiagnóstico	Proyecto	10/1/96	6/30/99
98	IV conferencia europea sobre líquidos	Proyecto	10/17/96	2/17/99
99	Estudio de la suspensión luster 850	Contrato	10/1/98	1/1/99
100	Monolayer studies of lipids and biopolymers at liquid interfaces: ionophore peptides and virus fusion peptides	Proyecto	10/1/97	1/1/99
101	Adsorción de proteínas sobre superficies sólidas: aplicaciones biotecnológicas	Proyecto	10/1/97	1/1/99
102	Estabilidad coloidal en fluidos de matriz polimérica: aplicaciones tecnológicas	Proyecto	10/1/97	1/1/99
103	Tratamiento de la superficie dentinaria para la mejora de sus biopropiedades adhesivas	Proyecto	10/1/95	7/1/98
104	Tratamiento de la superficie dentaria para la mejora de sus biopropiedades adhesivas: interfase dentina-resina compuesta	Proyecto	10/1/95	1/1/98
105	Diseño de un sistema óptico para inmunoensayos de aglutinación de partículas	Contrato	10/1/93	1/1/98
106	Comportamiento complejo en líquidos formadores de vidrios y mezclas binarias	Proyecto	10/1/97	1/1/98
107	Procesos de agregación en materiales poliméricos	Proyecto	10/1/95	12/31/97
108	Procesos de agregación en materiales poliméricos: interacciones lípidos-proteínas	Proyecto	10/1/94	1/1/97
109	Uso y aplicaciones de la movilidad electroforética de sistemas dispersos con la técnica de zeta-sizer IV	Contrato	10/1/93	3/1/94
110	Nuevas aplicaciones en materiales de matriz polimérica en inmunodiagnóstico de proteínas contractiles post-isquemia cardiaca: estabilidad y compatibilidad	Proyecto	10/1/90	12/1/93
111	Determinación del tamaño de partículas para detección de sustancias en disolución	Contrato	10/1/90	1/1/93
112	Efecto de las características químico-físicas del látex, de la proteína y, de las condiciones de adsorción en la obtención de reactivo Igg-latex monodisperso	Contrato	10/1/88	1/1/89
113	Estabilidad coloidal en presencia de micelas de tensioactivo lineales	Proyecto	1/1/07	
114	Los 10 experimentos más bonitos de la física: laboratorio de divulgación científico-tecnológica	Proyecto	6/30/04	
115	Difusión y divulgación	Proyecto	6/30/04	
116	Nuevas estructuras coloidales con materiales nanoparticulados	Proyecto	12/31/03	
117	Tratamiento de la superficie dentinaria para la mejora de sus biopropiedades adhesivas: sistemas adhesivos autograbadores. estudio de las interfases dentina-adhesivo, esmalte-adhesivo	Proyecto	1/1/01	
118	Sistemas coloidales complejos constituidos por tensioactivos de base azucarada	Proyecto	12/19/07	
119	Estudio de las emulsiones parafínicas	Contrato	10/1/02	
120	El péndulo y el giroscopio de Foucault. los otros	Proyecto	1/1/03	
121	Infraestructura científica: microscopio de fuerzas atómicas	Proyecto	7/4/02	
	Caracterización físico-química de partículas de quitosano empleadas como			

122	Caracterización físico química de partículas de quitosano empleadas como transportadores de medicamentos	Proyecto	12/31/03
123	Red colinter	Proyecto	1/1/07

Actividades 41

Titulo actividad	Entidad	Tipo	Fecha
Participación en: grupo especializado de coloides e interfases (real sociedad española de física y real sociedad española de química)	Real sociedad española de física y real sociedad española de química	Comité científico en sociedad ci	Jan 1, 2004
Participación en: grupo especializado de coloides e interfases (real sociedad española de física)	Real sociedad española de física	Comité científico en sociedad ci	Jun 5, 2003
Participación en: miembro de la sociedad mexicana de ingeniería molecular (instituto mexicano del petróleo)	Instituto mexicano del petróleo	Comité científico en sociedad ci	Jun 10, 2001
Participación en: miembro numerario de la rsef y de la eps (european physycal society)	European physycal society	Comité científico en sociedad ci	Oct 1, 1979
Participación en: deutsche physikalische gesellschaft ()	Deutsche physikalische gesellschaft	Comité científico en sociedad ci	Jan 8, 1991
Participación en: real sociedad española de física y química ()		Comité científico en sociedad ci	Apr 3, 2009
Participación en: grupo especializado de coloides e interfases ()		Comité científico en sociedad ci	Jan 1, 2007
Participación en: tribunal de pruebas de conjunto en la etsie ()		Comité científico en sociedad ci	Jan 1, 2010
Participación en: grupo español de reología ()		Comité científico en sociedad ci	Nov 6, 2009
Participación en: society of rheology ()		Comité científico en sociedad ci	Jan 1, 2006
Participación en: comisión asesora de la universidad de granada en el parque de la ciencia de granada ()		Comité científico en sociedad ci	Jan 1, 2009
Participación en: international association of colloid and interface science ()		Comité científico en sociedad ci	Jan 1, 2009
Participación en: miembro de la real sociedad española de física. grupo especializado coloides e interfases. ()		Comité científico en sociedad ci	Jan 1, 2007
Participación en: grupo especializado de coloides e interfases (real sociedad española de física)	Real sociedad española de física	Comité científico en sociedad ci	Dec 14, 2001
Participación en: i jornada de transferencia de tecnología ()		Comité científico en sociedad ci	Jun 1, 2006
Participación en: ii jornada de transferencia de tecnología ()		Comité científico en sociedad ci	Jun 1, 2007

Participación en: iv liquid matter conference ()		Comité científico en sociedad ci	Jul 3, 1999
Participación en comité de revista: world journal of nano science and engineering		Comités científicos de revista	Jan 1, 2004
Participación en comité de revista: the open colloid science journal		Comités científicos de revista	Jan 1, 2004
Participación en comité de revista: international journal of liquid state sciences		Comités científicos de revista	Jan 1, 2004
Participación en comité de revista: the open physical chemistry journal		Comités científicos de revista	Jan 1, 2004
Participación en comité de revista: soft matter		Comités científicos de revista	Jan 1, 2006
Revisora de revistas		Experiencia en evaluación	Jan 1, 2011
Pertenencia al grupo pai-fqm115		Grupos y equipos de investigació	Sep 7, 2005
Evaluador de la agencia nacional de evaluación y prospectiva	Anep	Experiencia en evaluación	Jan 1, 2009
Evaluador del partnership programme - joint applied research projects - pcca 2011 para la romanian national council for research and development.		Experiencia en evaluación	Dec 1, 2011
Evaluador de la agencia aneca		Experiencia en evaluación	Oct 1, 2011
Grupo especializado de coloides e interfases	Real sociedad española de física	Comité científico en sociedad ci	Jun 14, 2000
Colaboracion con abraham marmur del "teknion-israel institute of technology		Colaboración con centros i+d	Jan 1, 2010
Estancia predoctoral en la universidad de oxford		Colaboración con centros i+d	Sep 1, 2007
Estancia predoctoral en la universidad de nottingham		Colaboración con centros i+d	Sep 1, 2008
6th iberian meeting on colloids and interfaces (rici6)		Comité científico en sociedad ci	Jul 8, 2015
Panel expertos acreditación catedráticos aneca	Aneca	Experiencia en evaluación	May 14, 2015
Participación en: american physical society ()		Comité científico en sociedad ci	Nov 1, 2005
		Comité	Nov

Socio real sociedad española de física		Comité científico en sociedad ci	1, 2008
Socio real sociedad española de física		Comité científico en sociedad ci	Jan 1, 2007
Socio real sociedad española de física		Comité científico en sociedad ci	Jun 1, 2007
Participación en: sociedad española de materiales ()		Comité científico en sociedad ci	Jan 1, 2009
Participación en: marie curie fellowship association ()		Comité científico en sociedad ci	Mar 1, 2003
Secretario del tribunal de la tesis doctoral de diego noguera marin		Experiencia en evaluación	Feb 27, 2015
Secretario de tribunal de ramez zahran		Experiencia en evaluación	Mar 16, 2017

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