

Física Aplicada

Áreas de conocimiento: Física Aplicada

Director: Jorge Andrés Portí Durán

Secretaria: María Tirado Miranda

Página web: <http://fisicaaplicada.ugr.es/>

Profesorado: CU: 18, PTU: 20, PE: 1, PAyD: 1, PDI Contratado y Otros: 20+20.

Tesis leídas

- Caracterización y evaluación del paisaje sonoro para su gestión en entornos monumentales históricos. Aplicación en la Alhambra de Granada.

Doctorando: Germán Pérez Martínez

Director: Diego Pablo Ruiz Padillo

Fecha de lectura: 29/09/2017

- Climate-change Projections in the Iberian Peninsula: a Study on the Hydrological Impacts

Doctorando: Matilde María del Valle García-Valdecasas

Directoras: Yolanda Castro Díez y María Jesús Esteban Parra

Fecha de lectura: 05/06/2018

- Hidrogeles magnéticos para aplicaciones biomédicas: estudio de su biocompatibilidad y propiedades viscoelásticas.

Doctorando: Ana Belén Bonhome Espinosa

Directoras: Modesto Torcuato López López, Juan de Dios García López-Durán

Fecha de lectura: 21/12/2017

Grupos de Investigación.

TWP232 ACÚSTICA Y DIAGNÓSTICO DE MATERIALES Y ESTRUCTURAS

- Responsable: ANTOLINO GALLEGO MOLINA

RNM286 CLIMATOLOGIA URBANA Y CAMBIO CLIMATICO

- Responsable: JUAN IGNACIO JIMENEZ JIMENEZ

FQM115 FISICA DE FLUIDOS Y BIOCOLOIDES

- Responsable: MIGUEL ANGEL CABRERIZO VÍLCHEZ

RNM119 FÍSICA DE LA ATMÓSFERA

- Responsable: YOLANDA CASTRO DÍEZ

FQM254 FISICA DE LA INFORMACION Y DE LOS SISTEMAS COMPLEJOS

- Responsable: RAMON ROMAN ROLDAN

TIC104 SISTEMAS, SEÑALES Y ONDAS

- Responsable: M^ª DEL CARMEN CARRIÓN PÉREZ

Dirección y participación en Proyectos I+D

- 2017 Desarrollo del subsistema de potencia para CubeSats y NanoSatélites, , 01/01/2017-31/12/2018

Investigador/a GUILLERMO RAMÓN IGLESIAS SALTO

- 2017 Evaluación del impacto del aerosol atmosférico en la precipitación en Sierra Nevada (ASCENT), ,

01/01/2017-31/12/2019

Coordinador ALBERTO CAZORLA CABRERA

- 2017 Investigación y Desarrollo de nuevas espumas terapéuticas, Competitivo, 01/09/2017-01/09/2018

Responsable JULIA MALDONADO VALDERRAMA

- 2017 ¿ Evaluación de la cultura estadística para enfrentarse a la sociedad de la información. La alfabetización

estadística en España., , 01/01/2017-31/03/2018

Participante JOSÉ ANTONIO GARZÓN GUERRERO

Publicaciones en revistas

- 2018 Artículo: Experimental validation of a CFRP laminated/ fabric hybrid layout for retrofitting and repairing timber beams, Mechanics of Advanced Materials and Structures, , , 1-8

ANTOLINO GALLEGO MOLINA

CHIHAB ABARKANE

ELISABET SUÁREZ VARGAS

FRANCISCO JOSÉ RESCALVO FERNÁNDEZ

- 2018 Artículo: Gas exchange at whole plant level shows that a less conservative water use is linked to a higher

performance in three ecologically distinct pine species., Environmental Research Letters, 13, 4, -

ENRIQUE PEREZ SANCHEZ-CAÑETE

- 2018 Artículo: Electric Birefringence of carbon nanotubes: single- vs double-walled, Carbon, 126, , 77-84

MARIA LUISA JIMENEZ OLIVARES

PALOMA ARENAS GUERRERO

- 2018 Artículo: MULTIIONIC EFFECTS ON THE CAPACITANCE OF POROUS ELECTRODES, Physical Chemistry

- Chemical Physics, 20, 7, 5012-5020
ANGEL VICENTE DELGADO MORA
GUILLERMO RAMÓN IGLESIAS SALTO
MARÍA DEL MAR FERNÁNDEZ MARTÍNEZ-REY
MARIA LUISA JIMENEZ OLIVARES
PALOMA ARENAS GUERRERO
SILVIA ALEJANDRA AHUALLI YAPUR
- 2018 Artículo: Impacts of hydraulic redistribution on grass-tree competition versus facilitation in a semiarid savanna, *New Phytologist*, 215, 4, 1451-1461
ENRIQUE PEREZ SANCHEZ-CAÑETE
- 2018 Artículo: Can land degradation drive differences in the C exchange of two similar semiarid ecosystems?, *Biogeosciences*, 15, , 263-278
ANDREW STEPHEN KOWALSKI
ENRIQUE PEREZ SANCHEZ-CAÑETE
- 2018 Artículo: A new empirical model to estimate hourly diffuse photosynthetic photon flux density, *Atmospheric Research*, 203, , 189-196
INMACULADA FOYO MORENO
LUCAS ALADOS ARBOLEDAS
- 2018 Artículo: Albumin-covered lipid nanocapsules exhibit enhanced uptake performance by breast tumor cells, *Colloids and Surfaces B: Biointerfaces*, 165, , 103-110
AIXA MARÍA AGUILERA GARRIDO
FRANCISCO GALISTEO GONZÁLEZ
- 2018 Artículo: NANO-ENGINEERING OF BIOMEDICAL PREDNISOLONE LIPOSOMES: EVALUATION OF THE CYTOTOXIC EFFECT ON HUMAN COLON CARCINOMA CELL LINES, *Journal of Pharmacy and Pharmacology*, 70, , 448-497
ANGEL VICENTE DELGADO MORA
- 2018 Artículo: Evidence of electrostatic-enhanced depletion attraction in the structural properties and phase behavior of binary charged colloidal suspensions, *Soft Matter*, 14, , 1355-1364
ARTURO MONCHO JORDÁ
CATALINA E. HARO PEREZ
- 2018 Artículo: Direct determination of forces between charged nanogels through coarse-grained simulations, *Physical Review E*, 97, 042608, 1-7
ALBERTO MARTÍN MOLINA
ARTURO MONCHO JORDÁ
- 2018 Artículo: Maximizing the absorption of small cosolutes inside neutral hydrogels: steric exclusion versus hydrophobic adhesion, *Physical Chemistry Chemical Physics*, 20, 4, 2814-2825
ALBERTO MARTÍN MOLINA
ARTURO MONCHO JORDÁ
- 2018 Artículo: Soil water content effects on net ecosystem CO₂ and actual evapotranspiration in a Mediterranean semiarid savanna of Central Chile, *Scientific Reports*, 8, 8570, -
ANDREW STEPHEN KOWALSKI
- 2017 Artículo: Synthesis, characterization and in vivo evaluation of biocompatible ferrogels, *Journal of Magnetism and Magnetic Materials*, 431, , 110-114
JUAN DE DIOS GARCÍA LÓPEZ-DURÁN
LAURA RODRIGUEZ ARCO
MODESTO TORCUATO LÓPEZ LÓPEZ
- 2017 Artículo: Forces between different latex particles in aqueous electrolyte solutions measured with the colloidal probe technique, *Microscopy Research and Technique*, 80, 1, 144-155
FRANCISCO JAVIER MONTES RUIZ-CABELLO
- 2017 Artículo: Novel TMS coils designed using an inverse boundary element method, *Physics in Medicine and Biology*, 62, 1, 73-90
DAVID BLANCO NAVARRO
- 2017 Artículo: Synthesis and characterization of magnetic chitosan microspheres as low-density and low-biototoxicity adsorbents for lake restoration, *Chemosphere*, 571, , 571-579
JUAN DE VICENTE ALVAREZ-MANZANEDA
- 2017 Artículo: Origin and pathways of the mineral dust transport to two Spanish EARLIENT sites: Effect on the observed columnar and range-resolved dust optical properties, *Atmospheric Research*, 187, , 69-83
HASSAN LYAMANI
JUAN LUIS GUERRERO RASCADO
LUCAS ALADOS ARBOLEDAS
- 2017 Artículo: Spatial and temporal variability of carbonaceous aerosols: Assessing the impact of biomass burning in the urban environment, *Science of the Total Environment*, 578, , 613-625
ALBERTO CAZORLA CABRERA

- FRANCISCO JOSE OLMO REYES
HASSAN LYAMANI
JUAN ANDRES CASQUERO VERA
LUCAS ALADOS ARBOLEDAS
- 2017 Articulo: The evaluation problem in discrete semi-hidden Markov models, *Mathematics and Computers in Simulation*, 137, , 350-365
DAVID BLANCO NAVARRO
JUAN FRANCISCO GOMEZ LOPERA
RAMON ROMAN GALVEZ
RAMON ROMAN ROLDAN
- 2017 Articulo: Interactions of organic ions with proteins, *Soft Matter*, 13, , 1120-1131
DELFINA BASTOS GONZÁLEZ
- 2017 Articulo: Validation of integrated water vapor from OMI satellite instrument against reference GPS data at the Iberian Peninsula, *Science of the Total Environment*, 580, , 857-864
ROBERTO ROMAN DIEZ
- 2017 Articulo: Microphysical characterization of long-range transported biomass burning particles from North America at three EARLINET stations, *Atmospheric Chemistry and Physics*, 17, , 5931-5946
JOSE ANTONIO BENAVENT OLTRA
JUAN LUIS GUERRERO RASCADO
LUCAS ALADOS ARBOLEDAS
- 2017 Articulo: Assessment of the radiative effects of aerosols in an on-line coupled model over the Iberian Peninsula, *Atmospheric Chemistry and Physics*, 17, , 277-296
JUAN LUIS GUERRERO RASCADO
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- 2017 Articulo: Net ecosystem CO₂ exchange in an irrigated olive orchard of SE Spain: influence of weed cover, *Agriculture, Ecosystems & Environment*, 239, , 51-64
ANDREW STEPHEN KOWALSKI
ENRIQUE PEREZ SANCHEZ-CAÑETE
- 2017 Articulo: Schumann resonances at Mars: effects of the day-night asymmetry and the dust loaded ionosphere, *Geophysical Research Letters*, , , 1-9
GREGORIO MOLINA CUBEROS
JORGE PORTÍ DURÁN
- 2017 Articulo: Thermo-responsive microgels at the air-water interface: the impact of the swelling state on interfacial conformation, *Soft Matter*, 13, 1, 230-238
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- 2017 Articulo: Subterranean ventilation of allochthonous CO₂ governs net CO₂ exchange in a semi-arid Mediterranean grassland, *Agricultural and Forest Meteorology*, 234, 235, 115-116
ANDREW STEPHEN KOWALSKI
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- 2017 Articulo en prensa: Synthesis and interfacial activity of PMMA/PtBMA Janus and homogeneous nanoparticles at water/oil interfaces, *Colloids and Surfaces. A, Physicochemical and Engineering Aspects*,
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- 2017 Articulo: Folic acid-decorated and PEGylated PLGA nanoparticles for improving the antitumour activity of 5-fluorouracil., *International Journal of Pharmaceutics*, 516, (1-2), :61-70
ANGEL VICENTE DELGADO MORA
- 2017 Articulo: Evaluation of eddy covariance latent heat fluxes with independent lysimeter and sapflow estimates in a Mediterranean savannah ecosystem, *Agricultural and Forest Meteorology*, 236, , 87-99
ANDREW STEPHEN KOWALSKI
- 2017 Articulo: Black carbon radiative forcing derived from AERONET measurements and models over an urban location in the southeastern Iberian Peninsula, *Atmospheric Research*, 191, , 44-56
ARTURO GABRIEL QUIRANTES SIERRA
LUCAS ALADOS ARBOLEDAS
- 2017 Articulo: Geometrical properties of materials for energy production by salinity exchange., *Environmental Chemistry (Collingwood, Vic. Print)*, , , -
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SILVIA ALEJANDRA AHUALLI YAPUR

- 2017 Artículo: Dynamic electrophoretic mobility and electric permittivity of concentrated suspensions of plate-like gibbsite particles, *Journal of Colloid and Interface Science*, 502, , 112-121

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MARIA LUISA JIMENEZ OLIVARES

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- 2017 Artículo: Mechanical loading influences the viscoelastic performance of the resin-cariou dentin complex., *Biointerphases: a journal of biomaterials and biological interfaces*, 12, 2, 021001-

MODESTO TORCUATO LÓPEZ LÓPEZ

- 2017 Artículo: Towards a universal master curve in magnetorheology, *Smart Materials and Structures*, 26, 5, 054001-

JUAN DE VICENTE ALVAREZ-MANZANEDA

ROQUE HIDALGO ALVAREZ

- 2017 Artículo: Towards super-nontstick aluminized steel surfaces, *Progress in Organic Coatings*, 109, , 135-143

FRANCISCO JAVIER MONTES RUIZ-CABELLO

MIGUEL ANGEL CABRERIZO VÍLCHEZ

MIGUEL ANGEL RODRÍGUEZ VALVERDE

- 2017 Artículo: Aggregation kinetics of carbonyl iron based magnetic suspensions in 2D, *Soft Matter*, 13, , 2677-2685

JOSÉ RAFAEL MORILLAS MEDINA

JUAN DE VICENTE ALVAREZ-MANZANEDA

- 2017 Artículo: Effect of particle concentration on the microstructural and macromechanical properties of biocompatible magnetic hydrogels, *Soft Matter*, 13, 16, 2928-2941

JUAN DE DIOS GARCÍA LÓPEZ-DURÁN

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- 2017 Artículo: On the effect of wall slip on the determination of the yield stress of magnetorheological fluids, *Applied Rheology*, 27, 1, 15001-1-15001-8

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- 2017 Artículo: Describing magnetorheology under a colloidal glass approach, *Physical Review E*, 95, 052601, 1-9

JUAN DE VICENTE ALVAREZ-MANZANEDA

ROQUE HIDALGO ALVAREZ

- 2017 Artículo: Effect of surface roughness on the magnetic interaction between micron-sized ferromagnetic particles: finite element method calculations, *Journal of Intelligent Material Systems and Structures*, 28, 8, 992-998

FERNANDO VEREDA MORATILLA

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- 2017 Artículo: Simultaneous Hyperthermia and doxorubicin delivery from polymer-coated magnetite nanoparticles, *Journal of Magnetism and Magnetic Materials*, 431, , 294-296

ANGEL VICENTE DELGADO MORA

GUILLERMO RAMÓN IGLESIAS SALTO

- 2017 Artículo: Use of soft electrodes in capacitive deionization of solutions, *Environmental Science & Technology*, 51, 9, 5326-5333

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MARÍA DEL MAR FERNÁNDEZ MARTÍNEZ-REY

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- 2017 Artículo: Improved antitumor activity and reduced toxicity of doxorubicin encapsulated in poly(ϵ -caprolactone) nanoparticles in lung and breast cancer treatment: An in vitro and in vivo study, *European Journal Of Pharmaceutical Sciences*, 102, , 24-34

ANGEL VICENTE DELGADO MORA

- 2017 Artículo: Design and characterization of a magnetite/PEI multifunctional nanohybrid as non-viral vector and cell isolation system, *International Journal of Pharmaceutics*, 518, 1, 270-280

ANGEL VICENTE DELGADO MORA

- 2017 Artículo: Folic acid-decorated and PEGylated PLGA nanoparticles for improving the antitumour activity of 5-fluorouracil, *International Journal of Pharmaceutics*, 516, 1, 61-70

ANGEL VICENTE DELGADO MORA

- 2017 Artículo: New energy sources: Blue energy study in Central America, *Journal of Renewable and Sustainable Energy*, 9, 1, 014101-

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MARÍA DEL MAR FERNÁNDEZ MARTÍNEZ-REY

- 2017 Artículo: Synthesis and in vitro antiproliferative evaluation of PEGylated triterpene acids, *Fitoterapia* (Milano, 1934), 120, , 25-40

FRANCISCO GALISTEO GONZÁLEZ

- 2017 Artículo: Evaluation of WRF capability to detect dry and wet periods in Spain using drought indices, *JOURNAL OF GEOPHYSICAL RESEARCH ATMOSPHERES*, 122, , 1569-1594

MARÍA JESÚS ESTEBAN PARRA

MATILDE GARCÍA-VALDECASAS OJEDA

SONIA RAQUEL GÁMIZ FORTIS

YOLANDA CASTRO DÍEZ

- 2017 Artículo: Una metodología para determinar la importancia relativa de los criterios para priorizar las actuaciones contra el ruido del tráfico de carreteras, *Carreteras*, , 211, 54-64

DIEGO PABLO RUIZ PADILLO

- 2017 Artículo: Remote sensing of lunar aureole with a sky camera: Adding information in the nocturnal retrieval of aerosol properties with GRASP code, *Remote Sensing of Environment*, 196, , 238-252

ALBERTO CAZORLA CABRERA

FRANCISCO JOSE OLMO REYES

JUAN LUIS BOSCH SALDAÑA

LUCAS ALADOS ARBOLEDAS

ROBERTO ROMAN DIEZ

- 2017 Artículo: Variability analysis of the reconstructed daily global solar radiation under all-sky and cloud-free conditions in Madrid during the period 1887-1950, *Atmospheric Research*, 191, , 94-100

ROBERTO ROMAN DIEZ

- 2017 Artículo: Development and Characterization of Magnetite/Poly(butylcyanoacrylate) Nanoparticles for Magnetic Targeted Delivery of Cancer Drugs, *AAPS PharmSciTech*, , , -

ANGEL VICENTE DELGADO MORA

- 2017 Artículo: Magnetic nanoparticles as a redispersing additive in Magnetorheological Fluid, *Journal of Nanomaterials*, 1, 1, 1-2

GUILLERMO RAMÓN IGLESIAS SALTO

- 2017 Artículo: Improving the accuracy of the gradient method for determining soil carbon dioxide efflux, *Journal of Geophysical Research: Biogeosciences*, 122, 1, 50-64

ENRIQUE PEREZ SANCHEZ-CAÑETE

- 2017 Artículo: Frequency response limitation of heat flux meters, *Building and Environment*, 114, , 233-245

DIEGO PABLO RUIZ PADILLO

- 2017 Artículo: Development and Characterization of Magnetite/Poly(butylcyanoacrylate) Nanoparticles for Magnetic Targeted Delivery of Cancer Drugs, *AAPS PharmSciTech*, 18, 12249, 3042-3052

ANGEL VICENTE DELGADO MORA

- 2017 Artículo: Biomass burning aerosol impact on surface winds during the 2010 Russian heat wave, *Geophysical Research Letters*, 44, 2, 1088-1094

JUAN PEDRO MONTAVEZ GOMEZ

- 2017 Artículo: Microscopy research and technique, *Microscopy Research and Technique*, 80, 1, 11-17

ALBERTO MARTÍN MOLINA

GERMÁN LUQUE CABALLERO

JULIA MALDONADO VALDERRAMA

- 2017 Artículo: Competition between excluded-volume and electrostatic interactions for nanogel swelling: effects of the counterion valence and nanogel charge, *Physical Chemistry Chemical Physics*, 19, 9, 6838-6848

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- 2017 Artículo: Interaction between Ideal Neutral Nanogels: A Monte Carlo Simulation Study, *Macromolecules*, 50, 5, 2229-2238

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ANDREW STEPHEN KOWALSKI

- 2017 Artículo: Sorption and Spatial Distribution of Protein Globules in Charged Hydrogel Particles, *Langmuir*, 33, , 4567-4577

ARTURO MONCHO JORDÁ

IRENE ADROHER BENÍTEZ

- 2017 Artículo: Conformation change of an isotactic poly (N-isopropylacrylamide) membrane: Molecular

- dynamics, *Journal of Chemical Physics*, 146, , 194905-1-194905-11
ARTURO MONCHO JORDÁ
IRENE ADROHER BENÍTEZ
- 2017 Artículo: Entropy analysis for damage quantification of hysteretic dampers used as seismic protection of buildings, *Applied Sciences*, 7, 6, 628-642
ANTOLINO GALLEGO MOLINA
ELISABET SUÁREZ VARGAS
- 2017 Artículo: Cloud cover detection combining high dynamic range sky images and ceilometer measurements, *Atmospheric Research*, 196, , 224-236
ALBERTO CAZORLA CABRERA
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- 2017 Artículo en prensa: Continuous thermal control of hydrophilicity/hydrophobicity changes of hybrid films and of its directionality: kinetics and substrate effects, *Journal of Colloid and Interface Science*, , , -
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MIGUEL ANGEL RODRÍGUEZ VALVERDE
- 2017 Artículo: The boundary condition for vertical velocity and its interdependence with surface gas exchange, *Atmospheric Chemistry and Physics*, 17, 13, 8177-8187
ANDREW STEPHEN KOWALSKI
- 2017 Artículo: Young's equation for a two-liquid system at the nanometre scale, *Langmuir*, 33, , 2929-2938
JUAN CARLOS FERNÁNDEZ TOLEDANO
- 2017 Artículo: Testing the performance of superhydrophobic aluminum surfaces, *Journal of Colloid and Interface Science*, 508, , 129-136
FRANCISCO JAVIER MONTES RUIZ-CABELLO
JUAN FRANCISCO GOMEZ LOPERA
MIGUEL ANGEL CABRERIZO VÍLchez
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- 2017 Artículo: Wavelet energy ratio index for health monitoring of hysteretic dampers, *Structural Control and Health Monitoring*, , , -
ANTOLINO GALLEGO MOLINA
ELISABET SUÁREZ VARGAS
- 2017 Artículo: Strategy for required data reduction in the practical implementation in a low-cost electronic platform of an index for damage assessment of seismic dampers, *Measurement: Journal of the International Measurement Confederation*, , , 1-8
ANTOLINO GALLEGO MOLINA
ELISABET SUÁREZ VARGAS
FRANCISCO ANTONIO SAGASTA MORENO
- 2017 Artículo: Analysis of Solar Tower Plant Performance influenced by atmospheric attenuation at different temporal resolutions related to Aerosol Optical Depth, *Solar Energy*, 157, , 803-810
JUAN LUIS BOSCH SALDAÑA
- 2017 Artículo: Different approaches to study proteins films at air/water interface, *Advances in Colloid and Interface Science*, 247, <http://dx.doi.org/10.1016/j.cis.2017.07.015>, 533-542
MARÍA JOSÉ GÁLVEZ RUIZ
- 2017 Artículo: Acoustic emission energy b-value for local damage evaluation in reinforced concrete structures subjected to seismic loadings, *Mechanical Systems and Signal Processing*, 102, , 262-277
ANTOLINO GALLEGO MOLINA
ELISABET SUÁREZ VARGAS
FRANCISCO ANTONIO SAGASTA MORENO
- 2017 Artículo: Cosolute partitioning in polymer networks: Effects of flexibility and volume transitions, *Macromolecules*, 50, , 6227-6237
ARTURO MONCHO JORDÁ
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ANGEL VICENTE DELGADO MORA
- 2017 Artículo: A Bayesian framework for the inference of gene regulatory networks from time and pseudo-time series data, *Bioinformatics*, , , btx605-
DAVID BLANCO NAVARRO
M^a DEL CARMEN CARRIÓN PÉREZ
MANUEL SÁNCHEZ CASTILLO

- 2017 Artículo: EFFECT OF CONFINEMENT ON THE AGGREGATION KINETICS OF DILUTE MAGNETORHEOLOGICAL FLUIDS, *Smart Materials and Structures*, 26, 105031, -
JUAN DE VICENTE ALVAREZ-MANZANEDA
- 2017 Artículo: ON THE IMPORTANCE OF CARRIER FLUID VISCOSITY AND PARTICLE-WALL INTERACTIONS IN MAGNETIC-GUIDED ASSEMBLY OF QUASI-2D SYSTEMS, *Microfluidics and Nanofluidics*, 21, 120, -
JUAN DE VICENTE ALVAREZ-MANZANEDA
- 2017 Artículo: Ultrasonic Pulse-Echo Signal Analysis for Damage Evaluation of Metallic Slit-Plate Hysteretic Dampers, *Metals*, 7, 12, -
ANTOLINO GALLEGO MOLINA
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- 2017 Artículo: Dual delivery nanosystem for biomolecules. Formulation, characterization, and in vitro release, *Colloids and Surfaces B: Biointerfaces*, 159, , 586-595
ANA BELÉN JÓDAR REYES
- 2017 Artículo: Near-real-time processing of a ceilometer network assisted with sun-photometer data: monitoring a dust outbreak over the Iberian Peninsula, *Atmospheric Chemistry and Physics*, 17, , 11861-11876
ALBERTO CAZORLA CABRERA
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- 2017 Artículo: Monumental heritage exposure to urban black carbon pollution, *Atmospheric environment*, 170, , 22-32
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- 2017 Artículo: Probing in-vitro digestibility of food biopreservative AS-48, *Food Chemistry*, 246, <https://doi.org/10.1016/j.foodchem.2017.10.149>, 249-257
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DANIEL PÉREZ RAMÍREZ
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- 2017 Artículo: Retrievals of aerosol microphysics from simulations of spaceborne multiwavelength lidar measurements, *Journal of Quantitative Spectroscopy & Radiative Transfer*, 205, , 27-39
DANIEL PÉREZ RAMÍREZ
- 2017 Artículo: Comparative assessment of GRASP algorithm for a dust event over Granada (Spain) during ChArMEx-ADRIMED 2013 campaign, *Atmospheric Measurement Techniques*, 10, , 4439-4457
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JUAN LUIS GUERRERO RASCADO
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