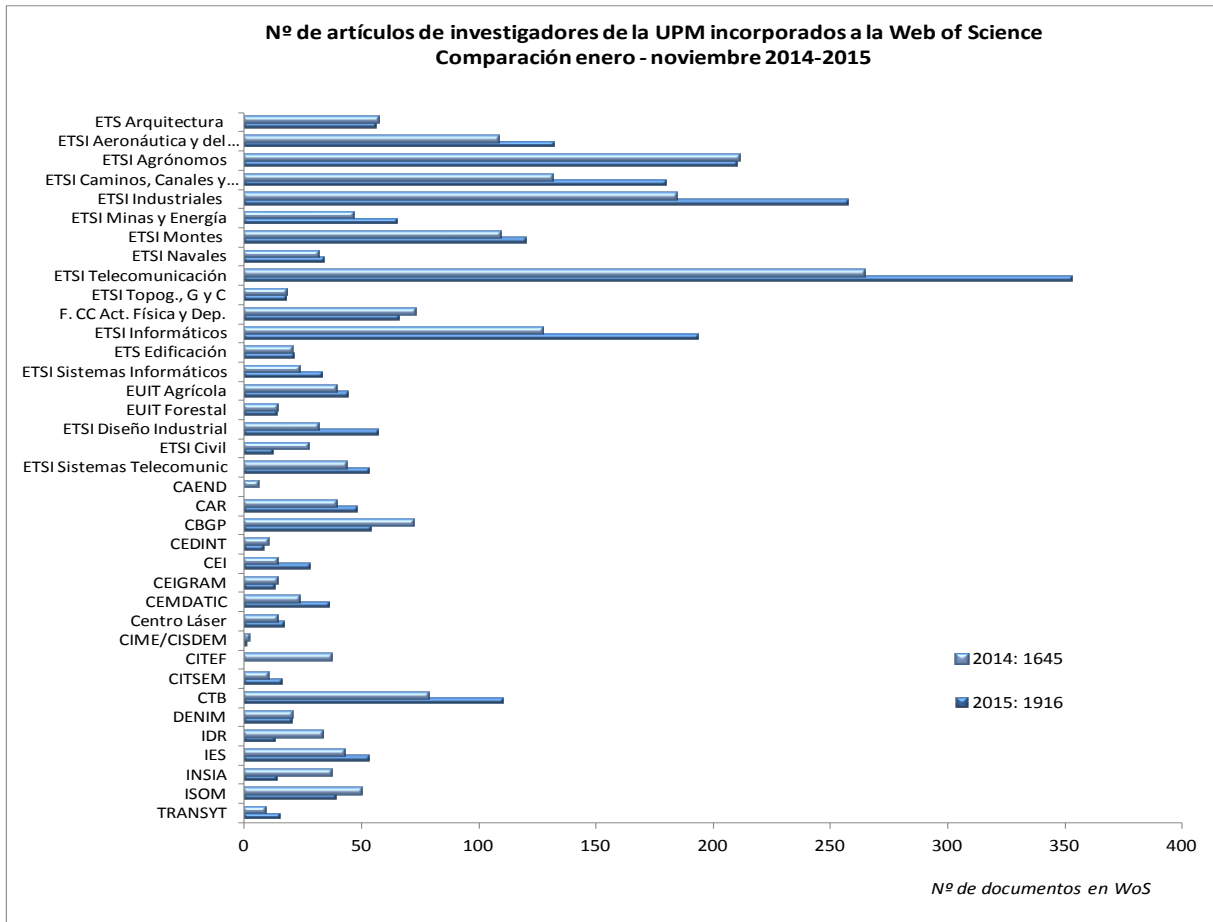


Seguimiento de la producción científica UPM en la Web of Science

La **Web Of Science** (WOS) es una plataforma de la empresa Thomson Reuters basada en tecnología web y formada por una amplia colección de bases de datos bibliográficas, citas y referencias de publicaciones científicas de cualquier disciplina del conocimiento –científico, tecnológico, humanístico y sociológico– desde 1945.

Hasta enero de 2014 esta plataforma era conocida como “Web of Knowledge”, pero tras su actualización en esta fecha Thomson Reuters ha decidido renombrarla pasándola a llamar **Web of Science**. A su vez, la base de datos que hasta ahora se llamaba “Web of Science” pasa a llamarse **Web of Science Core Collection** que es la utilizada para hacer el seguimiento de la producción científica de la UPM.

En el gráfico siguiente se presenta la comparativa 2013-2014 de los documentos de investigación de la Universidad Politécnica de Madrid (UPM) dados de alta en la Web of Science (WoS) acumulados hasta el mes actual. Hay que señalar que la fecha que se considera en relación con cada artículo no se refiere a la fecha de publicación del mismo sino a la de su incorporación a la base de datos de la WoS.



Documentos de investigación de la UPM incorporados a la Web of Science

[ETS Arquitectura](#)
[ETS Edificación](#)
[ETSI Aeronáutica y del Espacio](#)
[ETSI Agronómica, Alimentaria y de Biosistemas](#)
[ETSI Agrónomos](#)
[ETSI Caminos, Canales y Puertos](#)
[ETSI Civil](#)
[ETSI Diseño Industrial](#)
[ETSI Industriales](#)
[ETSI Informáticos](#)
[ETSI Minas y Energía](#)
[ETSI Montes, Forestal y del Medio Natural](#)
[ETSI Montes](#)
[ETSI Navales](#)
[ETSI Sistemas Informáticos](#)
[ETSI Sistemas Telecomunicación](#)
[ETSI Telecomunicación](#)
[ETSI Topografía, Geodesia y Cartografía](#)
[EUIT Agrícola](#)
[EUIT Forestal](#)
[Facultad CC Actividad Física y Deportiva \(INEF\)](#)

Centros de I+D+i

[CAR](#)
[CBG](#)
[CEDINT](#)
[CEI](#)
[CEIGRAM](#)
[CEMDATIC](#)
[Centro Láser](#)
[CIME](#)
[CITSEM](#)
[CTB](#)
[TRANSYT](#)

Institutos de I+D+i

[DENIM](#)
[IDR](#)
[IES](#)
[INSIA](#)
[ISOM](#)

ETS Arquitectura

[Income, energy expenditure and housing in Madrid: retrofitting policy implications-Q2](#)

Sanchez-Guevara, C; Fernandez, AS; Aja, AH

BUILDING RESEARCH AND INFORMATION, 43 (6):737-749;
10.1080/09613218.2014.984573 NOV 2 2015

[Implicit Equations of Non-degenerate Rational Bezier Quadric Triangles-Q4](#)

Canton, A; Fernandez-Jambrina, L; Maria, ER; Vazquez-Gallo, MJ

CURVES AND SURFACES, 9213 70-79; 10.1007/978-3-319-22804-4_6 2015

[Subir](#)

ETSI Aeronáutica y del Espacio

[Adaptive POD-based low-dimensional modeling supported by residual estimates-Q1](#)

Rapun, ML; Terragni, F; Vega, JM

INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING, 104 (9):844-868; 10.1002/nme.4947 NOV 30 2015

[Efficient Computation of Current Collection in Bare Electrodynamic Tethers in and beyond OML Regime-Q2](#)

Sanjurjo-Rivo, M; Sanchez-Arriaga, G; Pelaez, J

JOURNAL OF AEROSPACE ENGINEERING, 28 (6):10.1061/(ASCE)AS.1943-5525.0000479 NOV 2015

[VISCOUS FLOW PAST A CIRCULAR CYLINDER BELOW A FREE SURFACE-](#)

Bouscasse, B; Colagrossi, A; Marrone, S; Souto-Iglesias, A

33RD INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, 2014, VOL 2, 2014

[Energy-decomposition analysis for viscous free-surface flows-Q1](#)

Colagrossi, A; Bouscasse, B; Marrone, S

PHYSICAL REVIEW E, 92 (5):10.1103/PhysRevE.92.053003 NOV 3 2015

[Magnetic Attitude Control for Satellites in Polar or Sun-Synchronous Orbits-Q1](#)

Cubas, J; Farrahi, A; Pindado, S

JOURNAL OF GUIDANCE CONTROL AND DYNAMICS, 38 (10):1947-1958; 10.2514/1.G000751 OCT 2015

*

[Generalized electrical conductivity and the melting point of thermionic metals](#)

Domenech-Garret, J.L.

JOURNAL OF STATISTICAL MECHANICS: THEORY AND EXPERIMENT
2015 (8): P08001 (13 pp.). AUG. 2015

* Este documento fue omitido por error en el listado de documentos UPM incorporados a la Web of Science del mes de octubre.

[Subir](#)

ETSI Agronómica, Alimentaria y de Biosistemas

ETSI Agrónomos

[Using the small alignment index chaos indicator to characterize the vibrational dynamics of a molecular system: LiNC-LiCN-Q1](#)

Benitez, P; Losada, JC; Benito, RM; Borondo, F

PHYSICAL REVIEW E, 92 (4):10.1103/PhysRevE.92.042918 OCT 19 2015

[Occupational allergic multiorgan disease induced by wheat flour-Q1](#)

Gomez-Torrijos, E; Rodriguez-Sanchez, J; Diaz-Perales, A; Garcia, R; Feo, JF; Garcia, C; Pineda, F; Quirce, S

JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY, 136 (4):1114-1116;
10.1016/j.jaci.2015.03.047 OCT 2015

[River basins as social-ecological systems: linking levels of societal and ecosystem water metabolism in a semiarid watershed-Q1](#)

Cabello, V; Willaarts, BA; Aguilar, M; Ituarte, LD

ECOLOGY AND SOCIETY, 20 (3):10.5751/ES-07778-200320 2015

[Biophysical and sociocultural factors underlying spatial trade-offs of ecosystem services in semiarid watersheds-Q1](#)

Garca-Llorente, M; Iniesta-Arandia, I; Willaarts, BA; Harrison, PA; Berry, P; Bayo, MDM; Castro, AJ; Montes, C; Martin-Lopez, B

ECOLOGY AND SOCIETY, 20 (3):10.5751/ES-07785-200339 2015

[Intermittent Plurisink Model and the Emergence of Complex Heterogeneity Patterns: A Simple Paradigm for Explaining Complexity in Soil Chemical Distributions-Q4](#)

Martin, MA; Reyes, M; Taguas, FJ

JOURNAL OF CHEMISTRY, 10.1155/2015/138202 2015

[Glycerin and lecithin inclusion in diets for brown egg-laying hens: Effects on egg production and nutrient digestibility-Q1](#)

Mandalawi, HA; Lazaro, R; Redon, M; Herrera, J; Menoyo, D; Mateos, GG

ANIMAL FEED SCIENCE AND TECHNOLOGY, 209 145-156;
10.1016/j.anifeedsci.2015.07.019 NOV 2015

[Effects of nutrition on digestion efficiency and gaseous emissions from slurry in growing pigs: III. Influence of varying the dietary level of calcium soap of palm fatty acids distillate with or without orange pulp supplementation-Q1](#)

Antezana, W; Calvet, S; Beccaccia, A; Ferrer, P; De Blas, C; Garcia-Rebollar, P; Cerisuelo, A

ANIMAL FEED SCIENCE AND TECHNOLOGY, 209 128-136;
10.1016/j.anifeedsci.2015.07.022 NOV 2015

[Effects of nutrition on digestion efficiency and gaseous emissions from slurry in growing pigs: II. Effect of protein source in practical diets-Q1](#)

Beccaccia, A; Cerisuelo, A; Calvet, S; Ferrer, P; Estelles, F; De Blas, C; Garcia-Rebollar, P

ANIMAL FEED SCIENCE AND TECHNOLOGY, 209 137-144;
10.1016/j.anifeedsci.2015.07.021 NOV 2015

[Comparative Genomics Within the Bacillus Genus Reveal the Singularities of Two Robust Bacillus amyloliquefaciens Biocontrol Strains-Q1](#)

Magno-Perez-Bryan, MC; Martinez-Garcia, PM; Hierrezuelo, J; Rodriguez-Palenzuela, P; Arrebola, E; Ramos, C; de Vicente, A; Perez-Garcia, A; Romero, D

MOLECULAR PLANT-MICROBE INTERACTIONS, 28 (10):1102-1116; 10.1094/MPM1-02-15-0023-R OCT 2015

[Are Mummies and Adults of Eretmocerus mundus \(Hymenoptera: Aphelinidae\) Compatible With Modern Insecticides?-Q2](#)

Fernandez, MD; Medina, P; Fereres, A; Smagghe, G; Vinuela, E

JOURNAL OF ECONOMIC ENTOMOLOGY, 108 (5):2268-2277; 10.1093/jee/tov181 OCT 2015

[Economic performances of anaerobic digestion plants: Effect of maize silage energy density at increasing transport distances-Q1](#)

Bacenetti, J; Negri, M; Lovarelli, D; Garcia, LR; Fiala, M

BIOMASS & BIOENERGY, 80 73-84; 10.1016/j.biombioe.2015.04.034 SEP 2015

[BREAKING BOUNDARIES AS THE CLUE FOR POST ECOLOGICAL ARCHITECTURE-Q1](#)

Diaz, MJG; Navarro, JG

OPEN HOUSE INTERNATIONAL, 40 (1):26-32; MAR 2015

[Application of independent components analysis with the JADE algorithm and NIR hyperspectral imaging for revealing food adulteration-Q1](#)

Mishra, P; Cordella, CBY; Rutledge, DN; Barreiro, P; Roger, JM; Diezma, B

JOURNAL OF FOOD ENGINEERING, 168 7-15; 10.1016/j.jfoodeng.2015.07.008 JAN 2015

[Inclusion of fiber in diets for brown-egg laying pullets: Effects on growth performance and digestive tract traits from hatching to 17 weeks of age-Q1](#)

Guzman, P; Saldana, B; Kimiaeitalab, MV; Garcia, J; Mateos, GG

POULTRY SCIENCE, 94 (11):2722-2733; 10.3382/ps/pev288 NOV 2015

[Influence of the main cereal and feed form of the rearing phase diets on performance, digestive tract, and body traits of brown-egg laying pullets from hatch to 17 weeks of age-Q1](#)

Saldana, B; Guzman, P; Safaa, HM; Harzalli, R; Mateos, GG

POULTRY SCIENCE, 94 (11):2650-2661; 10.3382/ps/pev240 NOV 2015

[Challenging genosensors in food samples: The case of gluten determination in highly processed samples-Q1](#)

Martin-Fernandez, B; de-los-Santos-Alvarez, N; Martin-Clemente, JP; Lobo-Castanon, MJ; Lopez-Ruiz, B

TALANTA, 146 490-495; 10.1016/j.talanta.2015.09.017 JAN 1 2016

[Integrating ecotoxicity and chemical approaches to compare the effects of ZnO nanoparticles, ZnO bulk, and ZnCl₂ on plants and microorganisms in a natural soil-Q1](#)

Garcia-Gomez, C; Babin, M; Obrador, A; Alvarez, J; Fernandez, M

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 22 (21):16803-16813;
10.1007/s11356-015-4867-y NOV 2015

[Subir](#)

EUIT Agrícola

[Occurrence of moulds associated with ovine raw milk and cheeses of the Spanish region of Castilla La Mancha-Q3](#)

Marin, P; Palmero, D; Jurado, M

INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, 68 (4):565-572; 10.1111/1471-0307.12208 NOV 2015

[Characterization of Cavities Using the GPR, LIDAR and GNSS Techniques-Q2](#)

Conejo-Martin, M; Herrero-Tejedor, T; Lapazaran, J; Perez-Martin, E; Otero, J; Prieto, J; Velasco, J

PURE AND APPLIED GEOPHYSICS, 172 (11):3123-3137; SI 10.1007/s00024-014-0985-6 NOV 2015

[Subir](#)

ETSI Caminos, Canales y Puertos

[Overtopping of harbour breakwaters: a comparison of semi-empirical equations, neural networks, and physical model tests-Q1](#)

Gil, AMR; Gonzalez, JFS; Serret, RG; Valdecantos, VN

JOURNAL OF HYDRAULIC RESEARCH, 53 (4):505-518; 10.1080/00221686.2015.1060270
JUL 4 2015

[New QR Survey Methodologies to Analyze User Perception of Service Quality in Public Transport: The Experience of Madrid-Q4](#)

Guirao, B; Garcia, A; Lopez, ME; Acha, C; Comendador, J

JOURNAL OF PUBLIC TRANSPORTATION, 18 (3):71-88; 2015

[A temperature-based thermodynamically consistent integration scheme for discrete thermo-elastodynamics-Q1](#)

Martin, SC; Betsch, P; Orden, JCG

COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, 32 63-80;
10.1016/j.cnsns.2015.08.006 MAR 2016

[Traits of neighbouring plants and space limitation determine intraspecific trait variability in semi-arid shrublands-Q1](#)

Le Bagousse-Pinguet, Y; Borger, L; Quero, JL; Garcia-Gomez, M; Soriano, S; Maestre, FT;
Gross, N

JOURNAL OF ECOLOGY, 103 (6):1647-1657; 10.1111/1365-2745.12480 NOV 2015

[Integral Approach of Performance-Based Design for Tunnels-Q4](#)

Mayoral, JM; Melis-Maynar, MJJ; de la Sancha, AR

TRANSPORTATION RESEARCH RECORD, (2522):121-130; 10.3141/2522-12 2015

[Optimal design in elasticity: a systematic adjoint approach to boundary cost functionals-](#)
Q2

Garcia-Palacios, J; Castro, C; Samartin, A

OPTIMIZATION AND ENGINEERING, 16 (4):811-829; 10.1007/s11081-015-9278-x DEC
2015

[Sliding stability analysis of gravity dam founded on rock mass with impersistent joint set-](#)
Q2

Cabrera, M; Senent, S; Olalla, C; Jimenez, R

CANADIAN GEOTECHNICAL JOURNAL, 52 (11):1668-1684; 10.1139/cgj-2014-0307 NOV
2015

[Subir](#)

ETSI Industriales

[Evolutionary Computing and Particle Filtering: A Hardware-Based Motion Estimation System](#)-Q1

Rodriguez, A; Moreno, F

IEEE TRANSACTIONS ON COMPUTERS, 64 (11):3140-3152; 10.1109/TC.2015.2401015
NOV 2015

[Effect of chain stiffness on the competition between crystallization and glass-formation in model unentangled polymers](#)-Q1

Nguyen, HT; Smith, TB; Hoy, RS; Karayiannis, NC

JOURNAL OF CHEMICAL PHYSICS, 143 (14):10.1063/1.4932193 OCT 14 2015

[Business model challenge: Lessons from a local solar company](#)-Q1

Karakaya, E; Nuur, C; Hidalgo, A

RENEWABLE ENERGY, 85 1026-1035; 10.1016/j.renene.2015.07.069 JAN 2016

[Formal methodology for analyzing the dynamic behavior of nonlinear systems using fuzzy logic](#)-Q4

Barragan, AJ; Al-Hadithi, BM; Andujar, JM; Jimenez, A

REVISTA IBEROAMERICANA DE AUTOMATICA E INFORMATICA INDUSTRIAL, 12 (4):434-445; 10.1016/j.riai.2015.09.005 OCT-DEC 2015

[Virtual Laboratories and Teaching of Automatic Control in Basic Technology Education of Students of High School](#)-Q4

Cerezo, F; Sastron, F

REVISTA IBEROAMERICANA DE AUTOMATICA E INFORMATICA INDUSTRIAL, 12 (4):419-431; 10.1016/j.riai.2015.04.005 OCT-DEC 2015

[A Data Preparation Methodology in Data Mining Applied to Mortality Population Databases-Q2](#)

Perez, J; Iturbide, E; Olivares, V; Hidalgo, M; Martinez, A; Almanza, N

JOURNAL OF MEDICAL SYSTEMS, 39 (11):10.1007/s10916-015-0312-5 NOV 2015

[Meso-scale characterization of lithium distribution in lithium-ion batteries using ion beam analysis techniques-Q1](#)

Gonzalez-Arrabal, R; Panizo-Laiz, M; Fujita, K; Mima, K; Yamazaki, A; Kamiya, T; Orikasa, Y; Uchimoto, Y; Sawada, H; Okuda, C; Kato, Y; Perlado, JM

JOURNAL OF POWER SOURCES, 299 587-595; 10.1016/j.jpowsour.2015.09.022 DEC 20 2015

[Experimental investigation and thermo-chemical modeling of methane pyrolysis in a liquid metal bubble column reactor with a packed bed-Q1](#)

Geissler, T; Plevan, M; Abanades, A; Heinzl, A; Mehravar, K; Rathnam, RK; Rubbia, C; Salmieri, D; Stoppel, L; Stuckrad, S; Weisenburger, A; Wenninger, H; Wetzel, T

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, 40 (41):14134-14146;
10.1016/j.ijhydene.2015.08.102 NOV 2 2015

[Biophilic Evolutionary Buildings that Restore the Experience of Animality in the City-Q4](#)

Gil, P; Rossi, C; Coral, W

BIOMIMETIC AND BIOHYBRID SYSTEMS, LIVING MACHINES 2015, 9222 465-472;
10.1007/978-3-319-22979-9_47 2015

[Subir](#)

ETSI Minas y Energía

No hay documentos este mes.

[Subir](#)

ETSI Montes, Forestal y del Medio Natural

Centros integrados en esta Escuela: ETSI Montes y EUIT Forestal.

ETSI Montes

[Climate modifies tree interactions in terms of basal area growth and mortality in monospecific and mixed *Fagus sylvatica* and *Pinus sylvestris* forests](#)-Q1

Condes, S; del Rio, M

EUROPEAN JOURNAL OF FOREST RESEARCH, 134 (6):1095-1108; 10.1007/s10342-015-0912-0 NOV 2015

[Light losses in hollow, prismatic light guides related to prism defects: a transmittance model](#)-Q2

Garcia-Fernandez, B; Vazquez-Molini, D; Fernandez-Balbuena, AA; Garcia-Botella, A; Anton, JCM

CHINESE OPTICS LETTERS, 13 (9):10.3788/COL201513.092201 SEP 10 2015

[Advanced daylighting evaluation applied to cultural heritage buildings and museums: Application to the cloister of Santa Maria El Paular](#)-Q1

Pinilla, SM; Molini, DV; Fernandez-Balbuena, AA; Raboso, GH; Herraiez, JA; Azcutia, M; Botella, AG

RENEWABLE ENERGY, 85 1362-1370; 10.1016/j.renene.2015.07.011 JAN 2016

[Restoring forests: What constitutes success in the twenty-first century?](#)-Q1

Jacobs, DF; Oliet, JA; Aronson, J; Bolte, A; Bullock, JM; Donoso, PJ; Landhausser, SM; Madsen, P; Peng, SL; Rey-Benayas, JM; Weber, JC

NEW FORESTS, 46 (5-6):601-614; SI 10.1007/s11056-015-9513-5 NOV 2015

[Establishing *Quercus ilex* under Mediterranean dry conditions: sowing recalcitrant acorns versus planting seedlings at different depths and tube shelter light transmissions-](#)

Q1

Oliet, JA; de Castro, AV; Puertolas, J

NEW FORESTS, 46 (5-6):869-883; SI 10.1007/s11056-015-9495-3 NOV 2015

[An exponential fertilization dose-response model to promote restoration of the Mediterranean oak *Quercus ilex*-Q1](#)

Uscola, M; Salifu, KF; Oliet, JA; Jacobs, DF

NEW FORESTS, 46 (5-6):795-812; SI 10.1007/s11056-015-9493-5 NOV 2015

[Is It Necessary Managing Carnivores to Reverse the Decline of Endangered Prey Species? Insights from a Removal Experiment of Mesocarnivores to Benefit Demographic Parameters of the Pyrenean Capercaillie-Q1](#)

Moreno-Opo, R; Afonso, I; Jimenez, J; Fernandez-Olalla, M; Canut, J; Garcia-Ferre, D; Pique, J; Garcia, F; Roig, J; Munoz-Igualada, J; Gonzalez, LM; Lopez-Bao, JV

PLOS ONE, 10 (10):10.1371/journal.pone.0139837 OCT 21 2015

[Phenotype MicroArrays as a complementary tool to next generation sequencing for characterization of tree endophytes-Q1](#)

Blumenstein, K; Macaya-Sanz, D; Martin, JA; Albrechtsen, BR; Witzell, J

FRONTIERS IN MICROBIOLOGY, 6 10.3389/fmicb.2015.01033 SEP 28 2015

[The effect of tree cover on the biomass and diversity of the herbaceous layer in a Mediterranean dehesa-Q1](#)

Lopez-Carrasco, C; Lopez-Sanchez, A; San Miguel, A; Roig, S

GRASS AND FORAGE SCIENCE, 70 (4):639-650; 10.1111/gfs.12161 DEC 2015

[Dimensionless numbers for the sustainable harvesting of a monospecific uneven-aged forest-Q2](#)

Torres, IL; Belda, CF

CANADIAN JOURNAL OF FOREST RESEARCH, 45 (11):1535-1545; 10.1139/cjfr-2015-0140
NOV 2015

[Unravelling past flash flood activity in a forested mountain catchment of the Spanish Central System-Q1](#)

Ballesteros-Canovas, JA; Rodriguez-Morata, C; Garofano-Gomez, V; Rubiales, JM;
Sanchez-Salguero, R; Stoffel, M

JOURNAL OF HYDROLOGY, 529 468-479; SI 10.1016/j.jhydrol.2012.11.027 2 OCT 2015

[Subir](#)

EUIT Forestal

[New Plaster Composite with Mineral Wool Fibres from CDW Recycling-Q4](#)

Pineiro, SR; Merino, MD; Garcia, CP

ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, 10.1155/2015/854192 2015

[Subir](#)

ETSI Navales

[Online signal filtering based on the algebraic method and its experimental validation](#)-Q1

Morales, R; Segura, E; Somolinos, JA; Nunez, LR; Sira-Ramirez, H

MECHANICAL SYSTEMS AND SIGNAL PROCESSING, 66-67 374-387;
10.1016/j.ymssp.2015.06.021 JAN 2016

[Robust Linear Longitudinal Feedback Control of a Flapping Wing Micro Air Vehicle](#)-Q4

Belmonte, LM; Morales, R; Fernandez-Caballero, A; Somolinos, JA

ARTIFICIAL COMPUTATION IN BIOLOGY AND MEDICINE, PT I (IWINAC 2015), 9107 449-458; 10.1007/978-3-319-18914-7_47 2015

[NUMERICAL SIMULATIONS IN THE DESIGN OF A NEW TENSION-TETHERED MARINE CURRENT TURBINE](#)-

Fernandez, D; Moreu, J; de Guzman, S; Yeung, RW; Moreu, M

33RD INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, 2014, VOL 7: OCEAN SPACE UTILIZATION, 2014

[NUMERICAL INVESTIGATION OF THE FLOW FEATURES AROUND HEAVE PLATES OSCILLATING CLOSE TO A FREE SURFACE OR SEABED](#)-

Garrido-Mendoza, CA; Thiagarajan, KP; Souto-Iglesias, A; Bouscasse, B; Colagrossi, A

33RD INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, 2014, VOL 7: OCEAN SPACE UTILIZATION, 2014

[Implicit Equations of Non-degenerate Rational Bezier Quadric Triangles](#)-Q4

Canton, A; Fernandez-Jambrina, L; Maria, ER; Vazquez-Gallo, MJ

CURVES AND SURFACES, 9213 70-79; 10.1007/978-3-319-22804-4_6 2015

[TOWING TANK EXPERIMENTS ON THE VORTEX-INDUCED VIBRATIONS OF A FLEXIBLE CYLINDER WITH WAKE INTERFERENCE-](#)

Huera-Huarte, FJ; Bangash, ZA; Gonzalez, LM

33RD INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, 2014, VOL 2, 2014

[MODEL SCALE ANALYSIS OF A TLP FLOATING OFFSHORE WIND TURBINE-](#)

Zamora-Rodriguez, R; Gomez-Alonso, P; Amate-Lopez, J; De-Diego-Martin, V; Dinoi, P; Simos, AN; Souto-Iglesias, A

33RD INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, 2014, VOL 9B: OCEAN RENEWABLE ENERGY, 2014

[HYDRODYNAMIC FORCES AND PRESSURE LOADS ON HEAVE PLATES FOR SEMI-SUBMERSIBLE FLOATING OFFSHORE WIND TURBINES: A CASE STUDY-](#)

Lopez-Pavon, C; Garrido-Mendoza, CA; Souto-Iglesias, A

33RD INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, 2014, VOL 9B: OCEAN RENEWABLE ENERGY, 2014

[VISCOUS FLOW PAST A CIRCULAR CYLINDER BELOW A FREE SURFACE-](#)

Bouscasse, B; Colagrossi, A; Marrone, S; Souto-Iglesias, A

33RD INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, 2014, VOL 2, 2014

[Subir](#)

ETSI Telecomunicación

[Deposition reactors for solar grade silicon: A comparative thermal analysis of a Siemens reactor and a fluidized bed reactor](#)-Q2

Ramos, A; Filtvedt, WO; Lindholm, D; Ramachandran, PA; Rodriguez, A; del Canizo, C
JOURNAL OF CRYSTAL GROWTH, 431 1-9; 10.1016/j.jcrysgro.2015.08.023 DEC 1 2015

[Leakage-Aware Cooling Management for Improving Server Energy Efficiency](#)-Q1

Zapater, M; Tuncer, O; Ayala, JL; Moya, JM; Vaidyanathan, K; Gross, K; Coskun, AK
IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS, 26 (10):2764-2777;
10.1109/TPDS.2014.2361519 OCT 2015

[Face, content, and construct validity of the EndoViS training system for objective assessment of psychomotor skills of laparoscopic surgeons](#)-Q1

Escamiroso, FP; Flores, RMO; Garcia, IO; Vidal, CRZ; Martinez, AM
SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES, 29 (11):3392-3403;
10.1007/s00464-014-4032-6 NOV 2015

[Characterization of Cavities Using the GPR, LIDAR and GNSS Techniques](#)-Q2

Conejo-Martin, M; Herrero-Tejedor, T; Lapazaran, J; Perez-Martin, E; Otero, J; Prieto, J; Velasco, J
PURE AND APPLIED GEOPHYSICS, 172 (11):3123-3137; SI 10.1007/s00024-014-0985-6
NOV 2015

[Nonhydrogenic exciton spectrum in perovskite CH₃ NH₃ PbI₃](#)-Q2

Menendez-Proupin, E; Rios, CLB; Wahnnon, P
PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS, 9 (10):559-563;
10.1002/pssr.201510265 OCT 2015

[A Survey on Future Railway Radio Communications Services: Challenges and Opportunities-Q1](#)

Moreno, J; Riera, JM; de Haro, L; Rodriguez, C

IEEE COMMUNICATIONS MAGAZINE, 53 (10):62-68; OCT 2015

[Artificial Metaplasticity: Application to MIT-BIH Arrhythmias Database-Q4](#)

Torres-Alegre, S; Fombellida, J; Pinuela-Izquierdo, JA; Andina, D

ARTIFICIAL COMPUTATION IN BIOLOGY AND MEDICINE, PT I (IWINAC 2015), 9107 133-142; 10.1007/978-3-319-18914-7_14 2015

[Lifting the weight of a diagnosis-related groups family change: a comparison between refined and non-refined DRG systems for top-down cost accounting and efficiency indicators-Q4](#)

Zlotnik, A; Alfaro, MC; Perez, MCP

HEALTH INFORMATION MANAGEMENT JOURNAL, 44 (2):11-19; 2015

[The Koniocortex-Like Network: A New Biologically Plausible Unsupervised Neural Network-Q4](#)

Pelaez, FJR; Andina, D

ARTIFICIAL COMPUTATION IN BIOLOGY AND MEDICINE, PT I (IWINAC 2015), 9107 163-174; 10.1007/978-3-319-18914-7_17 2015

[AEP and Mutual Coupling Formulation for Antenna Array Synthesis via Convex Optimization-](#)

Guzman, JIE; de Aza, MAG; Ferrer, JZ

2014 IEEE ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM (APSURSI), 1732-1733; 2014

Classification in Sparse, High Dimensional Environments Applied to Distributed Systems Failure Prediction-Q4

Navarro, JM; Parada, HA; Duenas, JC

ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT II (ICAISC 2015), 9120 714-726; 10.1007/978-3-319-19369-4_63 2015

[Effects of biologically compatible buffers on the electrical response of gravimetric sensors operating at GHz frequencies-Q1](#)

DeMiguel-Ramos, M; Diaz-Duran, B; Escolano, JM; Olivares, J; Clement, M; Mirea, T; Iborra, E

SENSORS AND ACTUATORS B-CHEMICAL, 222 688-692; 10.1016/j.snb.2015.08.120 JAN 2016

[Second order mem-circuits-Q2](#)

Riaza, R

INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS, 43 (11):1719-1742; 10.1002/cta.2037 NOV 2015

[A Fuzzy Inference System for Closed-Loop Deep Brain Stimulation in Parkinson's Disease-Q2](#)

Camara, C; Warwick, K; Bruna, R; Aziz, T; del Pozo, F; Maestu, F

JOURNAL OF MEDICAL SYSTEMS, 39 (11):10.1007/s10916-015-0328-x NOV 2015

[An automatic method to detect and track the glottal gap from high speed videoendoscopic images-Q3](#)

Andrade-Miranda, G; Godino-Llorente, JI; Moro-Velazquez, L; Gomez-Garcia, JA

BIOMEDICAL ENGINEERING ONLINE, 14 10.1186/s12938-015-0096-3 OCT 29 2015

[Creating and Modelling Personal Socio-Economic Networks in On-Line Banking-](#)

San Miguel, B; del Alamo, JM; Yelmo, JC

WEB INFORMATION SYSTEMS ENGINEERING - WISE 2014 WORKSHOPS, 9051 161-175;
10.1007/978-3-319-20370-6_13 2015

[Tag Detection for Preventing Unauthorized Face Image Processing-Q4](#)

Jimenez, AE; Dabrowski, A; Sonehara, N; Martinez, JMM; Echizen, I

DIGITAL-FORENSICS AND WATERMARKING, IWDW 2014, 9023 513-524; 10.1007/978-3-319-19321-2_39 2015

[Context-Awareness in Task Automation Services by Distributed Event Processing-Q4](#)

Coronado, M; Bruns, R; Dunkel, J; Stipkovic, S

WEB INFORMATION SYSTEMS ENGINEERING - WISE 2014 WORKSHOPS, 9051 190-203;
10.1007/978-3-319-20370-6_15 2015

[Bis\(pyridylpyrazolate\)platinum\(II\): a mechanochromic complex useful as a dopant for colour-tunable polymer OLEDs-Q2](#)

Cuerva, C; Campo, JA; Cano, M; Arredondo, B; Romero, B; Oton, E; Oton, JM

NEW JOURNAL OF CHEMISTRY, 39 (11):8467-8473; 10.1039/c5nj01875g 2015

[A systematic review of argumentation techniques for multi-agent systems research-Q2](#)

Carrera, A; Iglesias, CA

ARTIFICIAL INTELLIGENCE REVIEW, 44 (4):509-535; 10.1007/s10462-015-9435-9 DEC 2015

[Evaluation of the PV Cell Operation Temperature in the Process of Fast Switching to Open-Circuit Mode-Q1](#)

Rumyantsev, VD; Davidyuk, NY; Chekalin, AV; Malevskiy, DA; Pan'chak, AN; Sadchikov, NA; Andreev, VM; Luque, AL

IEEE JOURNAL OF PHOTOVOLTAICS, 5 (6):1715-1721; 10.1109/JPHOTOV.2015.2479464 NOV 2015

[Generalized Optoelectronic Model of Series-Connected Multijunction Solar Cells-Q1](#)

Geisz, JF; Steiner, MA; Garcia, I; France, RM; McMahon, WE; Osterwald, CR; Friedman, DJ

IEEE JOURNAL OF PHOTOVOLTAICS, 5 (6):1827-1839; 10.1109/JPHOTOV.2015.2478072
NOV 2015

[Vacant parking area estimation through background subtraction and transience map analysis-Q3](#)

del Postigo, CG; Torres, J; Menendez, JM

IET INTELLIGENT TRANSPORT SYSTEMS, 9 (9):835-841; 10.1049/iet-its.2014.0090 NOV
2015

[The wasted energy: A metric to set up appropriate targets in our path towards fully renewable energy systems-Q1](#)

Diaz, JJV; Wilby, MR; Gonzalez, ABR

ENERGY, 90 900-909; 10.1016/j.energy.2015.07.118 1 OCT 2015

[Automatic Prosodic Analysis to Identify Mild Dementia-Q3](#)

Gonzalez-Moreira, E; Torres-Boza, D; Kairuz, HA; Ferrer, C; Garcia-Zamora, M; Espinoza-Cuadros, F; Hernandez-Gomez, LA

BIOMED RESEARCH INTERNATIONAL, 10.1155/2015/916356 2015

[Modulation Spectra Morphological Parameters: A New Method to Assess Voice Pathologies according to the GRBAS Scale-Q3](#)

Moro-Velazquez, L; Gomez-Garcia, JA; Godino-Llorente, JI; Andrade-Miranda, G

BIOMED RESEARCH INTERNATIONAL, 10.1155/2015/259239 2015

[Optical Absorption Coefficients of Gold Nanorods through Acoustic Waves in an Optical Hyperthermia System-](#)

Escudero, PF; Sanchez, C; del Pozo, F; Serrano, JJ

VI LATIN AMERICAN CONGRESS ON BIOMEDICAL ENGINEERING (CLAIB 2014), 49 51-54;
10.1007/978-3-319-13117-7_14 2014

[Prosodic Speech Analysis to Identify Mild Cognitive Impairment-](#)

Gonzalez-Moreira, E; Torres-Boza, D; Garcia-Zamora, MA; Ferrer, CA; Hernandez-Gomez, LA

VI LATIN AMERICAN CONGRESS ON BIOMEDICAL ENGINEERING (CLAIB 2014), 49 580-583; 10.1007/978-3-319-13117-7_148 2014

[Benchmark of State of the Art Objective Measures for 3D Stereoscopic Video Quality Assessment on the Nantes Database-](#)

Dumic, E; Grgic, S; Bermejo, DJ; Cruz, LAD

2014 56TH INTERNATIONAL SYMPOSIUM ELMAR (ELMAR), 119-122; 2014

[Subir](#)

ETSI Topografía, Geodesia y Cartografía

[Seismic scenario including site-effect determination in Torreperogil and Sabiote, Ja,n \(Spain\), after the 2013 earthquake sequence-Q2](#)

Rueda, J; Mezcuca, J; Blanco, RMG; Nunez, A; de Villalta, MF

NATURAL HAZARDS, 79 (2):675-697; 10.1007/s11069-015-1868-6 NOV 2015

[Relationships Between M-w and Other Earthquake Size Parameters in the Spanish IGN Seismic Catalog-Q2](#)

Cabanas, L; Rivas-Medina, A; Martinez-Solares, JM; Gaspar-Escribano, JM; Benito, B; Anton, R; Ruiz-Barajas, S

PURE AND APPLIED GEOPHYSICS, 172 (9):2397-2410; SI 10.1007/s00024-014-1025-2 SEP 2015

[An Overview of Geodetic Volcano Research in the Canary Islands-Q2](#)

Fernandez, J; Gonzalez, PJ; Camacho, AG; Prieto, JF; Bru, G

PURE AND APPLIED GEOPHYSICS, 172 (11):3189-3228; SI 10.1007/s00024-014-0916-6 NOV 2015

[Structure of Alluvial Valleys from 3-D Gravity Inversion: The Low Andarax Valley \(Almeria, Spain\) Test Case-Q2](#)

Camacho, AG; Carmona, E; Garcia-Jerez, A; Sanchez-Martos, F; Prieto, JF; Fernandez, J; Luzon, F

PURE AND APPLIED GEOPHYSICS, 172 (11):3107-3121; SI 10.1007/s00024-014-0914-8 NOV 2015

[Characterization of Cavities Using the GPR, LIDAR and GNSS Techniques-Q2](#)

Conejo-Martin, M; Herrero-Tejedor, T; Lapazaran, J; Perez-Martin, E; Otero, J; Prieto, J; Velasco, J

PURE AND APPLIED GEOPHYSICS, 172 (11):3123-3137; SI 10.1007/s00024-014-0985-6 NOV 2015

[Are There Arid Land Soils in Southwestern Europe?-Q1](#)

Ibanez, JJ; Perez-Gomez, R; Oyonarte, C; Brevik, EC

LAND DEGRADATION & DEVELOPMENT, 26 (8):853-862; 10.1002/ldr.2451 NOV 2015

[Subir](#)

Facultad de Ciencias de la Actividad Física y del Deporte (INEF)

[Associations between obesity, physical fitness, and urinary incontinence in non-institutionalized postmenopausal women: The elderly EXERNET multi-center study-Q1](#)

Moreno-Vecino, B; Arijá-Blázquez, A; Pedrero-Chamizo, R; Alcazar, J; Gomez-Cabello, A; Perez-Lopez, FR; Gonzalez-Gross, M; Casajus, JA; Ara, I

MATURITAS, 82 (2):208-214; 10.1016/j.maturitas.2015.07.008 OCT 2015

[Exercise during pregnancy. A narrative review asking: what do we know?-Q1](#)

Barakat, R; Perales, M; Garatachea, N; Ruiz, JR; Lucia, A

BRITISH JOURNAL OF SPORTS MEDICINE, 49 (21):1377-1381; 10.1136/bjsports-2015-094756 NOV 2015

[Physical Demands of Top-Class Soccer Friendly Matches in Relation to a Playing Position Using Global Positioning System Technology-Q3](#)

Mallo, J; Mena, E; Nevado, F; Paredes, V

JOURNAL OF HUMAN KINETICS, 47 (1):179-188; 10.1515/hukin-2015-0073 SEP 2015

[Subir](#)

ETSI Informáticos

[STONE: A streaming DDoS defense framework-Q1](#)

Gulisano, V; Callau-Zori, M; Fu, Z; Jimenez-Peris, R; Papatriantafilou, M; Patino-Martinez, M

EXPERT SYSTEMS WITH APPLICATIONS, 42 (24):9620-9633; 10.1016/j.eswa.2015.07.027
DEC 30 2015

[Reconstruction and Simulation of Neocortical Microcircuitry-Q1](#)

Markram, H; Muller, E; Ramaswamy, S; Reimann, MW; Abdellah, M; Sanchez, CA; Ailamaki, A; Alonso-Nanclares, L; Antille, N; Arsever, S; Kahou, GAA; Berger, TK; Bilgili, A; Buncic, N; Chalimourda, A; Chindemi, G; Courcol, JD; Delalondre, F; Delattre, V; Druckmann, S; Dumusc, R; Dynes, J; Eilemann, S; Gal, E; Gevaert, ME; Ghobril, JP; Gidon, A; Graham, JW; Gupta, A; Haenel, V; Hay, E; Heinis, T; Hernando, JB; Hines, M; Kanari, L; Keller, D; Kenyon, J; Khazen, G; Kim, Y; King, JG; Kisvarday, Z; Kumbhar, P; Lasserre, S; Le Be, JV; Magalhaes, BRC; Merchan-Perez, A; Meystre, J; Morrice, BR; Muller, J; Munoz-Céspedes, A; Muralidhar, S; Muthurasa, K; Nachbaur, D; Newton, TH; Nolte, M; Ovcharenko, A; Palacios, J; Pastor, L; Perin, R; Ranjan, R; Riachi, I; Rodriguez, JR; Riquelme, JL; Rossert, C; Sfyraakis, K; Shi, Y; Shillcock, JC; Silberberg, G; Silva, R; Tauheed, F; Telefont, M; Toledo-Rodriguez, M; Trankler, T; Van Geit, W; Diaz, JV; Walker, R; Wang, Y; Zaninetta, SM; DeFelipe, J; Hill, SL; Segev, I; Schurmann, F

CELL, 163 (2):456-492; 10.1016/j.cell.2015.09.029 OCT 8 2015

[Intermittent Plurisink Model and the Emergence of Complex Heterogeneity Patterns: A Simple Paradigm for Explaining Complexity in Soil Chemical Distributions-Q4](#)

Martin, MA; Reyes, M; Taguas, FJ

JOURNAL OF CHEMISTRY, 10.1155/2015/138202 2015

[Towards an operationalization of test-driven development skills: An industrial empirical study-Q2](#)

Fucci, D; Turhan, B; Juristo, N; Dieste, O; Tosun-Misirli, A; Oivo, M

INFORMATION AND SOFTWARE TECHNOLOGY, 68 82-97; 10.1016/j.infsof.2015.08.004
DEC 2015

[On the Universality of Axon P Systems-Q1](#)

Zhang, XY; Pan, LQ; Paun, A

IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS, 26 (11):2816-2829; 10.1109/TNNLS.2015.2396940 NOV 2015

[In the pursuit of a semantic similarity metric based on UMLS annotations for articles in PubMed Central Open Access-Q1](#)

Castro, LJG; Berlanga, R; Garcia, A

JOURNAL OF BIOMEDICAL INFORMATICS, 57 204-218; 10.1016/j.jbi.2015.07.015 OCT 2015

[A Haskell Implementation of a Rule-Based Program Transformation for C Programs-Q4](#)

Tamarit, S; Viguera, G; Carro, M; Marino, J

PRACTICAL ASPECTS OF DECLARATIVE LANGUAGES, PADL 2015, 9131 105-114; 10.1007/978-3-319-19686-2_8 2015

[Parkinson's Disease Monitoring from Phonation Biomechanics-Q4](#)

Gomez-Vilda, P; Vicente-Torcal, MC; Ferrandez-Vicente, JM; Alvarez-Marquina, A; Rodellar-Biarge, V; Nieto-Lluis, V; Martinez-Olalla, R

ARTIFICIAL COMPUTATION IN BIOLOGY AND MEDICINE, PT I (IWINAC 2015), 9107 238-248; 10.1007/978-3-319-18914-7_25 2015

[The complexity of one-agent refinement modal logic-Q3](#)

Bozzelli, L; van Ditmarsch, H; Pinchinat, S

THEORETICAL COMPUTER SCIENCE, 603 58-83; 10.1016/j.tcs.2015.07.015 OCT 25 2015

[Subir](#)

ETS Edificación

[New Plaster Composite with Mineral Wool Fibres from CDW Recycling-Q4](#)

Pineiro, SR; Merino, MD; Garcia, CP

ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, 10.1155/2015/854192 2015

[Subir](#)

ETSI Sistemas Informáticos

[Fault-tolerant broadcast in anonymous systems-Q2](#)

Jimenez, E; Arevalo, S; Tang, J

JOURNAL OF SUPERCOMPUTING, 71 (11):4172-4191; 10.1007/s11227-015-1512-y NOV 2015

[Distributed Simulation of NEPs Based On-Demand Cloud Elastic Computation-Q4](#)

Canaval, SG; de la Puente, AO; Gonzalez, PO

ADVANCES IN COMPUTATIONAL INTELLIGENCE, PT I (IWANN 2015), 9094 40-54; 10.1007/978-3-319-19258-1_4 2015

[How Nets of Evolutionary Processors \(NEPs\) Could be Simulated in a Distributed Way-Q4](#)

Jimenez, K; Jimenez, A; de la Cruz, M; Canaval, SG

ADVANCES IN COMPUTATIONAL INTELLIGENCE, PT I (IWANN 2015), 9094 55-68; 10.1007/978-3-319-19258-1_5 2015

[How to Search Optimal Solutions in Big Spaces with Networks of Bio-Inspired Processors-Q4](#)

Couso, JRS; Canaval, SG; Lorenzo, DB

ADVANCES IN COMPUTATIONAL INTELLIGENCE, PT I (IWANN 2015), 9094 29-39; 10.1007/978-3-319-19258-1_3 2015

[NONLINEAR STABILITY OF A HETEROGENEOUS STATE IN A PDE-ODE MODEL FOR ACID-MEDIATED TUMOR INVASION-Q4](#)

Tao, YS; Tello, JI

MATHEMATICAL BIOSCIENCES AND ENGINEERING, 13 (1):193-207; 10.3934/rnbe.2016.13.193 FEB 2016

[A comparative study between RadViz and Star Coordinates-Q1](#)

Rubio-Sanchez, M; Raya, L; Diaz, F; Sanchez, A

IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS, 22 (1):619-628;
10.1109/TVCG.2015.2467324 JAN 2016

[Subir](#)

ETSI Diseño Industrial

[Experimental analysis of tribological behavior of UHMWPE against AISI420C and against TiAl6V4 alloy under dry and lubricated conditions-Q1](#)

Ruggiero, A; D'Amato, R; Gomez, E

TRIBOLOGY INTERNATIONAL, 92 154-161; 10.1016/j.triboint.2015.06.005 DEC 2015

[Assessment on bulk solids best practice techniques for flow characterization and storage/handling equipment design for biomass materials of different classes-Q1](#)

Barletta, D; Berry, RJ; Larsson, SH; Lestander, TA; Poletto, M; Ramirez-Gomez, A

FUEL PROCESSING TECHNOLOGY, 138 540-554; 10.1016/j.fuproc.2015.06.034 OCT 2015

[FIXING DEVICE FOR CLOSING AND COUPLING AN INTRAVENOUS CATHETER-Q4](#)

Soriano, E; Garcia, JM; Blaya, F; Islan, ME; Gallego, LT; Franco-Lopez, A; de Lorenzo, AG

NUTRICION HOSPITALARIA, 32 (3):1382-1385; 10.3305/nh.2015.32.3.9399 SEP 2015

[Formal methodology for analyzing the dynamic behavior of nonlinear systems using fuzzy logic-Q4](#)

Barragan, AJ; Al-Hadithi, BM; Andujar, JM; Jimenez, A

REVISTA IBEROAMERICANA DE AUTOMATICA E INFORMATICA INDUSTRIAL, 12 (4):434-445; 10.1016/j.riai.2015.09.005 OCT-DEC 2015

[Reusing the Same Coloring in the Child Nodes of the Search Tree for the Maximum Clique Problem-Q4](#)

Nikolaev, A; Batsyn, M; San Segundo, P

LEARNING AND INTELLIGENT OPTIMIZATION, LION 9, 8994 275-280; 10.1007/978-3-319-19084-6_27 2015

[Subir](#)

ETSI Civil

[Implicit Equations of Non-degenerate Rational Bezier Quadric Triangles-Q4](#)

Canton, A; Fernandez-Jambrina, L; Maria, ER; Vazquez-Gallo, MJ

CURVES AND SURFACES, 9213 70-79; 10.1007/978-3-319-22804-4_6 2015

[Subir](#)

ETSI Sistemas Telecomunicación

[A Survey on Future Railway Radio Communications Services: Challenges and Opportunities](#)-Q1

Moreno, J; Riera, JM; de Haro, L; Rodriguez, C

IEEE COMMUNICATIONS MAGAZINE, 53 (10):62-68; OCT 2015

[Self-Adaptive Strategy Based on Fuzzy Control Systems for Improving Performance in Wireless Sensors Networks](#)-Q1

Diaz, VH; Martinez, JF; Martinez, NL; del Toro, RM

SENSORS, 15 (9):24125-24142; 10.3390/s150924125 SEP 2015

[NONLINEAR STABILITY OF A HETEROGENEOUS STATE IN A PDE-ODE MODEL FOR ACID-MEDIATED TUMOR INVASION](#)-Q4

Tao, YS; Tello, JI

MATHEMATICAL BIOSCIENCES AND ENGINEERING, 13 (1):193-207;
10.3934/rnbe.2016.13.193 FEB 2015

[An automatic method to detect and track the glottal gap from high speed videoendoscopic images](#)-Q3

Andrade-Miranda, G; Godino-Llorente, JI; Moro-Velazquez, L; Gomez-Garcia, JA

BIOMEDICAL ENGINEERING ONLINE, 14 10.1186/s12938-015-0096-3 OCT 29 2015

[Modulation Spectra Morphological Parameters: A New Method to Assess Voice Pathologies according to the GRBAS Scale](#)-Q3

Moro-Velazquez, L; Gomez-Garcia, JA; Godino-Llorente, JI; Andrade-Miranda, G

BIOMED RESEARCH INTERNATIONAL, 10.1155/2015/259239 2015

[Subir](#)

Centro de Automática y Robótica (CAR)

[Formal methodology for analyzing the dynamic behavior of nonlinear systems using fuzzy logic](#)-Q4

Barragan, AJ; Al-Hadithi, BM; Andujar, JM; Jimenez, A

REVISTA IBEROAMERICANA DE AUTOMATICA E INFORMATICA INDUSTRIAL, 12 (4):434-445; 10.1016/j.riai.2015.09.005 OCT-DEC 2015

[Self-Adaptive Strategy Based on Fuzzy Control Systems for Improving Performance in Wireless Sensors Networks](#)-Q1

Diaz, VH; Martinez, JF; Martinez, NL; del Toro, RM

SENSORS, 15 (9):24125-24142; 10.3390/s150924125 SEP 2015

[A New Approach for Combining Time-of-Flight and RGB Cameras Based on Depth-Dependent Planar Projective Transformations](#)-Q1

Salinas, C; Fernandez, R; Montes, H; Armada, M

SENSORS, 15 (9):24615-24643; 10.3390/s150924615 SEP 2015

[Reusing the Same Coloring in the Child Nodes of the Search Tree for the Maximum Clique Problem](#)-Q4

Nikolaev, A; Batsyn, M; San Segundo, P

LEARNING AND INTELLIGENT OPTIMIZATION, LION 9, 8994 275-280; 10.1007/978-3-319-19084-6_27 2015

[Biophilic Evolutionary Buildings that Restore the Experience of Animality in the City](#)-Q4

Gil, P; Rossi, C; Coral, W

BIOMIMETIC AND BIOHYBRID SYSTEMS, LIVING MACHINES 2015, 9222 465-472; 10.1007/978-3-319-22979-9_47 2015

[Subir](#)

Centro de Biotecnología y Genómica de Plantas (CBGP)

[Occupational allergic multiorgan disease induced by wheat flour-Q1](#)

Gomez-Torrijos, E; Rodriguez-Sanchez, J; Diaz-Perales, A; Garcia, R; Feo, JF; Garcia, C; Pineda, F; Quirce, S

JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY, 136 (4):1114-1116;
10.1016/j.jaci.2015.03.047 OCT 2015

[Transcriptional control of tissue formation throughout root development-Q1](#)

Moreno-Risueno, MA; Sozzani, R; Yardimci, GG; Petricka, JJ; Vernoux, T; Blilou, I; Alonso, J; Winter, CM; Ohler, U; Scheres, B; Benfey, PN

SCIENCE, 350 (6259):426-430; 10.1126/science.aad1171 OCT 23 2015

[Comparative Genomics Within the Bacillus Genus Reveal the Singularities of Two Robust Bacillus amyloliquefaciens Biocontrol Strains-Q1](#)

Magno-Perez-Bryan, MC; Martinez-Garcia, PM; Hierrezuelo, J; Rodriguez-Palenzuela, P; Arrebola, E; Ramos, C; de Vicente, A; Perez-Garcia, A; Romero, D

MOLECULAR PLANT-MICROBE INTERACTIONS, 28 (10):1102-1116; 10.1094/MPM1-02-15-0023-R OCT 2015

[Subir](#)

Centro de Domótica Integral (CEDINT)

No hay documentos este mes.

[Subir](#)

Centro de Electrónica Industrial (CEI)

[Evolutionary Computing and Particle Filtering: A Hardware-Based Motion Estimation System](#)-Q1

Rodriguez, A; Moreno, F

IEEE TRANSACTIONS ON COMPUTERS, 64 (11):3140-3152; 10.1109/TC.2015.2401015
NOV 2015

[Subir](#)

**Centro de Estudios e Investigación para la Gestión de Riesgos Agrarios
Medioambientales (CEIGRAM)**

[River basins as social-ecological systems: linking levels of societal and ecosystem water metabolism in a semiarid watershed-Q1](#)

Cabello, V; Willaarts, BA; Aguilar, M; Ituarte, LD

ECOLOGY AND SOCIETY, 20 (3):10.5751/ES-07778-200320 2015

[Biophysical and sociocultural factors underlying spatial trade-offs of ecosystem services in semiarid watersheds-Q1](#)

Garca-Llorente, M; Iniesta-Arandia, I; Willaarts, BA; Harrison, PA; Berry, P; Bayo, MDM; Castro, AJ; Montes, C; Martin-Lopez, B

ECOLOGY AND SOCIETY, 20 (3):10.5751/ES-07785-200339 2015

[Subir](#)

Centro de Materiales y Dispositivos Avanzados para Tecnologías de la Información y Comunicaciones (CEMDATIC)

[Effects of biologically compatible buffers on the electrical response of gravimetric sensors operating at GHz frequencies-Q1](#)

DeMiguel-Ramos, M; Diaz-Duran, B; Escolano, JM; Olivares, J; Clement, M; Mirea, T; Iborra, E

SENSORS AND ACTUATORS B-CHEMICAL, 222 688-692; 10.1016/j.snb.2015.08.120 JAN 2016

[Bis\(pyridylpyrazolate\)platinum\(II\): a mechanochromic complex useful as a dopant for colour-tunable polymer OLEDs-Q2](#)

Cuerva, C; Campo, JA; Cano, M; Arredondo, B; Romero, B; Oton, E; Oton, JM

NEW JOURNAL OF CHEMISTRY, 39 (11):8467-8473; 10.1039/c5nj01875g 2015

[Subir](#)

Centro Láser

No hay documentos este mes.

[Subir](#)

Centro de Investigación de Materiales Estructurales (CIME)

No hay documentos este mes.

[Subir](#)

Tecnologías del Software y Sistemas Multimedia para la Sostenibilidad (CITSEM)

[Self-Adaptive Strategy Based on Fuzzy Control Systems for Improving Performance in Wireless Sensors Networks-Q1](#)

Díaz, VH; Martínez, JF; Martínez, NL; del Toro, RM

SENSORS, 15 (9):24125-24142; 10.3390/s150924125 SEP 2015

[Subir](#)

Centro de tecnología Biomédica CTB

[Reconstruction and Simulation of Neocortical Microcircuitry-Q1](#)

Markram, H; Muller, E; Ramaswamy, S; Reimann, MW; Abdellah, M; Sanchez, CA; Ailamaki, A; Alonso-Nanclares, L; Antille, N; Arsever, S; Kahou, GAA; Berger, TK; Bilgili, A; Buncic, N; Chalimourda, A; Chindemi, G; Courcol, JD; Delalondre, F; Delattre, V; Druckmann, S; Dumusc, R; Dynes, J; Eilemann, S; Gal, E; Gevaert, ME; Ghobril, JP; Gidon, A; Graham, JW; Gupta, A; Haenel, V; Hay, E; Heinis, T; Hernando, JB; Hines, M; Kanari, L; Keller, D; Kenyon, J; Khazen, G; Kim, Y; King, JG; Kisvarday, Z; Kumbhar, P; Lasserre, S; Le Be, JV; Magalhaes, BRC; Merchan-Perez, A; Meystre, J; Morrice, BR; Muller, J; Munoz-Céspedes, A; Muralidhar, S; Muthurasa, K; Nachbaur, D; Newton, TH; Nolte, M; Ovcharenko, A; Palacios, J; Pastor, L; Perin, R; Ranjan, R; Riachi, I; Rodriguez, JR; Riquelme, JL; Rossert, C; Sfyrikis, K; Shi, Y; Shillcock, JC; Silberberg, G; Silva, R; Tauheed, F; Telefont, M; Toledo-Rodriguez, M; Trankler, T; Van Geit, W; Diaz, JV; Walker, R; Wang, Y; Zaninetta, SM; DeFelipe, J; Hill, SL; Segev, I; Schurmann, F

CELL, 163 (2):456-492; 10.1016/j.cell.2015.09.029 OCT 8 2015

[Face, content, and construct validity of the EndoViS training system for objective assessment of psychomotor skills of laparoscopic surgeons-Q1](#)

Escamirosa, FP; Flores, RMO; Garcia, IO; Vidal, CRZ; Martinez, AM

SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES, 29 (11):3392-3403; 10.1007/s00464-014-4032-6 NOV 2015

[Parkinson's Disease Monitoring from Phonation Biomechanics-Q4](#)

Gomez-Vilda, P; Vicente-Torcal, MC; Ferrandez-Vicente, JM; Alvarez-Marquina, A; Rodellar-Biarge, V; Nieto-Lluis, V; Martinez-Olalla, R

ARTIFICIAL COMPUTATION IN BIOLOGY AND MEDICINE, PT I (IWINAC 2015), 9107 238-248; 10.1007/978-3-319-18914-7_25 2015

[A Fuzzy Inference System for Closed-Loop Deep Brain Stimulation in Parkinson's Disease-Q2](#)

Camara, C; Warwick, K; Bruna, R; Aziz, T; del Pozo, F; Maestu, F

JOURNAL OF MEDICAL SYSTEMS, 39 (11):10.1007/s10916-015-0328-x NOV 2015

[An automatic method to detect and track the glottal gap from high speed videoendoscopic images-Q3](#)

Andrade-Miranda, G; Godino-Llorente, JI; Moro-Velazquez, L; Gomez-Garcia, JA

BIOMEDICAL ENGINEERING ONLINE, 14 10.1186/s12938-015-0096-3 OCT 29 2015

[Randomized, Placebo-Controlled Trial of Dobutamine for Low Superior Vena Cava Flow in Infants-Q1](#)

Bravo, MC; Lopez-Ortego, P; Sanchez, L; Riera, J; Madero, R; Cabanas, F; Pellicer, A

JOURNAL OF PEDIATRICS, 167 (3):572-+; 10.1016/j.jpeds.2015.05.037 SEP 2015

[Selective monostability in multi-stable systems-Q1](#)

Sevilla-Escoboza, R; Pisarchik, AN; Jaimes-Reateguil, R; Huerta-Cuellar, G

PROCEEDINGS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL AND ENGINEERING SCIENCES, 471 (2180):10.1098/rspa.2015.0005 AUG 8 2015

[The cost of attack in competing networks-Q1](#)

Podobnik, B; Horvatic, D; Lipic, T; Perc, M; Buldu, JM; Stanley, HE

JOURNAL OF THE ROYAL SOCIETY INTERFACE, 12 (112):10.1098/rsif.2015.0770 NOV 6 2015

[Deterministic coherence resonance in coupled chaotic oscillators with frequency mismatch-Q1](#)

Pisarchik, AN; Jaimes-Reateguil, R

PHYSICAL REVIEW E, 92 (5):10.1103/PhysRevE.92.050901 NOV 2 2015

[Optical Absorption Coefficients of Gold Nanorods through Acoustic Waves in an Optical Hyperthermia System-](#)

Escudero, PF; Sanchez, C; del Pozo, F; Serrano, JJ

VI LATIN AMERICAN CONGRESS ON BIOMEDICAL ENGINEERING (CLAIB 2014), 49 51-54; 10.1007/978-3-319-13117-7_14 2014

[Subir](#)

Instituto de Fusión Nuclear (DENIM)

[Meso-scale characterization of lithium distribution in lithium-ion batteries using ion beam analysis techniques-Q1](#)

Gonzalez-Arrabal, R; Panizo-Laiz, M; Fujita, K; Mima, K; Yamazaki, A; Kamiya, T; Oriksa, Y; Uchimoto, Y; Sawada, H; Okuda, C; Kato, Y; Perlado, JM

JOURNAL OF POWER SOURCES, 299 587-595; 10.1016/j.jpowsour.2015.09.022 DEC 20 2015

[Subir](#)

Instituto Universitario de Microgravedad "Ignacio da Riva" (IDR)

[Magnetic Attitude Control for Satellites in Polar or Sun-Synchronous Orbits-Q1](#)

Cubas, J; Farrahi, A; Pindado, S

JOURNAL OF GUIDANCE CONTROL AND DYNAMICS, 38 (10):1947-1958;
10.2514/1.G000751 OCT 2015

[Subir](#)

Instituto de Energía Solar (IES)

[Deposition reactors for solar grade silicon: A comparative thermal analysis of a Siemens reactor and a fluidized bed reactor-Q2](#)

Ramos, A; Filtvedt, WO; Lindholm, D; Ramachandran, PA; Rodriguez, A; del Canizo, C
JOURNAL OF CRYSTAL GROWTH, 431 1-9; 10.1016/j.jcrysgro.2015.08.023 DEC 1 2015

[Nonhydrogenic exciton spectrum in perovskite CH₃ NH₃ PbI₃-Q2](#)

Menendez-Proupin, E; Rios, CLB; Wahnnon, P
PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS, 9 (10):559-563;
10.1002/pssr.201510265 OCT 2015

[Evaluation of the PV Cell Operation Temperature in the Process of Fast Switching to Open-Circuit Mode-Q1](#)

Rumyantsev, VD; Davidyuk, NY; Chekalin, AV; Malevskiy, DA; Pan'chak, AN; Sadchikov, NA; Andreev, VM; Luque, AL
IEEE JOURNAL OF PHOTOVOLTAICS, 5 (6):1715-1721; 10.1109/JPHOTOV.2015.2479464
NOV 2015

[Generalized Optoelectronic Model of Series-Connected Multijunction Solar Cells-Q1](#)

Geisz, JF; Steiner, MA; Garcia, I; France, RM; McMahan, WE; Osterwald, CR; Friedman, DJ
IEEE JOURNAL OF PHOTOVOLTAICS, 5 (6):1827-1839; 10.1109/JPHOTOV.2015.2478072
NOV 2015

[Subir](#)

Instituto Universitario de Investigación del Automóvil (INSIA)

No hay documentos este mes.

[Subir](#)

Instituto Universitario de Sistemas Optoelectrónicos y Microtecnología (ISOM)

[Effect of chain stiffness on the competition between crystallization and glass-formation in model unentangled polymers-Q1](#)

Nguyen, HT; Smith, TB; Hoy, RS; Karayiannis, NC

JOURNAL OF CHEMICAL PHYSICS, 143 (14):10.1063/1.4932193 OCT 14 2015

[Subir](#)

Centro de Investigación del Transporte (TRANSYT)

[New QR Survey Methodologies to Analyze User Perception of Service Quality in Public Transport: The Experience of Madrid-Q4](#)

Guirao, B; Garcia, A; Lopez, ME; Acha, C; Comendador, J

JOURNAL OF PUBLIC TRANSPORTATION, 18 (3):71-88; 2015

[Subir](#)