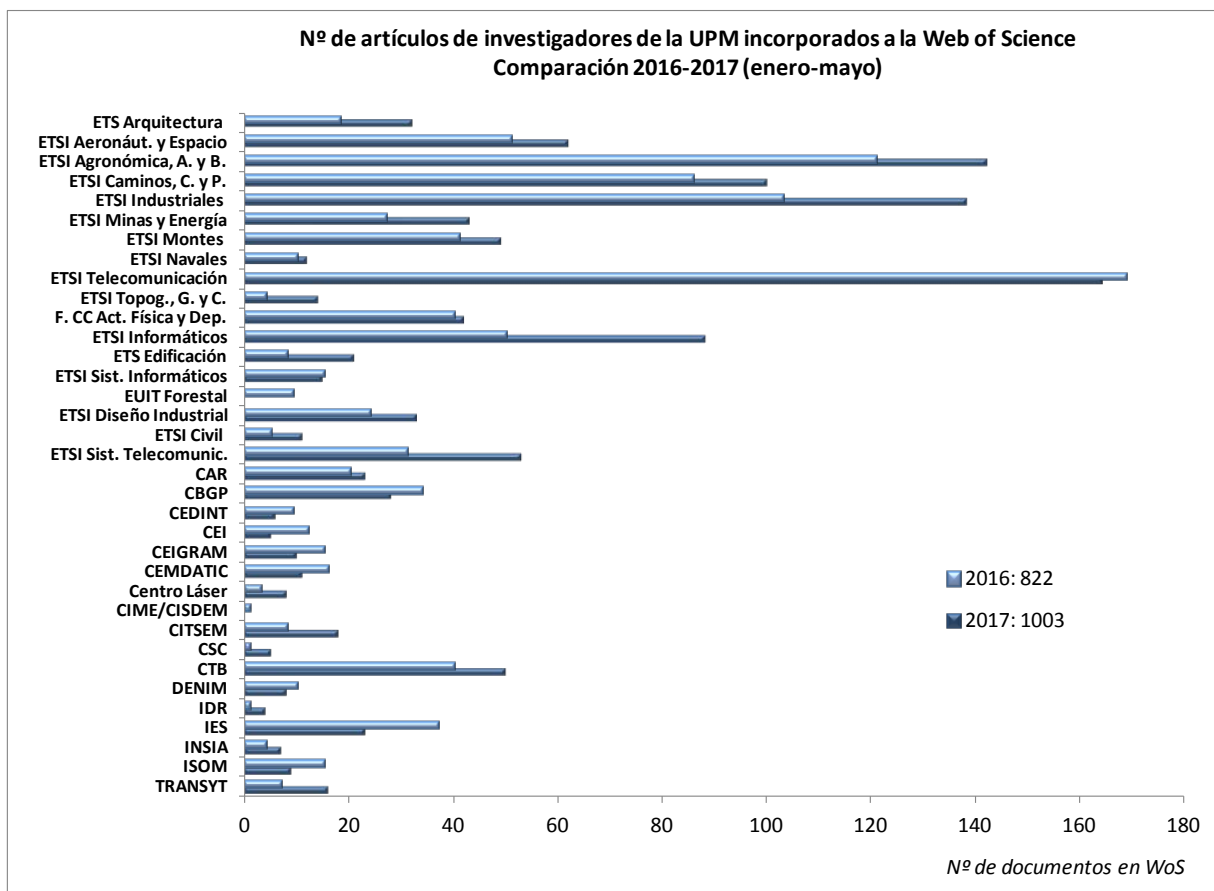


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En el gráfico siguiente se presenta la comparativa 2015-2016 de los documentos de investigación de la Universidad Politécnica de Madrid (UPM) dados de alta en la Web of Science (WoS) acumulados hasta el mes actual. Hay que señalar que la fecha que 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.



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ETS Arquitectura

[A MULTI-CRITERIA APPROACH FOR THE ASSESSMENT OF HOUSING RENOVATION STRATEGIES-](#)

Pombo, O; Allacker, K; Rivela, B; Neila, J

EXPANDING BOUNDARIES: SYSTEMS THINKING IN THE BUILT ENVIRONMENT, 328-333;
2016

[A review of energy efficiency label of street lighting systems-Q3](#)

Gutierrez-Escolar, A; Castillo-Martinez, A; Gomez-Pulido, JM; Gutierrez-Martinez, JM;
Gonzalez-Seco, EPD; Stapic, Z

ENERGY EFFICIENCY, 10 (2):265-282; 10.1007/s12053-016-9454-7 APR 2017

[Evolution of the size of public housing and its comparison with the rest of residential in Madrid between 1940-2010-Q4](#)

Gonzalez, LM; Salgado, CF; Valencia, FE

INFORMES DE LA CONSTRUCCION, 69 (545):10.3989/ic.16.040 JAN-MAR 2017

[Fernando Cassinello Perez, polyhedral architect-Q4](#)

Soler, MC; Garcia-Sanchez, JF

INFORMES DE LA CONSTRUCCION, 69 (545):10.3989/ic.16.083 JAN-MAR 2017

[Assessment of thermal performance of gypsum-based composites with revalorized graphite filler-Q1](#)

Barbero-Barrera, MD; Flores-Medina, N; Perez-Villar, V

CONSTRUCTION AND BUILDING MATERIALS, 142 83-91;
10.1016/j.conbuildmat.2017.03.060 JUL 1 2017

[A review on experimental research using scale models for buildings: Application and methodologies-Q1](#)

Lirola, JM; Castaneda, E; Lauret, B; Khayet, M

ENERGY AND BUILDINGS, 142 72-110; 10.1016/j.enbuild.2017.02.060 MAY 1 2017

[Magnetic behavior of the nanophase of YbNi₂ alloys-Q3](#)

Ivanshin, VA; Gataullin, EM; Sukhanov, AA; Ivanshin, NA; Rojas, DP; Barquin, LF

PHYSICS OF METALS AND METALLOGRAPHY, 118 (4):341-345;
10.1134/S0031918X17040044 APR 2017

[Subir](#)

ETSI Aeronáutica y del Espacio

[Aerodynamic database error filtering via SVD-like methods-Q1](#)

Jarzabek, AA; Moreno, AI; Perales, JM; Vega, JM

AEROSPACE SCIENCE AND TECHNOLOGY, 65 62-77; 10.1016/j.ast.2017.02.007 JUN 2017

[Reinjection Probability Density for Type-III Intermittency With Noise and Lower Boundary of Reinjection-Q2](#)

Elaskar, S; del Rio, E; Costa, A

JOURNAL OF COMPUTATIONAL AND NONLINEAR DYNAMICS, 12 (3):10.1115/1.4034732
MAY 2017

[Maximum mistuning amplification of the forced response vibration of turbomachinery rotors in the presence of aerodynamic damping-Q1](#)

Martel, C; Sanchez-Alvarez, JJ

JOURNAL OF SOUND AND VIBRATION, 397 108-122; 10.1016/j.jsv.2017.02.054 JUN 9
2017

[WYPIWYG hyperelasticity without inversion formula: Application to passive ventricular myocardium-Q1](#)

Latorre, M; Montans, FJ

COMPUTERS & STRUCTURES, 185 47-58; 10.1016/j.compstruc.2017.03.001 JUN 2017

[Coherent structures in statistically stationary homogeneous shear turbulence-Q1](#)

Dong, SW; Lozano-Duran, A; Sekimoto, A; Jimenez, J

JOURNAL OF FLUID MECHANICS, 816 167-208; 10.1017/jfm.2017.78 APR 2017

[Accelerating parametric studies in computational dynamics: Selective modal re-orthogonalization versus model order reduction methods-Q1](#)

Garcia-Martinez, J; Herrada, FJ; Hermanns, LKH; Fraile, A; Montans, FJ

ADVANCES IN ENGINEERING SOFTWARE, 108 24-36; 10.1016/j.advengsoft.2017.02.006
JUN 2017

[Optimal Continuous-Thrust Rephasing Maneuver in Circular Orbit-Q1](#)

Gonzalo, JL; Bombardelli, C

JOURNAL OF GUIDANCE CONTROL AND DYNAMICS, 40 (5):1155-1165;
10.2514/1.G002305 MAY 2017

[Enhancement of heat transfer rate on phase change materials with thermocapillary flows-Q2](#)

Madrugá, S; Mendoza, C

EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS, 226 (6):1169-1176;
10.1140/epjst/e2016-60207-7 APR 2017

[Execution of a parallel edge-based Navier-Stokes solver on commodity graphics processor units-Q4](#)

Corral, R; Gisbert, F; Pueblas, J

INTERNATIONAL JOURNAL OF COMPUTATIONAL FLUID DYNAMICS, 31 (2):93-108;
10.1080/10618562.2017.1294686 2017

[Heat transfer performance and melting dynamic of a phase change material subjected to thermocapillary effects-Q1](#)

Madrugá, S; Mendoza, C

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, 109 501-510;
10.1016/j.ijheatmasstransfer.2017.02.025 JUN 2017

[Effective competition determines the global stability of model ecosystems-Q2](#)

Ferrera, A; Pascual-Garcia, A; Bastolla, U

THEORETICAL ECOLOGY, 10 (2):195-205; 10.1007/s12080-016-0322-z JUN 2017

[Subir](#)

ETSI Agronómica, Alimentaria y de Biosistemas

[Effect of allelic variation at glutenin and puroindoline loci on bread-making quality: favorable combinations occur in less toxic varieties of wheat for celiac patients-Q3](#)

Ribeiro, M; Rodriguez-Quijano, M; Giraldo, P; Pinto, L; Vazquez, JF; Carrillo, JM; Igrejas, G

EUROPEAN FOOD RESEARCH AND TECHNOLOGY, 243 (5):743-752; 10.1007/s00217-016-2788-8 MAY 2017

[Four genes essential for recombination define Glnts, a new type of mobile genomic island widespread in bacteria-Q1](#)

Bardaji, L; Echeverria, M; Rodriguez-Palenzuela, P; Martinez-Garcia, PM; Murillo, J

SCIENTIFIC REPORTS, 7 10.1038/srep46254 APR 10 2017

[Skills development. Case study: student volunteers in scientific congress.-](#)

Moya-Gonzalez, A; Correa, EC; Perez, S; Grijalvo, I; Ruiz-Altisent, M

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 1190-1197; 2016

[Review of different degrees offered abroad related to the Agricultural Engineering to promote the students mobility and new double degrees-](#)

Mazarron, FR; Cerezo, DM; Prieto, CJP; Fernandez, JLG

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 1139-1148; 2016

[Where do they work in the 2015 the graduates of agricultural engineering degrees?-](#)

Castillo, JAG; Schonemann, SB; Prieto, CJP; Fernandez, JLG; Ruiz, MF

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 1131-1138; 2016

[Estimating Scots Pine Wood Volume with Radial Basis Neural Networks-](#)

Gonzalo-Vazquez, G; Ayuga-Tellez, E; Castellanos, A; Sanchez-Medina, A

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 1093-1101; 2016

[Recording and analysis of temperatures: Fresh-cut vegetables from field to table-](#)

Arranz, MG; Diezma, B; Correa, EC; Hinojosa, A; Barreiro, P; Escalona, V

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 1082-1091; 2016

[Adaptation of subjects to be taught in semi-face and non-face modes-](#)

Munoz-Garcia, MA; Benito-Henandez, S; Gilarranz-Casado, CA; Moreda, G; Gutierrez-Grigelmo, T; Sarabia, MB

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 1124-1130; 2016

[Optical sensor to determine plant spacing for precise application-](#)

Perez-Ruiz, M; Garrido, M; Martinez, J; Aguera, J; Slaughter, DC

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 958-966; 2016

[Advanced Characterization of Coffee Fermenting Tanks by Multi-distributed RFID Sensors-](#)

Jimenez-Ariza, T; Correa, EC; Diaz-Barcos, V; Diezma, B; Barreiro, P; Arranz, FJ

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 877-888; 2016

[Separation in situ of feces and urine in fattening pig housing: effect of season-](#)

Alonso, F; Rodriguez, J; Sanchez, E; Massana, J; Ovejero, I; Garcimartin, MA; Vazquez, J

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 783-790; 2016

[Characterization of the solid and liquid fractions obtained by in situ separation of feces and urine in fattening pig facility-](#)

Mateos, A; Del Campo, I; Rebole, A; Rodriguez, M; Ovejero, I

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 791-799; 2016

[Correlation study of pork muscle pH and colour during post-mortem period: PSE and DFD meat-](#)

Bermejo-Poza, R; Villarroel, M; Mitchell, M; Farish, M; De la Fuente, J; Barreiro, P

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 800-808; 2016

[Comparison of the economic value of urban trees through surveys with photographs in two season-](#)

Sanchez-Medina, A; Garcia-Ventura, C; Ayuga-Tellez, E

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 560-569; 2016

[Pavement design procedures for Low Volume Road-](#)

Gallego, E; Moya, M; Ayuga, F

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 496-507; 2016

[Application of an inspection methodology for culverts in a low-volume road network of Extremadura \(Spain\)-](#)

Rodriguez, A; Moya, M; Villar, JR; Ayuga, F

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 474-484; 2016

[The influence of nano-silica addition in precast concrete for livestock facilities-](#)

Massana, J; Leon, N; Alonso, F; Sanchez-Espinosa, E

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 428-438; 2016

[A study of Rioja wineries: winery classes and plant layout-](#)

Gomez, J; Tascon, A; Altuzarra, A; Ayuga, F

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 454-460; 2016

[Soil organic carbon evolution \(1983-2013\) with three tillage systems in a monoculture cereal in a semiarid environment-](#)

Hernanz, JL; Navarrete, L; Sanchez-Giron, V; Sanchez, MJ

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 265-274; 2016

[Estimation of CO2 emissions \(1986-2014\) with three tillage systems in a cereal rotation legume in semiarid environment-](#)

Hernanz, JL; Navarrete, L; Sanchez-Giron, V; Sanchez, MJ

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 275-284; 2016

[Comparative analysis and determination of the optimal system for electrification through photovoltaics on agriculture-](#)

Munoz-Garcia, MA; Wang, H; Moreda, G; Alonso-Garcia, MC

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 37-44; 2016

[Multifaceted role of cycling DOF factor 3 \(CDF3\) in the regulation of flowering time and abiotic stress responses in Arabidopsis-Q1](#)

Corrales, AR; Carrillo, L; Lasierra, P; Nebauer, SG; Dominguez-Figueroa, J; Renau-Morata, B; Pollmann, S; Granell, A; Molina, RV; Vicente-Carbajosa, J; Medina, J

PLANT CELL AND ENVIRONMENT, 40 (5):748-764; 10.1111/pce.12894 MAY 2017

[Fast Fluorescence Spectroscopy Methodology to Monitor the Evolution of Extra Virgin Olive Oils Under Illumination-Q1](#)

Hernandez-Sanchez, N; Lleo, L; Ammari, F; Cuadrado, TR; Roger, JM

FOOD AND BIOPROCESS TECHNOLOGY, 10 (5):949-961; 10.1007/s11947-017-1866-7 MAY 2017

[CFD Simulation of Airflow and Heat Transfer During Forced-Air Precooling of Apples-Q3](#)

Han, JW; Badia-Melis, R; Yang, XT; Ruiz-garcia, L; Qian, JP; Zhao, CJ

JOURNAL OF FOOD PROCESS ENGINEERING, 40 (2):10.1111/jfpe.12390 APR 2017

[Comparative effect of ZnO NPs, ZnO bulk and ZnSO4 in the antioxidant defences of two plant species growing in two agricultural soils under greenhouse conditions-Q1](#)

Garcia-Gomez, C; Obrador, A; Gonzalez, D; Babin, M; Fernandez, MD

SCIENCE OF THE TOTAL ENVIRONMENT, 589 11-24; 10.1016/j.scitotenv.2017.02.153 JUL 1 2017

[Regulation of Translation by TOR, eIF4E and eIF2 alpha in Plants: Current Knowledge, Challenges and Future Perspectives-Q1](#)

Sesma, A; Castresana, C; Castellano, MM

FRONTIERS IN PLANT SCIENCE, 8 10.3389/fpls.2017.00644 APR 26 2017

[Stationary and stable light-beam propagation in Kerr media with nonlinear absorption with controllable dissipation patterns-Q1](#)

Porras, MA; Ruiz-Jimenez, C; Carvalho, M

PHYSICAL REVIEW A, 95 (4):10.1103/PhysRevA.95.043816 APR 12 2017

[Explaining food insecurity among indigenous households of the Sierra Tarahumara in the Mexican state of Chihuahua-Q2](#)

Authors:Cordero-Ahiman, OV; Santellano-Estrada, E; Garrido, A

SPANISH JOURNAL OF AGRICULTURAL RESEARCH, 15 (1):10.5424/sjar/2017151-10151
MAR 2017

[A Real Option Analysis applied to the production of Arabica and Robusta Coffee in Ecuador-Q2](#)

Jacome, AR; Garrido, A

SPANISH JOURNAL OF AGRICULTURAL RESEARCH, 15 (1):10.5424/sjar/2017151-10098
MAR 2017

[Response of rainbow trout \(*Oncorhynchus mykiss*\) to mirror images-Q2](#)

Rauw, WM; Garcia-Cortes, LA; Villarroel, M; Gomez-Raya, L

SPANISH JOURNAL OF AGRICULTURAL RESEARCH, 15 (1):10.5424/sjar/2017151-10136
MAR 2017

[A comparison of self-reported emotional and implicit responses to aromas in beer-Q1](#)

Beyts, C; Chaya, C; Dehrmann, F; James, S; Smart, K; Hort, J

FOOD QUALITY AND PREFERENCE, 59 68-80; 10.1016/j.foodqual.2017.02.006 JUL 2017

[In vitro and field efficacy of three fungicides against Fusarium bulb rot of garlic-Q2](#)

Paton, LG; Marrero, MDR; Llamas, DP

EUROPEAN JOURNAL OF PLANT PATHOLOGY, 148 (2):321-328; 10.1007/s10658-016-1091-7 JUN 2017

[Suppression of Plant Immune Responses by the Pseudomonas savastanoi pv. savastanoi NCPPB 3335 Type III Effector Tyrosine Phosphatases HopAO1 and HopAO2-Q1](#)

Castaneda-Ojeda, MP; Moreno-Perez, A; Ramos, C; Lopez-Solanilla, E

FRONTIERS IN PLANT SCIENCE, 8 10.3389/fpls.2017.00680 MAY 5 2017

[Thermophysiological, haematological, biochemical and behavioural stress responses of sheep transported on road-Q2](#)

Pascual-Alonso, M; Miranda-de la Lama, GC; Aguayo-Ulloa, L; Villarroel, M; Mitchell, M; Maria, GA

JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, 101 (3):541-551; 10.1111/jpn.12455 JUN 2017

[Multifactorial Modulation of Food-induced Anaphylaxis-Q1](#)

Benede, S; Garrido-Arandia, M; Martin-Pedraza, L; Bueno, C; Diaz-Perales, A; Villalba, M

FRONTIERS IN IMMUNOLOGY, 8 10.3389/fimmu.2017.00552 MAY 16 2017

[Preface-Q4](#)

Deserable, D; Hoffmann, R; Martinez, GJ

JOURNAL OF CELLULAR AUTOMATA, 11 (1):1-3; 2016

ETSI Caminos, Canales y Puertos

[Users' perceptions and willingness to pay in interurban toll roads: identifying differences across regions from a nationwide survey in Spain-Q2](#)

Gomez, J; Papanikolaou, A; Vassallo, JM

TRANSPORTATION, 44 (3):449-474; 10.1007/s11116-015-9662-6 MAY 2017

[Differential Galois theory and Darboux transformations for Integrable Systems-Q3](#)

Jimenez, S; Morales-Ruiz, JJ; Sanchez-Cauce, R; Zurro, MA

JOURNAL OF GEOMETRY AND PHYSICS, 115 75-88; 10.1016/j.geomphys.2016.06.016
MAY 2017

[Mapping groundwater level and aquifer storage variations from InSAR measurements in the Madrid aquifer, Central Spain-Q1](#)

Bejar-Pizarro, M; Ezquerro, P; Herrera, G; Tomas, R; Guardiola-Albert, C; Hernandez, JMR; Merodo, JAF; Marchamalo, M; Martinez, R

JOURNAL OF HYDROLOGY, 547 678-689; 10.1016/j.jhydrol.2017.02.011 APR 2017

[Bulging bifurcation of inflated circular cylinders of doubly fiber-reinforced hyperelastic material under axial loading and swelling-Q1](#)

Demirkoparan, H; Merodio, J

MATHEMATICS AND MECHANICS OF SOLIDS, 22 (4):666-682;
10.1177/1081286515600045 APR 2017

[The influence of nano-silica addition in precast concrete for livestock facilities-](#)

Massana, J; Leon, N; Alonso, F; Sanchez-Espinosa, E

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA
AGRICULTURA MEDITERRANEA, 428-438; 2016

[Obtention of the constitutive equation of hydride blisters in fuel cladding from nanoindentation tests-Q1](#)

Rengel, MAM; Gomez, FJ; Rico, A; Ruiz-Hervias, J; Rodriguez, J

JOURNAL OF NUCLEAR MATERIALS, 487 220-228; 10.1016/j.jnucmat.2017.02.001 APR 2017

[Application of WIM to pavement design. Effect of WIM accuracy-Q4](#)

Bermejo, JL; Mayora, JMP

INFORMES DE LA CONSTRUCCION, 69 (545):10.3989/ic.16.054 JAN-MAR 2017

[Improved Measurement of Elastic Properties of Cells by Micropipette Aspiration and Its Application to Lymphocytes-Q1](#)

Esteban-Manzanares, G; Gonzalez-Bermudez, B; Cruces, J; De la Fuente, M; Li, QX; Guinea, GV; Perez-Rigueiro, J; Elices, M; Plaza, GR

ANNALS OF BIOMEDICAL ENGINEERING, 45 (5):1375-1385; 10.1007/s10439-017-1795-7 MAY 2017

[Production of High Performance Bioinspired Silk Fibers by Straining Flow Spinning-Q1](#)

Madurga, R; Ganan-Calvo, AM; Plaza, GR; Guinea, GV; Elices, M; Perez-Rigueiro, J

BIOMACROMOLECULES, 18 (4):1127-1133; 10.1021/acs.biomac.6b01757 APR 2017

[Ireneo Peral: Forty Years as Mentor-Q1](#)

Abdellaoui, B; Aguilar, JA; Barrios, B; Colorado, E; Charro, F; Azorero, JG; Medina, M; Merchan, S; Montoro, L; Primo, A

ADVANCED NONLINEAR STUDIES, 17 (2):217-243; SI 10.1515/ans-2017-0003 MAY 2017

[Is EU financial support enhancing, the economic performance of PPP projects? An empirical analysis on the case of spanish road infrastructure-Q1](#)

Garrido, L; Gomez, J; Baeza, MD; Vassallo, JM

TRANSPORT POLICY, 56 19-28; 10.1016/j.tranpol.2017.02.010 MAY 2017

[Methodology to Assess the Effects of ICT-measures on Emissions. The Case Study of Madrid-](#)

Monzon, A; Garcia-Castro, A; Valdes, C

PROCEEDINGS OF THE 16TH INTERNATIONAL SCIENTIFIC CONFERENCE RELIABILITY AND STATISTICS IN TRANSPORTATION AND COMMUNICATION (RELSTAT-2016), 178 13-23; 10.1016/j.proeng.2017.01.054 2017

[Fibre reinforced concrete with a combination of polyolefin and steel-hooked fibres-Q1](#)

Alberti, MG; Enfedaque, A; Galvez, JC

COMPOSITE STRUCTURES, 171 317-325; 10.1016/j.compstruct.2017.03.033 JUL 1 2017

[Study of the hoop fracture behaviour of nuclear fuel cladding from ring compression tests by means of non-linear optimization techniques-Q1](#)

Gomez, FJ; Rengel, MAM; Ruiz-Hervias, J; Puerta, MA

JOURNAL OF NUCLEAR MATERIALS, 489 150-157; 10.1016/j.jnucmat.2017.03.043 JUN 2017

[Computational micromechanics of fiber kinking in unidirectional FRP under different environmental conditions-Q1](#)

Naya, F; Herraiz, M; Lopes, CS; Gonzalez, C; Van der Veen, S; Pons, F

COMPOSITES SCIENCE AND TECHNOLOGY, 144 26-35; 10.1016/j.compscitech.2017.03.014 MAY 26 2017

[Understanding the effects of transit benefits on employees' travel behavior: Evidence from the New York-New Jersey region-Q1](#)

Bueno, PC; Gomez, J; Peters, JR; Vassallo, JM

TRANSPORTATION RESEARCH PART A-POLICY AND PRACTICE, 99 1-13;
10.1016/j.tra.2017.02.009 MAY 2017

[Residual Stress Measurements of Alumina-Zirconia Ceramics by Time-of-Flight Neutron Diffraction-](#)

Fan, KY; Ruiz-Hervias, J; Gurauskis, J; Baudin, C

RESIDUAL STRESSES 2016: ICRS-10, 2 157-162; 10.21741/9781945291173-27 2017

[Evaluation of the Impact of Arterial Wall Viscosity in Pressure Morphology by Means of a Simplified 1D Model-](#)

Castillo, FG; Cymberknop, LJ; Alfonso, MR; Sartore, MM; Armentano, RL

2016 38TH ANNUAL INTERNATIONAL CONFERENCE OF THE IEEE ENGINEERING IN
MEDICINE AND BIOLOGY SOCIETY (EMBC), 2656-2658; 2016

[Subir](#)

ETSI Industriales

[Data-driven prognostics using a combination of constrained K-means clustering, fuzzy modeling and LOF-based score-Q1](#)

Diez-Olivan, A; Pagan, JA; Sanz, R; Sierra, B

NEUROCOMPUTING, 241 97-107; 10.1016/j.neucom.2017.02.024 JUN 7 2017

[Communicating airport noise emission data to the general public-Q1](#)

Gasco, L; Asensio, C; de Arcas, G

SCIENCE OF THE TOTAL ENVIRONMENT, 586 836-848; 10.1016/j.scitotenv.2017.02.063
MAY 15 2017

[Assessment of Arc Welding Process Through the Combination of TOPSIS-AHP Methods with Fuzzy Logic-Q3](#)

Sanchez-Lozano, JM; Meseguer-Valdenebro, JL; Portoles, A

TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, 70 (4):935-946; 10.1007/s12666-016-0884-x MAY 2017

[Unexpected increase in the oxidation capacity of the urban atmosphere of Madrid, Spain-Q1](#)

Saiz-Lopez, A; Borge, R; Notario, A; Adame, JA; De la Paz, D; Querol, X; Artinano, B; Gomez-Moreno, FJ; Cuevas, CA

SCIENTIFIC REPORTS, 7 10.1038/srep45956 APR 11 2017

[Estimation of Voltage Sags From a Limited Set of Monitors in Power Systems-Q2](#)

Zambrano, X; Hernandez, A; Izzeddine, M; de Castro, RM

IEEE TRANSACTIONS ON POWER DELIVERY, 32 (2):656-665;
10.1109/TPWRD.2016.2594232 APR 2017

[Teaching Wireless Sensor Networks to Master and PhD Students Based on the Cookie Node-](#)

Mujica, G; Portilla, J; Riesgo, T

2016 CONFERENCE ON DESIGN OF CIRCUITS AND INTEGRATED SYSTEMS (DCIS 2016), 167-172; 2016

[Teaching Hybrid HW/SW Embedded System Design Using FPGA-Based Devices-](#)

Rodriguez, A; Portilla, J; de la Torre, E; Riesgo, T

2016 CONFERENCE ON DESIGN OF CIRCUITS AND INTEGRATED SYSTEMS (DCIS 2016), 161-165; 2016

[Efficient and accurate modeling of rigid rods-Q3](#)

Pan, YJ; Callejo, A; Bueno, J; Wehage, R; de Jalon, JG

MULTIBODY SYSTEM DYNAMICS, 40 (1):23-42; 10.1007/s11044-016-9520-0 MAY 2017

[Understanding the ion-induced elongation of silver nanoparticles embedded in silica-Q1](#)

Pena-Rodriguez, O; Prada, A; Olivares, J; Oliver, A; Rodriguez-Fernandez, L; Silva-Pereyra, HG; Bringa, E; Perlado, JM; Rivera, A

SCIENTIFIC REPORTS, 7 10.1038/s41598-017-01145-0 APR 19 2017

[Internal sudden short-circuit response of a new HSBDS for brushless synchronous machines tested on a 15 MVA generator-Q2](#)

Rebollo, E; Platero, CA; Blazquez, F; Granizo, R

IET ELECTRIC POWER APPLICATIONS, 11 (4):495-503; 10.1049/iet-epa.2016.0525 APR 2017

[Accelerating parametric studies in computational dynamics: Selective modal re-orthogonalization versus model order reduction methods-Q1](#)

Garcia-Martinez, J; Herrada, FJ; Hermanns, LKH; Fraile, A; Montans, FJ

ADVANCES IN ENGINEERING SOFTWARE, 108 24-36; 10.1016/j.advensoft.2017.02.006
JUN 2017

[Methodology to evaluate the environmental impact of urban solid waste containerization system: A case study-Q1](#)

Perez, J; Lumbreras, J; de la Paz, D; Rodriguez, E

JOURNAL OF CLEANER PRODUCTION, 150 197-213; 10.1016/j.jclepro.2017.03.003 MAY 1
2017

[A method for estimating the influence of advanced manufacturing tools on the manufacturing competitiveness of Maquiladoras in the apparel industry in Central America-Q2](#)

Ocampo, JR; Hernandez-Matias, JC; Vizan, A

COMPUTERS IN INDUSTRY, 87 31-51; 10.1016/j.compind.2017.02.001 MAY 2017

[Numerical Study of Blood Clots Influence on the Flow Pattern and Platelet Activation on a Stented Bifurcation Model-Q1](#)

Carrascal, PG; Garcia, JG; Pallares, JS; Ruiz, FC; Martin, FJM

ANNALS OF BIOMEDICAL ENGINEERING, 45 (5):1279-1291; 10.1007/s10439-016-1782-4
MAY 2017

[MASS MEDIA COMMUNICATION OF EMERGENCY ISSUES AND COUNTERMEASURES IN A NUCLEAR ACCIDENT: FUKUSHIMA REPORTING IN EUROPEAN NEWSPAPERS-Q3](#)

Gallego, E; Cantone, MC; Oughton, DH; Perko, T; Prezelj, I; Tomkiv, Y

RADIATION PROTECTION DOSIMETRY, 173 (1-3):163-169; 10.1093/rpd/ncw334 APR
2017

[Effects of bifurcation-specific and conventional stents on coronary bifurcation flow. An experimental and numerical study-Q2](#)

Garcia, JG; Carrascal, PG; Ruiz, FC; Martin, FM; Fernandez, JA

JOURNAL OF BIOMECHANICS, 54 64-72; 10.1016/j.jbiomech.2017.01.043 MAR 21 2017

[Design and implementation of a web application to estimate the surface density of implanted ions in solid substrates-](#)

Gutierrez, BRP; Vera-Rivera, FH; Nino, EDV

II COLOMBIAN CONGRESS OF ELECTROCHEMISTRY (CCEQ) AND 2ND SYMPOSIUM ON NANOSCIENCE AND NANOTECHNOLOGY (SNN), 786 10.1088/1742-6596/786/1/012015 2017

[COMBINING MONTE CARLO SIMULATION WITH HEURISTICS TO SOLVE A RICH AND REAL-LIFE MULTI-DEPOT VEHICLE ROUTING PROBLEM-](#)

Aleman, G; de Armas, J; Juan, AA; Garcia-Sanchez, A; Garcia-Meizoso, R; Ortega-Mier, M

2016 WINTER SIMULATION CONFERENCE (WSC), 2466-2474; 2016

[Railway Traffic Conflict Detection via a State Transition Prediction Approach-Q1](#)

Zhu, TM; de Pedro, JMMS

IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, 18 (5):1268-1278; 10.1109/TITS.2016.2603441 MAY 2017

[Design of a rib impactor equipment-](#)

Torres, CR; Garcia, G; Aguilar, LA; Martinez, L

VIII INTERNATIONAL CONGRESS OF ENGINEERING PHYSICS, 792 10.1088/1742-6596/792/1/012072 2017

[Improved Predictive Direct Power Control of Doubly Fed Induction Generator During Unbalanced Grid Voltage Based on Four Vectors-Q1](#)

Zarei, ME; Nicolas, CV; Arribas, JR

IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS, 5 (2):695-707; SI 10.1109/JESTPE.2016.2611004 JUN 2017

[Fabrication of Monodispersed Au@SiO₂ Nanoparticles with Highly Stable Silica Layers by Ultrasound-Assisted Stober Method-Q1](#)

Montano-Priede, JL; Coelho, JP; Guerrero-Martinez, A; Pena-Rodriguez, O; Pal, U

JOURNAL OF PHYSICAL CHEMISTRY C, 121 (17):9543-9551; 10.1021/acs.jpcc.7b00933
MAY 4 2017

[A Simulation Tool as a Support for Teaching the Concepts of Urban Traffic Flow-Q3](#)

Jimenez, F; Monzon, S

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, 25 (2):320-329;
10.1002/cae.21800 MAR 2017

[Easy Preparation of Electrode Surfaces with Dispersed Size-Controlled Au Nanoparticles by Electrodeposited PPI-Dendrimers as Templates-Q1](#)

Villena, C; Losada, J; Alonso, B; Casado, CM; Armada, MPG

JOURNAL OF THE ELECTROCHEMICAL SOCIETY, 164 (6):I1396-I1406;
10.1149/2.1611706jes 2017

[Designing Educational Video Games to Improve Spatial Learning-](#)

Perez, B; Vera, FH; Gonzalez, D; V-Nino, ED

PROCEEDINGS OF THE 2016 XLII LATIN AMERICAN COMPUTING CONFERENCE (CLEI),
2016

[Subir](#)

ETSI Minas y Energía

[Polycyclic Aromatic Hydrocarbons \(PAHs\) produced in the combustion of fatty acid alkyl esters from different feedstocks: Quantification, statistical analysis and mechanisms of formation-Q1](#)

Llamas, A; Al-Lal, AM; Garcia-Martinez, MJ; Ortega, MF; Llamas, JF; Lapuerta, M; Canoira, L

SCIENCE OF THE TOTAL ENVIRONMENT, 586 446-456; 10.1016/j.scitotenv.2017.01.180
MAY 15 2017

[Sorption and thermodynamic properties of wood of Pinus canariensis C. Sm. ex DC. buried in volcanic ash during eruption-Q1](#)

Simon, C; Esteban, LG; de Palacios, P; Fernandez, FG; Garcia-Iruela, A; Martin-Sampedro, R; Eugenio, ME

WOOD SCIENCE AND TECHNOLOGY, 51 (3):517-534; 10.1007/s00226-016-0884-3 MAY
2017

[A Modeling Approach to Assess the Key Factors in the Evolution of Coastal Systems: the Ebro North Hemidelta Case-Q1](#)

Barrio-Parra, F; Rodriguez-Santalla, I; Taborda, R; Ribeiro, M

ESTUARIES AND COASTS, 40 (3):758-772; 10.1007/s12237-016-0183-0 MAY 2017

[Early metal pollution in southwestern Europe: the former littoral lagoon of El Almarjal \(Cartagena mining district, SE Spain\). A sedimentary archive more than 8000 years old-Q2](#)

Manteca, JI; Ros-Sala, M; Ramallo-Asensio, S; Navarro-Hervas, F; Rodriguez-Estrella, T; Cerezo-Andreo, F; Ortiz-Menendez, JE; de-Torres, T; Martinez-Andreu, M

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 24 (11):10584-10603;
10.1007/s11356-017-8682-5 APR 2017

[Zeolitic tuffs for acid mine drainage \(AMD\) treatment in Ecuador: breakthrough curves for Mn²⁺, Cd²⁺, Cr³⁺, Zn²⁺, and Al³⁺-Q2](#)

Buenano, X; Canoira, L; Sanchez, DM; Costafreda, J

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 24 (7):6794-6806;
10.1007/s11356-016-8177-9 MAR 2017

[Verification of AP1000 \(R\) low-margin PRA sequences based on best-estimate calculations-Q2](#)

Queral, C; Montero-Mayorga, J; Rivas-Lewicky, J; Rebollo, MJ

ANNALS OF NUCLEAR ENERGY, 104 9-27; 10.1016/j.anucene.2017.02.001 JUN 2017

[Neanderthal highlanders: Las Callejuelas \(Monteagudo del Castillo, Teruel, Spain\), a high-altitude site occupied during MIS 5-Q2](#)

Domingo, R; Pena-Monne, JL; de Torres, T; Ortiz, JE; Utrilla, P

QUATERNARY INTERNATIONAL, 435 129-143; 10.1016/j.quaint.2015.09.088 A APR 12
2017

[Stationary and stable light-beam propagation in Kerr media with nonlinear absorption with controllable dissipation patterns-Q1](#)

Porras, MA; Ruiz-Jimenez, C; Carvalho, M

PHYSICAL REVIEW A, 95 (4):10.1103/PhysRevA.95.043816 APR 12 2017

[The Learning Improvement of Engineering Students using Peer-Created Complementary Resources-Q3](#)

Sein-Echaluce, ML; Fidalgo-Blanco, A; Esteban-Escano, J; Garcia, F

INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, 33 (2):927-937; SI B 2017

[Price computation in electricity auctions with complex rules: An analysis of investment signals-Q1](#)

Vazquez, C; Hallack, M; Vazquez, M

ENERGY POLICY, 105 550-561; 10.1016/j.enpol.2017.02.003 JUN 2017

[A Distribution-Free Description of Fragmentation by Blasting Based on Dimensional Analysis-Q1](#)

Sanchidrian, JA; Ouchterlony, F

ROCK MECHANICS AND ROCK ENGINEERING, 50 (4):781-806; 10.1007/s00603-016-1131-9 APR 2017

[Percentile Fragment Size Predictions for Blasted Rock and the Fragmentation-Energy Fan-Q1](#)

Ouchterlony, F; Sanchidrian, JA; Moser, P

ROCK MECHANICS AND ROCK ENGINEERING, 50 (4):751-779; 10.1007/s00603-016-1094-x APR 2017

[Current Status and Applications of Integrated Safety Assessment and Simulation Code System for ISA-Q3](#)

Izquierdo, JM; Hortal, J; Perea, MS; Melendez, E; Queral, C; Rivas-Lewicky, J

NUCLEAR ENGINEERING AND TECHNOLOGY, 49 (2):295-305; SI
10.1016/j.net.2017.01.013 MAR 2017

[Subir](#)

ETSI Montes, Forestal y del Medio Natural

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

ETSI Montes

[Evaluating landscape connectivity in fragmented habitats: Cantabrian capercaillie \(Tetrao urogallus cantabricus\) in northern Spain-Q1](#)

Veazquez, J; Gutierrez, J; Hernando, A; Garcia-Abril, A

FOREST ECOLOGY AND MANAGEMENT, 389 59-67; 10.1016/j.foreco.2016.12.006 APR 1 2017

[Analysis of the information about doctoral degrees presented in the Spanish universities websites-](#)

Garcia-Ventura, C; Sanchez-Medina, A; Ayuga-Tellez, E

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 1158-1169; 2016

[Native Mediterranean vegetation management to minimize the impact produced by a golf course-](#)

Garcia-Ventura, C; Gonzalez-Garcia, C; Camara-Hurtado, RM; Garcia-Garcia, MJ

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 639-649; 2016

[Comparison of the economic value of urban trees through surveys with photographs in two season-](#)

Sanchez-Medina, A; Garcia-Ventura, C; Ayuga-Tellez, E

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 560-569; 2016

[Soil organic carbon evolution \(1983-2013\) with three tillage systems in a monoculture cereal in a semiarid environment-](#)

Hernanz, JL; Navarrete, L; Sanchez-Giron, V; Sanchez, MJ

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 265-274; 2016

[Estimation of CO2 emissions \(1986-2014\) with three tillage systems in a cereal rotation legume in semiarid environment-](#)

Hernanz, JL; Navarrete, L; Sanchez-Giron, V; Sanchez, MJ

VIII CONGRESO IBERICO DE AGROINGENIERIA LIBRO DE ACTAS: RETOS DE LA NUEVA AGRICULTURA MEDITERRANEA, 275-284; 2016

[Does soil fauna like truffles just as humans do? One-year study of biodiversity in natural brules of *Tuber aestivum* Vittad-Q1](#)

Pinto, S; Gatti, F; Garcia-Montero, LG; Menta, C

SCIENCE OF THE TOTAL ENVIRONMENT, 584 1175-1184;
10.1016/j.scitotenv.2017.01.181 APR 15 2017

[Evaluating landscape connectivity in fragmented habitats: Cantabrian capercaillie \(*Tetrao urogallus cantabricus*\) in northern Spain-Q1](#)

Velazquez, J; Gutierrez, J; Hernando, A; Garcia-Abril, A

FOREST ECOLOGY AND MANAGEMENT, 389 59-67; 10.1016/j.foreco.2016.12.006 APR 1 2017

[Floaters may buffer the extinction risk of small populations: an empirical assessment-Q1](#)

Robles, H; Ciudad, C

PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES, 284 (1853):10.1098/rspb.2017.0074 APR 26 2017

[Response of fish communities in rivers subjected to a high sediment load-Q3](#)

Valero, C; Alonso, C; De Miguel, RJ; Fernandez-Delgado, C; de Jalon, DG

LIMNOLOGICA, 62 142-150; 10.1016/j.limno.2016.04.002 JAN 2017

[The extent of forest in dryland biomes-Q1](#)

Bastin, JF; Berrahmouni, N; Grainger, A; Maniatis, D; Mollicone, D; Moore, R; Patriarca, C; Picard, N; Sparrow, B; Abraham, EM; Aloui, K; Atesoglu, A; Attore, F; Bassullu, C; Bey, A; Garzuglia, M; Garcia-Montero, LG; Groot, N; Guerin, G; Laestadius, L; Lowe, AJ; Mamane, B; Marchi, G; Patterson, P; Rezende, M; Ricci, S; Salcedo, I; Diaz, ASP; Stolle, F; Surappaeva, V; Castro, R

SCIENCE, 356 (6338):635-+; 10.1126/science.aam6527 MAY 12 2017

[Short-Chain Chitin Oligomers: Promoters of Plant Growth-Q1](#)

Winkler, AJ; Dominguez-Nunez, JA; Aranaz, I; Poza-Carrion, C; Ramonell, K; Somerville, S; Berrocal-Lobo, M

MARINE DRUGS, 15 (2):10.3390/md15020040 FEB 2017

[Feeding by Scolytus bark beetles to test for differently susceptible elm varieties-Q2](#)

Anderbrant, O; Yuvaraj, JK; Martin, JA; Gil, L; Witzell, J

JOURNAL OF APPLIED ENTOMOLOGY, 141 (5):417-420; 10.1111/jen.12354 JUN 2017

[Subir](#)

EUIT Forestal

No hay documentos este mes.

[Subir](#)

ETSI Navales

[Impact of mooring lines dynamics on the fatigue and ultimate loads of three offshore floating wind turbines computed with IEC 61400-3 guideline-Q1](#)

Azcona, J; Palacio, D; Munduate, X; Gonzalez, L; Nygaard, TA

WIND ENERGY, 20 (5):797-813; 10.1002/we.2064 MAY 2017

[Winch control gear for CTD sampling with a system to compensate vertical motion heave when manoeuvring in rough seas-Q1](#)

Carral, L; Rey, JD; Alvarez-Feal, JC; Couce, JC

OCEAN ENGINEERING, 135 246-257; 10.1016/j.oceaneng.2017.03.005 MAY 1 2017

[The incompressibility assumption in computational simulations of nasal airflow-Q2](#)

Cal, IR; Cercos-Pita, JL; Duque, D

COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING, 20 (8):853-868; 10.1080/10255842.2017.1307343 2017

[Subir](#)

ETSI Telecomunicación

[The influence of MOVPE growth conditions on the shell of core-shell GaN microrod structures-Q3](#)

Schimpke, T; Avramescu, A; Koller, A; Fernando-Saavedra, A; Hartmann, J; Ledig, J; Waag, A; Strassburg, M; Lugauer, HJ

JOURNAL OF CRYSTAL GROWTH, 465 34-42; 10.1016/j.jcrysgr.2017.02.035 MAY 1 2017

[MOVPE growth of GaP on Si with As initial coverage-Q3](#)

Navarro, A; Garcia-Tabares, E; Galiana, B; Cano, P; Rey-Stolle, I; Ballesteros, C

JOURNAL OF CRYSTAL GROWTH, 464 8-13; 10.1016/j.jcrysgr.2016.11.077 APR 15 2017

[User's Web Page Aesthetics Opinion: A Matter of Low-Level Image Descriptors Based on MPEG-7-Q2](#)

Uribe, S; Alvarez, F; Menendez, JM

ACM TRANSACTIONS ON THE WEB, 11 (1):10.1145/3019595 APR 2017

[Reconfigurable Writing Architecture for Reliable RRAM Operation in Wide Temperature Ranges-Q2](#)

Garcia-Redondo, F; Royer, P; Lopez-Vallejo, M; Aparicio, H; Ituero, P; Lopez-Barrio, CA

IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS, 25 (4):1224-1235; 10.1109/TVLSI.2016.2634083 APR 2017

[Internet-based training of coronary artery patients: the Heart Cycle Trial-Q2](#)

Skobel, E; Knackstedt, C; Martinez-Romero, A; Salvi, D; Vera-Munoz, C; Napp, A; Luprano, J; Bover, R; Gloggler, S; Bjarnason-Wehrens, B; Marx, N; Rigby, A; Cleland, J

HEART AND VESSELS, 32 (4):408-418; 10.1007/s00380-016-0897-8 APR 2017

[Frailty, Falls, and Functional loss Education: The 3Fights@Edu MOOC perspective-](#)

Carnide, F; Baptista, F; Moura, A; Jensen, AMM; Dias, SB; Langberg, H; Delpozo, F

PROCEEDINGS OF THE 2016 1ST INTERNATIONAL CONFERENCE ON TECHNOLOGY AND INNOVATION IN SPORTS, HEALTH AND WELLBEING (TISHW 2016), 2016

[Characterization of Analog Modules: Reliability Analyses of Radiation, Temperature and Variations Effects-](#)

Garcia-Redondo, F; Aparicio, H; Lopez-Vallejo, M; Ituero, P; Lopez-Barrio, C

2016 CONFERENCE ON DESIGN OF CIRCUITS AND INTEGRATED SYSTEMS (DCIS 2016), 103-107; 2016

[A substrate removal processing method for III-V solar cells compatible with low-temperature characterization-Q1](#)

Villa, J; Ramiro, I; Ripalda, JM; Antolin, E; Garcia, I; Marti, A

MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, 63 58-63;
10.1016/j.mssp.2017.02.003 JUN 2017

[A model for adapting 3D graphics based on scalable coding, real-time simplification and remote rendering \(vol 24, pg 881, 2008\)-Q2](#)

Preda, M; Villegas, P; Moran, F; Lafruit, G; Berretty, RP

VISUAL COMPUTER, 33 (5):687-687; 10.1007/s00371-016-1285-1 MAY 2017

[The effect of Sb-surfactant on GaInP CuPtB type ordering: assessment through dark field TEM and aberration corrected HAADF imaging-Q1](#)

Coll, C; Barrigon, E; Lopez-Conesa, L; Rebled, J; Barrutia, L; Rey-Stolle, I; Estrade, S; Algora, C; Peiro, F

PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 19 (15):9806-9810; 10.1039/c7cp01125c APR 21 2017

[Pursuit-evasion games: a tractable framework for antijamming games in aerial attacks-Q3](#)

Parras, J; Zazo, S; del Val, J; Zazo, J; Macua, SV

EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING,
10.1186/s13638-017-0857-8 APR 17 2017

[Partially coherent sources with circular coherence-Q1](#)

Santarsiero, M; Martinez-Herrero, R; Maluenda, D; de Sande, JCG; Piquero, G; Gori, F

OPTICS LETTERS, 42 (8):1512-1515; 10.1364/OL.42.001512 APR 15 2017

[Static Magnetic Field Stimulation over Parietal Cortex Enhances Somatosensory Detection in Humans-Q1](#)

Carrasco-Lopez, C; Soto-Leon, V; Cespedes, V; Profice, P; Strange, BA; Foffani, G; Oliviero, A

JOURNAL OF NEUROSCIENCE, 37 (14):3840-3847; 10.1523/JNEUROSCI.2123-16.2017
APR 5 2017

[Three-Bandgap Absolute Quantum Efficiency in GaSb/GaAs Quantum Dot Intermediate Band Solar Cells-Q1](#)

Ramiro, I; Antolin, E; Hwang, JY; Teran, A; Martin, AJ; Linares, PG; Millunchick, J; Phillips, J; Marti, A; Luque, A

IEEE JOURNAL OF PHOTOVOLTAICS, 7 (2):508-512; 10.1109/JPHOTOV.2016.2637658
MAR 2017

[Low-Cost Additive Manufacturing: A New Approach to Microwave Waveguide Engineering Education through 3D Printing-Q3](#)

Saracho-Pantoja, IO; Montejo-Garai, JR; Rebollar, JM; Ruiz-Cruz, JA

INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, 33 (2):741-750; A 2017

[Ka band active array antenna for mobile satellite communications-](#)

Castaner, MS; Gonzalez, JMF; Perez, MS; Dominguez, AT; Barrado, AM

2016 INTERNATIONAL SYMPOSIUM ON ANTENNAS AND PROPAGATION (ISAP), 128-129;
2016

[Dynamic Voltage and Frequency Scaling-aware dynamic consolidation of virtual machines for energy efficient cloud data centers-Q3](#)

Arroba, P; Moya, JM; Ayala, JL; Buyya, R

CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, 29
(10):10.1002/cpe.4067 MAY 25 2017

[Gravimetric sensors operating at 1.1 GHz based on inclined c-axis ZnO grown on textured Al electrodes-Q1](#)

Rughoobur, G; DeMiguel-Ramos, M; Escolano, JM; Iborra, E; Flewitt, AJ

SCIENTIFIC REPORTS, 7 10.1038/s41598-017-01545-2 MAY 2 2017

[Frequency response of AlN-based solidly mounted resonators under mechanical stress-Q1](#)

Clement, M; Delicado, A; Olivares, J; Mirea, T; Sangrador, J; Iborra, E

SENSORS AND ACTUATORS A-PHYSICAL, 258 39-43; 10.1016/j.sna.2017.02.028 MAY 1
2017

[Effects of Gd₂O₃ Gate Dielectric on Proton-Irradiated AlGa_N/Ga_N HEMTs-Q1](#)

Gao, Z; Romero, MF; Redondo-Cubero, A; Pampillon, MA; Andres, ES; Calle,
F

IEEE ELECTRON DEVICE LETTERS, 38 (5):611-614; 10.1109/LED.2017.2682795 MAY 2017

[Assessment of a personalized and distributed patient guidance system-Q1](#)

Peleg, M; Shahar, Y; Quaglino, S; Broens, T; Budasu, R; Fung, N; Fux, A; Garcia-Saez, G; Goldstein, A; Gonzalez-Ferrer, A; Hermens, H; Hernando, ME; Jones, V; Klebanov, G; Klimov, D; Knoppel, D; Larburu, N; Marcos, C; Martinez-Sarriegui, I; Napolitano, C; Pallas, A; Palomares, A; Parimbelli, E; Pons, B; Rigla, M; Sacchi, L; Shalom, E; Soffer, P; van Schooten, B

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, 101 108-130;
10.1016/j.ijmedinf.2017.02.010 MAY 2017

[Photovoltaic applications of Cu\(Sb,Bi\)SM \(M = Ag, Pb, Pt\)-Q2](#)

Tablero, C

OPTICAL MATERIALS, 66 453-459; 10.1016/j.optmat.2017.03.003 APR 2017

[Selection of aptamers to Neisseria meningitidis and Streptococcus pneumoniae surface specific proteins and affinity assay using thin film AIN resonators-Q1](#)

Escolano, JM; Diaz-Duran, B; DeMiguel-Ramos, M; Olivares, J; Geday, MA; Iborra, E

SENSORS AND ACTUATORS B-CHEMICAL, 246 591-596; 10.1016/j.snb.2017.02.098 JUL 2017

[Arbitrarily large numbers of kink internal modes in inhomogeneous sine-Gordon equations-Q2](#)

Gonzalez, JA; Bellorin, A; Garcia-Nustes, MA; Guerrero, LE; Jimenez, S; Vazquez, L

PHYSICS LETTERS A, 381 (24):1995-1998; 10.1016/j.physleta.2017.03.042 JUN 28 2017

[MobiGuide: a personalized and patient-centric decision-support system and its evaluation in the atrial fibrillation and gestational diabetes domains-Q1](#)

Peleg, M; Shahar, Y; Quaglino, S; Fux, A; Garcia-Saez, G; Goldstein, A; Hernando, ME; Klimov, D; Martinez-Sarriegui, I; Napolitano, C; Parimbelli, E; Rigla, M; Sacchi, L; Shalom, E; Soffer, P

USER MODELING AND USER-ADAPTED INTERACTION, 27 (2):159-213; 10.1007/s11257-017-9190-5 JUN 2017

[Subjective Assessment of Super Multiview Video with Coding Artifacts-Q2](#)

Recio, R; Carballeira, P; Gutierrez, J; Garcia, N

IEEE SIGNAL PROCESSING LETTERS, 24 (6):868-871; 10.1109/LSP.2017.2695897 JUN 2017

[Rupture risk risk in abdominal aortic aneurysms: A realistic assessment of the explicit GPU approach-Q2](#)

Strbac, V; Pierce, DM; Rodriguez-Vila, B; Sloten, JV; Famaey, N

JOURNAL OF BIOMECHANICS, 56 1-9; 10.1016/j.jbiomech.2017.02.019 MAY 3 2017

[On the Design and Analysis of Reliable RRAM-CMOS Hybrid Circuits-Q2](#)

Garcia-Redondo, F; Lopez-Vallejo, M

IEEE TRANSACTIONS ON NANOTECHNOLOGY, 16 (3):514-522;
10.1109/TNANO.2017.2697311 MAY 2017

[Compact Radar Front-End for an Imaging Radar at 300 GHz-Q1](#)

Grajal, J; Rubio-Cidre, G; Badolato, A; Ubeda-Medina, L; Garcia-Rial, F; Garcia-Pino, A; Rubinos, O

IEEE TRANSACTIONS ON TERAHERTZ SCIENCE AND TECHNOLOGY, 7 (3):268-273;
10.1109/TTHZ.2017.2673544 MAY 2017

[Ventricular Geometry From Non-contrast Non-ECG-gated CT Scans: An Imaging Marker of Cardiopulmonary Disease in Smokers-Q2](#)

Rahaghi, FN; Vegas-Sanchez-Ferrero, G; Minhas, JK; Come, CE; De La Bruere, I; Wells, JM; Gonzalez, G; Bhatt, SP; Fenster, BE; Diaz, AA; Kohli, P; Ross, JC; Lynch, DA; Dransfield, MT; Bowler, RP; Ledesma-Carbayo, MJ; Estepar, RSJ; Washko, GR

ACADEMIC RADIOLOGY, 24 (5):594-602; 10.1016/j.acra.2016.12.007 MAY 2017

[An Easy to Use Open Source Authoring Tool to Create Effective and Reusable Learning Objects-Q3](#)

Gordillo, A; Barra, E; Quemada, J

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, 25 (2):188-199;
10.1002/cae.21789 MAR 2017

[Feasibility Study of a Building- Integrated PV Manager to Power a Last-Mile Electric Vehicle Sharing System-Q3](#)

Fuentes, M; Fraile-Ardanuy, J; Risco-Martin, JL; Moya, JM

INTERNATIONAL JOURNAL OF PHOTOENERGY, 1-12; 10.1155/2017/8679183 2017

[Monitoring of motor and non-motor symptoms of Parkinson's disease through a mHealth platform-](#)

Cancela, J; Mascato, SV; Gatsios, D; Rigas, G; Marcante, A; Gentile, G; Biundo, R; Giglio, M; Chondrogiorgi, M; Vilzmann, R; Konitsiotis, S; Antonini, A; Arredondo, MT; Fotiadis, DI

2016 38TH ANNUAL INTERNATIONAL CONFERENCE OF THE IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY (EMBC), 663-666; 2016

[Subir](#)

ETSI Topografía, Geodesia y Cartografía

[Unsupervised change detection in a particular vegetation land cover type using spectral angle mapper-Q3](#)

Renza, D; Martinez, E; Molina, I; Ballesteros, DM

ADVANCES IN SPACE RESEARCH, 59 (8):2019-2031; 10.1016/j.asr.2017.01.027 APR 15 2017

[3D gravity inversion and uncertainty assessment of basement relief via Particle Swarm Optimization-Q2](#)

Pallero, JLG; Fernandez-Martinez, JL; Bonvalot, S; Fudym, O

JOURNAL OF APPLIED GEOPHYSICS, 139 338-350; 10.1016/j.jappgeo.2017.02.004 APR 2017

[Subir](#)

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

[Fruit and vegetables consumption is associated with higher vitamin intake and blood vitamin status among European adolescents-Q2](#)

Mielgo-Ayuso, J; Valtuena, J; Huybrechts, I; Breidenassel, C; Cuenca-Garcia, M; De Henauw, S; Stehle, P; Kafatos, A; Kersting, M; Widhalm, K; Manios, Y; Azzini, E; Molnar, D; Moreno, LA; Gonzalez-Gross, M

EUROPEAN JOURNAL OF CLINICAL NUTRITION, 71 (4):458-467; 10.1038/ejcn.2016.232 APR 2017

[Gaze Control During Interceptive Actions With Different Spatiotemporal Demands-Q2](#)

Navia, JA; Dicks, M; van der Kamp, J; Ruiz, LM

JOURNAL OF EXPERIMENTAL PSYCHOLOGY-HUMAN PERCEPTION AND PERFORMANCE, 43 (4):783-793; 10.1037/xhp0000347 APR 2017

[Endocrinology of Aging From a Muscle Function Point of View: Results From the Toledo Study for Healthy Aging-Q1](#)

Guadalupe-Grau, A; Carnicero, JA; Losa-Reyna, J; Tresguerres, J; Gomez-Cabrera, MDC; Castillo, C; Alfaro-Acha, A; Rosado-Artalejo, C; Rodriguez-Manas, L; Garcia-Garcia, FJ

JOURNAL OF THE AMERICAN MEDICAL DIRECTORS ASSOCIATION, 18 (3):234-239; 10.1016/j.jamda.2016.09.005 MAR 1 2017

[Has kinesio tape a thermal effect on sprint cycling performance? A thermographic study-](#)

Formenti, D; Ludwig, N; Trecroci, A; Rossi, A; Fernandez-Cuevas, I; Gargano, M; Caumo, A; Alberti, G

13TH QUANTITATIVE INFRARED THERMOGRAPHY CONFERENCE, 275-278; 10.21611/qirt.2016.035 2016

[25-hydroxyvitamin D is differentially associated with calcium intakes of Northern, Central, and Southern European adolescents: Results from the HELENA study-Q2](#)

Julian, C; Gonzalez-Gross, M; Breidenassel, C; Mouratidou, T; Vicente-Rodriguez, G; Gracia-Marco, L; Ferrari, M; Widhalm, K; Molnar, D; Kafatos, A; Gottrand, F; Manios, Y; de La, A; Kersting, M; De Henauw, S; Gunter, MJ; Moreno, L; Huybrechts, I

NUTRITION, 36 22-25; 10.1016/j.nut.2016.08.015 APR 2017

[Ideal cardiovascular health and liver enzyme levels in European adolescents; the HELENA study-Q3](#)

Labayen, I; Ruiz, JR; Huybrechts, I; Ortega, FB; Castillo, M; Sjostrom, M; Gonzalez-Gross, M; Manios, Y; Widhalm, K; Kafatos, A; Breidenassel, C; Rodriguez, G; Dallongeville, J; Gottrand, F; Moreno, LA

JOURNAL OF PHYSIOLOGY AND BIOCHEMISTRY, 73 (2):225-234; 10.1007/s13105-016-0546-9 MAY 2017

[Intake and Dietary Food Sources of Fibre in Spain: Differences with Regard to the Prevalence of Excess Body Weight and Abdominal Obesity in Adults of the ANIBES Study-Q1](#)

Gonzalez-Rodriguez, LG; Sanchez, JMP; Aranceta-Bartrina, J; Gil, A; Gonzalez-Gross, M; Serra-Majem, L; Varela-Moreiras, G; Ortega, RM

NUTRIENTS, 9 (4):10.3390/nu9040326 APR 2017

[Session-RPE for quantifying the load of different youth basketball training sessions-Q3](#)

Lupo, C; Tessitore, A; Gasperi, L; Gomez, MAR

BIOLOGY OF SPORT, 34 (1):11-17; 10.5114/biol sport.2017.63381 2017

[Subir](#)

ETSI Informáticos

[Rank aggregation methods dealing with ordinal uncertain preferences-Q1](#)

Dopazo, E; Martinez-Cespedes, ML

EXPERT SYSTEMS WITH APPLICATIONS, 78 103-109; 10.1016/j.eswa.2017.01.051 JUL 15 2017

[MAS-based self-adaptive architecture for controlling and monitoring Cloud platforms-Q3](#)

De la Prieta, F; Bajo, J; Rodriuez, S; Corchado, J

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, 8 (2):213-221; SI 10.1007/s12652-016-0434-8 APR 2017

[Non-intrusive Monitoring of Attentional Behavior in Teams-](#)

Carneiro, D; Duraes, D; Bajo, J; Novais, P

INTELLIGENT DISTRIBUTED COMPUTING X, 678 153-162; 10.1007/978-3-319-48829-5_15 2017

[Coordinating open fleets. A taxi assignment example-Q4](#)

Billhardt, H; Fernandez, A; Lujak, M; Ossowski, S; Julian, V; De Paz, JF; Hernandez, JZ

AI COMMUNICATIONS, 30 (1):37-52; 10.3233/AIC-170722 2017

[Agreement technologies applied to transmission towers maintenance-Q4](#)

Chamoso, P; De Paz, JF; De La Prieta, F; Perez, JB

AI COMMUNICATIONS, 30 (1):83-98; 10.3233/AIC-170726 2017

[Unsupervised change detection in a particular vegetation land cover type using spectral angle mapper-Q3](#)

Renza, D; Martinez, E; Molina, I; Ballesteros, DM

ADVANCES IN SPACE RESEARCH, 59 (8):2019-2031; 10.1016/j.asr.2017.01.027 APR 15 2017

[Experiences conducting experiments in industry: The ESEIL FiDiPro Project-](#)

Juristo, N

2016 IEEE/ACM 4TH INTERNATIONAL WORKSHOP ON CONDUCTING EMPIRICAL STUDIES
IN INDUSTRY (CESI), 1-3; 10.1145/2896839.2896846 2016

[Infinitary equilibrium logic and strongly equivalent logic programs-Q1](#)

Harrison, A; Lifschitz, V; Pearce, D; Valverde, A

ARTIFICIAL INTELLIGENCE, 246 22-33; 10.1016/j.artint.2017.02.002 MAY 2017

[Abstract Program Slicing: An Abstract Interpretation-Based Approach to Program Slicing-Q1](#)

Mastroeni, I; Zanardini, D

ACM TRANSACTIONS ON COMPUTATIONAL LOGIC, 18 (1):10.1145/3029052 APR 2017

[From Higher Education to Open Education: Challenges in the Transformation of an Online Traditional Course-Q2](#)

Nunez, JLM; Caro, ET; Gonzalez, JRH

IEEE TRANSACTIONS ON EDUCATION, 60 (2):134-142; 10.1109/TE.2016.2607693 MAY
2017

[Dendritic-branching angles of pyramidal neurons of the human cerebral cortex-Q1](#)

Fernandez-Gonzalez, P; Benavides-Piccione, R; Leguey, I; Bielza, C; Larranaga, P;
DeFelipe, J

BRAIN STRUCTURE & FUNCTION, 222 (4):1847-1859; 10.1007/s00429-016-1311-0 MAY
2017

[Research Strategies for Biomedical and Health Informatics-Q1](#)

Haux, R; Kulikowski, CA; Bakken, S; de Lusignan, S; Kimura, M; Koch, S; Mantas, J; Maojo, V; Marschollek, M; Martin-Sanchez, F; Moen, A; Park, HA; Sarkar, IN; Leong, TY; McCray, AT

METHODS OF INFORMATION IN MEDICINE, 56 E1-E10; 10.3414/ME16-01-0125 2017

[Report on the First International Workshop on Reproducible Open Science-Q3](#)

Manghi, P; Schirrwagen, J; Corcho, O; Aryani, A

SIGMOD RECORD, 45 (4):49-52; DEC 2016

[A visual UML-based conceptual model of information-seeking by computer science researchers-Q2](#)

Moral, C; De Antonio, A; Ferre, X

INFORMATION PROCESSING & MANAGEMENT, 53 (4):963-988;
10.1016/j.ipm.2016.10.005 JUL 2017

[Reusing functional software requirements in small-sized software enterprises: a model oriented to the catalog of requirements-Q2](#)

Pacheco, C; Garcia, I; Calvo-Manzano, J; Arcilla, M

REQUIREMENTS ENGINEERING, 22 (2):275-287; 10.1007/s00766-015-0243-1 JUN 2017

[Resilient Routing Overlay Network Construction with Super-Relay Nodes-Q4](#)

Tian, SW; Liao, JX; Li, TH; Wang, JY; Cui, GH

KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS, 11 (4):1911-1930;
10.3837/tiis.2017.04.005 APR 30 2017

[Subir](#)

ETS Edificación

[Acoustic and economic analysis of the use of palm tree pruning waste in noise barriers to mitigate the environmental impact of motorways-Q1](#)

Gil-Lopez, T; Medina-Molina, M; Verdu-Vazquez, A; Martel-Rodriguez, B

SCIENCE OF THE TOTAL ENVIRONMENT, 584 1066-1076;
10.1016/j.scitotenv.2017.01.162 APR 15 2017

[The Implementation of Building Information Modeling Technology in University Teaching: The Case of the Polytechnic University of Madrid-Q3](#)

Lopez-Zaldivar, O; Verdu-Vazquez, A; Gil-Lopez, T; Lozano-Diez, RV

INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, 33 (2):712-722; A 2017

[In vitro and field efficacy of three fungicides against Fusarium bulb rot of garlic-Q2](#)

Paton, LG; Marrero, MDR; Llamas, DP

EUROPEAN JOURNAL OF PLANT PATHOLOGY, 148 (2):321-328; 10.1007/s10658-016-1091-7 JUN 2017

[Stochastic competitive exclusion leads to a cascade of species extinctions-Q1](#)

Capitan, JA; Cuenda, S; Alonso, D

JOURNAL OF THEORETICAL BIOLOGY, 419 137-151; 10.1016/j.jtbi.2017.02.007 APR 21 2017

[Subir](#)

ETSI Sistemas Informáticos

[A framework for improving web accessibility and usability of Open Course Ware sites-Q1](#)

Rodriguez, G; Perez, J; Cueva, S; Torres, R

COMPUTERS & EDUCATION, 109 197-215; 10.1016/j.compedu.2017.02.013 JUN 2017

[Subir](#)

ETSI Diseño Industrial

[Wind Power Potentials in Cameroon and Nigeria: Lessons from South Africa](#)-Q2

Mas'ud, AA; Wirba, AV; Ardila-Rey, JA; Albarracin, R; Muhammad-Sukki, F; Duque, AJ; Bani, NA; Munir, A

ENERGIES, 10 (4):10.3390/en10040443 APR 2017

[A NOVEL METHOD FOR THE DESIGN OF SWITCHING SURFACES FOR DISCRETIZED MIMO NONLINEAR SYSTEMS](#)-Q2

Luis-Delgado, JD; Mohammed Al-Hadithi, B; Jimenez, A

INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE, 27 (1):5-17; 10.1515/amcs-2017-0001 MAR 2017

[3D Digitization and Prototyping of the Skull for Practical Use in the Teaching of Human Anatomy](#)-Q2

Lozano, MTU; Haro, FB; Diaz, CM; Manzoor, S; Ugidos, GF; Mendez, JAJ

JOURNAL OF MEDICAL SYSTEMS, 41 (5):10.1007/s10916-017-0728-1 MAY 2017

[Monolithic interconnected modules \(MIM\) for high irradiance photovoltaic energy conversion: A comprehensive review](#)-Q1

Datas, A; Linares, PG

RENEWABLE & SUSTAINABLE ENERGY REVIEWS, 73 477-495; 10.1016/j.rser.2017.01.071 JUN 2017

[Subir](#)

ETSI Civil

[Expressions of Form and Function in Technical Metaphors-Q4](#)

Cervero, VV

RILCE-REVISTA DE FILOLOGIA HISPANICA, 33 (2):748-768; 10.15581/008.33.2.748-68
2017

[Subir](#)

ETSI Sistemas Telecomunicación

[Toward Architecture Knowledge Sustainability Extending System Longevity-Q3](#)

Capilla, R; Nakagawa, EY; Zdun, U; Carrillo, C

IEEE SOFTWARE, 34 (2):108-111; MAR-APR 2017

[Measurement of MSSR Transmitters Using IF Direct Conversion, Built with General Purpose Instrumentation-](#)

Parra-Cerrada, A; Gonzalez-Posadas, V; Jimenez-Martin, JL; Blanco-Del-Campo, A; Hernandez, W; Segovia-Vargas, D

2016 13TH EUROPEAN RADAR CONFERENCE (EURAD), 149-152; 2016

[Design and implementation of maple packages for processing offsets and conchoids-Q2](#)

Sendra, J; Sanchez-Pascuala, DG; Moran, V

ANNALS OF MATHEMATICS AND ARTIFICIAL INTELLIGENCE, 80 (1):47-64; SI
10.1007/s10472-016-9504-z MAY 2017

[Review of Disruption Predictors in Nuclear Fusion: classical, from scratch and anomaly detection approaches-](#)

Vega, J; Moreno, R; Pereira, A; Ratta, GA; Murari, A; Dormido-Canto, S; Esquembri, S; Barrera, E; Ruiz, M

PROCEEDINGS OF THE IECON 2016 - 42ND ANNUAL CONFERENCE OF THE IEEE
INDUSTRIAL ELECTRONICS SOCIETY, 6375-6379; 2016

[A New Fuzzy Ontology Development Methodology \(FODM\) Proposal-Q2](#)

Li, X; Martinez, JF; Rubio, G

IEEE ACCESS, 4 7111-7124; 10.1109/ACCESS.2016.2621756 2016

[Subir](#)

Centro de Automática y Robótica (CAR)

[A NOVEL METHOD FOR THE DESIGN OF SWITCHING SURFACES FOR DISCRETIZED MIMO NONLINEAR SYSTEMS-Q2](#)

Luis-Delgado, JD; Mohammed Al-Hadithi, B; Jimenez, A

INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE, 27 (1):5-17; 10.1515/amcs-2017-0001 MAR 2017

[Rehabilitation and assistive robotics-Q4](#)

Garcia-Aracil, N; Casals, A; Garcia, E

ADVANCES IN MECHANICAL ENGINEERING, 9 (3):10.1177/1687814017699338 MAR 20 2017

[Subir](#)

Centro de Biotecnología y Genómica de Plantas (CBGP)

[Four genes essential for recombination define Glnts, a new type of mobile genomic island widespread in bacteria](#)-Q1

Bardaji, L; Echeverria, M; Rodriguez-Palenzuela, P; Martinez-Garcia, PM; Murillo, J

SCIENTIFIC REPORTS, 7 10.1038/srep46254 APR 10 2017

[An infectious cDNA clone of a radish-infecting Turnip mosaic virus strain](#)-Q2

Lopez-Gonzalez, S; Aragonés, V; Daros, JA; Sanchez, F; Ponz, F

EUROPEAN JOURNAL OF PLANT PATHOLOGY, 148 (1):207-211; 10.1007/s10658-016-1057-9 MAY 2017

[Multifaceted role of cycling DOF factor 3 \(CDF3\) in the regulation of flowering time and abiotic stress responses in Arabidopsis](#)-Q1

Corrales, AR; Carrillo, L; Lasierra, P; Nebauer, SG; Dominguez-Figueroa, J; Renau-Morata, B; Pollmann, S; Granell, A; Molina, RV; Vicente-Carbajosa, J; Medina, J

PLANT CELL AND ENVIRONMENT, 40 (5):748-764; 10.1111/pce.12894 MAY 2017

[Regulation of Translation by TOR, eIF4E and eIF2 alpha in Plants: Current Knowledge, Challenges and Future Perspectives](#)-Q1

Sesma, A; Castresana, C; Castellano, MM

FRONTIERS IN PLANT SCIENCE, 8 10.3389/fpls.2017.00644 APR 26 2017

[Suppression of Plant Immune Responses by the Pseudomonas savastanoi pv. savastanoi NCPPB 3335 Type III Effector Tyrosine Phosphatases HopAO1 and HopAO2](#)-Q1

Castaneda-Ojeda, MP; Moreno-Perez, A; Ramos, C; Lopez-Solanilla, E

FRONTIERS IN PLANT SCIENCE, 8 10.3389/fpls.2017.00680 MAY 5 2017

[Function of the Plant DNA Polymerase Epsilon in Replicative Stress Sensing, a Genetic Analysis-Q1](#)

Pedroza-Garcia, JA; Mazubert, C; del Olmo, I; Bourge, M; Domenichini, S; Bounon, R; Tariq, Z; Delannoy, E; Pineiro, M; Jarillo, JA; Bergounioux, C; Benhamed, M; Raynaud, C

PLANT PHYSIOLOGY, 173 (3):1735-1749; 10.1104/pp.17.00031 MAR 2017

[Short-Chain Chitin Oligomers: Promoters of Plant Growth-Q1](#)

Winkler, AJ; Dominguez-Nunez, JA; Aranaz, I; Poza-Carrion, C; Ramonell, K; Somerville, S; Berrocal-Lobo, M

MARINE DRUGS, 15 (2):10.3390/md15020040 FEB 2017

[Multifactorial Modulation of Food-induced Anaphylaxis-Q1](#)

Benede, S; Garrido-Arandia, M; Martin-Pedraza, L; Bueno, C; Diaz-Perales, A; Villalba, M

FRONTIERS IN IMMUNOLOGY, 8 10.3389/fimmu.2017.00552 MAY 16 2017

[Subir](#)

Centro de Domótica Integral (CEDINT)

No hay documentos este mes.

[Subir](#)

Centro de Electrónica Industrial (CEI)

[Teaching Wireless Sensor Networks to Master and PhD Students Based on the Cookie Node-](#)

Mujica, G; Portilla, J; Riesgo, T

2016 CONFERENCE ON DESIGN OF CIRCUITS AND INTEGRATED SYSTEMS (DCIS 2016), 167-172; 2016

[Teaching Hybrid HW/SW Embedded System Design Using FPGA-Based Devices-](#)

Rodriguez, A; Portilla, J; de la Torre, E; Riesgo, T

2016 CONFERENCE ON DESIGN OF CIRCUITS AND INTEGRATED SYSTEMS (DCIS 2016), 161-165; 2016

[Context-aware prediction of access points demand in Wi-Fi networks-Q2](#)

Rodriguez-Lozano, D; Gomez-Pulido, JA; Lanza-Gutierrez, JM; Duran-Dominguez, A; Fernandez-Diaz, RA

COMPUTER NETWORKS, 117 52-61; SI 10.1016/j.comnet.2017.01.002 APR 22 2017

[Subir](#)

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

[Explaining food insecurity among indigenous households of the Sierra Tarahumara in the Mexican state of Chihuahua-Q2](#)

Authors: Cordero-Ahiman, OV; Santellano-Estrada, E; Garrido, A

SPANISH JOURNAL OF AGRICULTURAL RESEARCH, 15 (1):10.5424/sjar/2017151-10151
MAR 2017

[A Real Option Analysis applied to the production of Arabica and Robusta Coffee in Ecuador-Q2](#)

Jacome, AR; Garrido, A

SPANISH JOURNAL OF AGRICULTURAL RESEARCH, 15 (1):10.5424/sjar/2017151-10098
MAR 2017

[Subir](#)

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

[Gravimetric sensors operating at 1.1 GHz based on inclined c-axis ZnO grown on textured Al electrodes-Q1](#)

Rughoobur, G; DeMiguel-Ramos, M; Escolano, JM; Iborra, E; Flewitt, AJ

SCIENTIFIC REPORTS, 7 10.1038/s41598-017-01545-2 MAY 2 2017

[Frequency response of AlN-based solidly mounted resonators under mechanical stress-Q1](#)

Clement, M; Delicado, A; Olivares, J; Mirea, T; Sangrador, J; Iborra, E

SENSORS AND ACTUATORS A-PHYSICAL, 258 39-43; 10.1016/j.sna.2017.02.028 MAY 1 2017

[Selection of aptamers to Neisseria meningitidis and Streptococcus pneumoniae surface specific proteins and affinity assay using thin film AlN resonators-Q1](#)

Escolano, JM; Diaz-Duran, B; DeMiguel-Ramos, M; Olivares, J; Geday, MA; Iborra, E

SENSORS AND ACTUATORS B-CHEMICAL, 246 591-596; 10.1016/j.snb.2017.02.098 JUL 2017

[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)

[Design and implementation of maple packages for processing offsets and conchoids-Q2](#)

Sendra, J; Sanchez-Pascuala, DG; Moran, V

ANNALS OF MATHEMATICS AND ARTIFICIAL INTELLIGENCE, 80 (1):47-64; SI
10.1007/s10472-016-9504-z MAY 2017

[A New Fuzzy Ontology Development Methodology \(FODM\) Proposal-Q2](#)

Li, X; Martinez, JF; Rubio, G

IEEE ACCESS, 4 7111-7124; 10.1109/ACCESS.2016.2621756 2016

[Subir](#)

Centro de Investigación en Simulación Computacional (CSC)

[Refined weak-coupling limit: Coherence, entanglement, and non-Markovianity-Q1](#)

Rivas, A

PHYSICAL REVIEW A, 95 (4):10.1103/PhysRevA.95.042104 APR 6 2017

[Secure NFV Orchestration Over an SDN-Controlled Optical Network With Time-Shared Quantum Key Distribution Resources-Q1](#)

Aguado, A; Hugues-Salas, E; Haigh, PA; Marhuenda, J; Price, AB; Sibson, P; Kennard, JE; Erven, C; Rarity, JG; Thompson, MG; Lord, A; Nejabati, R; Simeonidou, D

JOURNAL OF LIGHTWAVE TECHNOLOGY, 35 (8):1357-1362; 10.1109/JLT.2016.2646921
APR 15 2017

[Dynamic Voltage and Frequency Scaling-aware dynamic consolidation of virtual machines for energy efficient cloud data centers-Q3](#)

Arroba, P; Moya, JM; Ayala, JL; Buyya, R

CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, 29
(10):10.1002/cpe.4067 MAY 25 2017

[Subir](#)

Centro de tecnología Biomédica CTB

[Detecting switching and intermittent causalities in time series-Q1](#)

Zanin, M; Papo, D

CHAOS, 27 (4):10.1063/1.4979046 APR 2017

[Frailty, Falls, and Functional loss Education: The 3Fights@Edu MOOC perspective-](#)

Carnide, F; Baptista, F; Moura, A; Jensen, AMM; Dias, SB; Langberg, H; Delpozo, F

PROCEEDINGS OF THE 2016 1ST INTERNATIONAL CONFERENCE ON TECHNOLOGY AND INNOVATION IN SPORTS, HEALTH AND WELLBEING (TISHW 2016), 2016

[Static Magnetic Field Stimulation over Parietal Cortex Enhances Somatosensory Detection in Humans-Q1](#)

Carrasco-Lopez, C; Soto-Leon, V; Cespedes, V; Profice, P; Strange, BA; Foffani, G; Oliviero, A

JOURNAL OF NEUROSCIENCE, 37 (14):3840-3847; 10.1523/JNEUROSCI.2123-16.2017
APR 5 2017

[Improved Measurement of Elastic Properties of Cells by Micropipette Aspiration and Its Application to Lymphocytes-Q1](#)

Esteban-Manzanares, G; Gonzalez-Bermudez, B; Cruces, J; De la Fuente, M; Li, QX; Guinea, GV; Perez-Rigueiro, J; Elices, M; Plaza, GR

ANNALS OF BIOMEDICAL ENGINEERING, 45 (5):1375-1385; 10.1007/s10439-017-1795-7
MAY 2017

[MEG Beamformer-Based Reconstructions of Functional Networks in Mild Cognitive Impairment-Q1](#)

Lopez, ME; Engels, MMA; van Straaten, ECW; Bajo, R; Delgado, ML; Scheltens, P; Hillebrand, A; Stam, CJ; Maestu, F

FRONTIERS IN AGING NEUROSCIENCE, 9 10.3389/fnagi.2017.00107 APR 25 2017

[Functional Connectivity Disruption in Subjective Cognitive Decline and Mild Cognitive Impairment: A Common Pattern of Alterations-Q1](#)

Lopez-Sanz, D; Bruna, R; Garces, P; Martin-Buro, MC; Walter, S; Delgado, ML; Montenegro, M; Higes, RL; Marcos, A; Maestu, F

FRONTIERS IN AGING NEUROSCIENCE, 9 10.3389/fnagi.2017.00109 APR 21 2017

[Production of High Performance Bioinspired Silk Fibers by Straining Flow Spinning-Q1](#)

Madurga, R; Ganan-Calvo, AM; Plaza, GR; Guinea, GV; Elices, M; Perez-Rigueiro, J

BIOMACROMOLECULES, 18 (4):1127-1133; 10.1021/acs.biomac.6b01757 APR 2017

[Dendritic-branching angles of pyramidal neurons of the human cerebral cortex-Q1](#)

Fernandez-Gonzalez, P; Benavides-Piccione, R; Leguey, I; Bielza, C; Larranaga, P; DeFelipe, J

BRAIN STRUCTURE & FUNCTION, 222 (4):1847-1859; 10.1007/s00429-016-1311-0 MAY 2017

[Assessment of a personalized and distributed patient guidance system-Q1](#)

Peleg, M; Shahar, Y; Quaglini, S; Broens, T; Budasu, R; Fung, N; Fux, A; Garcia-Saez, G; Goldstein, A; Gonzalez-Ferrer, A; Hermens, H; Hernando, ME; Jones, V; Klebanov, G; Klimov, D; Knoppel, D; Larburu, N; Marcos, C; Martinez-Sarriegui, I; Napolitano, C; Pallas, A; Palomares, A; Parimbelli, E; Pons, B; Rigla, M; Sacchi, L; Shalom, E; Soffer, P; van Schooten, B

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, 101 108-130;
10.1016/j.ijmedinf.2017.02.010 MAY 2017

[Alterations of the hippocampal microvascular network in Alzheimer's Disease-Q1](#)

Montero-Crespo, M; Blazquez-Llorca, L; De Felipe, J

JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, 37 443-443; 1 APR 2017

[Permutation Entropy for the Characterisation of Brain Activity Recorded with Magnetoencephalograms in Healthy Ageing-Q2](#)

Shumbayawonda, E; Fernandez, A; Hughes, MP; Abasolo, D

ENTROPY, 19 (4):10.3390/e19040141 APR 2017

[MobiGuide: a personalized and patient-centric decision-support system and its evaluation in the atrial fibrillation and gestational diabetes domains-Q1](#)

Peleg, M; Shahar, Y; Quaglioni, S; Fux, A; Garcia-Saez, G; Goldstein, A; Hernando, ME; Klimov, D; Martinez-Sarriegui, I; Napolitano, C; Parimbelli, E; Rigla, M; Sacchi, L; Shalom, E; Soffer, P

USER MODELING AND USER-ADAPTED INTERACTION, 27 (2):159-213; 10.1007/s11257-017-9190-5 JUN 2017

[Conditioned inhibitory and excitatory gain modulations of visual cortex in fear conditioning: Effects of analysis strategies of magnetocortical responses-Q1](#)

Moratti, S; Gimenez-Fernandez, T; Mendez-Bertolo, C; de Vicente-Perez, F

PSYCHOPHYSIOLOGY, 54 (6):882-893; 10.1111/psyp.12841 JUN 2017

[Voxel-Based Diagnosis of Alzheimer's Disease Using Classifier Ensembles-Q1](#)

Armananzas, R; Iglesias, M; Morales, DA; Alonso-Nanclares, L

IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS, 21 (3):778-784; 10.1109/JBHI.2016.2538559 MAY 2017

[Ventricular Geometry From Non-contrast Non-ECG-gated CT Scans: An Imaging Marker of Cardiopulmonary Disease in Smokers-Q2](#)

Rahaghi, FN; Vegas-Sanchez-Ferrero, G; Minhas, JK; Come, CE; De La Bruere, I; Wells, JM; Gonzalez, G; Bhatt, SP; Fenster, BE; Diaz, AA; Kohli, P; Ross, JC; Lynch, DA; Dransfield, MT; Bowler, RP; Ledesma-Carbayo, MJ; Estepar, RSJ; Washko, GR

ACADEMIC RADIOLOGY, 24 (5):594-602; 10.1016/j.acra.2016.12.007 MAY 2017

[Chaos can imply periodicity in coupled oscillators-Q1](#)

Pisarchik, AN; Bashkirtseva, I; Ryashko, L

EPL, 117 (4):10.1209/0295-5075/117/40005 FEB 2017

[Dispersion Entropy for the Analysis of Resting-state MEG Regularity in Alzheimer's Disease-](#)

Azami, H; Rostaghi, M; Fernandez, A; Escudero, J

2016 38TH ANNUAL INTERNATIONAL CONFERENCE OF THE IEEE ENGINEERING IN
MEDICINE AND BIOLOGY SOCIETY (EMBC), 6417-6420; 2016

[Subir](#)

Instituto de Fusión Nuclear (DENIM)

[Understanding the ion-induced elongation of silver nanoparticles embedded in silica-Q1](#)

Pena-Rodriguez, O; Prada, A; Olivares, J; Oliver, A; Rodriguez-Fernandez, L; Silva-Pereyra, HG; Bringa, E; Perlado, JM; Rivera, A

SCIENTIFIC REPORTS, 7 10.1038/s41598-017-01145-0 APR 19 2017

[Multi-scale modelling to relate beryllium surface temperature, deuterium concentration and erosion in fusion reactor environment-Q1](#)

Safi, E; Valles, G; Lasa, A; Nordlund, K

JOURNAL OF PHYSICS D-APPLIED PHYSICS, 50 (20):10.1088/1361-6463/aa6967 MAY 24 2017

[Fabrication of Monodispersed Au@SiO₂ Nanoparticles with Highly Stable Silica Layers by Ultrasound-Assisted Stober Method-Q1](#)

Montano-Priede, JL; Coelho, JP; Guerrero-Martinez, A; Pena-Rodriguez, O; Pal, U

JOURNAL OF PHYSICAL CHEMISTRY C, 121 (17):9543-9551; 10.1021/acs.jpcc.7b00933 MAY 4 2017

[Subir](#)

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

No hay documentos este mes.

[Subir](#)

Instituto de Energía Solar (IES)

[MOVPE growth of GaP on Si with As initial coverage](#)-Q3

Navarro, A; Garcia-Tabares, E; Galiana, B; Cano, P; Rey-Stolle, I; Ballesteros, C

JOURNAL OF CRYSTAL GROWTH, 464 8-13; 10.1016/j.jcrysgr.2016.11.077 APR 15 2017

[A substrate removal processing method for III-V solar cells compatible with low-temperature characterization](#)-Q1

Villa, J; Ramiro, I; Ripalda, JM; Antolin, E; Garcia, I; Marti, A

MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, 63 58-63;
10.1016/j.mssp.2017.02.003 JUN 2017

[The effect of Sb-surfactant on GaInP CuPtB type ordering: assessment through dark field TEM and aberration corrected HAADF imaging](#)-Q1

Coll, C; Barrigon, E; Lopez-Conesa, L; Rebled, J; Barrutia, L; Rey-Stolle, I; Estrade, S;
Algora, C; Peiro, F

PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 19 (15):9806-9810; 10.1039/c7cp01125c APR
21 2017

[Three-Bandgap Absolute Quantum Efficiency in GaSb/GaAs Quantum Dot Intermediate Band Solar Cells](#)-Q1

Ramiro, I; Antolin, E; Hwang, JY; Teran, A; Martin, AJ; Linares, PG; Millunchick, J; Phillips,
J; Marti, A; Luque, A

IEEE JOURNAL OF PHOTOVOLTAICS, 7 (2):508-512; 10.1109/JPHOTOV.2016.2637658
MAR 2017

[Photovoltaic applications of Cu\(Sb,Bi\)SM \(M = Ag, Pb, Pt\)](#)-Q2

Tablero, C

OPTICAL MATERIALS, 66 453-459; 10.1016/j.optmat.2017.03.003 APR 2017

[Monolithic interconnected modules \(MIM\) for high irradiance photovoltaic energy conversion: A comprehensive review-Q1](#)

Datas, A; Linares, PG

RENEWABLE & SUSTAINABLE ENERGY REVIEWS, 73 477-495; 10.1016/j.rser.2017.01.071
JUN 2017

[1-D and 2-D Monte Carlo simulations for analysis of CPV module characteristics including the acceptance angle impacted by assembly errors-Q1](#)

Araki, K; Nagai, H; Herrero, R; Anton, I; Sala, G; Lee, KH; Yamaguchi, M

SOLAR ENERGY, 147 448-454; 10.1016/j.solener.2017.03.060 MAY 1 2017

[Subir](#)

Instituto Universitario de Investigación del Automóvil (INSIA)

[Efficient and accurate modeling of rigid rods-Q3](#)

Pan, YJ; Callejo, A; Bueno, J; Wehage, R; de Jalon, JG

MULTIBODY SYSTEM DYNAMICS, 40 (1):23-42; 10.1007/s11044-016-9520-0 MAY 2017

[Design of a rib impactor equipment-](#)

Torres, CR; Garcia, G; Aguilar, LA; Martinez, L

VIII INTERNATIONAL CONGRESS OF ENGINEERING PHYSICS, 792 10.1088/1742-6596/792/1/012072 2017

[A Simulation Tool as a Support for Teaching the Concepts of Urban Traffic Flow-Q3](#)

Jimenez, F; Monzon, S

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, 25 (2):320-329;
10.1002/cae.21800 MAR 2017

[Subir](#)

Instituto Universitario de Sistemas Optoelectrónicos y Microtecnología (ISOM)

[The influence of MOVPE growth conditions on the shell of core-shell GaN microrod structures-Q3](#)

Schimpke, T; Avramescu, A; Koller, A; Fernando-Saavedra, A; Hartmann, J; Ledig, J; Waag, A; Strassburg, M; Lugauer, HJ

JOURNAL OF CRYSTAL GROWTH, 465 34-42; 10.1016/j.jcrysgr.2017.02.035 MAY 1 2017

[Effects of Gd₂O₃ Gate Dielectric on Proton-Irradiated AlGa_N/Ga_N HEMTs-Q1](#)

Gao, Z; Romero, MF; Redondo-Cubero, A; Pampillon, MA; Andres, ES; Calle, F

IEEE ELECTRON DEVICE LETTERS, 38 (5):611-614; 10.1109/LED.2017.2682795 MAY 2017

[Subir](#)

Centro de Investigación del Transporte (TRANSYT)

[Users' perceptions and willingness to pay in interurban toll roads: identifying differences across regions from a nationwide survey in Spain-Q2](#)

Gomez, J; Papanikolaou, A; Vassallo, JM

TRANSPORTATION, 44 (3):449-474; 10.1007/s11116-015-9662-6 MAY 2017

[Is EU financial support enhancing, the economic performance of PPP projects? An empirical analysis on the case of spanish road infrastructure-Q1](#)

Garrido, L; Gomez, J; Baeza, MD; Vassallo, JM

TRANSPORT POLICY, 56 19-28; 10.1016/j.tranpol.2017.02.010 MAY 2017

[Methodology to Assess the Effects of ICT-measures on Emissions. The Case Study of Madrid-](#)

Monzon, A; Garcia-Castro, A; Valdes, C

PROCEEDINGS OF THE 16TH INTERNATIONAL SCIENTIFIC CONFERENCE RELIABILITY AND STATISTICS IN TRANSPORTATION AND COMMUNICATION (RELSTAT-2016), 178 13-23; 10.1016/j.proeng.2017.01.054 2017

[Understanding the effects of transit benefits on employees' travel behavior: Evidence from the New York-New Jersey region-Q1](#)

Bueno, PC; Gomez, J; Peters, JR; Vassallo, JM

TRANSPORTATION RESEARCH PART A-POLICY AND PRACTICE, 99 1-13; 10.1016/j.tra.2017.02.009 MAY 2017

[Subir](#)