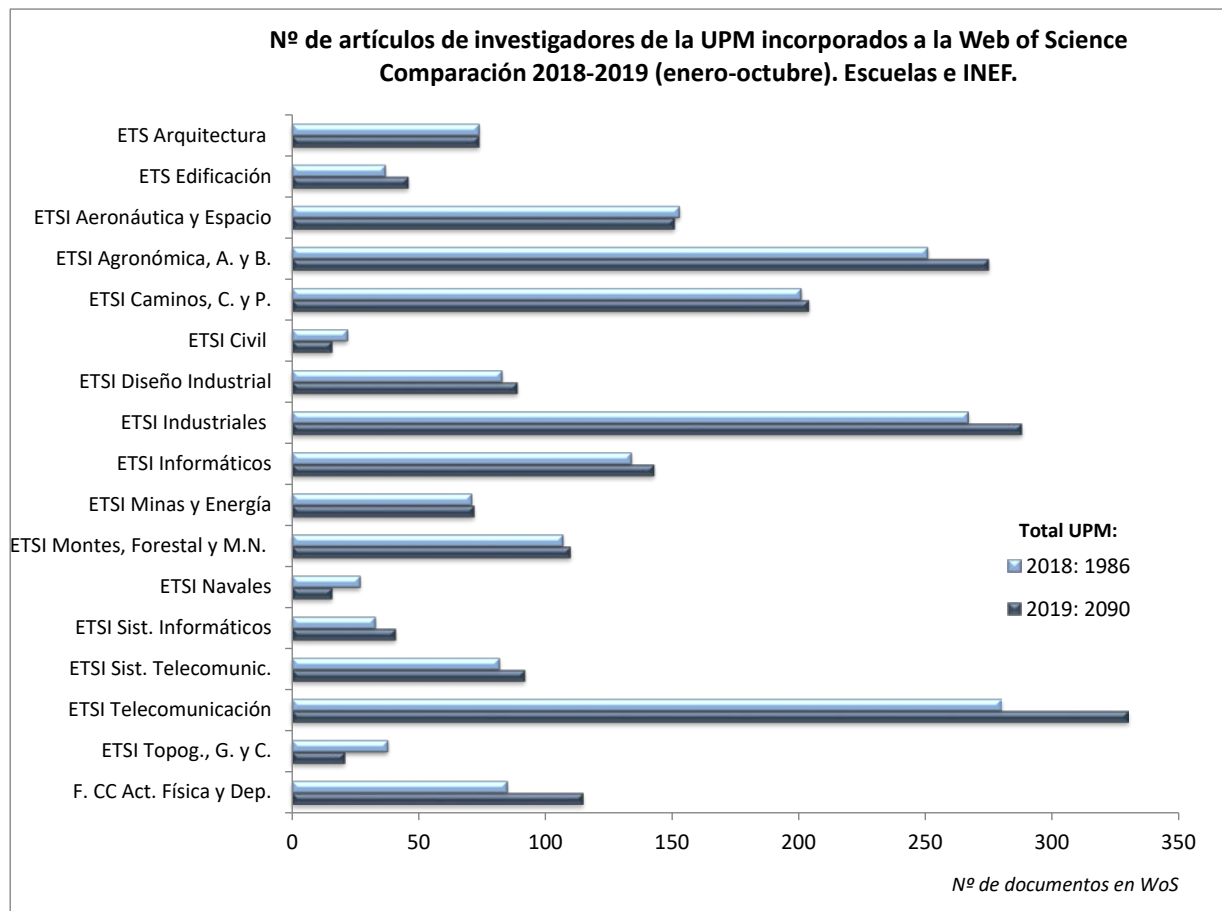


## Seguimiento de la producción científica UPM en la Web of Science

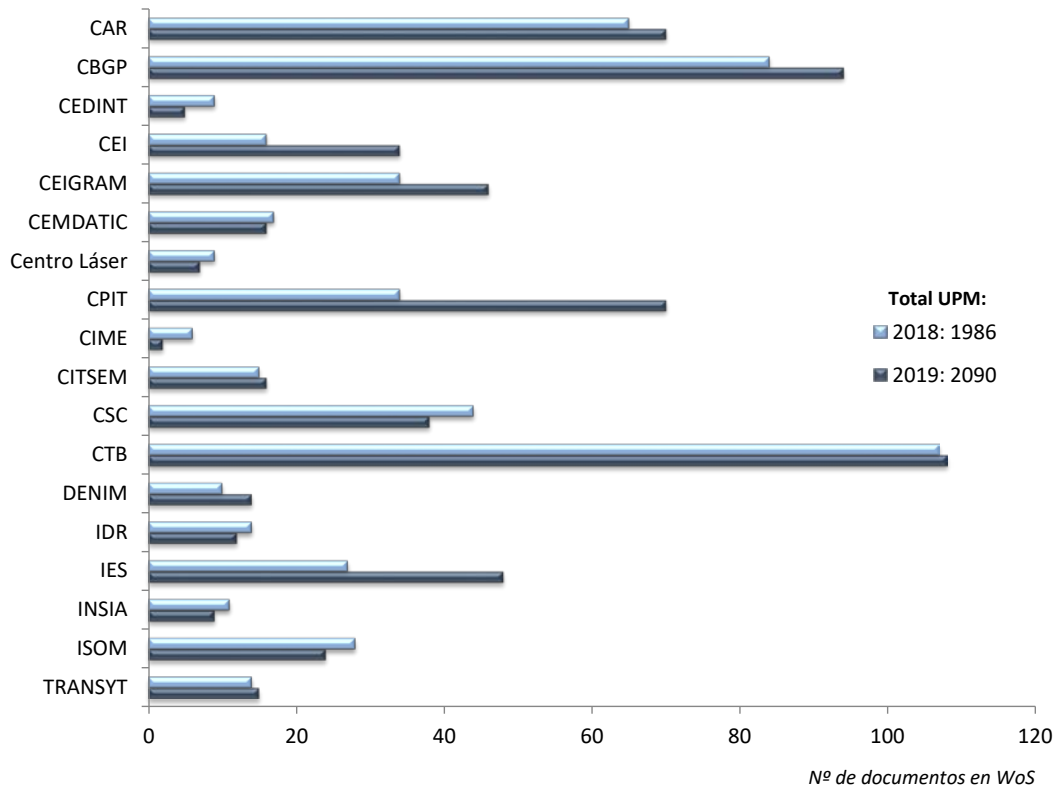
La **Web Of Science** (WOS) es una plataforma de la empresa Clarivate Analytics basada en tecnología web y formada por una amplia colección de bases de datos bibliográficas, citas y referencias de publicaciones científicas de cualquier disciplina del conocimiento –científico, tecnológico, humanístico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

La base de datos que se utiliza para hacer el seguimiento de la producción científica de la UPM es **Web of Science Core Collection**.

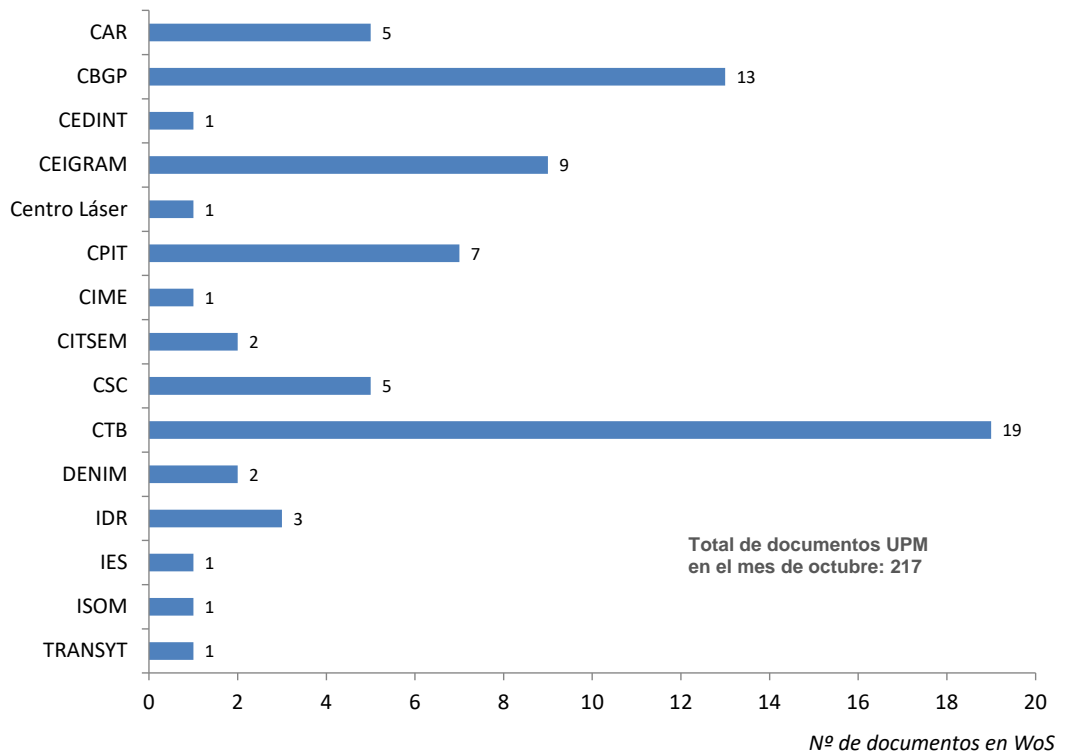
En los gráficos siguientes se presenta la comparativa 2018-2019 de los documentos de investigación de la Universidad Politécnica de Madrid (UPM) dados de alta en la Web of Science (WoS) para los centros docentes y los centros e institutos de I+D+i de la UPM acumulados hasta el mes actual. También, para los centros e institutos, se incluye un gráfico con los documentos del mes actual. Hay que señalar que, en todos los casos, 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.



**Nº de artículos de investigadores de la UPM incorporados a la Web of Science  
Comparación 2018-2019 (enero-octubre). Centros e Institutos de I+D+i.**



**Nº de documentos UPM incorporados a la Web of Science. Octubre 2019.  
Centros e Institutos de I+D+i**



## 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 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 Navales](#)  
[ETSI Sistemas Informáticos](#)  
[ETSI Sistemas Telecomunicación](#)  
[ETSI Telecomunicación](#)  
[ETSI Topografía, Geodesia y Cartografía](#)  
[Facultad CC Actividad Física y Deportiva \(INEF\)](#)

### Centros de I+D+i

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

### Institutos de I+D+i

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

## ETS Arquitectura

[Granite Pavement Nitrate Desalination: Traditional Methods vs. Biocleaning Methods](#)-Q2

Bosch-Roig, P; Allegue, H; Bosch, I

SUSTAINABILITY, 11 (15):10.3390/su11154227 AUG 2019

[Development of the Montegancedo SmartCampus \(UPM\) based on the Spatial Data Infrastructures model](#)-Q4

Alvarez, M; Raposo, JF; Miranda, M; Bello, AB; Barbero, M

INFORMES DE LA CONSTRUCCION, 71 (555):10.3989/ic.66252 JUL-SEP 2019

[A post-occupancy strategy to improve thermal comfort in social housing in a tropical highland climate: A case study in Bogota, Colombia](#)-Q4

Rodriguez, CM; Medina, JM; Pinzon, A; Garcia, A

INFORMES DE LA CONSTRUCCION, 71 (555):10.3989/ic.61006 JUL-SEP 2019

[Unusual magnetic behaviour of binary YbNi<sub>3</sub> alloy](#)-Q2

Rojas, DP; Espeso, JI; Fernandez, JR; Jefremovas, EM

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, 494 SI  
10.1016/j.jmmm.2019.165815 JAN 15 2020

[Survey Assessment for Decision Support Using Self-Organizing Maps Profile Characterization with an Odds and Cluster Heat Map: Application to Children's Perception of Urban School Environments](#)-Q2

Abarca-Alvarez, FJ; Campos-Sanchez, FS; Mora-Esteban, R

ENTROPY, 21 (9):10.3390/e21090916 SEP 2019

[Lightweight construction design with bearing surfaces. Thin-walled structures-Q4](#)

Rodriguez, SP; Diaz, JA; Lopez, BC

REVISTA DE LA CONSTRUCCION, 18 (2):398-408; 10.7764/RDLC.18.2.398 JUL 2019

[The museum of innocence: the construction of a story-](#)

Santolaria, AI; Ramos, J

RA-REVISTA DE ARQUITECTURA, (21):169-+; 10.15581/014.21.168-179 2019

[A museum on the moon? The Moon Museum, exhibition space off limits-](#)

Guridi, R

RA-REVISTA DE ARQUITECTURA, (21):109-+; 10.15581/014.21.108-119 2019

[Interventions in the Rijksmuseum: the reinvention of the museum-](#)

Fernandez, A

RA-REVISTA DE ARQUITECTURA, (21):85-+; 10.15581/014.21.84-95 2019

[Comparing the impact of presence patterns on energy demand in residential buildings using measured data and simulation models-Q2](#)

Cuerda, E; Guerra-Santin, O; Sendra, JJ; Gonzalez, FJN

BUILDING SIMULATION, 12 (6):985-998; 10.1007/s12273-019-0539-z DEC 2019

[Multimodal transport and potential encounters with social difference: A novel approach based on network analysis – Q4](#)

Carpio-Pinedo, J

JOURNAL OF URBAN AFFAIRS, 10.1080/07352166.2019.1662727

[Evidence-based design accreditation and certification program for healthcare architecture reaches Spain](#) – Q4

Cambra-Rufino, L; Paniagua-Caparros, JL; Bedoya-Frutos, C

REVISTA ESPANOLA DE SALUD PUBLICA, 93 OCT 4 2019

[A Multi-resolution Design Methodology Based on Discrete Models](#)

de Guevara, ML; Borunda, L; Krishnamurti, R

COMPUTER-AIDED ARCHITECTURAL DESIGN: HELLO, CULTURE, CAAD FUTURES 2019,  
1028 91-104; 10.1007/978-981-13-8410-3\_7 2019

[Subir](#)

## ETS Edificación

[The Registry of Accredited Companies in the Construction Sector in Spain: An Administrative Instrument for Risk-Prevention Control-Q1](#)

Romero-Barriuso, A; MariaVillena-Escribano, B; Gonzalez-Garcia, MD; Segarra-Canamares, M; Rodriguez-Saiz, A

INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, 16 (17):10.3390/ijerph16173133 SEP 1 2019

[A diagnosis of construction and demolition waste generation and recovery practice in the European Union-Q1](#)

Saez, PV; Osmani, M

JOURNAL OF CLEANER PRODUCTION, 241 10.1016/j.jclepro.2019.118400 DEC 20 2019

[System based on piezoelectric sensors for deflection measurement in concrete beams-Q4](#)

Vega, DF; Fernandez, CM; Martinez, PS; Velilla, JPD

REVISTA DE LA CONSTRUCCION, 18 (2):282-289; 10.7764/RDLC.18.2.282 JUL 2019

[A Randomized Trait Community Clustering approach to unveil consistent environmental thresholds in community assembly – Q1](#)

Triado-Margarit, X; Capitan, JA; Menendez-Serra, M; Ortiz-Alvarez, R; Ontiveros, VJ; Casamayor, EO; Alonso, D

ISME JOURNAL, 13 (11):2681-2689; 10.1038/s41396-019-0454-4 NOV 2019

[Subir](#)

## ETSI Aeronáutica y del Espacio

[Design of a conflict-detection air traffic control tool for the implementation of continuous climb operations: A case study at Palma TMA-Q3](#)

Perez-Castan, JA; Comendador, FG; Rodriguez-Sanz, A; Barragan, R; Arnaldo-Valdes, RM

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART G-JOURNAL OF AEROSPACE ENGINEERING, 233 (13):4839-4852; 10.1177/0954410019831198 OCT 2019

[Thermoradiative Cells Based on a p-type Cu<sub>3</sub>SbSe<sub>4</sub> Semiconductor: Application of a Detailed Balance Model-Q3](#)

Garcia, G; Fernandez, JJ; Palacios, P; Wahnou, P

JOURNAL OF ELECTRONIC MATERIALS, 48 (10):6777-6785; SI 10.1007/s11664-019-07485-z OCT 2019

[Non-modal stability analysis of low-Re separated flow around a NACA 4415 airfoil in ground effect-Q1](#)

He, W; Perez, JM; Yu, P; Li, LKB

AEROSPACE SCIENCE AND TECHNOLOGY, 92 269-279; 10.1016/j.ast.2019.06.007 SEP 2019

[A Holistic Approach to the Environmental Certification of Green Airports-Q2](#)

Comendador, VFG; Valdes, RMA; Lisker, B

SUSTAINABILITY, 11 (15):10.3390/su11154043 AUG 2019

[Solving inverse geometry heat conduction problems by postprocessing steady thermograms-Q1](#)

Higuera, M; Perales, JM; Rapun, ML; Vega, JM

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, 143  
10.1016/j.ijheatmasstransfer.2019.118490 NOV 2019



[A wideband triple-layer microperforated panel sound absorber](#)-Q1

Cobo, P; de la Colina, C; Roibas-Millan, E; Chimeno, M; Simon, F

COMPOSITE STRUCTURES, 226 10.1016/j.compstruct.2019.111226 OCT 15 2019

[Design and characterization of three light-weight multi-principal-element alloys potentially candidates as high-entropy alloys](#)-Q4

Perez, P; Garces, G; Frutos-Myro, E; Antoranz, JM; Tsipas, S; Adeva, P

REVISTA DE METALURGIA, 55 (3):10.3989/revmetalm.147 JUL-SEP 2019

[A NEW CONCEPT OF STABILITY IN ORBIT PROPAGATION, USEFUL FOR QUANTIFYING NUMERICAL ERRORS](#)-

Roa, J; Urrutxua, H; Pelaez, J

ASTRODYNAMICS 2017, PTS I-IV, 162 1329-1348; I-IV 2018

[Experiments on the transverse aeroelastic instability of a single sphere in a swing configuration under a longitudinal wind](#)-Q1

Gomez-Ortega, O; Manzanares-Bercial, R; Ogueta-Gutierrez, M; Lopez-Nunez, E; Franchini, S; Roibas-Millan, E; Sanz-Andres, A

JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS, 193 10.1016/j.jweia.2019.103979 OCT 2019

[Time-Periodic Inertial Range Dynamics](#)-Q1

van Veen, L; Vela-Martin, A; Kawahara, G

PHYSICAL REVIEW LETTERS, 123 (13):10.1103/PhysRevLett.123.134502 SEP 27 2019

[Temperature and strain rate dependences on hardening and softening behaviours in semi-crystalline polymers: Application to PEEK](#)-Q2

Barba, D; Arias, A; Garcia-Gonzalez, D

INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, 182 205-217; 10.1016/j.ijsolstr.2019.08.021 JAN 2020

[A machine learning approach to air traffic interdependency modelling and its application to trajectory prediction-Q1](#)

Gallego, CEV; Gomez, VF; Carmona, MAA; Valdes, RMA; Nieto, FJS; Martinez, MG

TRANSPORTATION RESEARCH PART C-EMERGING TECHNOLOGIES, 107 356-386;  
10.1016/j.trc.2019.08.015 OCT 2019

[Selection of thermoplastic polymers for use as bipolar plates in direct methanol fuel cell applications-Q1](#)

Santiago, O; Raso, MA; Navarro, E; Leo, TJ

MATERIALS & DESIGN, 183 10.1016/j.matdes.2019.108148 DEC 5 2019

[Mixing downstream of a moving square cylinder in the confined laminar regime: Influence of different motion laws-Q1](#)

Clemente, R; Sastre, F; Barrero-Gil, A; Velazquez, A

EXPERIMENTAL THERMAL AND FLUID SCIENCE, 109  
10.1016/j.exptthermflusci.2019.109846 DEC 2019

[The role of conductive heat losses on the formation of isolated flame cells in Hele-Shaw chambers – Q1](#)

Martinez-Ruiz, D; Veiga-Lopez, F; Fernandez-Galisteo, D; Kurdyumov, VN; Sanchez-Sanz, M

COMBUSTION AND FLAME, 209 187-199; 10.1016/j.combustflame.2019.07.019 NOV 2019

[The Onset of Asymmetric Combustion of Aluminum Particles – Q2](#)

Trottini, E; Higuera, FJ

COMBUSTION SCIENCE AND TECHNOLOGY, 10.1080/00102202.2019.1678956

[Time evolution of the fuel areal density and electronic temperature provided by secondary nuclear fusion reactions](#) – Q3

Temporal, M; Canaud, B; Ramis, R

EUROPEAN PHYSICAL JOURNAL D, 73 (10):10.1140/epjd/e2019-100342-4 OCT 2019

[Enhanced relativistic-electron beam collimation using two consecutive laser pulses](#) – Q1

Malko, S; Vaisseau, X; Perez, F; Batani, D; Curcio, A; Ehret, M; Honrubia, J; Jakubowska, K; Morace, A; Santos, JJ; Volpe, L

SCIENTIFIC REPORTS, 9 10.1038/s41598-019-50401-y OCT 1 2019

[An alternative method to study cross-flow instabilities based on high order dynamic mode decomposition](#) – Q2

Le Clainche, S; Han, ZH; Ferrer, E

PHYSICS OF FLUIDS, 31 (9):10.1063/1.5110697 SEP 2019

[Subir](#)

ETSI Agronómica, Alimentaria y de Biosistemas

[Long-term evaluation of growth and production of olive cultivars in super high-density orchard under cold-weather conditions-Q1](#)

Centeno, A; Hueso, A; Gomez-del-Campo, M

SCIENTIA HORTICULTURAE, 257 10.1016/j.scienta.2019.108657 NOV 17 2019

[Evaluation of growers' efforts to improve the sustainability of olive orchards: Development of the hydroSOStainable index-Q1](#)

Corell, M; Martin-Palomo, MJ; Sanchez-Bravo, P; Carrillo, T; Collado, J; Hernandez-Garcia, F; Giron, I; Andreu, L; Galindo, A; Lopez-Moreno, YE; Centeno, A; Perez-Lopez, D; Carbonell-Barrachina, AA; Moriana, A

SCIENTIA HORTICULTURAE, 257 10.1016/j.scienta.2019.108661 NOV 17 2019

[The interactive effect of no-tillage and liming on gross N transformation rates during the summer fallow in an acid Mediterranean soil-Q1](#)

Vazquez, E; Benito, M; Navas, M; Espejo, R; Diaz-Pines, E; Teutscherova, N

SOIL & TILLAGE RESEARCH, 194 10.1016/j.still.2019.104297 NOV 2019

[The role of CYP71A12 monooxygenase in pathogen-triggered tryptophan metabolism and Arabidopsis immunity-Q1](#)

Pastorczyk, M; Kosaka, A; Pislewska-Bednarek, M; Lopez, G; Frerigmann, H; Kulak, K; Glawischnig, E; Molina, A; Takano, Y; Bednarek, P

NEW PHYTOLOGIST, 10.1111/nph.16118

[Compatibility of early natural enemy introductions in commercial pepper and tomato greenhouses with repeated pesticide applications-Q!](#)

Dader, B; Colomer, I; Adan, A; Medina, P; Vinuela, E

INSECT SCIENCE, 10.1111/1744-7917.12723

[Behaviour and welfare of fattening lambs supplemented with varying sizes and types of straw-Q1](#)

Aguayo-Ulloa, LA; Pascual-Alonso, M; Gonzalez-Lagos, C; Miranda-de la Lama, GC; Villarroel, M; Asenjo, B; Resconi, V; Maria, GA

JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, 10.1111/jpn.13205

[Boreal Forest Floor Greenhouse Gas Emissions Across a Pleurozium schreberi-Dominated, Wildfire-Disturbed Chronosequence-Q1](#)

Mason, KE; Oakley, S; Street, LE; Arroniz-Crespo, M; Jones, DL; DeLuca, TH; Ostle, NJ

ECOSYSTEMS, 22 (6):1381-1392; 10.1007/s10021-019-00344-2 SEP 2019

[Heat flux in one-dimensional systems-Q1](#)

Mejia-Monasterio, C; Politi, A; Rondoni, L

PHYSICAL REVIEW E, 100 (3):10.1103/PhysRevE.100.032139 SEP 25 2019

[Chronic oral exposure to field-realistic pesticide combinations via pollen and nectar: effects on feeding and thermal performance in a solitary bee-Q1](#)

Azpiazu, C; Bosch, J; Vinuela, E; Medrzycki, P; Teper, D; Sgolastra, F

SCIENTIFIC REPORTS, 9 10.1038/s41598-019-50255-4 SEP 24 2019

[Oral immunotherapy with peach juice in patients allergic to LTPs-Q3](#)

Navarro, B; Alarcon, E; Claver, A; Pascal, M; Diaz-Perales, A; Cistero-Bahima, A

ALLERGY ASTHMA AND CLINICAL IMMUNOLOGY, 15 (1):10.1186/s13223-019-0374-x SEP 24 2019

[Influence of beak trimming and inclusion of sodium butyrate in the diet on growth performance and digestive tract traits of brown-egg pullets differing in initial body weight-Q1](#)

Garcia, J; Mandalawi, HA; Fondevila, G; Mateos, GG

POULTRY SCIENCE, 98 (9):3937-3949; 10.3382/ps/pez129 SEP 2019

[The apoplastic antioxidant system and altered cell wall dynamics influence mesophyll conductance and the rate of photosynthesis-Q1](#)

Clemente-Moreno, MJ; Gago, J; Daz-Vivancos, P; Bernal, A; Miedes, E; Bresta, P; Liakopoulos, G; Fernie, AR; Hernandez, JA; Flexas, J

PLANT JOURNAL, 99 (6):1031-1046; 10.1111/tpj.14437 SEP 2019

[Critical aspects in the handling of reactive silica in cementitious materials: Effectiveness of rice husk ash vs nano-silica in mortar dosage-Q1](#)

Torres-Carrasco, M; Reinoso, JJ; de la Rubia, MA; Reyes, E; Peralta, FA; Fernandez, JF

CONSTRUCTION AND BUILDING MATERIALS, 223 360-367;  
10.1016/j.conbuildmat.2019.07.023 OCT 30 2019

[Optimal management of oil content variability in olive mill batches by NIR spectroscopy-Q1](#)

Correa, EC; Roger, JM; Lleo, L; Hernandez-Sanchez, N; Barreiro, P; Diezma, B

SCIENTIFIC REPORTS, 9 10.1038/s41598-019-50342-6 SEP 27 2019

[Sensitivity of Agricultural Development to Water-Related Drivers: The Case of Andalusia \(Spain\)-Q2](#)

Martinez, P; Blanco, M

WATER, 11 (9):10.3390/w11091854 SEP 2019

[Light Intensity Modulates the Efficiency of Virus Seed Transmission through Modifications of Plant Tolerance-Q2](#)

Montes, N; Pagan, I

PLANTS-BASEL, 8 (9):10.3390/plants8090304 SEP 2019

[Evaluation of Brassica Vegetables as Potential Feed for Ruminants-Q1](#)

de Evan, T; Vintimilla, A; Marcos, CN; Ranilla, MJ; Carro, MD

ANIMALS, 9 (9):10.3390/ani9090588 SEP 2019

[Palm Oil on the Edge-Q1](#)

Gesteiro, E; Guijarro, L; Sanchez-Muniz, FJ; Vidal-Carou, MD; Troncoso, A; Venanci, L; Jimeno, V; Quilez, J; Anadon, A; Gonzalez-Gross, M

NUTRIENTS, 11 (9):10.3390/nu11092008 SEP 2019

[Types, frequencies and value of intra-varietal genotypic non-uniformity in common wheat cultivars: Authentic biotypes and foreign seeds-Q2](#)

Metakovsky, E; Melnik, V; Pascual, L; Romanov, GA; Wrigley, CW

JOURNAL OF CEREAL SCIENCE, 89 10.1016/j.jcs.2019.102813 SEP 2019

[Life on the Edge: Geminiviruses at the Interface Between Crops and Wild Plant Hosts-Q1](#)

Garcia-Arenal, F; Zerbini, FM

ANNUAL REVIEW OF VIROLOGY, VOL 6, 2019, 6 411-433; 10.1146/annurev-virology-092818-015536 2019

[Effective climate change mitigation through cover cropping and integrated fertilization: A global warming potential assessment from a 10-year field experiment-Q1](#)

Guardia, G; Aguilera, E; Vallejo, A; Sanz-Cobena, A; Alonso-Ayuso, M; Quemada, M

JOURNAL OF CLEANER PRODUCTION, 241 10.1016/j.jclepro.2019.118307 DEC 20 2019

[Performance of basophil activation test and specific IgG4 as diagnostic tools in nonspecific lipid transfer protein allergy: Antwerp-Barcelona comparison-Q1](#)

Decuyper, II; Pascal, M; Van Gasse, AL; Mertens, C; Diaz-Perales, A; Araujo, G; Torradeflot, M; Rius, J; Balsells, S; Munoz-Cano, RM; Bartra, J; Li, L; Sabato, V; Hagendorens, MM; Bridts, CH; De Clerck, LS; Ebo, DG; Faber, MA

ALLERGY, 10.1111/all.14040

[How to measure, report and verify soil carbon change to realize the potential of soil carbon sequestration for atmospheric greenhouse gas removal-Q1](#)

Smith, P; Soussana, JF; Angers, D; Schipper, L; Chenu, C; Rasse, DP; Batjes, NH; van Egmond, F; McNeill, S; Kuhnert, M; Arias-Navarro, C; Olesen, JE; Chirinda, N; Fornara, D; Wollenberg, E; Alvaro-Fuentes, J; Sanz-Cobena, A; Klumpp, K

GLOBAL CHANGE BIOLOGY, 10.1111/gcb.14815

[ICTV Virus Taxonomy Profile: Mymonaviridae-Q2](#)

Jiang, DH; Ayllon, MA; Marzano, SYL; Lefkowitz, EJ; Davison, AJ; Siddell, SG; Sabanadzovic, S; Simmonds, P; Smith, DB; Orton, RJ; Kuhn, JH

JOURNAL OF GENERAL VIROLOGY, 100 (10):1343-1344; 10.1099/jgv.0.001301 OCT 2019

[Predicting N Status in Maize with Clip Sensors: Choosing Sensor, Leaf Sampling Point, and Timing-Q1](#)

Gabriel, JL; Quemada, M; Alonso-Ayuso, M; Lizaso, JI; Martin-Lammerding, D

SENSORS, 19 (18):10.3390/s19183881 SEP 2 2019

[Comparison of Methods for Modeling Fractional Cover Using Simulated Satellite Hyperspectral Imager Spectra-Q1](#)

Dennison, PE; Qi, Y; Meerdink, SK; Kokaly, RF; Thompson, DR; Daughtry, CST; Quemada, M; Roberts, DA; Gader, PD; Wetherley, EB; Numata, I; Roth, KL

REMOTE SENSING, 11 (18):10.3390/rs11182072 SEP 2019

[Bryophyte enzymatic responses to atmospheric nitrogen deposition: A field validation for potential biomonitors-Q2](#)

Diaz-Alvarez, EA; de la Barrera, E; Arciga-Pedraza, A; Arroniz-Crespo, M

BRYOLOGIST, 122 (3):396-403; 10.1639/0007-2745-122.3.396 AUG 2019



[Availability of copper in mine tailings with humic substance addition and uptake by \*Atriplex halimus\*](#) – Q3

Tapia, Y; Casanova, M; Castillo, B; Acuna, E; Covarrubias, J; Antilen, M; Masaguer, A

ENVIRONMENTAL MONITORING AND ASSESSMENT, 191 (11):10.1007/s10661-019-7832-2 NOV 2019

[Structural equation models to disentangle the biological relationship between microbiota and complex traits: Methane production in dairy cattle as a case of study](#) – Q2

Saborio-Montero, A; Gutierrez-Rivas, M; Garcia-Rodriguez, A; Atxaerandio, R; Goiri, I; de Maturana, EL; Jimenez-Montero, JA; Alenda, R; Gonzalez-Recio, O

JOURNAL OF ANIMAL BREEDING AND GENETICS, 10.1111/jbg.12444

[Genetic and epigenetic stability of recovered mint apices after several steps of a cryopreservation protocol by encapsulation-dehydration. A new approach for epigenetic analysis](#) – Q1

Ibanez, MA; Alvarez-Mari, A; Rodriguez-Sanz, H; Kremer, C; Gonzalez-Benito, ME; Martin, C

PLANT PHYSIOLOGY AND BIOCHEMISTRY, 143 299-307; 10.1016/j.plaphy.2019.08.026 OCT 2019

[Plant immunity regulated by cell wall integrity: Unveiling novel carbohydrate-based molecular patterns](#) – Q1

Melida, H; Bacete, L; Rebaque, D; Lopez, G; Miedes, E; Jorda, L; Molina, A

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):226-226; S OCT 2019

[Quantitative phosphoproteomic analysis reveals common regulatory mechanisms between NLR- and PRR-triggered immunity in plants.](#) – Q1

Kadota, Y; Liebrand, TWH; Goto, Y; Sklenar, J; Derbyshire, P; Menke, FLH; Torres, MA; Molina, A; Zipfel, C; Coaker, GL; Shirasu, K

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):102-102; S OCT 2019

[Characterization of North American strains of the fungal endophyte PRB110](#) – Q1

Gonzalez, SD; Marin, P; Olivares, P; Donohue, K; Borja, M; Brunner, F; Sacristan, S

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):191-191; S OCT 2019

[Natural Variation in AGO2 determines susceptibility to Potexvirus and Potyvirus but not to Cucumovirus](#) – Q1

Adurogbangba, A; Montes-Casado, N; Brosseau, C; Garcia-Arenal, F; Moffett, P

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):120-120; S OCT 2019

[Bioinformatics and transcriptomic analysis of the HrpL regulon in Pseudomonas savastanoi pathovars of woody host](#) – Q1

Perez, AM; Rodriguez-Palenzuela, P; Ramos, C

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):171-171; S OCT 2019

[Biosynthesis of IAA in Pseudomonas savastanoi: A comparative genomic approach](#) – Q1

Pintado, A; Murillo, J; Rodriguez-Palenzuela, P; Ramos, C

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):181-181; S OCT 2019

[Yield and Quality Performance of Traditional and Improved Bread and Durum Wheat Varieties under Two Conservation Tillage Systems](#) – Q2

Ruiz, M; Zambrana, E; Fite, R; Sole, A; Tenorio, JL; Benavente, E

SUSTAINABILITY, 11 (17):10.3390/su11174522 SEP 1 2019

[Mitigation efforts will not fully alleviate the increase in water scarcity occurrence probability in wheat-producing areas](#) – Q1

Trnka, M; Feng, S; Semenov, MA; Olesen, JE; Kersebaum, KC; Rotter, RP; Semeradova, D; Klem, K; Huang, W; Ruiz-Ramos, M; Hlavinka, P; Meitner, J; Balek, J; Havlik, P; Buntgen, U

SCIENCE ADVANCES, 5 (9):10.1126/sciadv.aau2406 SEP 2019

[Subir](#)

## ETSI Caminos, Canales y Puertos

[Processing of WC/W composites for extreme environments by colloidal dispersion of powders and SPS sintering-Q1](#)

Garcia-Ayala, EM; Tarancon, S; Gonzalez, Z; Ferrari, B; Pastor, JY; Sanchez-Herencia, AJ

INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, 84  
10.1016/j.ijrmhm.2019.105026 NOV 2019

[Evaluating short-term rock burst damage in underground mines using a systems approach-Q2](#)

Li, N; Naghadehi, MZ; Jimenez, R

INTERNATIONAL JOURNAL OF MINING RECLAMATION AND ENVIRONMENT,  
10.1080/17480930.2019.1657654

[Study of spalling and bursting forces in precast prestressed concrete elements with no conventional geometry-Q4](#)

Contreras, JR; Montes, DF; Valle, EG

INFORMES DE LA CONSTRUCCION, 71 (555):10.3989/ic.64053 JUL-SEP 2019

[Multiscale modelling of thermoplastic woven fabric composites: From micromechanics to mesomechanics-Q1](#)

Mugica, JI; Lopes, CS; Naya, F; Herraiez, M; Martinez, V; Gonzalez, C

COMPOSITE STRUCTURES, 228 10.1016/j.compstruct.2019.111340 NOV 15 2019

[A general vibration control methodology for human-induced vibrations-Q1](#)

Wang, XD; Pereira, E; Garcia-Palacios, JH; Diaz, IM

STRUCTURAL CONTROL & HEALTH MONITORING, 26 (10):10.1002/stc.2406 OCT 2019

[Relations between intralaminar micromechanisms and translaminar fracture behavior of unidirectional FRP supported by experimental micromechanics-Q1](#)

Haldar, S; Herraez, M; Naya, F; Gonzalez, C; Lopes, CS

COMPOSITES PART B-ENGINEERING, 174 10.1016/j.compositesb.2019.107000 OCT 1 2019

[Production of regenerated silkworm silk fibers from aqueous dopes through straining flow spinning-Q1](#)

Madurga, R; Ga??n-Calvo, AM; Mariscal, T; Plaza, GR; Guinea, GV; Elices, M; P??rez-Rigueiro, J

TEXTILE RESEARCH JOURNAL, 89 (21-22):4554-4567; 10.1177/0040517519838050 NOV 2019

[Effect of advance drainage on tunnel face stability using Limit Analysis and numerical simulations-Q1](#)

Yi, CK; Senent, S; Jimenez, R

TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, 93 10.1016/j.tust.2019.103105 NOV 2019

[DBFFT: A displacement based FFT approach for non-linear homogenization of the mechanical behavior-Q1](#)

Lucarini, S; Segurado, J

INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, 144 10.1016/j.ijengsci.2019.103131 NOV 2019

[Strengthening of Al-Cu alloys by Guinier-Preston zones: Predictions from atomistic simulations-Q1](#)

Esteban-Manzanares, G; Bellon, B; Martinez, E; Papadimitriou, I; LLorca, J

JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS, 132 10.1016/j.jmps.2019.07.018 NOV 2019

[Macroscopic thermal profile of heterogeneous cancerous breasts. A three-dimensional multiscale analysis-Q1](#)

Marchena-Menendez, J; Ramirez-Torres, A; Penta, R; Rodriguez-Ramos, R; Merodio, J

INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, 144  
10.1016/j.ijengsci.2019.103135 NOV 2019

[Critical aspects in the handling of reactive silica in cementitious materials: Effectiveness of rice husk ash vs nano-silica in mortar dosage-Q1](#)

Torres-Carrasco, M; Reinoso, JJ; de la Rubia, MA; Reyes, E; Peralta, FA; Fernandez, JF

CONSTRUCTION AND BUILDING MATERIALS, 223 360-367;  
10.1016/j.conbuildmat.2019.07.023 OCT 30 2019

[Enterolithic folds in evaporites as microbially induced sedimentary structures: New model of formation and interpretation in the geological record-Q1](#)

Escavy, JI; Herrero, MJ

SEDIMENTOLOGY, 66 (6):2214-2233; 10.1111/sed.12588 OCT 2019

[Dependence Between Extreme Rainfall Events and the Seasonality and Bivariate Properties of Floods. A Continuous Distributed Physically-Based Approach-Q2](#)

Gabriel-Martin, I; Sordo-Ward, A; Garrote, L; Garcia, JT

WATER, 11 (9):10.3390/w11091896 SEP 2019

[A PFE/IE - SPH joint approach to model landslides from initiation to propagation-Q1](#)

Lin, C; Pastor, M; Li, TC; Liu, XQ; Lin, CN; Qi, HJ; Sheng, TZ

COMPUTERS AND GEOTECHNICS, 114 10.1016/j.compgeo.2019.103153 OCT 2019

[A Heuristic Approach for Exploring Uncertainties in Transport Planning Research](#)-Q2

Navarro-Ligero, ML; Soria-Lara, JA; Valenzuela-Montes, LM

PLANNING THEORY & PRACTICE, 20 (4):537-554; 10.1080/14649357.2019.1648851 AUG 8 2019

[Bio-based layered double hydroxide nanocarrier toward fire-retardant epoxy resin with efficiently improved smoke suppression](#)-Q1

Li, Z; Liu, ZQ; Zhang, J; Fu, C; Wagenknecht, U; Wang, DY

CHEMICAL ENGINEERING JOURNAL, 378 10.1016/j.cej.2019.122046 DEC 15 2019

[Science mapping on the Environmental Footprint: A scientometric analysis-based review – Q1](#)

Martinez, S; Delgado, MD; Marin, RM; Alvarez, S

ECOLOGICAL INDICATORS, 106 10.1016/j.ecolind.2019.105543 NOV 2019

[Dynamic characterisation of interlaminar fracture toughness in carbon fibre epoxy composite laminates](#) – Q1

Riezzo, MA; Simmons, M; Russell, B; Sket, F; Martinez, V; Gonzalez, C

COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, 126 10.1016/j.compositesa.2019.105597 NOV 2019

[Subir](#)

## ETSI Civil

### [Matrix Toda and Volterra lattices-Q1](#)

Branquinho, A; Foulquie-Moreno, A; Garcia-Ardila, JC

APPLIED MATHEMATICS AND COMPUTATION, 365 10.1016/j.amc.2019.124722 JAN 15  
2020

[Subir](#)

## ETSI Diseño Industrial

### [EXPERIMENTAL VALIDATION OF AN ESCALATOR SIMULATION MODEL-Q4](#)

Cano-Moreno, JD; Becerra, JMC

LATIN AMERICAN APPLIED RESEARCH, 49 (3):187-192; 2019

[Subir](#)



## ETSI Industriales

[Periodically correlated models for short-term electricity load forecasting-Q1](#)

Caro, E; Juan, J; Cara, J

APPLIED MATHEMATICS AND COMPUTATION, 364 10.1016/j.amc.2019.124642 JAN 1 2020

[Non-linear vector current source for the control of permanent magnet synchronous generators in wave energy applications-Q1](#)

Ramirez, D; Mendonca, H; Blanco, M; Martinez, F

IET RENEWABLE POWER GENERATION, 13 (13):2409-2417; 10.1049/iet-rpg.2019.0122 OCT 7 2019

[Mandatory Convertible Bonds and the Agency Problem-Q2](#)

Huerga, A; Rodriguez-Monroy, C

SUSTAINABILITY, 11 (15):10.3390/su11154074 AUG 2019

[Unfolding eco-industrial parks through niche experimentation: Insights from three Italian cases-Q1](#)

Susur, E; Martin-Carrillo, D; Chiaroni, D; Hidalgo, A

JOURNAL OF CLEANER PRODUCTION, 239 10.1016/j.jclepro.2019.118069 DEC 1 2019

[Health monitoring of reinforced concrete structures with hysteretic dampers subjected to dynamical loads by means of the acoustic emission energy-Q1](#)

Cortes, G; Suarez, E; Gallego, A; Benavent-Climent, A

STRUCTURAL HEALTH MONITORING-AN INTERNATIONAL JOURNAL, 18 (5-6):1836-1850; 10.1177/1475921718813489 NOV 2019

[Deep evolutionary modeling of condition monitoring data in marine propulsion systems-Q2](#)

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

SOFT COMPUTING, 23 (20):9937-9953; 10.1007/s00500-018-3549-3 OCT 2019

[Numerical modelling of blood clot extraction by aspiration thrombectomy. Evaluation of aspiration catheter geometry-Q2](#)

Talayero, C; Romero, G; Pearce, G; Wong, J

JOURNAL OF BIOMECHANICS, 94 193-201; 10.1016/j.jbiomech.2019.07.033 SEP 20 2019

[Using a system theory based method \(STAMP\) for hazard analysis in process industry-Q2](#)

Yousefi, A; Hernandez, MR

JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES, 61 305-324;  
10.1016/j.jlp.2019.06.014 SEP 2019

[The Use of the Internet of Things for Estimating Personal Pollution Exposure-Q1](#)

Arano, KAG; Sun, SJ; Ordieres-Mere, J; Gong, B

INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, 16  
(17):10.3390/ijerph16173130 SEP 1 2019

[EXPERIMENTAL VALIDATION OF AN ESCALATOR SIMULATION MODEL-Q4](#)

Cano-Moreno, JD; Becerra, JMC

LATIN AMERICAN APPLIED RESEARCH, 49 (3):187-192; 2019

[A Novel Data Processing Technique for Expert Resonant Nano-Pillars Transducers: A Case Study Measuring Ethanol in Water and Wine Liquid Matrices-Q1](#)

Quintero, S; Marino, R; Lanza-Gutierrez, JM; Sanza, FJ; Riesgo, T; Holgado, M

IEEE ACCESS, 7 129778-129788; 10.1109/ACCESS.2019.2939576 2019

[Grasping Objects From the Floor in Assistive Robotics: Real World Implications and Lessons Learned-Q1](#)

De La Puente, P; Fischinger, D; Bajones, M; Wolf, D; Vincze, M

IEEE ACCESS, 7 123725-123735; 10.1109/ACCESS.2019.2938366 2019

[A machine learning approach for traffic-noise annoyance assessment-Q2](#)

Bravo-Moncayo, L; Lucio-Naranjo, J; Chavez, M; Pavon-Garcia, I; Garzon, C

APPLIED ACOUSTICS, 156 262-270; 10.1016/j.apacoust.2019.07.010 DEC 15 2019

[On the Large Near-Field Enhancement on Nanocolumnar Gold Substrates](#)

Diaz-Nunez, P; Garcia-Martin, JM; Gonzalez, MU; Gonzalez-Arrabal, R; Rivera, A; Alonso-Gonzalez, P; Martin-Sanchez, J; Taboada-Gutierrez, J; Gonzalez-Rubio, G; Guerrero-Martinez, A; Banares, L; Pena-Rodriguez, O

SCIENTIFIC REPORTS, 9 10.1038/s41598-019-50392-w SEP 26 2019

[Spectroscopic study of acetohydroxamic acid \(AHA\) hydrolysis in the presence of europium. Implications in the extraction system studies for lanthanide and actinide separation-Q2](#)

Sanchez-Garcia, I; Bonales, LJ; Galan, H; Perlado, JM; Cobos, J

NEW JOURNAL OF CHEMISTRY, 43 (39):15714-15722; 10.1039/c9nj03360b OCT 21 2019

[The project managers' challenges in a projectification environment-Q3](#)

Ballesteros-Sanchez, L; Ortiz-Marcos, I; Rodriguez-Rivero, R

INTERNATIONAL JOURNAL OF MANAGING PROJECTS IN BUSINESS, 12 (3):522-544;  
10.1108/IJMPB-09-2018-0195 SEP 2 2019

[Deep Learning for Industrial Computer Vision Quality Control in the Printing Industry 4.0-Q1](#)

Villalba-Diez, J; Schmidt, D; Gevers, R; Ordieres-Mere, J; Buchwitz, M;  
Wellbrock, W

SENSORS, 19 (18):10.3390/s19183987 SEP 2 2019

[Metallic Slit-Plate Dampers: Damage Evaluation with Metal Magnetic Memory Technique and Application to Structures with Rocking Columns-Q1](#)

Abarkane, C; Rios-Garcia, G; Gale-Lamuela, D; Rescalvo, F; Gallego, A;  
Benavent-Climent, A

METALS, 9 (9):10.3390/met9090953 SEP 2019

[Thermal Effects in the Ablation of Bovine Cortical Bone with Pulsed Laser Sources-Q2](#)

Canteli, D; Munoz-Garcia, C; Morales, M; Marquez, A; Lauzurica, S;  
Arregui, J; Lazkoz, A; Molpeceres, C

MATERIALS, 12 (18):10.3390/ma12182916 SEP 2019

[Experimental and Computational Methodology for the Determination of Hydrodynamic Coefficients Based on Free Decay Test: Application to Conception and Control of Underwater Robots-Q1](#)

Cely, JS; Saltaren, R; Portilla, G; Yakrang, O; Rodriguez-Barroso, A

SENSORS, 19 (17):10.3390/s19173631 SEP 1 2019

[Temporal Acoustic Emission Index for Damage Monitoring of RC Structures Subjected to Bidirectional Seismic Loadings-Q2](#)

Abarkane, C; Rescalvo, FJ; Donaire-Avila, J; Gale-Lamuela, D;  
Benavent-Climent, A; Molina, AG

MATERIALS, 12 (17):10.3390/ma12172804 SEP 2019

[The remote handling system of IFMIF-DONES-Q2](#)

Micciche, G; Ascott, M; Bakic, A; Bernardi, D; Brenosa, J; Coloma, S; Crofts, O; Di Gironimo, G; Ferre, M; Fischer, G; Ibarra, A; Karap, A; Kiss, IG; Kunert, C; Lorenzelli, L; Mitchell, G; Mittwollen, M; Pagani, P; Papa, S; Porempovics, G; Tadic, T; Matyas, T

FUSION ENGINEERING AND DESIGN, 146 2786-2790; SI 10.1016/j.fusengdes.2019.01.112  
B SEP 2019

[Tropical Atlantic Variability: Observations and Modeling-Q3](#)

Cabos, W; de la Vara, A; Koseki, S

ATMOSPHERE, 10 (9):10.3390/atmos10090502 SEP 2019

[An EMI-Based Clustering for Structural Health Monitoring of NSM FRP Strengthening Systems-Q1](#)

Perera, R; Torres, L; Ruiz, A; Barris, C; Baena, M

SENSORS, 19 (17):10.3390/s19173775 SEP 1 2019

[Methodology for Remote Handling Operations in IFMIF-DONES-Q2](#)

Coloma, S; Ferre, M; Cogollor, JM; Micciche, G

FUSION ENGINEERING AND DESIGN, 146 1334-1337; SI 10.1016/j.fusengdes.2019.02.070  
A SEP 2019

[Constitutive Model for Rubberized Concrete Passively Confined with FRP Laminates-Q2](#)

Raffoul, S; Escolano-Margarit, D; Garcia, R; Guadagnini, M; Pilakoutas, K

JOURNAL OF COMPOSITES FOR CONSTRUCTION, 23 (6):10.1061/(ASCE)CC.1943-5614.0000972 DEC 1 2019

[Large scale and information effects on cooperation in public good games – Q1](#)

Pereda, M; Tamarit, I; Antonioni, A; Cuesta, JA; Hernandez, P; Sanchez, A

SCIENTIFIC REPORTS, 9 10.1038/s41598-019-50964-w OCT 21 2019

[Modeling Living Cells Within Microfluidic Systems Using Cellular Automata Models – Q1](#)

Hernando, JB; Gomez, MR; Lantada, AD

SCIENTIFIC REPORTS, 9 10.1038/s41598-019-51494-1 OCT 17 2019

[Airborne power ultrasound for drying process intensification at low temperatures: Use of a stepped-grooved plate transducer – Q2](#)

Andres, RR; Riera, E; Gallego-Juarez, JA; Mulet, A; Garcia-Perez, JV; Carcel, JA

DRYING TECHNOLOGY, 10.1080/07373937.2019.1677704

[Protic Ionic Liquids as Cell-Disrupting Agents for the Recovery of Intracellular Carotenoids from Yeast \*Rhodotorula glutinis\* CCT-2186 – Q1](#)

Mussagy, CU; Santos-Ebinuma, VC; Gonzalez-Miquel, M; Coutinho, JAP; Pereira, JFB

ACS SUSTAINABLE CHEMISTRY & ENGINEERING, 7 (19):16765-16776;  
10.1021/acssuschemeng.9b04247 OCT 7 2019

[How does urban wastewater treatment affect the microbial quality of treated wastewater? – Q1](#)

Lopez, A; Rodriguez-Chueca, J; Mosteo, R; Gomez, J; Rubio, E; Goni, P; Ormad, MP

PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, 130 22-30;  
10.1016/j.psep.2019.07.016 OCT 2019

[Non-linear population discrete models with two time scales: re-scaling of part of the slow process – Q1](#)

Sanz, L; de la Parra, RB; Marva, M; Sanchez, E

ADVANCES IN DIFFERENCE EQUATIONS, 2019 (1):10.1186/s13662-019-2303-1 SEP 18 2019

[Sustainability and Water Sensitive Cities: Analysis for Intermediary Cities in Andalusia – Q2](#)

Bermejo-Martin, G; Rodriguez-Monroy, C

SUSTAINABILITY, 11 (17):10.3390/su11174677 SEP 1 2019

[Subir](#)

## ETSI Informáticos

[Development of the Montegancedo SmartCampus \(UPM\) based on the Spatial Data Infrastructures model](#)-Q4

Alvarez, M; Raposo, JF; Miranda, M; Bello, AB; Barbero, M

INFORMES DE LA CONSTRUCCION, 71 (555):10.3989/ic.66252 JUL-SEP 2019

[Fostering interpretability of data mining models through data perturbation](#)-Q1

Belkoura, S; Zanin, M; LaTorre, A

EXPERT SYSTEMS WITH APPLICATIONS, 137 191-201; 10.1016/j.eswa.2019.07.001 DEC 15 2019

[A multi-criteria approach for assigning weights in voting systems](#)-Q2

Gonzalez-Pachon, J; Diaz-Balteiro, L; Romero, C

SOFT COMPUTING, 23 (17):8181-8186; 10.1007/s00500-018-3453-x SEP 2019

[Evaluation of the Implementation of an Abstract Interpretation Algorithm using Tabled CLP](#)-Q1

Arias, J; Carro, M

THEORY AND PRACTICE OF LOGIC PROGRAMMING, 19 (5-6):1107-1123; SI 10.1017/S1471068419000383 SEP 2019

[Revisiting Explicit Negation in Answer Set Programming](#)-Q1

Aguado, F; Cabalar, P; Fandinno, J; Pearce, D; Perez, G; Vidal, C

THEORY AND PRACTICE OF LOGIC PROGRAMMING, 19 (5-6):908-924; SI 10.1017/S1471068419000267 SEP 2019



[A fast temporal and hybrid SHVC encoder-Q2](#)

Diaz-Honrubia, AJ; Martinez, JL; Cuenca, P

SIGNAL PROCESSING-IMAGE COMMUNICATION, 78 180-186;  
10.1016/j.image.2019.07.002 OCT 2019

[Introducing gamification to increase staff involvement and motivation when conducting SPI initiatives in small-sized software enterprises-Q4](#)

Ivan, G; Carla, P; Antonio, CMJ

IET SOFTWARE, 13 (5):456-465; 10.1049/iet-sen.2018.5246 OCT 2019

[System based on piezoelectric sensors for deflection measurement in concrete beams-Q4](#)

Vega, DF; Fernandez, CM; Martinez, PS; Velilla, JPD

REVISTA DE LA CONSTRUCCION, 18 (2):282-289; 10.7764/RDLC.18.2.282 JUL 2019

[Multi-scale RoIs selection for classifying multi-spectral images – Q2](#)

Seal, A; Garcia-Pedrero, A; Bhattacharjee, D; Nasipuri, M; Lillo-Saavedra, M; Menasalvas, E; Gonzalo-Martin, C

MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING, 10.1007/s11045-019-00684-1

[A Parallel Image Skeletonizing Method Using Spiking Neural P Systems with Weights – Q2](#)

Song, T; Pang, SC; Hao, SH; Rodriguez-Paton, A; Zheng, P

NEURAL PROCESSING LETTERS, 50 (2):1485-1502; 10.1007/s11063-018-9947-9 OCT 2019

[Assessment of Hyperspectral Sharpening Methods for the Monitoring of Natural Areas Using Multiplatform Remote Sensing Imagery – Q1](#)

Marcello, J; Ibarrola-Ulzurrun, E; Gonzalo-Martin, C; Chanussot, J; Vivone, G

IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, 57 (10):8208-8222;  
10.1109/TGRS.2019.2918932 OCT 2019

[GPTSG: A Genetic Programming Test Suite Generator Using Information Theory Measures – Q4](#)

Ibias, A; Grinan, D; Nunez, M

ADVANCES IN COMPUTATIONAL INTELLIGENCE, IWANN 2019, PT I, 11506 716-728;  
10.1007/978-3-030-20521-8\_59 2019

[Assess and Enhancing Attention in Learning Activities](#)

Duraes, D; Bajo, J; Novais, P

TEACHING AND LEARNING IN A DIGITAL WORLD, VOL 1, 715 803-811; 10.1007/978-3-319-73210-7\_93 2018

[Subir](#)

## ETSI Minas y Energía

[Weather-dependent modelling of the indoor radon concentration in two dwellings using CONTAM](#)-Q3

Garcia-Tobar, J

INDOOR AND BUILT ENVIRONMENT, 28 (10):1341-1349; 10.1177/1420326X19841119  
DEC 2019

[Attosecond helical pulses](#)-Q2

Porras, MA

PHYSICAL REVIEW A, 100 (3):10.1103/PhysRevA.100.033826 SEP 20 2019

[Challenges in organic component selection and biochar as an opportunity in potting substrates: a review](#)-Q4

Zulfiqar, F; Allaire, SE; Akram, NA; Mendez, A; Younis, A; Peerzada, AM; Shaukat, N;  
Wright, SR

JOURNAL OF PLANT NUTRITION, 42 (11-12):1386-1401;  
10.1080/01904167.2019.1617310 JUL 21 2019

[Solving second order non-linear hyperbolic PDEs using generalized finite difference method \(GFDM\)](#)-Q1

Urena, F; Gavete, L; Garcia, A; Benito, JJ; Vargas, AM

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, 363 1-21;  
10.1016/j.cam.2019.05.028 JAN 1 2020

[A multivariate examination of the timing and accumulation of potentially toxic elements at Las Conchas bog \(NW Spain\)](#)-Q1

Gallego, JLR; Ortiz, JE; Sanchez-Palencia, Y; Baragano, D; Borrego, AG;  
Torres, T

ENVIRONMENTAL POLLUTION, 254 10.1016/j.envpol.2019.113048 B NOV 2019

[A review of development of better prediction equations for blast fragmentation-](#)

Ouchterlony, F; Sanchidrian, JA

JOURNAL OF ROCK MECHANICS AND GEOTECHNICAL ENGINEERING, 11 (5):1094-1109;  
10.1016/j.jrmge.2019.03.001 OCT 2019

[Flipped classroom in engineering: The influence of gender](#) – Q2

Chiquito, M; Castedo, R; Santos, AP; Lopez, LM; Alarcon, C

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, 10.1002/cae.22176

[Double sweep tracer for I-V curves characterization and continuous monitoring of photovoltaic facilities](#) – Q1

Vega, A; Valino, V; Conde, E; Ramos, A; Reina, P

SOLAR ENERGY, 190 622-629; 10.1016/j.solener.2019.07.053 SEP 15 2019

[Subir](#)

## ETSI Montes, Forestal y del Medio Natural

[A matrix system using quality classes can be applied for managing sustainable wild ungulates populations: Convergence above optimum capacity-Q2](#)

Martinez, A; Martin, AJ

ECOLOGICAL ENGINEERING, 138 289-297; 10.1016/j.ecoleng.2019.07.026 NOV 2019

[Valorization of sludge from the quartz industry as soil amendment and crop production-Q1](#)

Delgado, M; Maeso, FJ; Martin, JV; Gonzalez, MI; Martinez, S

SOIL & TILLAGE RESEARCH, 194 10.1016/j.still.2019.104320 NOV 2019

[Foliar fertilization of two dominant species in a semiarid ecosystem improves their ecophysiological status and the use efficiency of a water pulse-Q1](#)

Ruiz-Navarro, A; Fernandez, V; Abadia, J; Abadia, A; Querejeta, JI; Albaladejo, J; Barbera, GG

ENVIRONMENTAL AND EXPERIMENTAL BOTANY, 167 10.1016/j.envexpbot.2019.103854 NOV 2019

[Spatio-temporal variation of biotic and abiotic stress agents determines seedling survival in assisted oak regeneration-Q1](#)

Lopez-Sanchez, A; Pelaez, M; Dirzo, R; Fernandes, GW; Seminatore, M; Perea, R

JOURNAL OF APPLIED ECOLOGY, 10.1111/1365-2664.13500

[A multi-criteria approach for assigning weights in voting systems-Q2](#)

Gonzalez-Pachon, J; Diaz-Balteiro, L; Romero, C

SOFT COMPUTING, 23 (17):8181-8186; 10.1007/s00500-018-3453-x SEP 2019

[Regeneration in the Understory of Declining Overstory Trees Contributes to Soil Respiration Homeostasis along Succession in a Sub-Mediterranean Beech Forest](#)-Q2

Rodriguez-Calcerrada, J; Salomon, R; Barba, J; Gordaliza, GG; Yuste, JC; Magro, C; Gil, L  
FORESTS, 10 (9):10.3390/f10090727 SEP 2019

[New tools and approaches to promote soil and water bioengineering in the Mediterranean](#)-Q1

Zaimas, GN; Tardio, G; Iakovoglou, V; Gimenez, M; Garcia-Rodriguez, JL; Sangalli, P  
SCIENCE OF THE TOTAL ENVIRONMENT, 693 10.1016/j.scitotenv.2019.133677 NOV 25 2019

[The Forest Observation System, building a global reference dataset for remote sensing of forest biomass](#)-Q1

Schepaschenko, D; Chave, J; Phillips, OL; Lewis, SL; Davies, SJ; Rejou-Mechain, M; Sist, P; Scipal, K; Perger, C; Herault, B; Labriere, N; Hofhansl, F (...)  
SCIENTIFIC DATA, 6 10.1038/s41597-019-0196-1 OCT 10 2019

[Comparison between wet and dry timber visual strength grading according to the Spanish \(UNE 56544\) and German \(DIN 4074-1\) standards](#)-Q2

Llana, DF; Arriaga, F; Esteban, M; Iniguez-Gonzalez, G  
MATERIALES DE CONSTRUCCION, 69 (336):10.3989/mc.2019.03319 OCT-DEC 2019

[Ecologically distinct pine species show differential root development after outplanting in response to nursery nutrient cultivation](#) – Q1

Toca, A; Oliet, JA; Villar-Salvador, P; Catalan, RAM; Jacobs, DF  
FOREST ECOLOGY AND MANAGEMENT, 451 10.1016/j.foreco.2019.117562 NOV 1 2019

[New set of microsatellite markers for the walnut hybrid progeny Mj209xRa and assessment of its transferability into Juglans genus](#) – Q3

Contreras, A; Licea-Moreno, RJ; Campos, V; Quintana, J; Merino, I; Gomez, L

FOREST SYSTEMS, 28 (2):10.5424/fs/2019282-14776 2019

[Subir](#)

## ETSI Navales

[Selection of thermoplastic polymers for use as bipolar plates in direct methanol fuel cell applications-Q1](#)

Santiago, O; Raso, MA; Navarro, E; Leo, TJ

MATERIALS & DESIGN, 183 10.1016/j.matdes.2019.108148 DEC 5 2019

[Subir](#)



## ETSI Sistemas Informáticos

### [NETWORKS OF PICTURE PROCESSORS WITH CIRCULAR PERMUTATION-Q3](#)

Arroyo, F; Gomez, S; Mitrana, V; Sanchez, JR

PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS  
TECHNICAL SCIENCES INFORMATION SCIENCE, 20 (3):307-315; JUL-SEP 2019

### [Consensus using omega in asynchronous systems with unknown membership and degenerative Byzantine failures-Q3](#)

Jimenez, E; Lopez-Presa, JL; Martin-Rueda, J

JOURNAL OF COMPUTER AND SYSTEM SCIENCES, 107 54-71; 10.1016/j.jcss.2019.06.003  
FEB 2020

### [Body of Knowledge Model and Linked Data Applied in Development of Higher Education Curriculum-](#)

Quezada-Sarmiento, PA; Enciso, L; Conde, L; Mayorga-Diaz, MP; Guaigua-Vizcaino, ME;  
Hernandez, W; Washizaki, H

ADVANCES IN COMPUTER VISION, CVC, VOL 1, 943 758-773; 10.1007/978-3-030-17795-  
9\_57 2020

[Subir](#)

## ETSI Sistemas Telecomunicación

[Characterization of electrochemical systems using potential step voltammetry. Part I: Modeling by means of equivalent circuits-Q1](#)

Ramon, JE; Martinez-Ibernon, A; Gandia-Romero, JM; Fraile, R; Bataller, R; Alcaniz, M; Garcia-Breijo, E; Soto, J

ELECTROCHIMICA ACTA, 323 10.1016/j.electacta.2019.134702 NOV 10 2019

[FPGA-based interlock system for the chopper of the Linear IFMIF prototype accelerator injector-Q2](#)

Astrain, M; Barrera, E; Carpeno, A; Hirata, Y; Kasugai, A; Marqueta, A; Sanz, D; Jugo, J; Badillo, I

FUSION ENGINEERING AND DESIGN, 146 1708-1711; SI 10.1016/j.fusengdes.2019.03.021 B SEP 2019

[Measurement-Based Modeling and Analysis of UAV Air-Ground Channels at 1 and 4 GHz-Q2](#)

Cui, ZZ; Briso-Rodriguez, C; Guan, K; Calvo-Ramirez, C; Ai, B; Zhong, ZD

IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, 18 (9):1804-1808; 10.1109/LAWP.2019.2930547 SEP 2019

[ITER upper visible/infrared wide angle viewing system: I&C design and prototyping status-Q2](#)

Martin, V; Esquembri, S; Awanzino, C; Nieto, J; Ruiz, M; Reichle, R

FUSION ENGINEERING AND DESIGN, 146 2446-2449; SI 10.1016/j.fusengdes.2019.04.015 B SEP 2019

[Scenario development for D-T operation at JET-Q1](#)

Garzotti, L; Challis, C; Dumont, R; Frigione, D; Graves, J; Lerche, E; Mailloux, J; Mantsinen, M; Rimini, F; Casson, F; Czarnecka, A; Eriksson, J; Felton, R; Frassinetti, L; Gallart, D; Garcia, J; Giroud, C; Joffrin, E;

NUCLEAR FUSION, 59 (7):10.1088/1741-4326/ab1cca JUL 2019

[An Application of Computer Algebra and Dynamical Systems](#)-Q4

Stanimirovic, PS; Wei, YM; Kolundzija, D; Sendra, JR; Sendra, J

ALGEBRAIC INFORMATICS, CAI 2019, 11545 225-236; 10.1007/978-3-030-21363-3\_19  
2019

[Consensus using omega in asynchronous systems with unknown membership and degenerative Byzantine failures](#)-Q3

Jimenez, E; Lopez-Presa, JL; Martin-Rueda, J

JOURNAL OF COMPUTER AND SYSTEM SCIENCES, 107 54-71; 10.1016/j.jcss.2019.06.003  
FEB 2020

[Numerical Representation of Directed Acyclic Graphs for Efficient Dataflow Embedded Resource Allocation](#) – Q3

Arrestier, F; Desnos, K; Juarez, E; Menard, D

ACM TRANSACTIONS ON EMBEDDED COMPUTING SYSTEMS, 18 (5):S SI  
10.1145/3358225 OCT 2019

[Train-to-Infrastructure Channel Modeling and Simulation in MmWave Band](#) – Q1

He, DP; Ai, B; Briso-Rodriguez, C; Zhong, ZD

IEEE COMMUNICATIONS MAGAZINE, 57 (9):44-49; 10.1109/MCOM.001.1800955 SEP  
2019

[MODERN RAILWAYS: COMMUNICATIONS SYSTEMS AND TECHNOLOGIES](#) – Q1

Moreno, J; Sand, S; Guan, K

IEEE COMMUNICATIONS MAGAZINE, 57 (9):10-11; 10.1109/MCOM.2019.8847218 SEP  
2019

[Subir](#)

## ETSI Telecomunicación

[Thermoradiative Cells Based on a p-type Cu<sub>3</sub>SbSe<sub>4</sub> Semiconductor: Application of a Detailed Balance Model](#)-Q3

Garcia, G; Fernandez, JJ; Palacios, P; Wahnou, P

JOURNAL OF ELECTRONIC MATERIALS, 48 (10):6777-6785; SI 10.1007/s11664-019-07485-z OCT 2019

[An Application-Aware Clustering Protocol for Wireless Sensor Networks to Provide QoS Management](#)-Q2

Rozas, A; Araujo, A

JOURNAL OF SENSORS, 2019 10.1155/2019/8569326 SEP 2 2019

[A semantic data lake framework for autonomous fault management in SDN environments](#)-Q4

Benayas, F; Carrera, A; Garcia-Amado, M; Iglesias, CA

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, 30 (9):SI 10.1002/ett.3629 SEP 2019

[Design and characterization of a 6-18 GHz GaN on SiC high-power amplifier MMIC for electronic warfare](#)-Q4

Gigorro, E; Pascual, ED; Martinez, JS; Heras, MLG; Fernandez, VB; Marquez, AB; Grajal, J

INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, 11 (7):625-634; SI 10.1017/S1759078719000503 SEP 2019

[Ordered arrays of defect-free GaN nanocolumns with very narrow excitonic emission line width](#)-Q3

Fernando-Saavedra, A; Albert, S; Bengoechea-Encabo, A; Lopez-Romero, D; Niehle, M; Metzner, S; Schmidt, G; Bertram, F; Sanchez-Garcia, MA; Trampert, A; Christen, J; Calleja, E

JOURNAL OF CRYSTAL GROWTH, 525 10.1016/j.jcrysgro.2019.125189 NOV 1 2019

[Big Data Analysis and Machine Learning in Intensive Care Units-Q3](#)

Reiz, ANN; de la Hoz, MAA; Garcia, MS

MEDICINA INTENSIVA, 43 (7):416-426; 10.1016/j.medin.2018.10.007 OCT 2019

[Performance of clock sources and their influence on time synchronization in wireless sensor networks-Q3](#)

Tirado-Andres, F; Araujo, A

INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS, 15 (9):10.1177/1550147719879372 SEP 2019

[Older adults exhibit a more pronounced modulation of beta oscillations when performing sustained and dynamic handgrips-Q1](#)

Xifra-Porxas, A; Niso, G; Lariviere, S; Kassinopoulos, M; Baillet, S; Mitsis, GD; Boudrias, MH

NEUROIMAGE, 201 10.1016/j.neuroimage.2019.116037 NOV 1 2019

[A 10-Way Power Divider Based on a Transducer and a Radial Junction Operating in the Circular TM01 Mode-Q1](#)

Montejo-Garai, JR; Ruiz-Cruz, JA; Rebollar, JM

IEEE ACCESS, 7 127353-127361; 10.1109/ACCESS.2019.2939291 2019

[Development of a high-performance W-band duplexer for plasma diagnosis using a single band with dual circular polarization-Q2](#)

Montejo-Garai, JR; Leal-Sevillano, CA; Ruiz-Cruz, JA; Rebollar, JM

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, 947 10.1016/j.nima.2019.162712 DEC 11 2019

[Advanced Multibeam Antenna Configurations Based on Reflectarrays: Providing multispot coverage with a smaller number of apertures for satellite communications in the K and Ka bands-Q1](#)

Martinez-de-Rioja, E; Martinez-de-Rioja, D; Encinar, JA; Pino, A; Gonzalez-Valdes, B; Rodriguez-Vaqueiro, Y; Arias, M; Toso, G

IEEE ANTENNAS AND PROPAGATION MAGAZINE, 61 (5):77-86;  
10.1109/MAP.2019.2932311 OCT 2019

[Intra- and inter-annual variability in dynamic discharge from the Academy of Sciences Ice Cap, Severnaya Zemlya, Russian Arctic, and its role in modulating mass balance-Q1](#)

Sanchez-Gamez, P; Navarro, FJ; Benham, TJ; Glazovsky, AF; Bassford, RP; Dowdeswell, JA

JOURNAL OF GLACIOLOGY, 65 (253):780-797; 10.1017/jog.2019.58 OCT 2019

[A multi-threshold approach and a realistic error measure for vanishing point detection in natural landscapes-Q1](#)

Garcia-Faura, A; Fernandez-Martinez, F; Kleinlein, R; San-Segundo, R; Diaz-de-Maria, F

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, 85 713-726;  
10.1016/j.engappai.2019.08.001 OCT 2019

[Experimental Evaluation of an RSSI-Based Localization Algorithm on IoT End-Devices-Q1](#)

Pita, R; Utrilla, R; Rodriguez-Zurrunero, R; Araujo, A

SENSORS, 19 (18):10.3390/s19183931 SEP 2 2019

[An Identity Model for Providing Inclusive Services and Applications-Q2](#)

Marco, L; Alonso, A; Quemada, J

APPLIED SCIENCES-BASEL, 9 (18):10.3390/app9183813 SEP 2019

[Additive Manufacturing of a High-Performance Q-Band Circular TE<sub>01</sub> Mode Flared-Type Transducer-Q2](#)

Gonzalez-Calvo, M; Montejo-Garai, JR; Ruiz-Cruz, JA; Rebollar, JM

IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS, 29 (9):577-579;  
10.1109/LMWC.2019.2927842 SEP 2019

[EXPOSURE ASSESSMENT OF PORTABLE WIRELESS DEVICES ABOVE 6 GHZ-Q4](#)

Carrasco, E; Colombi, D; Foster, KR; Ziskin, M; Balzano, Q

RADIATION PROTECTION DOSIMETRY, 183 (4):489-496; 10.1093/rpd/ncy177 JUN 2019

[Emotional memory in bipolar disorder: Impact of multiple episodes and childhood trauma-Q1](#)

Fijtman, A; Bucker, J; Strange, BA; Martins, DS; Passos, IC; Hasse-Sousa, M; Lima, FM; Kapczinski, F; Yatham, L; Kauer-Sant'Anna, M

JOURNAL OF AFFECTIVE DISORDERS, 260 206-213; 10.1016/j.jad.2019.09.003 JAN 1 2020

[An asymptotically optimal Bernoulli factory for certain functions that can be expressed as power series – Q2](#)

Mendo, L

STOCHASTIC PROCESSES AND THEIR APPLICATIONS, 129 (11):4366-4384;  
10.1016/j.spa.2018.11.017 NOV 2019

[Remote Monitoring of Treatment Response in Parkinson's Disease: The Habit of Typing on a Computer – Q1](#)

Matarazzo, M; Arroyo-Gallego, T; Montero, P; Puertas-Martín, V; Butterworth, I; Mendoza, CS; Ledesma-Carbayo, MJ; Catalán, MJ; Molina, JA; Bermejo-Pareja, F; Martínez-Castrillo, JC; Lopez-Manzanares, L; Alonso-Canovas, A; Rodriguez, JH; Obeso, I; Martínez-Martin, P; Martínez-Avila, JC; de la Cámara, AG; Gray, M; Obeso, JA; Giancardo, L; Sanchez-Ferro, A

MOVEMENT DISORDERS, 34 (10):1488-1495; 10.1002/mds.27772 OCT 2019

[Automated detection of neutropenia using noninvasive video microscopy of superficial capillaries](#) – Q1

Pablo-Trinidad, A; Butterworth, I; Ledesma-Carbayo, MJ; Vettenburg, T; Sanchez-Ferro, A; Soenksen, L; Durr, NJ; Munoz-Barrutia, A; Cerrato, C; Humala, K; Urdiol, MF; Del Rio, C; Valles, B; Chen, YB; Hochberg, EP; Castro-Gonzalez, C; Bourquard, A

AMERICAN JOURNAL OF HEMATOLOGY, 94 (8):E219-E222; 10.1002/ajh.25516 AUG 2019

[Deep Neural Networks for Driver Identification Using Accelerometer Signals from Smartphones](#)

Sanchez, SH; Pozo, RF; Gomez, LAH

BUSINESS INFORMATION SYSTEMS, BIS 2019, PT II, 354 206-220; 10.1007/978-3-030-20482-2\_17 2019

[Subir](#)



## ETSI Topografía, Geodesia y Cartografía

No hay documentos este mes.

[Subir](#)

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

[Technical and physical performances of Chinese Super League soccer players differ according to their playing status and position](#)-Q4

Gai, Y; Volossovitch, A; Leicht, AS; Gomez, MA

INTERNATIONAL JOURNAL OF PERFORMANCE ANALYSIS IN SPORT, 19 (5):878-892;  
10.1080/24748668.2019.1669356 SEP 3 2019

[Effects of concurrent exercise training on muscle dysfunction and systemic oxidative stress in older people with COPD](#)-Q1

Alcazar, J; Losa-Reyna, J; Rodriguez-Lopez, C; Navarro-Cruz, R; Alfaro-Acha, A; Ara, I; Garc?a-Garc?a, FJ; Alegre, LM; Guadalupe-Grau, A

SCANDINAVIAN JOURNAL OF MEDICINE & SCIENCE IN SPORTS, 29 (10):1591-1603;  
10.1111/sms.13494 OCT 2019

[Protective Effect of Exercise in Pregnant Women Including Those Who Exceed Weight Gain Recommendations: A Randomized Controlled Trial](#)-Q1

Pelaez, M; Gonzalez-Cerron, S; Montejo, R; Barakat, R

MAYO CLINIC PROCEEDINGS, 94 (10):1951-1959; 10.1016/j.mayocp.2019.01.050 OCT 2019

[Palm Oil on the Edge](#)-Q1

Gesteiro, E; Guijarro, L; Sanchez-Muniz, FJ; Vidal-Carou, MD; Troncoso, A; Venanci, L; Jimeno, V; Quilez, J; Anadon, A; Gonzalez-Gross, M

NUTRIENTS, 11 (9):10.3390/nu11092008 SEP 2019

[Caffeine Supplementation Improves Anaerobic Performance and Neuromuscular Efficiency and Fatigue in Olympic-Level Boxers](#)-Q1

San Juan, AF; Lopez-Samanes, A; Jodra, P; Valenzuela, PL; Rueda, J; Veiga-Herreros, P; Perez-Lopez, A; Dominguez, R

NUTRIENTS, 11 (9):10.3390/nu11092120 SEP 2019

[Retirement Difficulties in Spanish Athletes: The Importance of the Career Path-Q3](#)

Baniopedro, M; de Subijana, CL; Muniesa, C; Ramos, J; Guidotti, F; Lupo, C

SPORT EXERCISE AND PERFORMANCE PSYCHOLOGY, 8 (4):387-400; 10.1037/spy0000136  
NOV 2019

[Adherence to the Mediterranean diet in metabolically healthy and unhealthy overweight and obese European adolescents: the HELENA study-Q1](#)

Arenaza, L; Huybrechts, I; Ortega, FB; Ruiz, JR; De Henauw, S; Manios, Y; Marcos, A; Julian, C; Widhalm, K; Bueno, G; Kersting, M; Kafatos, A; Breidenassel, C; Pedrero-Chamizo, R; Gottrand, F; Gonzalez-Gross, M; Moreno, LA; Labayen, I

EUROPEAN JOURNAL OF NUTRITION, 58 (7):2615-2623; 10.1007/s00394-018-1809-8  
OCT 2019

[The Relationship Between Pistol Olympic Shooting Performance, Handgrip and Shoulder Abduction Strength – Q3](#)

Mon-Lopez, D; Zakyntinaki, MS; Cordente, CA; Garcia-Gonzalez, J

JOURNAL OF HUMAN KINETICS, 69 (1):39-46; 10.2478/hukin-2019-0009 SEP 2019

[Physical Performance Differences Between Starter and Non-Starter Players During Professional Soccer Friendly Matches – Q3](#)

Gimenez, JV; Leicht, AS; Gomez, MA

JOURNAL OF HUMAN KINETICS, 69 (1):283-291; 10.2478/hukin-2019-0018 SEP 2019

[Subir](#)

## Centro de Automática y Robótica (CAR)

### [Grasping Objects From the Floor in Assistive Robotics: Real World Implications and Lessons Learned-Q1](#)

De La Puente, P; Fischinger, D; Bajones, M; Wolf, D; Vincze, M

IEEE ACCESS, 7 123725-123735; 10.1109/ACCESS.2019.2938366 2019

### [Experimental and Computational Methodology for the Determination of Hydrodynamic Coefficients Based on Free Decay Test: Application to Conception and Control of Underwater Robots-Q1](#)

Cely, JS; Saltaren, R; Portilla, G; Yakrang, O; Rodriguez-Barroso, A

SENSORS, 19 (17):10.3390/s19173631 SEP 1 2019

### [The remote handling system of IFMIF-DONES-Q2](#)

Micciche, G; Ascott, M; Bakic, A; Bernardi, D; Brenosa, J; Coloma, S; Crofts, O; Di Gironimo, G; Ferre, M; Fischer, G; Ibarra, A; Karap, A; Kiss, IG; Kunert, C; Lorenzelli, L; Mitchell, G; Mittwollen, M; Pagani, P; Papa, S; Porempovics, G; Tadic, T; Matyas, T

FUSION ENGINEERING AND DESIGN, 146 2786-2790; SI 10.1016/j.fusengdes.2019.01.112 B SEP 2019

### [Methodology for Remote Handling Operations in IFMIF-DONES-Q2](#)

Coloma, S; Ferre, M; Cogollor, JM; Micciche, G

FUSION ENGINEERING AND DESIGN, 146 1334-1337; SI 10.1016/j.fusengdes.2019.02.070 A SEP 2019

### [Optimization of Gyroscope and Accelerometer/Magnetometer Portion of Basic Attitude and Heading Reference System](#)

Ludwig, SA; Jimenez, AR

2018 5TH IEEE INTERNATIONAL SYMPOSIUM ON INERTIAL SENSORS & SYSTEMS (INERTIAL 2018), 57-60; 2018

[Subir](#)

**Centro de Biotecnología y Genómica de Plantas (CBGP)**

[Hyb-Seq for Flowering Plant Systematics](#)

Dodsworth, S; Pokorny, L; Johnson, MG; Kim, JT; Maurin, O; Wickett, NJ; Forest, F; Baker, WJ

TRENDS IN PLANT SCIENCE, 24 (10):887-891; 10.1016/j.tplants.2019.07.011 OCT 2019

[The role of CYP71A12 monooxygenase in pathogen-triggered tryptophan metabolism and Arabidopsis immunity-Q1](#)

Pastorczyk, M; Kosaka, A; Pislewska-Bednarek, M; Lopez, G; Frerigmann, H; Kulak, K; Glawischnig, E; Molina, A; Takano, Y; Bednarek, P

NEW PHYTOLOGIST, 10.1111/nph.16118

[Factors Affecting Targeted Sequencing of 353 Nuclear Genes From Herbarium Specimens Spanning the Diversity of Angiosperms-Q1](#)

Brewer, GE; Clarkson, JJ; Maurin, O; Zuntini, AR; Barber, V; Bellot, S; Biggs, N; Cowan, RS; Davies, NMJ; Dodsworth, S; Edwards, SL; Eiserhardt, WL; Epiawalage, N; Frisby, S; Grall, A; Kersey, PJ; Pokorny, L; Leitch, IJ; Forest, F; Baker, WJ

FRONTIERS IN PLANT SCIENCE, 10 10.3389/fpls.2019.01102 SEP 18 2019

[Insights into the role of phytohormones regulating pAtNIP5;1 activity and boron transport in Arabidopsis thaliana-Q1](#)

Gomez-Soto, D; Galvan, S; Rosales, E; Bienert, P; Abreu, I; Bonilla, I; Bolanos, L; Reguera, M

PLANT SCIENCE, 287 10.1016/j.plantsci.2019.110198 OCT 2019

[The apoplastic antioxidant system and altered cell wall dynamics influence mesophyll conductance and the rate of photosynthesis-Q1](#)

Clemente-Moreno, MJ; Gago, J; Daz-Vivancos, P; Bernal, A; Miedes, E; Bresta, P; Liakopoulos, G; Fernie, AR; Hernandez, JA; Flexas, J

PLANT JOURNAL, 99 (6):1031-1046; 10.1111/tpj.14437 SEP 2019

[Light Intensity Modulates the Efficiency of Virus Seed Transmission through Modifications of Plant Tolerance](#)-Q2

Montes, N; Pagan, I

PLANTS-BASEL, 8 (9):10.3390/plants8090304 SEP 2019

[Life on the Edge: Geminiviruses at the Interface Between Crops and Wild Plant Hosts](#)-Q1

Garcia-Arenal, F; Zerbini, FM

ANNUAL REVIEW OF VIROLOGY, VOL 6, 2019, 6 411-433; 10.1146/annurev-virology-092818-015536 2019

[ICTV Virus Taxonomy Profile: Mymonaviridae](#)-Q2

Jiang, DH; Ayllon, MA; Marzano, SYL; Lefkowitz, EJ; Davison, AJ; Siddell, SG; Sabanadzovic, S; Simmonds, P; Smith, DB; Orton, RJ; Kuhn, JH

JOURNAL OF GENERAL VIROLOGY, 100 (10):1343-1344; 10.1099/jgv.0.001301 OCT 2019

[Evaluating FAIR maturity through a scalable, automated, community-governed framework](#)-Q1

Wilkinson, MD; Dumontier, M; Sansone, SA; Santos, LOBD; Prieto, M; Batista, D; McQuilton, P; Kuhn, T; Rocca-Serra, P; Crosas, M; Schultes, E

SCIENTIFIC DATA, 6 10.1038/s41597-019-0184-5 SEP 20 2019

[Plant immunity regulated by cell wall integrity: Unveiling novel carbohydrate-based molecular patterns](#) – Q1

Melida, H; Bacete, L; Rebaque, D; Lopez, G; Miedes, E; Jorda, L; Molina, A

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):226-226; S OCT 2019

[Quantitative phosphoproteomic analysis reveals common regulatory mechanisms between NLR- and PRR-triggered immunity in plants.](#) – Q1

Kadota, Y; Liebrand, TWH; Goto, Y; Sklenar, J; Derbyshire, P; Menke, FLH; Torres, MA; Molina, A; Zipfel, C; Coaker, GL; Shirasu, K

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):102-102; S OCT 2019

[Natural Variation in AGO2 determines susceptibility to Potexvirus and Potyvirus but not to Cucumovirus](#) – Q1

Adurogbangba, A; Montes-Casado, N; Brosseau, C; Garcia-Arenal, F; Moffett, P

MOLECULAR PLANT-MICROBE INTERACTIONS, 32 (10):120-120; S OCT 2019

[New set of microsatellite markers for the walnut hybrid progeny Mj209xRa and assessment of its transferability into Juglans genus](#) – Q3

Contreras, A; Licea-Moreno, RJ; Campos, V; Quintana, J; Merino, I; Gomez, L

FOREST SYSTEMS, 28 (2):10.5424/fs/2019282-14776 2019

[Subir](#)

## Centro de Domótica Integral (CEDINT)

[Deep Neural Networks for Driver Identification Using Accelerometer Signals from Smartphones](#)

Sanchez, SH; Pozo, RF; Gomez, LAH

BUSINESS INFORMATION SYSTEMS, BIS 2019, PT II, 354 206-220; 10.1007/978-3-030-20482-2\_17 2019

[Subir](#)



## Centro de Electrónica Industrial (CEI)

No hay documentos este mes.

[Subir](#)

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

[Long-term evaluation of growth and production of olive cultivars in super high-density orchard under cold-weather conditions-Q1](#)

Centeno, A; Hueso, A; Gomez-del-Campo, M

SCIENTIA HORTICULTURAE, 257 10.1016/j.scienta.2019.108657 NOV 17 2019

[Evaluation of growers' efforts to improve the sustainability of olive orchards: Development of the hydroSOSustainable index-Q1](#)

Corell, M; Martin-Palomo, MJ; Sanchez-Bravo, P; Carrillo, T; Collado, J; Hernandez-Garcia, F; Giron, I; Andreu, L; Galindo, A; Lopez-Moreno, YE; Centeno, A; Perez-Lopez, D; Carbonell-Barrachina, AA; Moriana, A

SCIENTIA HORTICULTURAE, 257 10.1016/j.scienta.2019.108661 NOV 17 2019

[Sensitivity of Agricultural Development to Water-Related Drivers: The Case of Andalusia \(Spain\)-Q2](#)

Martinez, P; Blanco, M

WATER, 11 (9):10.3390/w11091854 SEP 2019

[Effective climate change mitigation through cover cropping and integrated fertilization: A global warming potential assessment from a 10-year field experiment-Q1](#)

Guardia, G; Aguilera, E; Vallejo, A; Sanz-Cobena, A; Alonso-Ayuso, M; Quemada, M

JOURNAL OF CLEANER PRODUCTION, 241 10.1016/j.jclepro.2019.118307 DEC 20 2019

[How to measure, report and verify soil carbon change to realize the potential of soil carbon sequestration for atmospheric greenhouse gas removal-Q1](#)

Smith, P; Soussana, JF; Angers, D; Schipper, L; Chenu, C; Rasse, DP; Batjes, NH; van Egmond, F; McNeill, S; Kuhnert, M; Arias-Navarro, C; Olesen, JE; Chirinda, N; Fornara, D; Wollenberg, E; Alvaro-Fuentes, J; Sanz-Cobena, A; Klumpp, K

GLOBAL CHANGE BIOLOGY, 10.1111/gcb.14815

[Predicting N Status in Maize with Clip Sensors: Choosing Sensor, Leaf Sampling Point, and Timing-Q1](#)

Gabriel, JL; Quemada, M; Alonso-Ayuso, M; Lizaso, JI; Martin-Lammerding, D

SENSORS, 19 (18):10.3390/s19183881 SEP 2 2019

[Comparison of Methods for Modeling Fractional Cover Using Simulated Satellite Hyperspectral Imager Spectra-Q1](#)

Dennison, PE; Qi, Y; Meerdink, SK; Kokaly, RF; Thompson, DR; Daughtry, CST; Quemada, M; Roberts, DA; Gader, PD; Wetherley, EB; Numata, I; Roth, KL

REMOTE SENSING, 11 (18):10.3390/rs11182072 SEP 2019

[Bryophyte enzymatic responses to atmospheric nitrogen deposition: A field validation for potential biomonitors-Q2](#)

Diaz-Alvarez, EA; de la Barrera, E; Arciga-Pedraza, A; Arroniz-Crespo, M

BRYOLOGIST, 122 (3):396-403; 10.1639/0007-2745-122.3.396 AUG 2019

[Mitigation efforts will not fully alleviate the increase in water scarcity occurrence probability in wheat-producing areas – Q1](#)

Trnka, M; Feng, S; Semenov, MA; Olesen, JE; Kersebaum, KC; Rotter, RP; Semerádova, D; Klem, K; Huang, W; Ruiz-Ramos, M; Hlavinka, P; Meitner, J; Balek, J; Havlik, P; Buntgen, U

SCIENCE ADVANCES, 5 (9):10.1126/sciadv.aau2406 SEP 2019

[Subir](#)

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

No hay documentos este mes.

[Subir](#)

## Centro Láser

[Thermal Effects in the Ablation of Bovine Cortical Bone with Pulsed Laser Sources-Q2](#)

Canteli, D; Munoz-Garcia, C; Morales, M; Marquez, A; Lauzurica, S; Arregui, J; Lazkoz, A; Molpeceres, C

MATERIALS, 12 (18):10.3390/ma12182916 SEP 2019

[Subir](#)

Centro de Investigación de Materiales Estructurales (CIME)

[Processing of WC/W composites for extreme environments by colloidal dispersion of powders and SPS sintering-Q1](#)

Garcia-Ayala, EM; Tarancon, S; Gonzalez, Z; Ferrari, B; Pastor, JY; Sanchez-Herencia, AJ

INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, 84  
10.1016/j.ijrmhm.2019.105026 NOV 2019

[Subir](#)

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

[Characterization of electrochemical systems using potential step voltammetry. Part I: Modeling by means of equivalent circuits-Q1](#)

Ramon, JE; Martinez-Ibernon, A; Gandia-Romero, JM; Fraile, R; Bataller, R; Alcaniz, M; Garcia-Breijo, E; Soto, J

ELECTROCHIMICA ACTA, 323 10.1016/j.electacta.2019.134702 NOV 10 2019

[Numerical Representation of Directed Acyclic Graphs for Efficient Dataflow Embedded Resource Allocation – Q3](#)

Arrestier, F; Desnos, K; Juarez, E; Menard, D

ACM TRANSACTIONS ON EMBEDDED COMPUTING SYSTEMS, 18 (5):S SI  
10.1145/3358225 OCT 2019

[Subir](#)

Centro en Procesado de la Información y Telecomunicaciones (CPIT)

[Design and characterization of a 6-18 GHz GaN on SiC high-power amplifier MMIC for electronic warfare-Q4](#)

Gigorro, EO; Pascual, ED; Martinez, JJS; Heras, MLG; Fernandez, VB; Marquez, AB; Grajal, J

INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, 11 (7):625-634; SI 10.1017/S1759078719000503 SEP 2019

[A 10-Way Power Divider Based on a Transducer and a Radial Junction Operating in the Circular TM<sub>01</sub> Mode-Q1](#)

Montejo-Garai, JR; Ruiz-Cruz, JA; Rebollar, JM

IEEE ACCESS, 7 127353-127361; 10.1109/ACCESS.2019.2939291 2019

[Development of a high-performance W-band duplexer for plasma diagnosis using a single band with dual circular polarization-Q2](#)

Montejo-Garai, JR; Leal-Sevillano, CA; Ruiz-Cruz, JA; Rebollar, JM

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, 947 10.1016/j.nima.2019.162712 DEC 11 2019

[Advanced Multibeam Antenna Configurations Based on Reflectarrays: Providing multispot coverage with a smaller number of apertures for satellite communications in the K and Ka bands-Q1](#)

Martinez-de-Rioja, E; Martinez-de-Rioja, D; Encinar, JA; Pino, A; Gonzalez-Valdes, B; Rodriguez-Vaqueiro, Y; Arias, M; Toso, G

IEEE ANTENNAS AND PROPAGATION MAGAZINE, 61 (5):77-86; 10.1109/MAP.2019.2932311 OCT 2019



[A multi-threshold approach and a realistic error measure for vanishing point detection in natural landscapes-Q1](#)

Garcia-Faura, A; Fernandez-Martinez, F; Kleinlein, R; San-Segundo, R;  
Diaz-de-Maria, F

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, 85 713-726;  
10.1016/j.engappai.2019.08.001 OCT 2019

[Additive Manufacturing of a High-Performance Q-Band Circular TE<sub>01</sub> Mode Flared-Type Transducer-Q2](#)

Gonzalez-Calvo, M; Montejo-Garai, JR; Ruiz-Cruz, JA; Rebollar, JM

IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS, 29 (9):577-579;  
10.1109/LMWC.2019.2927842 SEP 2019

[An asymptotically optimal Bernoulli factory for certain functions that can be expressed as power series – Q2](#)

Mendo, L

STOCHASTIC PROCESSES AND THEIR APPLICATIONS, 129 (11):4366-4384;  
10.1016/j.spa.2018.11.017 NOV 2019

[Subir](#)

Centro de Investigación en Simulación Computacional (CSC)

[Fostering interpretability of data mining models through data perturbation](#)-Q1

Belkoura, S; Zanin, M; LaTorre, A

EXPERT SYSTEMS WITH APPLICATIONS, 137 191-201; 10.1016/j.eswa.2019.07.001 DEC 15 2019

[Electrocardiographic Fragmented Activity \(I\): Physiological Meaning of Multivariate Signal Decompositions](#)-Q2

Melgarejo-Meseguer, FM; Gimeno-Blanes, FJ; Salar-Alcaraz, ME; Gimeno-Blanes, JR; Martinez-Sanchez, J; Garcia-Alberola, A; Rojo-Alvarez, JL

APPLIED SCIENCES-BASEL, 9 (17):10.3390/app9173566 SEP 1 2019

[Electrocardiographic Fragmented Activity \(II\): A Machine Learning Approach to Detection](#)-Q2

Melgarejo-Meseguer, FM; Gimeno-Blanes, FJ; Salar-Alcaraz, ME; Gimeno-Blanes, JR; Martinez-Sanchez, J; Garcia-Alberola, A; Rojo-Alvarez, JL

APPLIED SCIENCES-BASEL, 9 (17):10.3390/app9173565 SEP 1 2019

[Decay widths at the scission point in nuclear fission](#)-Q2

Bertsch, GF; Robledo, LM

PHYSICAL REVIEW C, 100 (4):10.1103/PhysRevC.100.044606 OCT 11 2019

[Enabling Heart Self-Monitoring for All and for AAL-Portable Device within a Complete Telemedicine System](#)-

Bleda, AL; Melgarejo-Meseguer, FM; Gimeno-Blanes, FJ; Garcia-Alberola, A; Rojo-Alvarez, JL; Corral, J; Ruiz, R; Maestre-Ferriz, R

SENSORS, 19 (18):10.3390/s19183969 SEP 2 2019

**Centro de tecnología Biomédica CTB**

[Defining a historic football team: Using Network Science to analyze Guardiola's FC Barcelona](#)-Q1

Buldu, JM; Busquets, J; Echegoyen, I; Seirullo, F

SCIENTIFIC REPORTS, 9 10.1038/s41598-019-49969-2 SEP 19 2019

[The Impact of Adult ADHD in the Quality of Life Profile](#)-Q1

Quintero, J; Morales, I; Vera, R; Zuluaga, P; Fernandez, A

JOURNAL OF ATTENTION DISORDERS, 23 (9):1007-1016; SI 10.1177/1087054717733046 JUL 2019

[Magnetoencephalography applied to the study of Alzheimer's disease](#)-Q3

Lopez-Sanz, D; Bruna, R; de Frutos-Lucas, J; Maestu, F

BRAIN IMAGING, 165 25-61; 10.1016/bs.pmbts.2019.04.007 2019

[Fostering interpretability of data mining models through data perturbation](#)-Q1

Belkoura, S; Zanin, M; LaTorre, A

EXPERT SYSTEMS WITH APPLICATIONS, 137 191-201; 10.1016/j.eswa.2019.07.001 DEC 15 2019

[Big Data Analysis and Machine Learning in Intensive Care Units](#)-Q3

Reiz, ANN; de la Hoz, MAA; Garcia, MS

MEDICINA INTENSIVA, 43 (7):416-426; 10.1016/j.medin.2018.10.007 OCT 2019

[Neural Interactions in a Spatially-Distributed Cortical Network During Perceptual Decision-Making](#)-Q2

Maksimenko, VA; Frolov, NS; Hramov, AE; Runnova, AE; Grubov, VV; Kurths, J; Pisarchik, AN

FRONTIERS IN BEHAVIORAL NEUROSCIENCE, 13 10.3389/fnbeh.2019.00220 SEP 24 2019

[A Novel Data Processing Technique for Expert Resonant Nano-Pillars Transducers: A Case Study Measuring Ethanol in Water and Wine Liquid Matrices-Q1](#)

Quintero, S; Marino, R; Lanza-Gutierrez, JM; Sanza, FJ; Riesgo, T; Holgado, M

IEEE ACCESS, 7 129778-129788; 10.1109/ACCESS.2019.2939576 2019

[Production of regenerated silkworm silk fibers from aqueous dopes through straining flow spinning-Q1](#)

Madurga, R; Ga??n-Calvo, AM; Mariscal, T; Plaza, GR; Guinea, GV; Elices, M; Perez-Rigueiro, J

TEXTILE RESEARCH JOURNAL, 89 (21-22):4554-4567; 10.1177/0040517519838050 NOV 2019

[Older adults exhibit a more pronounced modulation of beta oscillations when performing sustained and dynamic handgrips-Q1](#)

Xifra-Porxas, A; Niso, G; Lariviere, S; Kassinopoulos, M; Baillet, S; Mitsis, GD; Boudrias, MH

NEUROIMAGE, 201 10.1016/j.neuroimage.2019.116037 NOV 1 2019

[Inflammatory biomarkers and brain health indicators in children with overweight and obesity: The ActiveBrains project-Q1](#)

Adelantado-Renau, M; Esteban-Cornejo, I; Rodriguez-Ayllon, M; Cadenas-Sanchez, C; Gil-Cosano, JJ; Mora-Gonzalez, J; Solis-Urra, P; Verdejo-Roman, J; Aguilera, CM; Escolano-Margarit, MV; Verdejo-Garcia, A; Catena, A; Moliner-Urdiales, D; Ortega, FB

BRAIN BEHAVIOR AND IMMUNITY, 81 588-597; 10.1016/j.bbi.2019.07.020 OCT 2019

[Differential expression of secretagogin immunostaining in the hippocampal formation and the entorhinal and perirhinal cortices of humans, rats, and mice-Q1](#)

Tapia-Gonzalez, S; Insausti, R; DeFelipe, J

JOURNAL OF COMPARATIVE NEUROLOGY, 10.1002/cne.24773

[Permutation Entropy and Irreversibility in Gait Kinematic Time Series from Patients with Mild Cognitive Decline and Early Alzheimer's Dementia-Q2](#)

Martin-Gonzalo, JA; Pulido-Valdeolivas, I; Wang, Y; Wang, T; Chiclana-Actis, G; Algarra-Lucas, MD; Palmi-Cortes, I; Travieso, JF; Torrecillas-Narvaez, MD; Miralles-Martinez, AA; Rausell, E; Gomez-Andres, D; Zanin, M

ENTROPY, 21 (9):10.3390/e21090868 SEP 2019

[Multivariate Multiscale Dispersion Entropy of Biomedical Times Series-Q2](#)

Azami, H; Fernandez, A; Escudero, J

ENTROPY, 21 (9):10.3390/e21090913 SEP 2019

[Percept-related EEG classification using machine learning approach and features of functional brain connectivity-Q1](#)

Hramov, AE; Maksimenko, V; Koronovskii, A; Runnova, AE; Zhuravlev, M; Pisarchik, AN; Kurths, J

CHAOS, 29 (9):10.1063/1.5113844 SEP 2019

[Emotional memory in bipolar disorder: Impact of multiple episodes and childhood trauma-Q1](#)

Fijtman, A; Bucker, J; Strange, BA; Martins, DS; Passos, IC; Hasse-Sousa, M; Lima, FM; Kapczinski, F; Yatham, L; Kauer-Sant'Anna, M

JOURNAL OF AFFECTIVE DISORDERS, 260 206-213; 10.1016/j.jad.2019.09.003 JAN 1 2020

[Modeling Living Cells Within Microfluidic Systems Using Cellular Automata Models – Q1](#)

Hernando, JB; Gomez, MR; Lantada, AD

SCIENTIFIC REPORTS, 9 10.1038/s41598-019-51494-1 OCT 17 2019

[Multi-scale RoIs selection for classifying multi-spectral images](#) – Q2

Seal, A; Garcia-Pedrero, A; Bhattacharjee, D; Nasipuri, M; Lillo-Saavedra, M; Menasalvas, E; Gonzalo-Martin, C

MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING, 10.1007/s11045-019-00684-1

[Diffusion Tensor Imaging Measures of Brain Connectivity for the Early Diagnosis of Alzheimer's Disease](#)

Dolado, AM; Gomez-Fernandez, C; Fuertes, MY; Bustelo, AB; Marcos-Arribas, L; Lopez-Mico, C; Moya, MJ; Fernandez-Perez, C; Carrasco, PM; Diaz, JAC; Garcia, JA; Unturbe, FM

BRAIN CONNECTIVITY, 9 (8):594-603; 10.1089/brain.2018.0635 OCT 1 2019

[Remote Monitoring of Treatment Response in Parkinson's Disease: The Habit of Typing on a Computer](#) – Q1

Matarazzo, M; Arroyo-Gallego, T; Montero, P; Puertas-Martín, V; Butterworth, I; Mendoza, CS; Ledesma-Carbayo, MJ; Catalán, MJ; Molina, JA; Bermejo-Pareja, F; Martínez-Castrillo, JC; López-Manzanares, L; Alonso-Canovas, A; Rodríguez, JH; Obeso, I; Martínez-Martin, P; Martínez-Avila, JC; de la Cámara, AG; Gray, M; Obeso, JA; Giancardo, L; Sanchez-Ferro, A

MOVEMENT DISORDERS, 34 (10):1488-1495; 10.1002/mds.27772 OCT 2019

[Subir](#)

### Instituto de Fusión Nuclear (DENIM)

[Phase transition of a second kind in nickel as observed through optical reflection under pressure-Q2](#)

Sudai, M; Nissim, N; Eliezer, S

PHYSICS LETTERS A, 383 (28):10.1016/j.physleta.2019.125866 OCT 5 2019

[Spectroscopic study of acetohydroxamic acid \(AHA\) hydrolysis in the presence of europium. Implications in the extraction system studies for lanthanide and actinide separation-Q2](#)

Sanchez-Garcia, I; Bonales, LJ; Galan, H; Perlado, JM; Cobos, J

NEW JOURNAL OF CHEMISTRY, 43 (39):15714-15722; 10.1039/c9nj03360b OCT 21 2019

[Subir](#)

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

[A wideband triple-layer microperforated panel sound absorber-Q1](#)

Cobo, P; de la Colina, C; Roibas-Millan, E; Chimeno, M; Simon, F

COMPOSITE STRUCTURES, 226 10.1016/j.compstruct.2019.111226 OCT 15 2019

[Experiments on the transverse aeroelastic instability of a single sphere in a swing configuration under a longitudinal wind-Q1](#)

Gomez-Ortega, O; Manzanares-Bercial, R; Ogueta-Gutierrez, M; Lopez-Nunez, E; Franchini, S; Roibas-Millan, E; Sanz-Andres, A

JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS, 193  
10.1016/j.jweia.2019.103979 OCT 2019

[Genetic Algorithm Approach to the 3D Node Localization in TDOA Systems-Q1](#)

Diez-Gonzalez, J; Alvarez, R; Gonzalez-Barcena, D; Sanchez-Gonzalez, L; Castejon-Limas, M; Perez, H

SENSORS, 19 (18):10.3390/s19183880 SEP 2 2019

[Subir](#)



## Instituto de Energía Solar (IES)

[Thermoradiative Cells Based on a p-type Cu<sub>3</sub>SbSe<sub>4</sub> Semiconductor: Application of a Detailed Balance Model-Q3](#)

Garcia, G; Fernandez, JJ; Palacios, P; Wahnou, P

JOURNAL OF ELECTRONIC MATERIALS, 48 (10):6777-6785; SI 10.1007/s11664-019-07485-z OCT 2019

[Subir](#)

## Instituto Universitario de Investigación del Automóvil (INSIA)

No hay documentos este mes.

[Subir](#)

**Instituto Universitario de Sistemas Optoelectrónicos y Microtecnología (ISOM)**

[Ordered arrays of defect-free GaN nanocolumns with very narrow excitonic emission line width-Q3](#)

Fernando-Saavedra, A; Albert, S; Bengoechea-Encabo, A; Lopez-Romero, D; Niehle, M; Metzner, S; Schmidt, G; Bertram, F; Sanchez-Garcia, MA; Trampert, A; Christen, J; Calleja, E

JOURNAL OF CRYSTAL GROWTH, 525 10.1016/j.jcrysgro.2019.125189 NOV 1 2019

[Subir](#)

### Centro de Investigación del Transporte (TRANSYT)

[A Heuristic Approach for Exploring Uncertainties in Transport Planning Research-Q2](#)

Navarro-Ligero, ML; Soria-Lara, JA; Valenzuela-Montes, LM

PLANNING THEORY & PRACTICE, 20 (4):537-554; 10.1080/14649357.2019.1648851 AUG  
8 2019

[Subir](#)