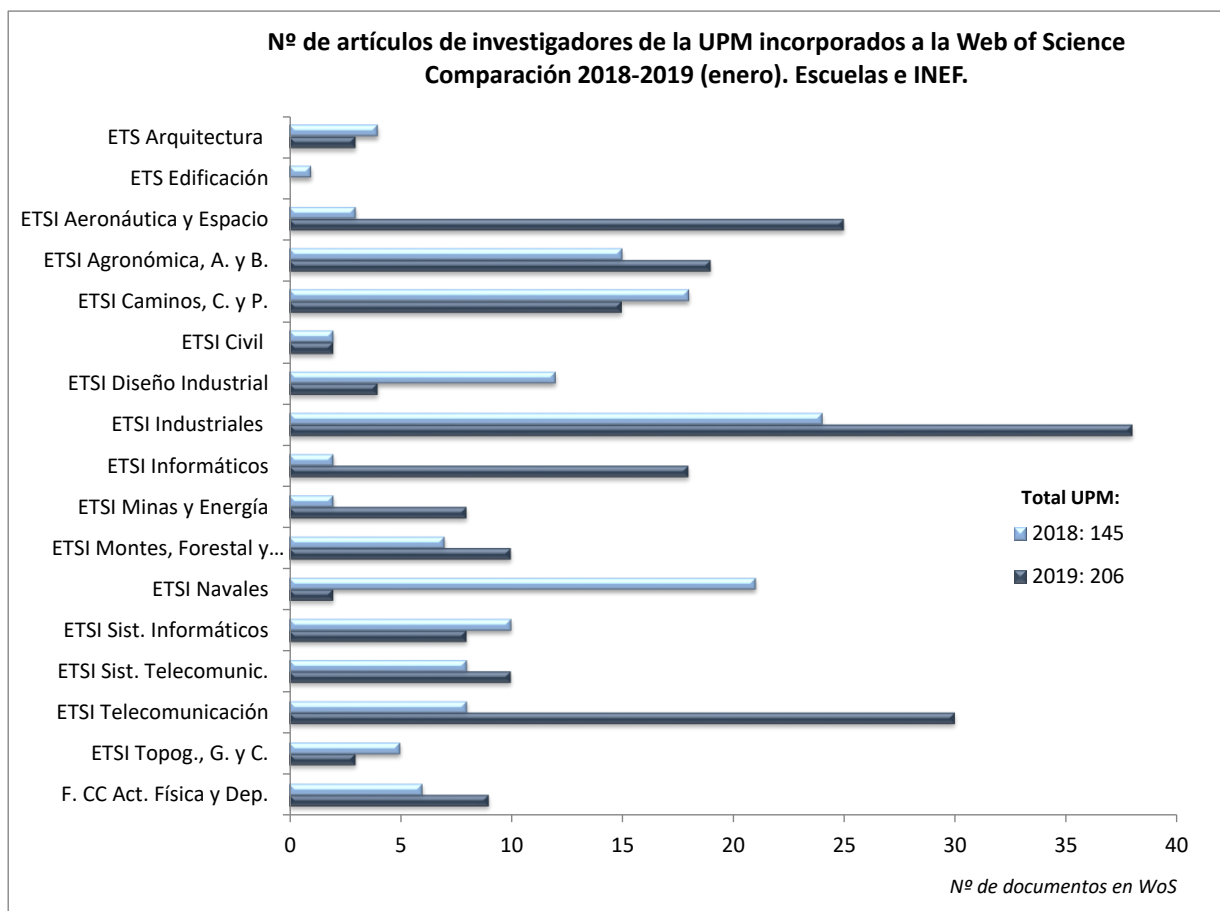


Seguimiento de la producción científica UPM en la Web of Science

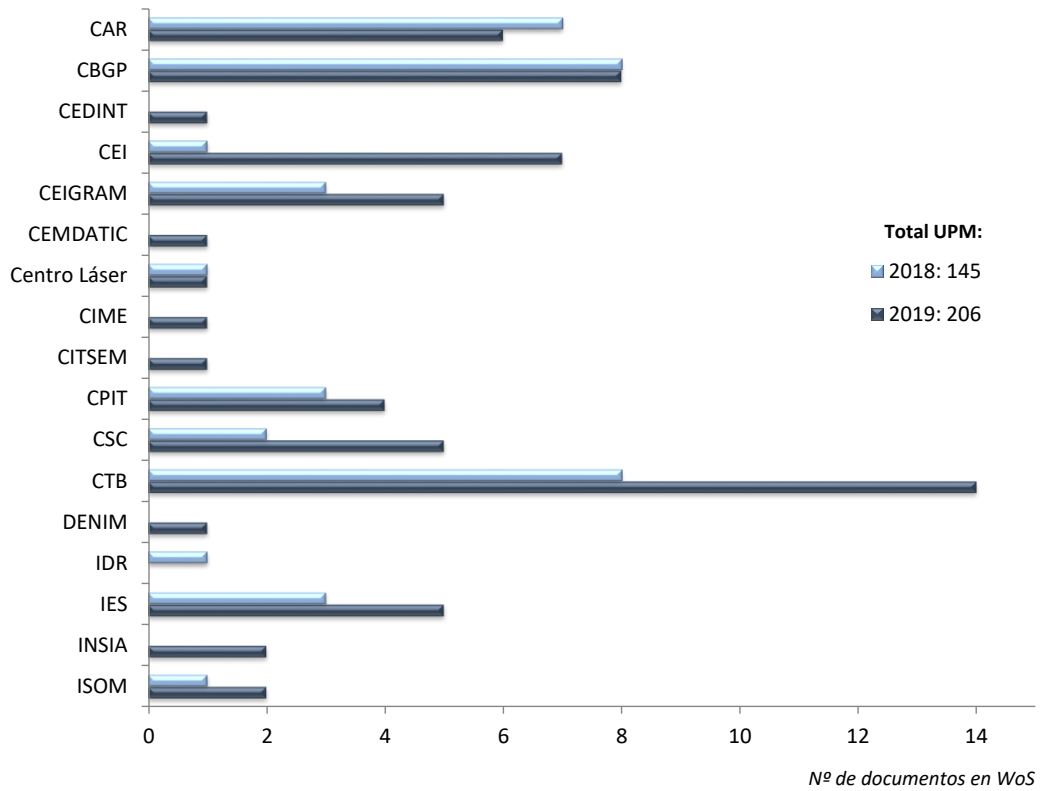
La **Web Of Science** (WOS) es una plataforma de la empresa Clarivate Analytics basada en tecnología web y formada por una amplia colección de bases de datos bibliográficas, citas y referencias de publicaciones científicas de cualquier disciplina del conocimiento –científico, tecnológico, humanístico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

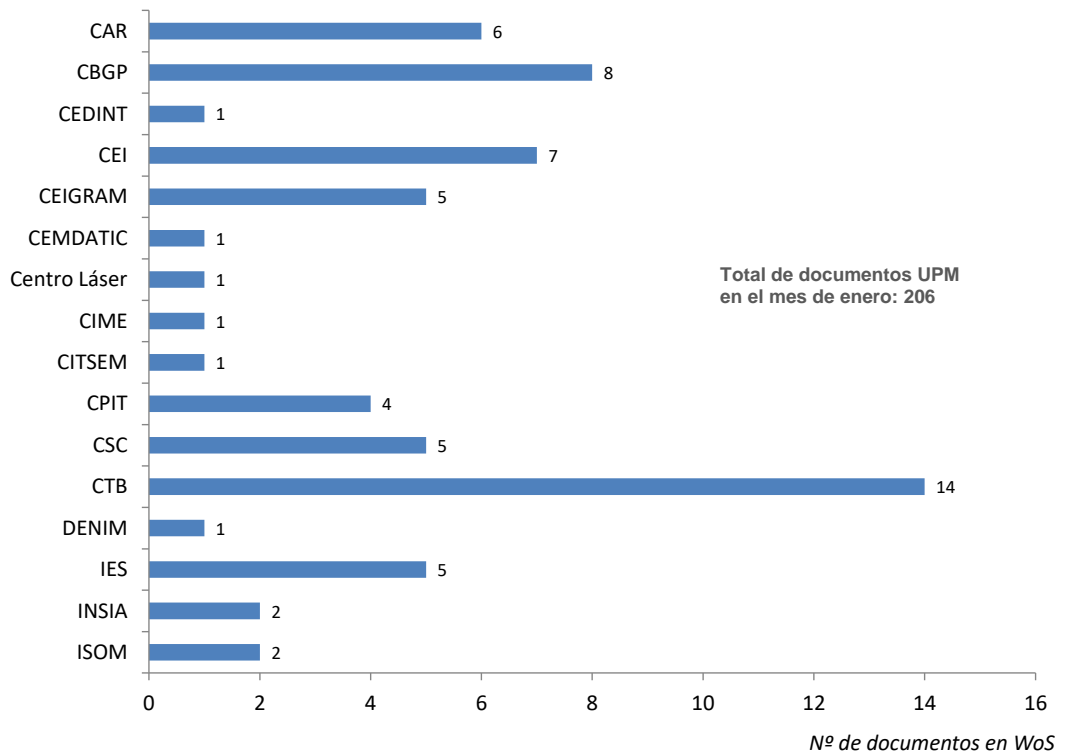
En los gráficos siguientes se presenta la comparativa 2018-2019 de los documentos de investigación de la Universidad Politécnica de Madrid (UPM) dados de alta en la Web of Science (WoS) para los centros docentes y los centros e institutos de I+D+i de la UPM acumulados hasta el mes actual. También, para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



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ETS Arquitectura

[THE IMAGE OF THE CITY](#)

Lopez-Pelaez, JM

PROYECTO PROGRESO ARQUITECTURA, (19):154-154; 10.12795/ppa.2018.i19.10 NOV 2018

[Benchmarking of useful phase change materials for a building application](#)-Q1

Navarro, L; Sole, A; Martin, M; Barreneche, C; Olivieri, L; Tenorio, JA; Cabeza, LF

ENERGY AND BUILDINGS, 182 45-50; 10.1016/j.enbuild.2018.10.005 JAN 1 2019

[Geostatistical analysis of the correction coefficient for accessibility to population centers in urbanistic valuations in Spain](#)-Q4

Gonzalez-Ruiz, RM; Martinez-Cuevas, S; Garcia-Erviti, F; Morillo-Balsera, MD

EURE-REVISTA LATINOAMERICANA DE ESTUDIOS URBANO REGIONALES, 45 (134):125-146; JAN 2019

[Subir](#)

ETSI Aeronáutica y del Espacio

[Progress in understanding the role of hot electrons for the shock ignition approach to inertial confinement fusion](#)-Q1

Batani, D; Antonelli, L; Barbato, F; Boutoux, G; Colaitis, A; Feugeas, JL; Folpini, G; Mancelli, D; Nicolai, P; Santos, J; Trela, J; Tikhonchuk, V; Badziak, J; Chodukowski, T; Jakubowska, K; Kalinowska, Z; Pisarczyk, T; Rosinski, M; Sawicka, M; Baffigi, F; Cristoforetti, G; D'Amato, F; Koester, P; Gizzi, LA; Viciani, S; Atzeni, S; Schiavi, A; Skoric, M; Gus'kov, S; Honrubia, J; Limpouch, J; Klimo, O; Skala, J; Gu, YJ; Krousky, E; Renner, O; Smid, M; Weber, S; Dudzak, R; Krus, M; Ullschmied, J

NUCLEAR FUSION, 59 (3):SI 10.1088/1741-4326/aaf0ed MAR 2019

[On the well-posedness of the multi-dimensional Roe-Liu-Vinokur linearization for residual distribution schemes](#)-Q1

Garicano-Mena, J; Degrez, G

JOURNAL OF COMPUTATIONAL PHYSICS, 378 760-769; 10.1016/j.jcp.2018.11.007 FEB 1 2019

[A p-multigrid strategy with anisotropic p-adaptation based on truncation errors for high-order discontinuous Galerkin methods](#)-Q1

Rueda-Ramirez, AM; Manzanero, J; Ferrer, E; Rubio, G; Valero, E

JOURNAL OF COMPUTATIONAL PHYSICS, 378 209-233; 10.1016/j.jcp.2018.11.009 FEB 1 2019

[A Method for the Symbolic Representation of Neurons](#)-Q1

Maraver, JJA; Mata, S; Benavides-Piccione, R; DeFelipe, J; Pastor, L

FRONTIERS IN NEUROANATOMY, 12 10.3389/fnana.2018.00106 DEC 18 2018

[Uncommon exit arrangement effects in airplane emergency evacuation](#)-Q3

Martinez-Val, R; Hedro, JM; Perez, E

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART G-JOURNAL OF AEROSPACE ENGINEERING, 232 (13):2424-2431; 10.1177/0954410017714007 OCT 2018

[Acoustic response of a lean premixed flame propagating upward in a tube](#) – Q1

Higuera, EJ

COMBUSTION AND FLAME, 199 377-386; 10.1016/j.combustflame.2018.10.037 JAN 2019

[Hourly-resolution analysis of electricity decarbonization in Spain \(2017-2030\)](#) – Q1

Victoria, M; Gallego-Castillo, C

APPLIED ENERGY, 233 674-690; 10.1016/j.apenergy.2018.10.055 JAN 1 2019

[Application of Bayesian Networks and Information Theory to Estimate the Occurrence of Mid-Air Collisions Based on Accident Precursors](#) – Q2

Valdes, RMA; Cheng, SZY; Comendador, VFG; Nieto, FJS

ENTROPY, 20 (12):10.3390/e20120969 DEC 2018

[Dynamical complexity as a proxy for the network degree distribution](#)-Q1

Tlaie, A; Leyva, I; Sevilla-Escoboza, R; Vera-Avila, VP; Sendina-Nadal, I

PHYSICAL REVIEW E, 99 (1):10.1103/PhysRevE.99.012310 JAN 7 2019

[Mono-energetic heavy ion acceleration from laser plasma based composite nano-accelerator](#)-Q3

Tayyab, M; Bagchi, S; Chakera, JA; Avasthi, DK; Ramis, R; Upadhyay, A; Ramakrishna, B; Mandal, T; Naik, PA

PHYSICS OF PLASMAS, 25 (12):10.1063/1.5053640 DEC 2018

[Sounding Rockets: analysis, simulation and optimization of a solid propellant motor using Hopsan-](#)

Navarrete-Martin, L; Krus, P

AEROSPACE EUROPE CEAS 2017 CONFERENCE, 29 255-267;
10.1016/j.trpro.2018.02.023 2018

[Flow topology of rare back flow events and critical points in turbulent channels and toroidal pipes-](#)

Chin, C; Vinuesa, R; Orlu, R; Cardesa, JI; Noorani, A; Schlatter, P; Chong, MS

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012002 2018

[Identification of flow structures in fully developed canonical and wavy channels by means of modal decomposition techniques-](#)

Ghebahli, S; Garicano-Mena, J; Ferrer, E; Valero, E

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012010 2018

[Intense structures of different momentum fluxes in turbulent channels-](#)

Osawa, K; Jimenez, J

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012003 2018

[Description and detection of burst events in turbulent flows-](#)

Schmid, PJ; Garcia-Gutierrez, A; Jimenez, J

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012015 2018

[Linear estimation of coherent structures in wall-bounded turbulence at \$Re_{\tau}=2000\$ -](#)

Oehler, S; Garcia-Gutierrez, A; Illingworth, S

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012006 2018

[Towards the computation of time-periodic inertial range dynamics-](#)

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

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012018 2018

[Reynolds stress structures in a self-similar adverse pressure gradient turbulent boundary layer at the verge of separation.-](#)

Atkinson, C; Sekimoto, A; Jimenez, J; Soria, J

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012001 2018

[Extremely high wall-shear stress events in a turbulent boundary layer-](#)

Pan, C; Kwon, Y

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012004 2018

[Causal analysis of self-sustaining processes in the logarithmic layer of wall-bounded turbulence-](#)

Bae, HJ; Encinar, MP; Lozano-Duran, A

THIRD MADRID SUMMER SCHOOL ON TURBULENCE, 1001 10.1088/1742-6596/1001/1/012013 2018

[Function-refresh algorithms for determining the stored energy density of nonlinear elastic orthotropic materials directly from experimental data-Q2](#)

Crespo, J; Montans, FJ

INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS, 107 16-33;
10.1016/j.ijnonlinmec.2018.09.011 DEC 2018

[A Novel Predictability Performance Metric and Its Forecast Using Machine Learning Techniques-](#)

Montes, RB; Rojas, AD; Comendador, VFG; Valdes, RA; Sanz, LP

2018 IEEE/AIAA 37TH DIGITAL AVIONICS SYSTEMS CONFERENCE (DASC), 730-739;
2018

[Discussion On Density-Based Clustering Methods Applied for Automated Identification of Airspace Flows-](#)

Gallego, CEV; Comendador, VFG; Nieto, FJS; Martinez, MG

2018 IEEE/AIAA 37TH DIGITAL AVIONICS SYSTEMS CONFERENCE (DASC), 584-593;
2018

[Targeting strategies for improving the efficacy of nanomedicine in oncology-Q1](#)

Villaverde, G; Baeza, A

BEILSTEIN JOURNAL OF NANOTECHNOLOGY, 10 168-181; 10.3762/bjnano.10.16 JAN
14 2019

[Pressure Bifurcation Phenomenon on Supersonic Blowing Trailing Edges-Q2](#)

Martinez-Cava, A; Wang, YZ; de Vicente, J; Valero, E

AIAA JOURNAL, 57 (1):153-164; 10.2514/1.J057056 JAN 2019

[Subir](#)

ETSI Agronómica, Alimentaria y de Biosistemas

[Evaluation of Temperature-Based Methods for the Estimation of Reference Evapotranspiration in the Yucatan Peninsula, Mexico-Q2](#)

Quej, VH; Almorox, J; Arnaldo, JA; Moratiel, R

JOURNAL OF HYDROLOGIC ENGINEERING, 24 (2):10.1061/(ASCE)HE.1943-5584.0001747
FEB 2019

[Use of Ultra-High Pressure Homogenization processing in winemaking: Control of microbial populations in grape musts and effects in sensory quality-Q1](#)

Loira, I; Morata, A; Banuelos, MA; Puig-Pujol, A; Guamis, B; Gonzalez, C; Suarez-Lepe, JA

INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES, 50 50-56;
10.1016/j.ifset.2018.10.005 DEC 2018

[Epigenetics in Forest Trees: State of the Art and Potential Implications for Breeding and Management in a Context of Climate Change-Q3](#)

Sow, MD; Allona, I; Ambroise, C; Conde, D; Fichot, R; Gribkova, S; Jorge, V; Le-Provost, G; Paques, L; Plomion, C; Salse, J; Sanchez-Rodriguez, L; Segura, V; Tost, J; Maury, S

PLANT EPIGENETICS COMING OF AGE FOR BREEDING APPLICATIONS, 88 387-453;
10.1016/bs.abr.2018.09.003 2018

[IMPROVED CROP RESIDUE COVER ESTIMATES FROM SATELITE IMAGES BY COUPLING RESIDUE AND WATER SPECTRAL INDICES](#)

Quemada, M; Hively, WD; Daughtry, CST; Lamb, BT; Shermeyer, J

IGARSS 2018 - 2018 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM, 5425-5428; 2018

[LANDSAT-8 AND WORLDVIEW-3 DATA FOR ASSESSING CROP RESIDUE COVER-](#)

Daughtry, CST; Graham, MW; Stern, AJ; Quemada, M; Hively, WD; Russ, AL

IGARSS 2018 - 2018 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM, 3844-3847; 2018

[Identification and molecular characterization of allergenic non-specific lipid-transfer protein from durum wheat \(*Triticum turgidum*\)](#) – Q1

Safi, H; Wangorsch, A; Lidholm, J; Brini, F; Spiric, J; Rihs, HP; Vieths, S; Armentia, A; Farioli, L; Diaz-Perales, A; Pastorello, EA; Scheurer, S

CLINICAL AND EXPERIMENTAL ALLERGY, 49 (1):120-129; 10.1111/cea.13271 JAN 2019

[MtMOT1.2 is responsible for molybdate supply to *Medicago truncatula* nodules](#) – Q1

Gil-Diez, P; Tejada-Jimenez, M; Leon-Mediavilla, J; Wen, JQ; Mysore, KS; Imperial, J; Gonzalez-Guerrero, M

PLANT CELL AND ENVIRONMENT, 42 (1):310-320; SI 10.1111/pce.13388 JAN 2019

[Effects of different snow load arrangements on steel silo roof structures](#) – Q3

Gallego, E; Fuentes, JM; Ramirez-Gomez, A; Ayuga, F

ADVANCES IN STRUCTURAL ENGINEERING, 21 (16):2507-2517; SI 10.1177/1369433217742526 DEC 2018

[How accurately do maize crop models simulate the interactions of atmospheric CO2 concentration levels with limited water supply on water use and yield?](#) – Q1

Durand, JL; Delusca, K; Boote, K; Lizaso, J; Manderscheid, R; Weigel, HJ; Ruane, AC; Rosenzweig, C; Jones, J; Ahuja, L; Anapalli, S; Basso, B; Baron, C; Bertuzzi, P; Biernath, C; Deryng, D; Ewert, F; Gaiser, T; Gayler, S; Heinlein, F; Kersebaum, KC; Kim, SH; Muller, C; Nendel, C; Oliosio, A; Priesack, E; Villegas, JR; Ripoche, D; Rottert, RP; Seidel, SI; Srivastava, A; Tao, FL; Timlin, D; Twine, T; Wang, EL; Webber, H; Zhao, ZG

EUROPEAN JOURNAL OF AGRONOMY, 100 67-75; SI 10.1016/j.eja.2017.01.002 OCT 2018

[Recurrent Patterns of User Behavior in Different Electoral Campaigns: A Twitter Analysis of the Spanish General Elections of 2015 and 2016](#) – Q2

Martin-Gutierrez, S; Losada, JC; Benito, RM

COMPLEXITY, 10.1155/2018/2413481 2018

[Decline in climate resilience of European wheat-Q1](#)

Kahiluoto, H; Kaseva, J; Balek, J; Olesen, JE; Ruiz-Ramos, M; Gobin, A; Kersebaum, KC; Takac, J; Ruget, F; Ferrise, R; Bezak, P; Capellades, G; Dibari, C; Makinen, H; Nendel, C; Ventrella, D; Rodriguez, A; Bindi, M; Trnka, M

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 116 (1):123-128; 10.1073/pnas.1804387115 JAN 2 2019

[On the Barriers to Adaption to Less Water under Climate Change: Policy Choices in Mediterranean Countries-Q1](#)

Iglesias, A; Santillan, D; Garrote, L

WATER RESOURCES MANAGEMENT, 32 (15):4819-4832; SI 10.1007/s11269-018-2043-0 DEC 2018

[In Situ Gluten-Chitosan Interlocked Self-Assembled Supramolecular Architecture Reduces T-Cell-Mediated Immune Response to Gluten in Celiac Disease-Q1](#)

Ribeiro, M; Picascia, S; Rhazi, L; Gianfrani, C; Carrillo, JM; Rodriguez-Quijano, M; Branlard, G; Nunes, FM

MOLECULAR NUTRITION & FOOD RESEARCH, 62 (23):10.1002/mnfr.201800646 DEC 2018

[Heavy metals immobilization capability of two iron-based nanoparticles \(nZVI and Fe3O4\): Soil and freshwater bioassays to assess ecotoxicological impact](#)

Fajardo, C; Costa, G; Nande, M; Martin, C; Martin, M; Sanchez-Fortun, S

SCIENCE OF THE TOTAL ENVIRONMENT, 656 421-432; 10.1016/j.scitotenv.2018.11.323 MAR 15 2019

[Whole rumen metagenome sequencing allows classifying and predicting feed efficiency and intake levels in cattle-Q1](#)

Delgado, B; Bach, A; Guasch, I; Gonzalez, C; Elcoso, G; Pryce, JE; Gonzalez-Recio, O

SCIENTIFIC REPORTS, 9 10.1038/s41598-018-36673-w JAN 9 2019

[Dietary resveratrol impairs body weight gain due to reduction of feed intake without affecting fatty acid composition in Atlantic salmon](#)-Q1

Menoyo, D; Kuhn, G; Ruiz-Lopez, N; Pallauf, K; Stubhaug, I; Pastor, JJ; Ipharraguerre, IR; Rimbach, G

ANIMAL, 13 (1):25-32; 10.1017/S1751731118000812 JAN 2019

[Are agricultural researchers working on the right crops to enable food and nutrition security under future climates?](#)-Q1

Manners, R; van Etten, J

GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS, 53 182-194; 10.1016/j.gloenvcha.2018.09.010 NOV 2018

[The public funding of innovation in agri-food businesses](#)-Q3

Alarcon, S; Arias, P

SPANISH JOURNAL OF AGRICULTURAL RESEARCH, 16 (4):10.5424/sjar/2018164-12657 2018

[The Diverse Iron Distribution in Eudicotyledoneae Seeds: From Arabidopsis to Quinoa](#)-Q1

Ibeas, MA; Grant-Grant, S; Coronas, MF; Vargas-Perez, JI; Navarro, N; Abreu, I; Castillo-Michel, H; Avalos-Cembrano, N; Valencia, JP; Perez, F; Gonzalez-Guerrero, M; Roschztardt, H

FRONTIERS IN PLANT SCIENCE, 9 10.3389/fpls.2018.01985 JAN 15 2019

[Subir](#)

ETSI Caminos, Canales y Puertos

[Experimental determination of the dynamic fracture-initiation toughness of high-strength metals](#)-Q1

Perez-Martin, MJ; Erice, B; Galvez, F

ENGINEERING FRACTURE MECHANICS, 205 498-510; 10.1016/j.engfracmech.2018.11.044
JAN 2019

[The role of porosity and solid matrix compressibility on the mechanical behavior of poroelastic tissues](#) – Q4

Dehghani, H; Penta, R; Merodio, J

MATERIALS RESEARCH EXPRESS, 6 (3):10.1088/2053-1591/aaf5b9 MAR 2019

[Effect of Ti and TiC alloyants on the mechanical properties of W-based armour materials](#)-Q1

Tejado, E; Martin, A; Pastor, JY

JOURNAL OF NUCLEAR MATERIALS, 514 238-246; 10.1016/j.jnucmat.2018.12.001 FEB
2019

[Comparison of two depth-averaged numerical models for debris flow runout estimation](#)-Q2

Vagnon, F; Pirulli, M; Yague, A; Pastor, M

CANADIAN GEOTECHNICAL JOURNAL, 56 (1):89-101; 10.1139/cgj-2017-0455 JAN 2019

[On the Barriers to Adaption to Less Water under Climate Change: Policy Choices in Mediterranean Countries](#)-Q1

Iglesias, A; Santillan, D; Garrote, L

WATER RESOURCES MANAGEMENT, 32 (15):4819-4832; SI 10.1007/s11269-018-2043-0
DEC 2018

[Links between different classes of storm tracks and the flood trends in Spain-Q1](#)

Santos, MS; Mediero, L; Lima, CHR; Moura, LZ

JOURNAL OF HYDROLOGY, 567 71-85; 10.1016/j.jhydrol.2018.10.003 DEC 2018

[NONLINEAR ELECTRO-ELASTIC BODIES WITH RESIDUAL STRESSES: SPECTRAL FORMULATION-Q2](#)

Shariff, MHBM; Bustamante, R; Merodio, J

QUARTERLY JOURNAL OF MECHANICS AND APPLIED MATHEMATICS, 71 (4):485-504;
10.1093/qjmam/hby015 NOV 2018

[Modelling the in-plane strain rate dependent behaviour of woven composites with special emphasis on the non-linear shear response-Q1](#)

Martinez-Hergueta, F; Ares, D; Ridruejo, A; Wiegand, J; Petrinic, N

COMPOSITE STRUCTURES, 210 840-857; 10.1016/j.compstruct.2018.12.002 FEB 15 2019

[Advances in Coal Bottom Ash Use as a New Common Portland Cement Constituent-](#)

Argiz, C; Menendez, E; Moragues, A

SERVICE LIFE AND DURABILITY OF REINFORCED CONCRETE STRUCTURES, 17 43-53;
10.1007/978-3-319-90236-4_4 2019

[Structure from Motion photogrammetry to characterize underground rock masses: Experiences from two real tunnels-Q1](#)

Garcia-Luna, R; Senent, S; Jurado-Pina, R; Jimenez, R

TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, 83 262-273;
10.1016/j.tust.2018.09.026 JAN 2019

[Modelling of Pot Bearings - A Preliminary Study-](#)

Ulker-Kaustell, M; Boschmonar, GF; Isusi, PB; Trillkott, S; Kullberg, C; Karoumi, R

EXPERIMENTAL VIBRATION ANALYSIS FOR CIVIL STRUCTURES: TESTING, SENSING, MONITORING, AND CONTROL, 5 343-353; 10.1007/978-3-319-67443-8_29 2018

[Vineyards in transition: A global assessment of the adaptation needs of grape producing regions under climate change-Q1](#)

Santillan, D; Iglesias, A; La Jeunesse, I; Garrote, L; Sotes, V

SCIENCE OF THE TOTAL ENVIRONMENT, 657 839-852; 10.1016/j.scitotenv.2018.12.079
MAR 20 2019

[Can Polyolefin Fibre Reinforced Concrete Improve the Sustainability of a Flyover Bridge?-Q2](#)

Enfedaque, A; Alberti, MG; Galvez, JC; Rivera, M; Simon-Talero, JM

SUSTAINABILITY, 10 (12):10.3390/su10124583 DEC 2018

[Is It Correct to Use the Internal Rate of Return to Evaluate the Sustainability of Investment Decisions in Public Private Partnership Projects?-Q2](#)

De Albornoz, VAC; Galera, AL; Millan, JM

SUSTAINABILITY, 10 (12):10.3390/su10124371 DEC 2018

[Use of Steel and Polyolefin Fibres in the La Canda Tunnels: Applying MIVES for Assessing Sustainability Evaluation-Q2](#)

Alberti, MG; Galvez, JC; Enfedaque, A; Carmona, A; Valverde, C; Pardo, G

SUSTAINABILITY, 10 (12):10.3390/su10124765 DEC 2018

[Subir](#)

ETSI Industriales

[Spatial aspects in urban soundscapes: Binaural parameters application in the study of soundscapes from Bogota-Colombia and Brasilia-Brazil-Q2](#)

Hermida, L; Pavon, I

APPLIED ACOUSTICS, 145 420-430; 10.1016/j.apacoust.2018.10.011 FEB 2019

[Modal identification of structures from input/output data using the expectation-maximization algorithm and uncertainty quantification by mean of the bootstrap-Q1](#)

Cara, J

STRUCTURAL CONTROL & HEALTH MONITORING, 26 (1):10.1002/stc.2272 JAN 2019

[Attitude estimation using horizon detection in thermal images-Q3](#)

Carrío, A; Bavle, H; Campoy, P

INTERNATIONAL JOURNAL OF MICRO AIR VEHICLES, 10 (4):352-361;
10.1177/1756829318804761 DEC 2018

[Truss Topology Optimization Based on a Birth/Death Element Approach-](#)

Pedroza-Villalba, M; Portilla-Flores, EA; Vega-Alvarado, E; Calva-Yanez, MB; Santiago-Valentin, E; Alcalá-Fazio, E

IEEE ACCESS, 6 72609-72619; 10.1109/ACCESS.2018.2881609 2018

[Assessment of full-scale tertiary wastewater treatment by UV-C based-AOPs: Removal or persistence of antibiotics and antibiotic resistance genes? – Q1](#)

Rodríguez-Chueca, J; della Giustina, SV; Rocha, J; Fernandes, T; Pablos, C; Encinas, A; Barcelo, D; Rodríguez-Mozaz, S; Manaia, CM; Marugan, J

SCIENCE OF THE TOTAL ENVIRONMENT, 652 1051-1061; 10.1016/j.scitotenv.2018.10.223
FEB 20 2019

[Neutron spectra from Neutron Standards Laboratory \(LPN/CIEMAT\) sources with two Bonner sphere spectrometers](#) – Q1

Mendez-Villafane, R; Lacerda, MAS; Campo, X; Lorente, A; Ibanez, S; Gallego, E; Vega-Carrillo, HR

RADIATION PHYSICS AND CHEMISTRY, 155 97-100; SI
10.1016/j.radphyschem.2018.06.015 FEB 2019

[Quantification of Carbonaceous Aerosol Emissions from Cookstoves in Senegal](#) – Q2

de la Sota, C; Viana, M; Kane, M; Youm, I; Masera, O; Lumbreras, J

AEROSOL AND AIR QUALITY RESEARCH, 19 (1):80-91; 10.4209/aaqr.2017.11.0540 JAN 2019

[Research on the Methods for the Mass Production of Multi-Scale Organs-On-Chips](#) – Q1

Lantada, AD; Pfleging, W; Besser, H; Guttman, M; Wissmann, M; Plewa, K; Smyrek, P; Piotter, V; Garcia-Ruiz, JP

POLYMERS, 10 (11):10.3390/polym10111238 NOV 2018

[Some progress on the polynomial Dunford-Pettis property](#) – Q2

Cilia, R; Gutierrez, JM

RENDICONTI LINCEI-MATEMATICA E APPLICAZIONI, 29 (4):679-687; 10.4171/RLM/828 2018

[DAGON: A 3D Maxwell-Bloch Code](#)

Oliva, E; Coteló, M; Escudero, JC; Vicens, S; Gonzalez, A; Velarde, P

X-RAY LASERS 2016, 202 25-28; 10.1007/978-3-319-73025-7_4 2018

[Resonant Nanopillars as label-free optical biosensors](#)

Hernandez, AL; Casquel, R; Holgado, M; Cornago, I; Fernandez, F; Ciaurriz, P; Sanza, FJ; Santamaria, B; Maigler, MV; Laguna, MF

OPTICAL FIBERS AND SENSORS FOR MEDICAL DIAGNOSTICS AND TREATMENT APPLICATIONS XVIII, 10488 10.1117/12.2288273 2018

[Socially Connected but Still Isolated: Smartphone Addiction Decreases Social Support Over Time-Q1](#)

Herrero, J; Uruena, A; Torres, A; Hidalgo, A

SOCIAL SCIENCE COMPUTER REVIEW, 37 (1):73-88; 10.1177/0894439317742611 FEB 2019

[Modeling and model performance evaluation of sewage sludge gasification in fluidized-bed gasifiers using Aspen Plus-Q3](#)

de Andres, JM; Vedrenne, M; Brambilla, M; Rodriguez, E

JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION, 69 (1):23-33; 10.1080/10962247.2018.1500404 JAN 2 2019

[Confined Polymers as Self-Avoiding Random Walks on Restricted Lattices-Q1](#)

Benito, J; Karayiannis, NC; Laso, M

POLYMERS, 10 (12):10.3390/polym10121394 DEC 2018

[Manufacturing of Polymeric Substrates with Copper Nanofillers through Laser Stereolithography Technique-Q1](#)

V-Nino, ED; Lantada, AD; Lonne, Q; Duran, HAE; Mejia-Ospino, E; Ramirez-Caballero, G; Endrino, JL

POLYMERS, 10 (12):10.3390/polym10121325 DEC 2018

[Predicting thermal degradation mechanisms in urea-formaldehyde cellulose composites filled with tin particles](#)-Q2

Arshad, MA; Maaroufi, AK; Benavente, R; Pinto, G

POLYMER COMPOSITES, 39 (12):4341-4354; 10.1002/pc.24516 DEC 2018

[Supply chain environmental R&D cooperation and product performance: Exploring the network dynamics of positional embeddedness](#)-Q1

De Stefano, MC; Montes-Sancho, MJ

JOURNAL OF PURCHASING AND SUPPLY MANAGEMENT, 24 (4):288-303;
10.1016/j.pursup.2018.10.003 OCT 2018

[Signal reconstruction in Multicarrier Communications by means of the Discrete Cosine Transform Type-III even-](#)

Dominguez-Jimenez, ME; Sansigre-Vidal, G; Luengo, D

2018 41ST INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), 667-670; 2018

[Sensor Fusion for Tour-Guide Robot Localization](#)-Q1

Vasquez, BPEA; Gonzalez, R; Matia, F; De la Puente, P

IEEE ACCESS, 6 78947-78964; 10.1109/ACCESS.2018.2885648 2018

[Conception and design of a cooling system for the LHC injection kicker magnets](#)-Q2

Cid, LV; Abanades, A; Barnes, MJ; Mostchmann, F; Vlachodimitropoulos, V; Weterings, W

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, 916 296-305;
10.1016/j.nima.2018.11.007 FEB 1 2019

[A numerical scheme for the thermodynamic analysis of gas turbines-Q1](#)

Colera, M; Soria, A; Ballester, J

APPLIED THERMAL ENGINEERING, 147 521-536; 10.1016/j.applthermaleng.2018.10.103
JAN 25 2019

[Artemisia pollen is the main vector for airborne endotoxin-Q1](#)

Oteros, J; Bartusel, E; Alessandrini, F; Nunez, A; Moreno, DA; Behrendt, H; Schmidt-Weber, C; Traidl-Hoffmann, C; Buters, J

JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY, 143 (1):369-+;
10.1016/j.jaci.2018.05.040 JAN 2019

[Finite Element Modelling of Litz Wire Conductors and Compound Magnetic Materials based on Magnetic Nano-particles by means of Equivalent Homogeneous Materials for Wireless Power Transfer System-](#)

Delgado, A; Salinas, G; Oliver, JA; Cobos, JA; Rodriguez, J

2018 IEEE 19TH WORKSHOP ON CONTROL AND MODELING FOR POWER ELECTRONICS (COMPEL), 2018

[Characterization in Medium Voltage Stator Coils using Dielectric Frequency Domain Spectroscopy-](#)

Marin, OS; Platero, CA; Blaquez, FR

2018 IEEE ANDESCON, 2018

[Digital Variable Frequency control of a Single-Phase Energy-buffered Inverter with Multiple Modulation Strategies-](#)

Ramos, R; Serrano, D; Oliver, J; Alou, P; Cobos, JA

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 4934-4939; 2018

[ZVS transitions in Multi-Mode Single Stage Inverter-](#)

Serrano, D; Ramos, R; Alou, P; Oliver, J; Cobos, JA

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 1293-1300; 2018

[Equivalent Parameters of Round and Litz Wire Conductors to Obtain an Equivalent Layer to Accelerate Finite Element Simulations of Wireless Power Transfer System-](#)

Delgado, A; Salinas, G; Oliver, JA; Cobos, JA; Rodriguez, J

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 7375-7379; 2018

[Fast FEA Thermal Simulation of Magnetic Components by Winding Equivalent Layers-](#)

Salinas, G; Delgado, A; Oliver, JA; Prieto, R

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 7380-7385; 2018

[Energy-Buffered Single-phase Inverter Operating in the Fundamental Limit of Indirect Power-](#)

Cobos, JA; Ramos, R; Serrano, D; Oliver, J; Alou, P

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 6356-6363; 2018

[Control of a Three-phase Boost Rectifier for Operation Under Single Failure of the AC Line For Avionic Application-](#)

Borovic, U; Zhao, S; Oliver, JA; Alou, P; Cobos, JA

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 7278-7283; 2018

[Monitoring traffic in future cities with aerial swarms: Developing and optimizing a behavior-based surveillance algorithm-Q3](#)

Garcia-Aunon, P; Roldan, JJ; Barrientos, A

COGNITIVE SYSTEMS RESEARCH, 54 273-286; 10.1016/j.cogsys.2018.10.031 MAY 2019

[Hybrid laser and vacuum process for rapid ultrahydrophobic Ti-6Al-4V surface formation-Q1](#)

Jagdheesh, R; Diaz, M; Marimuthu, S; Ocana, JL

APPLIED SURFACE SCIENCE, 471 759-766; 10.1016/j.apsusc.2018.12.047 MAR 31 2019

[Discovering the patterns of energy consumption, GDP, and CO2 emissions in China using the cluster method-Q1](#)

Gong, B; Zheng, XC; Guo, Q; Ordieres-Mere, J

ENERGY, 166 1149-1167; 10.1016/j.energy.2018.10.143 JAN 1 2019

[Persistence of Oil Prices in Gas Import Prices and the Resilience of the Oil-Indexation Mechanism. The Case of Spanish Gas Import Prices-Q2](#)

Cansado-Bravo, P; Rodriguez-Monroy, C

ENERGIES, 11 (12):10.3390/en11123486 DEC 2018

[New Differential Protection Method for Multiterminal HVDC Cable Networks-Q2](#)

Arrabe, RG; Platero, CA; Gomez, FA; Lopez, ER

ENERGIES, 11 (12):10.3390/en11123387 DEC 2018

[Assessment of Sulfate Radical-Based Advanced Oxidation Processes for Water and Wastewater Treatment: A Review-Q2](#)

Guerra-Rodriguez, S; Rodriguez, E; Singh, DN; Rodriguez-Chueca, J

WATER, 10 (12):10.3390/w10121828 DEC 2018

[A comprehensive virtual reality system for tunnel surface documentation and structural health monitoring-](#)

Attard, L; Debono, CJ; Valentino, G; di Castro, M; Osborne, JA; Scibile, L; Ferre, M

2018 IEEE INTERNATIONAL CONFERENCE ON IMAGING SYSTEMS AND TECHNIQUES (IST), 158-163; 2018

[Channel Estimation Based on the Discrete Cosine Transform Type-III Even-](#)

Dominguez-Jimenez, ME; Luengo, D; Sansigre-Vidal, G

2018 26TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO), 1297-1301; 2018

[Subir](#)

ETSI Minas y Energía

[Quantitative risk reduction by means of recovery strategies-Q1](#)

Paris, C; Queral, C; Mula, J; Gomez-Magan, J; Sanchez-Perea, M; Melendez, E; Gil, J

RELIABILITY ENGINEERING & SYSTEM SAFETY, 182 13-32; 10.1016/j.ress.2018.09.024 FEB 2019

[Influence of Particle Size and Density on the Hot Surface Ignition of Solid Fuel Layers-Q2](#)

Fernandez-Anez, N; Garcia-Torrent, J

FIRE TECHNOLOGY, 55 (1):175-191; 10.1007/s10694-018-0782-3 JAN 2019

[Enhancing the Main Characteristics of Active Methodologies: A Case with Micro Flip Teaching and Teamwork-Q4](#)

Fidalgo-Blanco, A; Sein-Echaluce, ML; Garcia-Penalvo, FJ

INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, 35 (1):397-408; SI B 2019

[Environmental correction of gamma ray logs by geometrical / empirical factors-Q1](#)

Diaz-Curiel, J; Miguel, MJ; Biosca, B; Medina, R

JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING, 173 462-468;
10.1016/j.petrol.2018.10.056 FEB 2019

[Assessment of drilling deviations in underground operations-Q1](#)

Navarro, J; Segarra, P; Sanchidrian, JA; Castedo, R; Lopez, LM

TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, 83 254-261;
10.1016/j.tust.2018.10.003 JAN 2019

[Applications of the iron silicate obtained in the copper melting industrial process-Q4](#)

Sanjuan, MA; Suarez, JA; Mora, P

AFINIDAD, 75 (584):251-259; OCT-DEC 2018

[Dual-directional shearography based on a modified common-path configuration using spatial phase shift-Q3](#)

Wang, SJ; Dong, J; Poller, F; Dong, XC; Lu, M; Bilgeri, LM; Jakobi, M; Salazar-Bloise, F; Koch, AW

APPLIED OPTICS, 58 (3):593-603; 10.1364/AO.58.000593 JAN 20 2019

[Multi-criteria Method and Its Application for Compressed Air Energy Storage in Salt Domes-](#)

Castaneda, MC; Lain, C; Pous, J; Llamas, B

ROLE OF EXERGY IN ENERGY AND THE ENVIRONMENT, 231-243; 10.1007/978-3-319-89845-2_17 2018

[Subir](#)

ETSI Montes, Forestal y del Medio Natural

[Study of the influence of the physical properties of particleboard type P2 on the internal bond of panels using artificial neural networks](#)-Q2

de Palacios, P; Femandez, FG; Garcia-Iruela, A; Gonzalez-Rodrigo, B; Esteban, LG

COMPUTERS AND ELECTRONICS IN AGRICULTURE, 155 142-149;
10.1016/j.compag.2018.10.012 DEC 2018

[Optical Simulation Based Flowline Method](#)-

Garcia-Botella, A; Jiang, L; Winston, R

NONIMAGING OPTICS: EFFICIENT DESIGN FOR ILLUMINATION AND SOLAR
CONCENTRATION XV, 10758 10.1117/12.2500931 2018

[TransFlow: a modular framework for assembling and assessing accurate de novo transcriptomes in non-model organisms](#) – Q1

Seoane, P; Espigares, M; Carmona, R; Polonio, A; Quintana, J; Cretazzo, E; Bota, J; Perez-Garcia, A; Alche, JD; Gomez, L; Claros, MG

BMC BIOINFORMATICS, 19 14 10.1186/s12859-018-2384-y NOV 20 2018

[A Regulatory Module Controlling GA-Mediated Endosperm Cell Expansion Is Critical for Seed Germination in Arabidopsis](#)-Q1

Sanchez-Montesino, R; Bouza-Morcillo, L; Marquez, J; Ghita, M; Duran-Nebreda, S; Gomez, L; Holdsworth, MJ; Bassel, G; Onate-Sanchez, L

MOLECULAR PLANT, 12 (1):71-85; 10.1016/j.molp.2018.10.009 JAN 7 2019

[Identifying potential areas of expansion for the endangered brown bear \(Ursus arctos\) population in the Cantabrian Mountains \(NW Spain\)](#)-Q1

Zarzo-Arias, A; Penteriani, V; Delgado, MD; Torre, PP; Garcia-Gonzalez, R; Mateo-Sanchez, MC; Garcia, PV; Dalerum, F

PLOS ONE, 14 (1):10.1371/journal.pone.0209972 JAN 4 2019

[Dimensionless numbers for the net present value and the perpetual value of sustainable timber harvests from a monospecific uneven-aged forest-Q3](#)

Torres, IL; Belda, CF

IFOREST-BIOGEOSCIENCES AND FORESTRY, 12 35-42; 10.3832/ifor2715-011 FEB 2019

[Structural connectivity as an indicator of species richness and landscape diversity in Castilla y Leon \(Spain\)-Q1](#)

Velazquez, J; Gutierrez, J; Garcia-Abril, A; Hernando, A; Aparicio, M;
Sanchez, B

FOREST ECOLOGY AND MANAGEMENT, 432 286-297; 10.1016/j.foreco.2018.09.035 JAN 15 2019

[Negative synergistic effects of land-use legacies and climate drive widespread oak decline in evergreen Mediterranean open woodlands-Q1](#)

Moreno-Fernandez, D; Ledo, A; Martin-Benito, D; Canellas, I; Gea-Izquierdo, G

FOREST ECOLOGY AND MANAGEMENT, 432 884-894; 10.1016/j.foreco.2018.10.023 JAN 15 2019

[Physical and Mechanical Properties of Particleboard Made from Palm Tree Prunings-Q2](#)

Ferrandez-Garcia, CE; Ferrandez-Garcia, A; Ferrandez-Villena, M; Hidalgo-Cordero, JF;
Garcia-Ortuno, T; Ferrandez-Garcia, MT

FORESTS, 9 (12):10.3390/f9120755 DEC 2018

[APPLICATION OF PAINTS TO DECREASE AIR PERMEABILITY OF ORIENTED STRAND BOARDS-Q2](#)

Hodousek, M; Bohm, M; Souckova, A; Herrero, ME; Oberhofnerova, E

MADERAS-CIENCIA Y TECNOLOGIA, 21 (1):105-112; 10.4067/S0718-221X2019005000110
JAN 2019

[Subir](#)

ETSI Navales

[Thermo-chemical storage for renewable energies based on absorption: Getting a uniform injection into the grid](#) – Q1

Rodriguez-Hidalgo, MC; Rodriguez-Aumente, PA; Lecuona-Neumann, A; Legrand, M

APPLIED THERMAL ENGINEERING, 146 338-345; 10.1016/j.applthermaleng.2018.09.096
JAN 5 2019

[Rehabilitation Robotics and Systems-](#)

Morales, R; Somolinos, JA; Fernandez-Caballero, A; Ferraresi, C

JOURNAL OF HEALTHCARE ENGINEERING, 10.1155/2018/5370127 2018

[Subir](#)

ETSI Telecomunicación

[Influence of the operational point in the photovoltaic converters performance](#)-Q2

Tablero-Crespo, C

SEMICONDUCTOR SCIENCE AND TECHNOLOGY, 34 (1):10.1088/1361-6641/aaf438 JAN 2019

[Determining geostrophic wind direction in a rainfall forecast expert system](#)-Q1

Buendia-Buendia, FS; Buendia, G; Andina, D

INTEGRATED COMPUTER-AIDED ENGINEERING, 26 (1):111-121; 10.3233/ICA-180589 2019

[Introduction](#)-Q1

Ferrandez, JM; Andina, D; Fernandez, E

INTEGRATED COMPUTER-AIDED ENGINEERING, 26 (1):1-1; 10.3233/ICA-180592 2019

[A miniaturized ultrawideband Archimedean spiral antenna for low-power sensor applications in energy harvesting](#)-Q4

Alex-Amor, A; Padilla, P; Fernandez-Gonzalez, JM; Sierra-Castaner, M

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, 61 (1):211-216; 10.1002/mop.31534 JAN 2019

[Towards an FPGA-Accelerated programmable data path for edge-to-core communications in 5G networks](#)-Q1

Ricart-Sanchez, R; Malagon, P; Salva-Garcia, P; Perez, EC; Wang, Q; Calero, JMA

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, 124 80-93;
10.1016/j.jnca.2018.09.012 DEC 15 2018

[Light source optimizing in a biphotonic vein finder device: Experimental and theoretical analysis](#)-Q2

Garcia, AM; Horche, PR

RESULTS IN PHYSICS, 11 975-983; 10.1016/j.rinp.2018.10.033 DEC 2018

[Novel encapsulant architecture on the road to photovoltaic module power output increase](#)-Q1

Lopez-Escalante, MC; Fernandez-Rodriguez, M; Caballero, LJ; Martin, F; Gabas, M; Ramos-Barrado, JR

APPLIED ENERGY, 228 1901-1910; 10.1016/j.apenergy.2018.07.073 OCT 15 2018

[Functional Connectivity of Idiopathic Generalized Epilepsy Patients vs Frontal Epilepsy Patients using Magnetoencephalography \(MEG\)](#)-Q1

Carrasco, S; Gudin, M; Burriel, L; Niso, G; Maestu, F; Vaamonde, J

NEUROLOGY, 90 15 APR 10 2018

[Smart Behavioral Analytics over a Low-Cost IoT Wi-Fi Tracking Real Deployment](#)-Q4

Andion, J; Navarro, JM; Lopez, G; Alvarez-Campana, M; Duenas, JC

WIRELESS COMMUNICATIONS & MOBILE COMPUTING, 10.1155/2018/3136471 2018

[Remanence enhancement for stray field-based applications in arrays of crystalline nanomagnets](#) – Q2

Cebolladao, F; Gomez, A; Palomares, FJ; Sanchez-Agudo, M; Gonzalez, EM; Urdirroz, U; Vicent, JL; Gonzalez, JM

JOURNAL OF PHYSICS D-APPLIED PHYSICS, 52 (9):10.1088/1361-6463/aaf614 FEB 27 2019

[Hourly-resolution analysis of electricity decarbonization in Spain \(2017-2030\)](#) – Q1

Victoria, M; Gallego-Castillo, C

APPLIED ENERGY, 233 674-690; 10.1016/j.apenergy.2018.10.055 JAN 1 2019

[Short infrared wavelength quantum cascade detectors based on m-plane ZnO/ZnMgO quantum Wells](#) – Q1

Jollivet, A; Hinkov, B; Pirotta, S; Hoang, H; Derelle, S; Jaeck, J; Tchernycheva, M; Colombelli, R; Bousseksou, A; Hugues, M; Le Biavan, N; Tamayo-Arriola, J; Bajo, MM; Rigutti, L; Hierro, A; Strasser, G; Chauveau, JM; Julien, FH

APPLIED PHYSICS LETTERS, 113 (25):10.1063/1.5058120 DEC 17 2018

[Impact on the chirp effect of the shaped electrical-driven current of the directly-modulated 1.55 \$\mu\text{m}\$ VCSEL in an optical fiber link](#)-Q2

Campos, CD; Consoli, A; Campos, JMD; Horche, PR

OPTICS COMMUNICATIONS, 435 326-333; 10.1016/j.optcom.2018.11.056 MAR 15 2019

[Drone Detection and RCS Measurements with Ubiquitous Radar-](#)

de Quevedo, AD; Urzaiz, FI; Menoyo, JG; Lopez, AA

2018 INTERNATIONAL CONFERENCE ON RADAR (RADAR), 2018

[Fast Frequency Sweep for Building-Block Connections in Microwave Filter Analysis via the Reduced-Basis Method-](#)

Galan, A; de la Rubia, V

2018 IEEE MTT-S INTERNATIONAL MICROWAVE WORKSHOP SERIES ON ADVANCED MATERIALS AND PROCESSES FOR RF AND THZ APPLICATIONS (IMWS-AMP), 2018

[A 40nm Critical Path Monitor for the Detection of Setup and Hold Time Violations-](#)

Aparicio, H; Ituero, P

2018 28TH INTERNATIONAL SYMPOSIUM ON POWER AND TIMING MODELING, OPTIMIZATION AND SIMULATION (PATMOS), 13-18; 2018

[Automated Timing Characterization of High-Performance Macroblocks for Latency Insensitive FPGA Designs-](#)

Sierra, R; Carreras, C; Caffarena, G

2018 28TH INTERNATIONAL SYMPOSIUM ON POWER AND TIMING MODELING, OPTIMIZATION AND SIMULATION (PATMOS), 7-12; 2018

[A temperature variation tolerant CMOS-only voltage reference for RFID applications-](#)

Bahramali, A; Lopez-Vallejo, M

2018 28TH INTERNATIONAL SYMPOSIUM ON POWER AND TIMING MODELING, OPTIMIZATION AND SIMULATION (PATMOS), 62-67; 2018

[Multiclass network attack classifier using CNN tuned with Genetic Algorithms-](#)

Blanco, R; Malagon, P; Cilla, JJ; Moya, JM

2018 28TH INTERNATIONAL SYMPOSIUM ON POWER AND TIMING MODELING, OPTIMIZATION AND SIMULATION (PATMOS), 177-182; 2018

[Design of a Ku-Band High-Purity Transducer for the TM₀₁ Circular Waveguide Mode by Means of T-Type Junctions-Q1](#)

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

IEEE ACCESS, 7 450-456; 10.1109/ACCESS.2018.2885489 2019

[Big data and machine learning in critical care: Opportunities for collaborative research-Q4](#)

Reiz, AN; Garcia, MS; Sagasti, FM; Gonzalez, MA; Malpica, AB; Benitez, JCM; Cabrera, MN; Ramirez, AD; Perdomo, JMG; Alonso, JP; Ceti, LA; de la Hoz, MAA; Deliberato, R; Paik, K; Pollard, T; Raffa, J; Torres, F; Mayol, J; Chafer, J; Ferrer, AG; Rey, A; Luengo, HG; Fico, G; Lombroni, I; Hernandez, L; Lopez, L; Merino, B; Cabrera, MF; Arredondo, MT; Bodi, M; Gomez, J; Rodriguez, A

MEDICINA INTENSIVA, 43 (1):52-57; 10.1016/j.medin.2018.06.002 JAN-FEB 2019

[Low-loss Loaded Line Phase Shifter for Radar Application in X band-](#)

Sun, XL; Fernandez-Gonzalez, JM; Sierra-Perez, M; Galocha-Iraguen, B

2018 15TH EUROPEAN RADAR CONFERENCE (EURAD), 477-480; 2018

[A System of Privacy Patterns for User Control-](#)

Colesky, M; Caiza, JC; Del Alamo, JM; Hoepman, JH; Martin, YS

33RD ANNUAL ACM SYMPOSIUM ON APPLIED COMPUTING, 1150-1156;
10.1145/3167132.3167257 2018

[LTE-R Based Passive Multistatic Radar for High-Speed Railway Network Surveillance-](#)

Blazquez-Garcia, R; Casamayon-Anton, J; Burgos-Garcia, M

2018 15TH EUROPEAN RADAR CONFERENCE (EURAD), 6-9; 2018

[Remotely Piloted Aircraft Detection with Persistent Radar-](#)

de Quevedo, AD; Urzaiz, FI; Menoyo, JG; Lopez, AA

2018 15TH EUROPEAN RADAR CONFERENCE (EURAD), 317-320; 2018

[A Compact Simultaneous K/S-Band Monopulse Tracking Feed for Future Earth Observation Applications-](#)

Barquinero, C; Gomez, J; Mediavilla, A; Besada, JL; Galocha, B

2018 15TH EUROPEAN RADAR CONFERENCE (EURAD), 349-352; 2018

[Modeling the Impact of Modifiers on Emotional Statements-Q4](#)

Sintsova, V; Jimenez, MB; Pu, P

COMPUTATIONAL LINGUISTICS AND INTELLIGENT TEXT PROCESSING, CICLING 2017, PT II, 10762 71-89; 10.1007/978-3-319-77116-8_6 2018

[Development and Test of Solutions to Enlarge the Power of PV Irrigation and Application to a 140 kW PV-Diesel Representative Case-Q2](#)

Almeida, RH; Carrelo, IB; Lorenzo, E; Narvarte, L; Fernandez-Ramos, J; Martinez-Moreno, F; Carrasco, LM

ENERGIES, 11 (12):10.3390/en11123538 DEC 2018

[EMPHYSEMA CLASSIFICATION USING A MULTI-VIEW CONVOLUTIONAL NETWORK-](#)

Bermejo-Pelaez, D; Estepar, RS; Ledesma-Carbayo, MJ

2018 IEEE 15TH INTERNATIONAL SYMPOSIUM ON BIOMEDICAL IMAGING (ISBI 2018), 519-522; 2018

[TUMOR LOCALIZATION USING PRONE TO SUPINE SURFACE BASED REGISTRATION FOR BREAST CANCER SURGICAL PLANNING-](#)

Alfano, F; Garcia, FP; Fisac, JEO; Conde, MH; Zamora, OB; Calvo, FA; Lizarraga, S; Santos, A; Pascau, J; Carbayo, MJL

2018 IEEE 15TH INTERNATIONAL SYMPOSIUM ON BIOMEDICAL IMAGING (ISBI 2018), 788-791; 2018

[Subir](#)

ETSI Topografía, Geodesia y Cartografía

[Study of the correction factors for aircraft noise facade measurements](#)-Q2

Flores, R; Asensio, C; Gagliardi, P; Licitra, G

APPLIED ACOUSTICS, 145 399-407; 10.1016/j.apacoust.2018.10.007 FEB 2019

[Road safety evaluation through automatic extraction of road horizontal alignments from Mobile LiDAR System and inductive reasoning based on a decision tree](#)-Q1

Martin-Jimenez, JA; Zazo, S; Justel, JJA; Rodriguez-Gonzalvez, P; Gonzalez-Aguilera, D

ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING, 146 334-346;
10.1016/j.isprsjprs.2018.10.004 DEC 2018

[Geostatistical analysis of the correction coefficient for accessibility to population centers in urbanistic valuations in Spain](#)-Q4

Gonzalez-Ruiz, RM; Martinez-Cuevas, S; Garcia-Erviti, F; Morillo-Balsera, MD

EURE-REVISTA LATINOAMERICANA DE ESTUDIOS URBANO REGIONALES, 45 (134):125-146; JAN 2019

[Subir](#)

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

[Concurrent validity and reliability of an iPhone app for the measurement of ankle dorsiflexion and inter-limb asymmetries-Q1](#)

Balsalobre-Fernandez, C; Romero-Franco, N; Jimenez-Reyes, P

JOURNAL OF SPORTS SCIENCES, 37 (3):249-253; 10.1080/02640414.2018.1494908 FEB 1 2019

[Inhospital Exercise Training in Children With Cancer: Does It Work for All?-Q2](#)

Morales, JS; Padilla, JR; Valenzuela, PL; Santana-Sosa, E; Rincon-Castanedo, C; Santos-Lozano, A; Herrera-Olivares, AM; Madero, L; San Juan, AF; Fiuza-Luces, C; Lucia, A

FRONTIERS IN PEDIATRICS, 6 10.3389/fped.2018.00404 DEC 19 2018

[Insights into life after sport for Spanish Olympians: Gender and career path perspectives-Q1](#)

Barriopedro, M; de Subijana, CL; Muniesa, C

PLOS ONE, 13 (12):10.1371/journal.pone.0209433 DEC 17 2018

[Exploring the health advantages and disadvantages of static and dynamic postures of Qigong and its use as a Traditional and Complementary Medicine-Q4](#)

Jimenez-Martin, PJ; Liu, HQ

EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE, 24 61-64; 10.1016/j.eujim.2018.11.001 DEC 2018

[Technical demands of different playing positions in the UEFA Champions League-Q4](#)

Yi, Q; Jia, H; Liu, HY; Gomez, MA

INTERNATIONAL JOURNAL OF PERFORMANCE ANALYSIS IN SPORT, 18 (6):926-937; 10.1080/24748668.2018.1528524 NOV 2 2018

[Analysis of playing styles according to team quality and match location in Greek professional soccer-Q4](#)

Gomez, MA; Mitrotasios, M; Armatas, V; Lago-Penas, C

INTERNATIONAL JOURNAL OF PERFORMANCE ANALYSIS IN SPORT, 18 (6):986-997;
10.1080/24748668.2018.1539382 NOV 2 2018

[Relationship of physical activity level and body composition on postural control in male adults-Q4](#)

Delfa-de-La-Morena, JM; Rojo-Tirado, MA; de Castro, EA; Arias, AG; Miangolarra-Page, JC; Peinado, PJB

NUTRICION HOSPITALARIA, 35 (6):1416-1423; 10.20960/nh.1821 NOV-DEC 2018

[Palm oil and cardiovascular health: considerations to evaluate the literature critically-Q4](#)

Gesteiro, E; Galera-Gordo, J; Gonzalez-Gross, M

NUTRICION HOSPITALARIA, 35 (5):1229-1242; 10.20960/nh.1970 SEP-OCT 2018

[Lifestyle patterns and endocrine, metabolic, and immunological biomarkers in European adolescents: The HELENA study-Q1](#)

Agostinis-Sobrinho, C; Gomez-Martinez, S; Nova, E; Hernandez, A; Labayen, I; Kafatos, A; Gottand, F; Molnar, D; Ferrari, M; Moreno, LA; Gonzalez-Gross, M; Michels, N; Ruperez, A; Ruiz, JR; Marcos, A

PEDIATRIC DIABETES, 20 (1):23-31; 10.1111/pedi.12802 FEB 2019

[Subir](#)

ETSI Informáticos

[Towards a supervised classification of neocortical interneuron morphologies](#)-Q1

Mihaljevic, B; Larranaga, P; Benavides-Piccione, R; Hill, S; DeFelipe, J; Bielza, C

BMC BIOINFORMATICS, 19 10.1186/s12859-018-2470-1 DEC 17 2018

[Quantitative Analysis of Relationship Between Hypokinetic Dysarthria and the Freezing of Gait in Parkinson's Disease](#)-Q1

Mekyska, J; Galaz, Z; Kiska, T; Zvoncak, V; Mucha, J; Smekal, Z; Eliasova, I; Kostalova, M; Mrackova, M; Fiedorova, D; Faundez-Zanuy, M; Sole-Casals, J; Gomez-Vilda, P; Rektorova, I

COGNITIVE COMPUTATION, 10 (6):1006-1018; 10.1007/s12559-018-9575-8 DEC 2018

[EVALUATION OF HYPERSPECTRAL CLASSIFICATION MAPS IN HETEROGENEOUS ECOSYSTEM](#)-

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

IGARSS 2018 - 2018 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM, 5764-5767; 2018

[EXTENDED LINEAR MIXING MODEL IN AN ECOSYSTEM WITH HIGH SPECTRAL VARIABILITY](#)-

Ibarrola-Ulzurrun, E; Drumetz, L; Chanussot, J; Gonzalo-Martin, C; Marcello, J

IGARSS 2018 - 2018 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM, 2685-2688; 2018

[Predicting completion time in high-stakes exams](#) – Q1

Carneiro, D; Novais, P; Duraes, D; Pego, JM; Sousa, N

FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE, 92 549-559; 10.1016/j.future.2018.01.061 MAR 2019

[From the Difference of Structures to the Structure of the Difference](#) – Q2

Zanin, M; Menasalvas, E; Sun, XQ; Wandelt, S

COMPLEXITY, 10.1155/2018/4326097 2018

[ICD-10-PCS extension with ICD-9 procedure codes to support integrated access to clinical legacy data](#)-Q1

Hernandez-Ibarburu, G; Perez-Rey, D; Alonso-Oset, E; Alonso-Calvo, R; Voets, D; Mueller, C; Claerhout, B; Custodix, NV

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, 122 70-79;
10.1016/j.ijmedinf.2018.11.002 FEB 2019

[Next Stop "NoOps": Enabling Cross-System Diagnostics Through Graph-based Composition of Logs and Metrics-](#)

Zasadzinski, M; Sole, M; Brandon, A; Muntés-Mulero, V; Carrera, D

2018 IEEE INTERNATIONAL CONFERENCE ON CLUSTER COMPUTING (CLUSTER), 212-222;
10.1109/CLUSTER.2018.00039 2018

[Statistical Errors in Software Engineering Experiments: A Preliminary Literature Review-](#)

Reyes, RP; Dieste, O; Fonseca, ER; Juristo, N

PROCEEDINGS 2018 IEEE/ACM 40TH INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING (ICSE), 1195-1206; 10.1145/3180155.3180161 2018

[Monitoring Progress of Parkinson's Disease Based on Changes in Phonation: a Pilot Study-](#)

Galaz, Z; Mekyska, J; Kiska, T; Zvoncak, V; Mucha, J; Harar, P; Smekal, Z; Eliasova, I; Mrackova, M; Kostalova, M; Rektorova, I; Faundez-Zanuy, M; Alonso-Hernandez, JB; Gomez-Vilda, P

2018 41ST INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), 218-221; 2018

[Predicting Incorrect Mappings: A Data-Driven Approach Applied to DBpedia-](#)

Rico, M; Mihindukulasooriya, N; Kontokostas, D; Paulheim, H; Hellmann, S; Gomez-Perez, A

33RD ANNUAL ACM SYMPOSIUM ON APPLIED COMPUTING, 323-330;
10.1145/3167132.3167164 2018

[RDF Shape Induction using Knowledge Base Profiling-](#)

Mihindukulasooriya, N; Rashid, MRA; Rizzo, G; Garcia-Castro, R; Corcho, O; Torchiano, M

33RD ANNUAL ACM SYMPOSIUM ON APPLIED COMPUTING, 1952-1959;
10.1145/3167132.3167341 2018

[Static Performance Guarantees for Programs with Run-time Checks-](#)

Klemen, M; Stulova, N; Lopez-Garcia, P; Morales, J; Hermenegildo, MV

PPDP'18: PROCEEDINGS OF THE 20TH INTERNATIONAL SYMPOSIUM ON PRINCIPLES AND PRACTICE OF DECLARATIVE PROGRAMMING, 10.1145/3236950.3236970 2018

[Safe Privatization in Transactional Memory-](#)

Khyzha, A; Attiya, H; Gotsman, A; Rinetzky, N

PPOPP'18: PROCEEDINGS OF THE 23RD PRINCIPLES AND PRACTICE OF PARALLEL PROGRAMMING, 233-245; 10.1145/3178487.3178505 2018

[Costly freeware: a systematic analysis of abuse in download portals-Q3](#)

Rivera, R; Kotzias, P; Sudhodanan, A; Caballero, J

IET INFORMATION SECURITY, 13 (1):27-35; 10.1049/iet-ifs.2017.0585 JAN 2019

[Changes in Phonation and Their Relations with Progress of Parkinson's Disease-Q3](#)

Galaz, Z; Mekyska, J; Zvoncak, V; Mucha, J; Kiska, T; Smekal, Z; Eliasova, I; Mrackova, M; Kostalova, M; Rektorova, I; Faundez-Zanuy, M; Alonso-Hernandez, JB; Gomez-Vilda, P

APPLIED SCIENCES-BASEL, 8 (12):10.3390/app8122339 DEC 2018

[Architectural challenges on the analysis of human behaviour in synthetic environments-](#)

Jeronimo, J; de Antonio, A; Moral, C

ECSA 2018: PROCEEDINGS OF THE 12TH EUROPEAN CONFERENCE ON SOFTWARE ARCHITECTURE: COMPANION PROCEEDINGS, 10.1145/3241403.3241441 2018

[A Secured and Trusted Demand Response system based on Blockchain technologies-](#)

Tsolakis, AC; Moschos, I; Votis, K; Ioannidis, D; Dimitrios, T; Kotsakis, E; Pandey, P; Katsikas, S; Garcia-Castro, R

2018 INNOVATIONS IN INTELLIGENT SYSTEMS AND APPLICATIONS (INISTA), 2018

[Subir](#)

ETS Edificación

No hay documentos este mes.

[Subir](#)

ETSI Sistemas Informáticos

[Towards a supervised classification of neocortical interneuron morphologies-Q1](#)

Mihaljevic, B; Larranaga, P; Benavides-Piccione, R; Hill, S; DeFelipe, J; Bielza, C

BMC BIOINFORMATICS, 19 10.1186/s12859-018-2470-1 DEC 17 2018

[A Comparative Analysis of Similarity Metrics on Sparse Data for Clustering in Recommender Systems-](#)

Bojorque, R; Hurtado, R; Inga, A

ADVANCES IN ARTIFICIAL INTELLIGENCE, SOFTWARE AND SYSTEMS ENGINEERING, 787 291-299; 10.1007/978-3-319-94229-2_28 2019

[Clustering-Based Recommender System: Bundle Recommendation Using Matrix Factorization to Single User and User Communities-](#)

Ortiz, RH; Chasi, RB; Chalco, CI

ADVANCES IN ARTIFICIAL INTELLIGENCE, SOFTWARE AND SYSTEMS ENGINEERING, 787 330-338; 10.1007/978-3-319-94229-2_32 2019

[Hierarchical Clustering for Collaborative Filtering Recommender Systems-](#)

Chalco, CI; Chasi, RB; Ortiz, RH

ADVANCES IN ARTIFICIAL INTELLIGENCE, SOFTWARE AND SYSTEMS ENGINEERING, 787 346-356; 10.1007/978-3-319-94229-2_34 2019

[Connection of the SUMO Microscopic Traffic Simulator and the Unity 3D Game Engine to Evaluate V2X Communication-Based Systems-Q2](#)

Olaverri-Monreal, C; Errea-Moreno, J; Diaz-Alvarez, A; Biurrun-Quel, C; Serrano-Arriezu, L; Kuba, M

SENSORS, 18 (12):10.3390/s18124399 DEC 2018

[Natural Computing Applied to the Underground System: A Synergistic Approach for Smart Cities-Q2](#)

Lucas, CM; Lopez, LFD; Blas, NG

SENSORS, 18 (12):10.3390/s18124094 DEC 2018

[Towards a \(semi\)-automatic reference process to support the reverse engineering and reconstruction of software architectures-](#)

Guaman, D; Perez, J; Diaz, J

ECSA 2018: PROCEEDINGS OF THE 12TH EUROPEAN CONFERENCE ON SOFTWARE ARCHITECTURE: COMPANION PROCEEDINGS, 10.1145/3241403.3241414 2018

[Gender in software engineering degrees-](#)

Aller, CF; Navarro, SR

ECSA 2018: PROCEEDINGS OF THE 12TH EUROPEAN CONFERENCE ON SOFTWARE ARCHITECTURE: COMPANION PROCEEDINGS, 10.1145/3241403.3241420 2018

[Subir](#)

ETSI Diseño Industrial

[Thermo-chemical storage for renewable energies based on absorption: Getting a uniform injection into the grid](#) – Q1

Rodriguez-Hidalgo, MC; Rodriguez-Aumente, PA; Lecuona-Neumann, A; Legrand, M

APPLIED THERMAL ENGINEERING, 146 338-345; 10.1016/j.applthermaleng.2018.09.096
JAN 5 2019

[Methodological proposal to classify and delineate natural protected areas. Study case: Region of Extremadura, Spain](#) – Q1

Jaraiz-Cabanillas, FJ; Mora-Aliseda, J; Jeong, JS; Garrido-Velarde, J

LAND USE POLICY, 79 310-319; 10.1016/j.landusepol.2018.08.034 DEC 2018

[Multidimensional membership functions in T-S fuzzy models for modelling and identification of nonlinear multivariable systems using genetic algorithms](#)-Q1

Adanez, JM; Al-Hadithi, BM; Jimenez, A

APPLIED SOFT COMPUTING, 75 607-615; 10.1016/j.asoc.2018.11.034 FEB 2019

[New Differential Protection Method for Multiterminal HVDC Cable Networks](#)-Q2

Arrabe, RG; Platero, CA; Gomez, FA; Lopez, ER

ENERGIES, 11 (12):10.3390/en11123387 DEC 2018

[Subir](#)

ETSI Civil

[Study of the influence of the physical properties of particleboard type P2 on the internal bond of panels using artificial neural networks-Q2](#)

de Palacios, P; Femandez, FG; Garcia-Iruela, A; Gonzalez-Rodrigo, B; Esteban, LG

COMPUTERS AND ELECTRONICS IN AGRICULTURE, 155 142-149;
10.1016/j.compag.2018.10.012 DEC 2018

[Geostatistical analysis of the correction coefficient for accessibility to population centers in urbanistic valuations in Spain-Q4](#)

Gonzalez-Ruiz, RM; Martinez-Cuevas, S; Garcia-Erviti, F; Morillo-Balsera, MD

EURE-REVISTA LATINOAMERICANA DE ESTUDIOS URBANO REGIONALES, 45 (134):125-146; JAN 2019

[Subir](#)

ETSI Sistemas Telecomunicación

[Challenges in the design of concentrator photovoltaic \(CPV\) modules to achieve highest efficiencies-Q1](#)

Wiesenfarth, M; Anton, I; Bett, AW

APPLIED PHYSICS REVIEWS, 5 (4):10.1063/1.5046752 DEC 2018

[Signal reconstruction in Multicarrier Communications by means of the Discrete Cosine Transform Type-III even-](#)

Dominguez-Jimenez, ME; Sansigre-Vidal, G; Luengo, D

2018 41ST INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), 667-670; 2018

[Sparse ECG Representation with a Multi-Scale Dictionary Derived from Real-World Signals-](#)

Luengo, D; Meltzer, D; Trigano, T

2018 41ST INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), 594-597; 2018

[Cross-Layer Balanced Relay Node Selection Algorithm for Opportunistic Routing in Underwater Ad-Hoc Networks-](#)

Li, N; Ortega, JFM; Diaz, VH; Santidrian, LL

PROCEEDINGS 2018 IEEE 32ND INTERNATIONAL CONFERENCE ON ADVANCED INFORMATION NETWORKING AND APPLICATIONS (AINA), 556-563;
10.1109/AINA.2018.00087 2018

[Evaluation of Channels Blacklists in TSCH Networks with Star and Tree Topologies-](#)

Queiroz, DV; Gomes, RD; Benavente-Peces, C; Fonseca, IE; Alencar, MS

Q2SWINET'18: PROCEEDINGS OF THE 14TH ACM INTERNATIONAL SYMPOSIUM ON QOS AND SECURITY FOR WIRELESS AND MOBILE NETWORKS, 116-123;
10.1145/3267129.3267131 2018

[Hierarchical Algorithms for Causality Retrieval in Atrial Fibrillation Intracavitary Electrograms-Q1](#)

Luengo, D; Rios-Munoz, G; Elvira, V; Sanchez, C; Artes-Rodriguez, A

IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS, 23 (1):143-155;
10.1109/JBHI.2018.2805773 JAN 2019

[Development and Test of Solutions to Enlarge the Power of PV Irrigation and Application to a 140 kW PV-Diesel Representative Case-Q2](#)

Almeida, RH; Carrelo, IB; Lorenzo, E; Narvarte, L; Fernandez-Ramos, J; Martinez-Moreno, F; Carrasco, LM

ENERGIES, 11 (12):10.3390/en11123538 DEC 2018

[An Efficient Method to Learn Overcomplete Multi-Scale Dictionaries of ECG Signals-Q3](#)

Luengo, D; Meltzer, D; Trigano, T

APPLIED SCIENCES-BASEL, 8 (12):10.3390/app8122569 DEC 2018

[Ripple Effect to Evaluate the Impact of Changes in Architectural Design Decisions-](#)

Carrillo, C; Capilla, R

ECSA 2018: PROCEEDINGS OF THE 12TH EUROPEAN CONFERENCE ON SOFTWARE ARCHITECTURE: COMPANION PROCEEDINGS, 10.1145/3241403.3241446 2018

[Channel Estimation Based on the Discrete Cosine Transform Type-III Even-](#)

Dominguez-Jimenez, ME; Luengo, D; Sansigre-Vidal, G

2018 26TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO), 1297-1301; 2018

[Subir](#)

Centro de Automática y Robótica (CAR)

[Attitude estimation using horizon detection in thermal images-Q3](#)

Carrío, A; Bavle, H; Campoy, P

INTERNATIONAL JOURNAL OF MICRO AIR VEHICLES, 10 (4):352-361;
10.1177/1756829318804761 DEC 2018

[Comparison of Attitude and Heading Reference Systems using Foot Mounted MIMU Sensor Data: Basic, Madgwick and Mahony](#)

Ludwig, SA; Burnham, KD; Jimenez, AR; Touma, PA

SENSORS AND SMART STRUCTURES TECHNOLOGIES FOR CIVIL, MECHANICAL, AND
AEROSPACE SYSTEMS 2018, 10598 10.1117/12.2296568 2018

[Multidimensional membership functions in T-S fuzzy models for modelling and identification of nonlinear multivariable systems using genetic algorithms-Q1](#)

Adanez, JM; Al-Hadithi, BM; Jimenez, A

APPLIED SOFT COMPUTING, 75 607-615; 10.1016/j.asoc.2018.11.034 FEB 2019

[Sensor Fusion for Tour-Guide Robot Localization-Q1](#)

Vasquez, BPEA; Gonzalez, R; Matia, F; De la Puente, P

IEEE ACCESS, 6 78947-78964; 10.1109/ACCESS.2018.2885648 2018

[Monitoring traffic in future cities with aerial swarms: Developing and optimizing a behavior-based surveillance algorithm-Q3](#)

Garcia-Aunon, P; Roldan, JJ; Barrientos, A

COGNITIVE SYSTEMS RESEARCH, 54 273-286; 10.1016/j.cogsys.2018.10.031 MAY 2019

[A comprehensive virtual reality system for tunnel surface documentation and structural health monitoring-](#)

Attard, L; Debono, CJ; Valentino, G; di Castro, M; Osborne, JA; Scibile, L; Ferre, M

2018 IEEE INTERNATIONAL CONFERENCE ON IMAGING SYSTEMS AND TECHNIQUES (IST),
158-163; 2018

[Subir](#)

Centro de Biotecnología y Genómica de Plantas (CBGP)

[Epigenetics in Forest Trees: State of the Art and Potential Implications for Breeding and Management in a Context of Climate Change](#)-Q3

Sow, MD; Allona, I; Ambroise, C; Conde, D; Fichot, R; Gribkova, S; Jorge, V; Le-Provost, G; Paques, L; Plomion, C; Salse, J; Sanchez-Rodriguez, L; Segura, V; Tost, J; Maury, S

PLANT EPIGENETICS COMING OF AGE FOR BREEDING APPLICATIONS, 88 387-453;
10.1016/bs.abr.2018.09.003 2018

[The Role of Plant Transporters in Mycorrhizal Symbioses](#)-Q3

Guerrero-Galan, C; Houdinet, G; Calvo-Polanco, M; Bonaldi, KE; Garcia, K; Zimmermann, SD

MEMBRANE TRANSPORT IN PLANTS, 87 303-342; 10.1016/bs.abr.2018.09.012 2018

[Identification and molecular characterization of allergenic non-specific lipid-transfer protein from durum wheat \(*Triticum turgidum*\)](#) – Q1

Safi, H; Wangorsch, A; Lidholm, J; Brini, F; Spiric, J; Rihs, HP; Vieths, S; Armentia, A; Farioli, L; Diaz-Perales, A; Pastorello, EA; Scheurer, S

CLINICAL AND EXPERIMENTAL ALLERGY, 49 (1):120-129; 10.1111/cea.13271 JAN 2019

[MtMOT1.2 is responsible for molybdate supply to *Medicago truncatula* nodules](#) – Q1

Gil-Diez, P; Tejada-Jimenez, M; Leon-Mediavilla, J; Wen, JQ; Mysore, KS; Imperial, J; Gonzalez-Guerrero, M

PLANT CELL AND ENVIRONMENT, 42 (1):310-320; SI 10.1111/pce.13388 JAN 2019

[TransFlow: a modular framework for assembling and assessing accurate de novo transcriptomes in non-model organisms](#) – Q1

Seoane, P; Espigares, M; Carmona, R; Polonio, A; Quintana, J; Cretazzo, E; Bota, J; Perez-Garcia, A; Alche, JD; Gomez, L; Claros, MG

BMC BIOINFORMATICS, 19 14 10.1186/s12859-018-2384-y NOV 20 2018

[A Regulatory Module Controlling GA-Mediated Endosperm Cell Expansion Is Critical for Seed Germination in Arabidopsis](#)-Q1

Sanchez-Montesino, R; Bouza-Morcillo, L; Marquez, J; Ghita, M; Duran-Nebreda, S; Gomez, L; Holdsworth, MJ; Bassel, G; Onate-Sanchez, L

MOLECULAR PLANT, 12 (1):71-85; 10.1016/j.molp.2018.10.009 JAN 7 2019

[MOLECULAR CHARACTERIZATION OF BERRY COLOR LOCUS ON THE PORTUGUESE CV. 'FERNAO PIRES' AND CV. 'VERDELHO' AND THEIR RED-BERRIED SOMATIC VARIANT CULTIVARS](#)-Q2

Ferreira, V; Castro, I; Carrasco, D; Pinto-Carnide, O; Arroyo-Garcia, R

CIENCIA E TECNICA VITIVINICOLA, 33 (2):184-190; 10.1051/ctv/20183302184 2018

[The Diverse Iron Distribution in Eudicotyledoneae Seeds: From Arabidopsis to Quinoa](#)-Q1

Ibeas, MA; Grant-Grant, S; Coronas, MF; Vargas-Perez, JI; Navarro, N; Abreu, I; Castillo-Michel, H; Avalos-Cembrano, N; Valencia, JP; Perez, F; Gonzalez-Guerrero, M; Roschttardt, H

FRONTIERS IN PLANT SCIENCE, 9 10.3389/fpls.2018.01985 JAN 15 2019

[Subir](#)

Centro de Domótica Integral (CEDINT)

[Prescribed intensity patterns from extended sources by means of a wavefront-matching procedure-](#)

Sorgato, S; Chaves, J; Mohedano, R; Hernandez, M; Blen, J; Grabovickic, D; Thienpont, H; Duerr, F

ILLUMINATION OPTICS V, 10693 10.1117/12.2313809 2018

[Subir](#)

Centro de Electrónica Industrial (CEI)

[Finite Element Modelling of Litz Wire Conductors and Compound Magnetic Materials based on Magnetic Nano-particles by means of Equivalent Homogeneous Materials for Wireless Power Transfer System-](#)

Delgado, A; Salinas, G; Oliver, JA; Cobos, JA; Rodriguez, J

2018 IEEE 19TH WORKSHOP ON CONTROL AND MODELING FOR POWER ELECTRONICS (COMPEL), 2018

[Digital Variable Frequency control of a Single-Phase Energy-buffered Inverter with Multiple Modulation Strategies-](#)

Ramos, R; Serrano, D; Oliver, J; Alou, P; Cobos, JA

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 4934-4939; 2018

[ZVS transitions in Multi-Mode Single Stage Inverter-](#)

Serrano, D; Ramos, R; Alou, P; Oliver, J; Cobos, JA

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 1293-1300; 2018

[Equivalent Parameters of Round and Litz Wire Conductors to Obtain an Equivalent Layer to Accelerate Finite Element Simulations of Wireless Power Transfer System-](#)

Delgado, A; Salinas, G; Oliver, JA; Cobos, JA; Rodriguez, J

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 7375-7379; 2018

[Fast FEA Thermal Simulation of Magnetic Components by Winding Equivalent Layers-](#)

Salinas, G; Delgado, A; Oliver, JA; Prieto, R

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 7380-7385; 2018

[Energy-Buffered Single-phase Inverter Operating in the Fundamental Limit of Indirect Power-](#)

Cobos, JA; Ramos, R; Serrano, D; Oliver, J; Alou, P

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 6356-6363; 2018

[Control of a Three-phase Boost Rectifier for Operation Under Single Failure of the AC Line For Avionic Application-](#)

Borovic, U; Zhao, S; Oliver, JA; Alou, P; Cobos, JA

2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), 7278-7283; 2018

[Subir](#)

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

[Reducing nitrogen footprints of consumer-level food loss and protein overconsumption in Japan, considering gender and age differences-Q1](#)

Hayashi, K; Oita, A; Lassaletta, L; Shindo, J; Shibata, H; Sakurai, G; Eguchi, S

ENVIRONMENTAL RESEARCH LETTERS, 13 (12):10.1088/1748-9326/aaec63 DEC 2018

[IMPROVED CROP RESIDUE COVER ESTIMATES FROM SATELITE IMAGES BY COUPLING RESIDUE AND WATER SPECTRAL INDICES](#)

Quemada, M; Hively, WD; Daughtry, CST; Lamb, BT; Shermeyer, J

IGARSS 2018 - 2018 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM, 5425-5428; 2018

[How accurately do maize crop models simulate the interactions of atmospheric CO2 concentration levels with limited water supply on water use and yield? – Q1](#)

Durand, JL; Delusca, K; Boote, K; Lizaso, J; Manderscheid, R; Weigel, HJ; Ruane, AC; Rosenzweig, C; Jones, J; Ahuja, L; Anapalli, S; Basso, B; Baron, C; Bertuzzi, P; Biernath, C; Deryng, D; Ewert, F; Gaiser, T; Gayler, S; Heinlein, F; Kersebaum, KC; Kim, SH; Muller, C; Nendel, C; Oliso, A; Priesack, E; Villegas, JR; Ripoche, D; Rotttert, RP; Seidel, SI; Srivastava, A; Tao, FL; Timlin, D; Twine, T; Wang, EL; Webber, H; Zhao, ZG

EUROPEAN JOURNAL OF AGRONOMY, 100 67-75; SI 10.1016/j.eja.2017.01.002 OCT 2018

[Decline in climate resilience of European wheat-Q1](#)

Kahiluoto, H; Kaseva, J; Balek, J; Olesen, JE; Ruiz-Ramos, M; Gobin, A; Kersebaum, KC; Takac, J; Ruget, F; Ferrise, R; Bezak, P; Capellades, G; Dibari, C; Makinen, H; Nendel, C; Ventrella, D; Rodriguez, A; Bindi, M; Trnka, M

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 116 (1):123-128; 10.1073/pnas.1804387115 JAN 2 2019

[Are agricultural researchers working on the right crops to enable food and nutrition security under future climates?-Q1](#)

Manners, R; van Etten, J

GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS, 53 182-194;
10.1016/j.gloenvcha.2018.09.010 NOV 2018

[Subir](#)

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

[Remanence enhancement for stray field-based applications in arrays of crystalline nanomagnets](#) – Q2

Cebolladao, F; Gomez, A; Palomares, FJ; Sanchez-Agudo, M; Gonzalez, EM; Urdirroz, U; Vicent, JL; Gonzalez, JM

JOURNAL OF PHYSICS D-APPLIED PHYSICS, 52 (9):10.1088/1361-6463/aaf614 FEB 27 2019

[Subir](#)

Centro Láser

[Hybrid laser and vacuum process for rapid ultrahydrophobic Ti-6Al-4V surface formation-Q1](#)

Jagdheesh, R; Diaz, M; Marimuthu, S; Ocana, JL

APPLIED SURFACE SCIENCE, 471 759-766; 10.1016/j.apsusc.2018.12.047 MAR 31 2019

[Subir](#)

Centro de Investigación de Materiales Estructurales (CIME)

[Effect of Ti and TiC alloyants on the mechanical properties of W-based armour materials-Q1](#)

Tejado, E; Martin, A; Pastor, JY

JOURNAL OF NUCLEAR MATERIALS, 514 238-246; 10.1016/j.jnucmat.2018.12.001 FEB 2019

[Subir](#)

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

[Automatic Instrumentation of Dataflow Applications using PAPI-](#)

Madronal, D; Morvan, A; Lazcano, R; Salvador, R; Desnos, K; Juarez, E; Sanz, C

2018 ACM INTERNATIONAL CONFERENCE ON COMPUTING FRONTIERS, 232-235;
10.1145/3203217.3209886 2018

[Subir](#)

Centro en Procesado de la Información y Telecomunicaciones

[Drone Detection and RCS Measurements with Ubiquitous Radar-](#)

de Quevedo, AD; Urzaiz, FI; Menoyo, JG; Lopez, AA

2018 INTERNATIONAL CONFERENCE ON RADAR (RADAR), 2018

[Design of a Ku-Band High-Purity Transducer for the TM01 Circular Waveguide Mode by Means of T-Type Junctions-Q1](#)

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

IEEE ACCESS, 7 450-456; 10.1109/ACCESS.2018.2885489 2019

[LTE-R Based Passive Multistatic Radar for High-Speed Railway Network Surveillance-](#)

Blazquez-Garcia, R; Casamayon-Anton, J; Burgos-Garcia, M

2018 15TH EUROPEAN RADAR CONFERENCE (EURAD), 6-9; 2018

[Remotely Piloted Aircraft Detection with Persistent Radar-](#)

de Quevedo, AD; Urzaiz, FI; Menoyo, JG; Lopez, AA

2018 15TH EUROPEAN RADAR CONFERENCE (EURAD), 317-320; 2018

[Subir](#)

Centro de Investigación en Simulación Computacional (CSC)

[A p-multigrid strategy with anisotropic p-adaptation based on truncation errors for high-order discontinuous Galerkin methods-Q1](#)

Rueda-Ramirez, AM; Manzanero, J; Ferrer, E; Rubio, G; Valero, E

JOURNAL OF COMPUTATIONAL PHYSICS, 378 209-233; 10.1016/j.jcp.2018.11.009 FEB 1 2019

[A Method for the Symbolic Representation of Neurons-Q1](#)

Maraver, JJA; Mata, S; Benavides-Piccione, R; DeFelipe, J; Pastor, L

FRONTIERS IN NEUROANATOMY, 12 10.3389/fnana.2018.00106 DEC 18 2018

[Event Analysis on Power Communication Networks With Big Data for Maintenance Forms-Q1](#)

Feijoo-Martinez, JR; Munoz-Romero, S; Soguero-Ruiz, C; Castro-Fernandez, M; Rojo-Alvarez, JL

IEEE ACCESS, 6 72263-72274; 10.1109/ACCESS.2018.2881797 2018

[On the alpha-nonbacktracking centrality for complex networks: Existence and limit cases-Q1](#)

Criado, R; Flores, J; Garcia, E; del Amo, AJG; Perez, A; Romance, M

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, 350 35-45; 10.1016/j.cam.2018.09.048 APR 2019

[Multiclass network attack classifier using CNN tuned with Genetic Algorithms-](#)

Blanco, R; Malagon, P; Cilla, JJ; Moya, JM

2018 28TH INTERNATIONAL SYMPOSIUM ON POWER AND TIMING MODELING, OPTIMIZATION AND SIMULATION (PATMOS), 177-182; 2018

[Subir](#)

Centro de tecnología Biomédica CTB

[A Method for the Symbolic Representation of Neurons](#)-Q1

Maraver, JJA; Mata, S; Benavides-Piccione, R; DeFelipe, J; Pastor, L

FRONTIERS IN NEUROANATOMY, 12 10.3389/fnana.2018.00106 DEC 18 2018

[Quantitative Analysis of Relationship Between Hypokinetic Dysarthria and the Freezing of Gait in Parkinson's Disease](#)-Q1

Mekyska, J; Galaz, Z; Kiska, T; Zvoncak, V; Mucha, J; Smekal, Z; Eliasova, I; Kostalova, M; Mrackova, M; Fiedorova, D; Faundez-Zanuy, M; Sole-Casals, J; Gomez-Vilda, P; Rektorova, I

COGNITIVE COMPUTATION, 10 (6):1006-1018; 10.1007/s12559-018-9575-8 DEC 2018

[Functional Connectivity of Idiopathic Generalized Epilepsy Patients vs Frontal Epilepsy Patients using Magnetoencephalography \(MEG\)](#)-Q1

Carrasco, S; Gudin, M; Burriel, L; Niso, G; Maestu, F; Vaamonde, J

NEUROLOGY, 90 15 APR 10 2018

[Stochastic Analysis and Control in Kinetics of Multistable Chemical Reactor](#)-

Bashkirtseva, I; Pisarchik, AN

IFAC PAPERSONLINE, 51 (32):545-549; 10.1016/j.ifacol.2018.11.479 2018

[From the Difference of Structures to the Structure of the Difference](#) – Q2

Zanin, M; Menasalvas, E; Sun, XQ; Wandelt, S

COMPLEXITY, 10.1155/2018/4326097 2018

[Betweenness centrality in multiplex brain network during mental task evaluation](#) – Q1

Makarov, VV; Zhuravlev, MO; Runnova, AE; Protasov, P; Maksimenko, VA; Frolov, NS; Pisarchik, AN; Hramov, AE

PHYSICAL REVIEW E, 98 (6):10.1103/PhysRevE.98.062413 DEC 26 2018

[Resonant Nanopillars as label-free optical biosensors](#)

Hernandez, AL; Casquel, R; Holgado, M; Cornago, I; Fernandez, F; Ciaurriz, P; Sanza, FJ; Santamaria, B; Maigler, MV; Laguna, MF

OPTICAL FIBERS AND SENSORS FOR MEDICAL DIAGNOSTICS AND TREATMENT APPLICATIONS XVIII, 10488 10.1117/12.2288273 2018

[Dynamical complexity as a proxy for the network degree distribution](#)-Q1

Tlaie, A; Leyva, I; Sevilla-Escoboza, R; Vera-Avila, VP; Sendina-Nadal, I

PHYSICAL REVIEW E, 99 (1):10.1103/PhysRevE.99.012310 JAN 7 2019

[Using global modeling to unveil hidden couplings in small network motifs](#)-Q1

Mangiarotti, S; Sendina-Nadal, I; Letellier, C

CHAOS, 28 (12):10.1063/1.5037335 DEC 2018

[Monitoring Progress of Parkinson's Disease Based on Changes in Phonation: a Pilot Study-](#)

Galaz, Z; Mekyska, J; Kiska, T; Zvoncak, V; Mucha, J; Harar, P; Smekal, Z; Eliasova, I; Mrackova, M; Kostalova, M; Rektorova, I; Faundez-Zanuy, M; Alonso-Hernandez, JB; Gomez-Vilda, P

2018 41ST INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), 218-221; 2018

[Analysis of bistable perception based on MEG data-](#)

Maksimenko, VA; Frolov, NS; Pisarchik, AN

DYNAMICS AND FLUCTUATIONS IN BIOMEDICAL PHOTONICS XV, 10493
10.1117/12.2291673 2018

[Nonlinear dynamics and coherent resonance in a network of coupled neural-like oscillators-](#)

Andreev, AV; Runnova, AE; Pisarchik, AN; Hramov, AE

DYNAMICS AND FLUCTUATIONS IN BIOMEDICAL PHOTONICS XV, 10493
10.1117/12.2291670 2018

[Big data and machine learning in critical care: Opportunities for collaborative research-Q4](#)

Reiz, AN; Garcia, MS; Sagasti, FM; Gonzalez, MA; Malpica, AB; Benitez, JCM; Cabrera, MN; Ramirez, AD; Perdomo, JMG; Alonso, JP; Ceti, LA; de la Hoz, MAA; Deliberato, R; Paik, K; Pollard, T; Raffa, J; Torres, F; Mayol, J; Chafer, J; Ferrer, AG; Rey, A; Luengo, HG; Fico, G; Lombroni, I; Hernandez, L; Lopez, L; Merino, B; Cabrera, MF; Arredondo, MT; Bodi, M; Gomez, J; Rodriguez, A

MEDICINA INTENSIVA, 43 (1):52-57; 10.1016/j.medin.2018.06.002 JAN-FEB 2019

[Changes in Phonation and Their Relations with Progress of Parkinson's Disease-Q3](#)

Galaz, Z; Mekyska, J; Zvoncak, V; Mucha, J; Kiska, T; Smekal, Z; Eliasova, I; Mrackova, M; Kostalova, M; Rektorova, I; Faundez-Zanuy, M; Alonso-Hernandez, JB; Gomez-Vilda, P

APPLIED SCIENCES-BASEL, 8 (12):10.3390/app8122339 DEC 2018

[Subir](#)

Instituto de Fusión Nuclear (DENIM)

[DAGON: A 3D Maxwell-Bloch Code](#)

Oliva, E; Cotelo, M; Escudero, JC; Vicens, S; Gonzalez, A; Velarde, P

X-RAY LASERS 2016, 202 25-28; 10.1007/978-3-319-73025-7_4 2018

[Subir](#)

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

No hay documentos este mes.

[Subir](#)

Instituto de Energía Solar (IES)

[Influence of the operational point in the photovoltaic converters performance](#)-Q2

Tablero-Crespo, C

SEMICONDUCTOR SCIENCE AND TECHNOLOGY, 34 (1):10.1088/1361-6641/aaf438 JAN 2019

[Novel encapsulant architecture on the road to photovoltaic module power output increase](#)-Q1

Lopez-Escalante, MC; Fernandez-Rodriguez, M; Caballero, LJ; Martin, F; Gabas, M; Ramos-Barrado, JR

APPLIED ENERGY, 228 1901-1910; 10.1016/j.apenergy.2018.07.073 OCT 15 2018

[Hourly-resolution analysis of electricity decarbonization in Spain \(2017-2030\)](#) – Q1

Victoria, M; Gallego-Castillo, C

APPLIED ENERGY, 233 674-690; 10.1016/j.apenergy.2018.10.055 JAN 1 2019

[Challenges in the design of concentrator photovoltaic \(CPV\) modules to achieve highest efficiencies](#)-Q1

Wiesenfarth, M; Anton, I; Bett, AW

APPLIED PHYSICS REVIEWS, 5 (4):10.1063/1.5046752 DEC 2018

[Development and Test of Solutions to Enlarge the Power of PV Irrigation and Application to a 140 kW PV-Diesel Representative Case](#)-Q2

Almeida, RH; Carrelo, IB; Lorenzo, E; Narvarte, L; Fernandez-Ramos, J; Martinez-Moreno, F; Carrasco, LM

ENERGIES, 11 (12):10.3390/en11123538 DEC 2018

[Subir](#)

Instituto Universitario de Investigación del Automóvil (INSIA)

[Truss Topology Optimization Based on a Birth/Death Element Approach-](#)

Pedroza-Villalba, M; Portilla-Flores, EA; Vega-Alvarado, E; Calva-Yanez, MB; Santiago-Valentin, E; Alcalá-Fazio, E

IEEE ACCESS, 6 72609-72619; 10.1109/ACCESS.2018.2881609 2018

[Connection of the SUMO Microscopic Traffic Simulator and the Unity 3D Game Engine to Evaluate V2X Communication-Based Systems-Q2](#)

Olaverri-Monreal, C; Errea-Moreno, J; Diaz-Alvarez, A; Biurrun-Quel, C; Serrano-Arriezu, L; Kuba, M

SENSORS, 18 (12):10.3390/s18124399 DEC 2018

[Subir](#)

Instituto Universitario de Sistemas Optoelectrónicos y Microtecnología (ISOM)

[Short infrared wavelength quantum cascade detectors based on m-plane ZnO/ZnMgO quantum Wells – Q1](#)

Jollivet, A; Hinkov, B; Pirotta, S; Hoang, H; Derelle, S; Jaeck, J; Tchernycheva, M; Colombelli, R; Bousseksou, A; Hugues, M; Le Biavan, N; Tamayo-Arriola, J; Bajo, MM; Rigutti, L; Hierro, A; Strasser, G; Chauveau, JM; Julien, FH

APPLIED PHYSICS LETTERS, 113 (25):10.1063/1.5058120 DEC 17 2018

[Confined Polymers as Self-Avoiding Random Walks on Restricted Lattices-Q1](#)

Benito, J; Karayiannis, NC; Laso, M

POLYMERS, 10 (12):10.3390/polym10121394 DEC 2018

[Subir](#)

Centro de Investigación del Transporte (TRANSYT)

No hay documentos este mes.

[Subir](#)