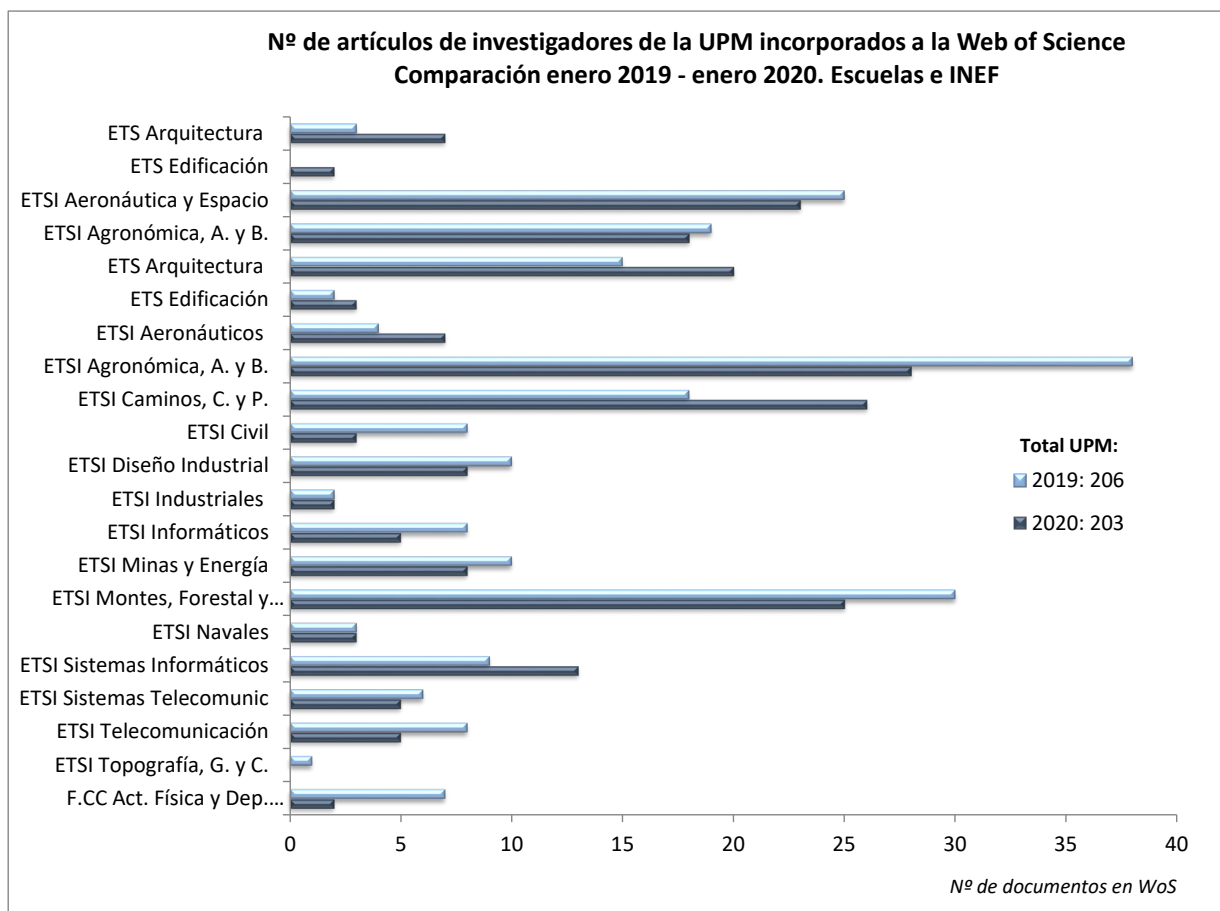


## Seguimiento de la producción científica UPM en la Web of Science

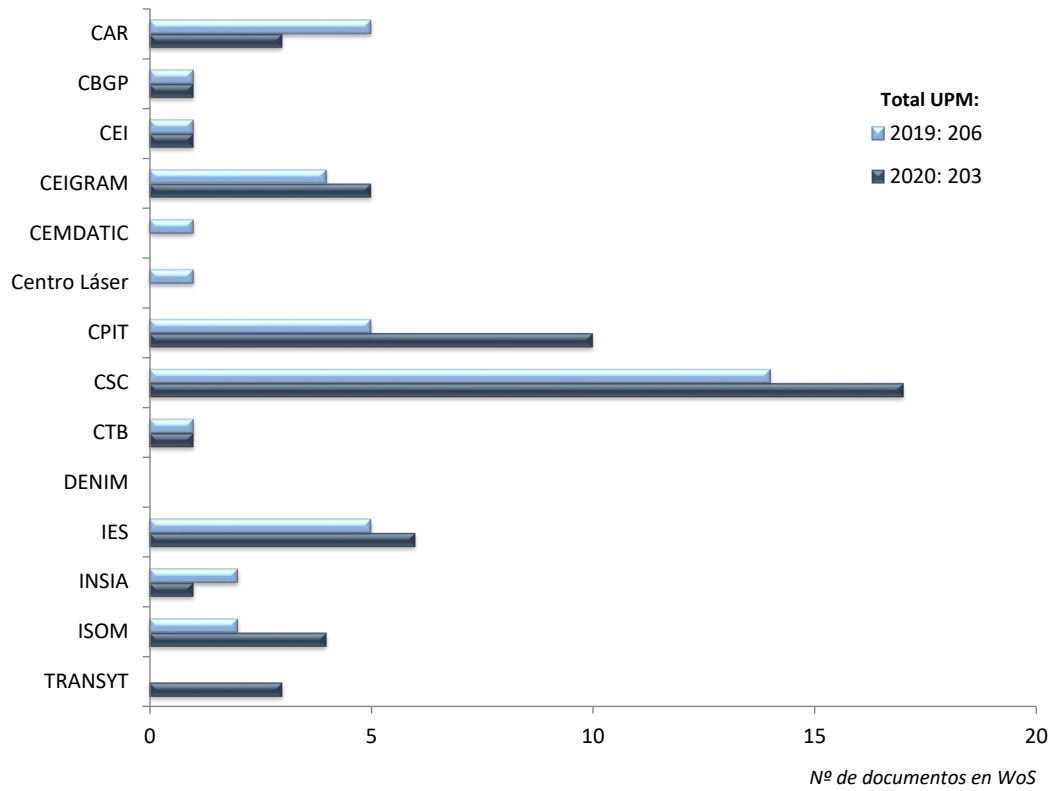
La **Web Of Science** (WOS) es una plataforma de la empresa Clarivate Analytics basada en tecnología web y formada por una amplia colección de bases de datos bibliográficas, citas y referencias de publicaciones científicas de cualquier disciplina del conocimiento –científico, tecnológico, humanístico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

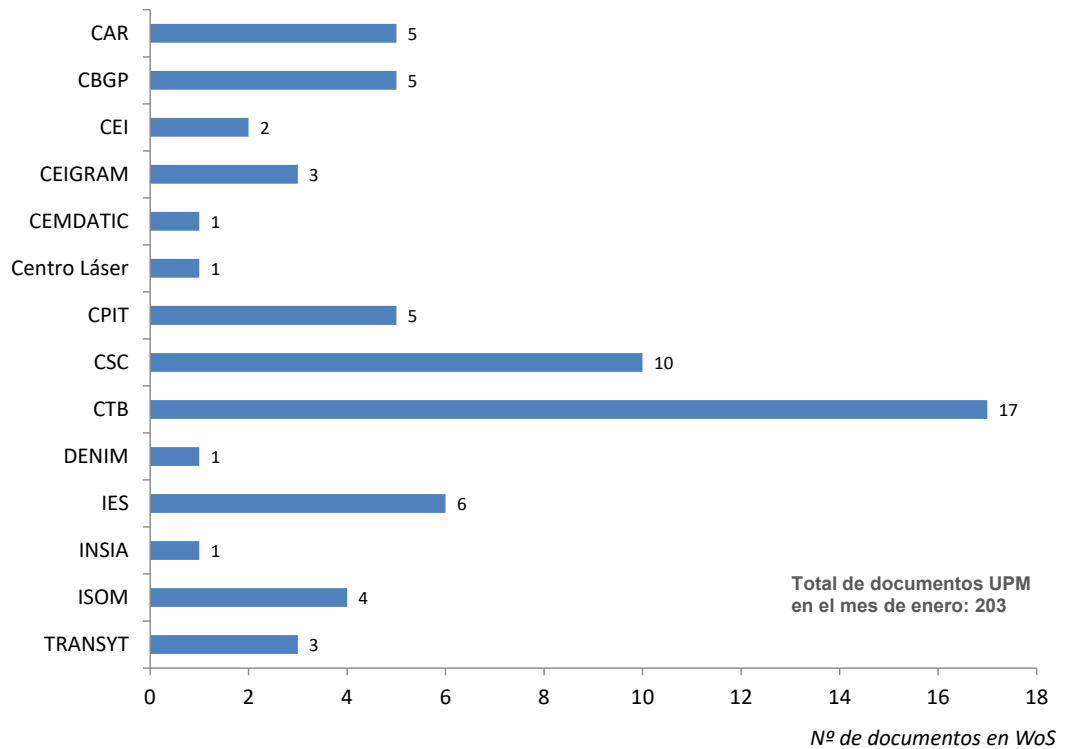
En los gráficos siguientes se presenta la comparativa 2018-2019 de los documentos de investigación de la Universidad Politécnica de Madrid (UPM) dados de alta en la Web of Science (WoS) para los centros docentes y los centros e institutos de I+D+i de la UPM acumulados hasta el mes actual. También, para 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 enero 2019 - enero 2020. Centros e Institutos de I+D+i.**



**Nº de documentos UPM incorporados a la Web of Science. Enero 2020.  
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

[Modernism and the right to the city: prefigurations and contradictions in postwar urban design](#)

Sevilla-Buitrago, A (Sevilla-Buitrago, Alvaro)

ARTE INDIVIDUO Y SOCIEDAD Volumen: 32 Número: 1 Páginas: 211-226 DOI:  
10.5209/ARIS.63060 JAN-MAR 2020

[An environmental Life Cycle Assessment of Living Wall Systems-Q1](#)

Oquendo-Di Cosola, V (Oquendo-Di Cosola, V.); Olivieri, F (Olivieri, F.); Ruiz-Garcia, L (Ruiz-Garcia, L.); Bacenetti, J (Bacenetti, J.)

JOURNAL OF ENVIRONMENTAL MANAGEMENT Volume: 254 Article Number: 109743  
DOI:  
10.1016/j.jenvman.2019.109743 Published: JAN 15 2020

[Commuting Ordinary Differential Operators and the Dixmier Test-Q3](#)

Previato, E (Previato, Emma); Rueda, SL (Rueda, Sonia L.); Zurro, MA (Zurro, Maria-Angeles)

SYMMETRY INTEGRABILITY AND GEOMETRY-METHODS AND APPLICATIONS Volume: 15  
Article  
Number: 101 DOI: 10.3842/SIGMA.2019.101 Published: 2019

[Computational modeling of land surface temperature using remote sensing data to investigate the spatial arrangement of buildings and energy consumption relationship-Q2](#)

Faroughi, M (Faroughi, Maryam); Karimimoshaver, M (Karimimoshaver, Mehrdad); Aram, F (Aram, Farshid); Solgi, E (Solgi, Ebrahim); Mosavi, A (Mosavi, Amir); Nabipour, N (Nabipour, Narjes); Chau, KW (Chau, Kwok-Wing)

ENGINEERING APPLICATIONS OF COMPUTATIONAL FLUID MECHANICS Volume: 14 Issue:  
1 Pages: 254-270 DOI: 10.1080/19942060.2019.1707711 Published: JAN 1 2020

[Effect of vehicle swiveling headlamps and highway geometric design on nighttime sight distance](#) - Q2

De Santos-Berbel, C (De Santos-Berbel, Cesar); Castro, M (Castro, Maria)

MATHEMATICS AND COMPUTERS IN SIMULATION Volume: 170 Pages: 32-50 DOI: 10.1016/j.matcom.2019.08.012 Published: APR 2020

[Using Small Unmanned Aerial Vehicle in 3D Modeling of Highways with Tree-Covered Roadsides to Estimate Sight Distance](#)-Q1

Iglesias, L (Iglesias, Luis); De Santos-Berbel, C (De Santos-Berbel, Cesar); Pascual, V (Pascual, Valero); Castro, M (Castro, Maria)

REMOTE SENSING Volume: 11 Issue: 22 Article Number: 2625 DOI: 10.3390/rs11222625 Published: NOV 2 2019

["We are not as crowded as Barcelona". The proliferation and regulation of vacational rentals in Madrid and](#)-Q4

Urquiaga, AA (Ardura Urquiaga, Alvaro); Lorente-Riverola, I (Lorente-Riverola, Inigo); Mohino, I (Mohino, Inmaculada); Sanchez, JR (Ruiz Sanchez, Javier)

Source: BOLETIN DE LA ASOCIACION DE GEOGRAFOS ESPANOLES Issue: 83 Article Number: 2828 DOI: 10.21138/bage.2828 Published: 2019

[Subir](#)

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### [Analysis of the improved water-resistant properties of plaster compounds with the addition of plastic waste](#) – Q1

Vidales-Barriguete, A (Vidales-Barriguete, Alejandra); Atanes-Sanchez, E (Atanes-Sanchez, Evangelina); del Rio-Merino, M (del Rio-Merino, Mercedes); Pina-Ramirez, C (Pina-Ramirez, Carolina)

CONSTRUCTION AND BUILDING MATERIALS Volume: 230 Article Number: UNSP 116956  
DOI:  
10.1016/j.conbuildmat.2019.116956 Published: JAN 10 2020

### [Comparison of binderless boards produced with different tissues of totora \(Schoenoplectus californicus \(C.A. Mey\) Sojak\) stems](#)-Q2

Hidalgo-Cordero, JF (Fernando Hidalgo-Cordero, Juan); Garcia-Ortuno, T (Garcia-Ortuno, Teresa); Garcia-Navarro, J (Garcia-Navarro, Justo)

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[Subir](#)

## ETSI Aeronáutica y del Espacio

### [Editorial](#) – Q4

Guinda, CS (Sancho Guinda, Carmen)

IBERICA Número: 38 Páginas: 9-15 FAL 2019

### [Tip-Shroud Labyrinth Seal Effect on the Flutter Stability of Turbine Rotor Blades](#) – Q2

Corral, R (Corral, Roque); Greco, M (Greco, Michele); Vega, A (Vega, Almudena)

JOURNAL OF TURBOMACHINERY-TRANSACTIONS OF THE ASME Volumen: 141 Número: 10 Número especial: SI Número de artículo: 101006 DOI: 10.1115/1.4043962 OCT 2019

### [Detection of Common Causes between Air Traffic Serious and Major Incidents in Applying the Convolution Operator to Heinrich Pyramid Theory](#) – Q2

Cheng, SZYL (Liang Cheng, Schon Z. Y.); Valdes, RMA (Arnaldo Valdes, Rosa Maria); Comendador, VFG (Gomez Comendador, Victor Fernando); Nieto, FJS (Saez Nieto, Francisco Javier)

ENTROPY Volumen: 21 Número: 12 Número de artículo: 1166 DOI: 10.3390/e21121166 DEC 2019

### [Linguistic Laws in Speech: The Case of Catalan and Spanish](#) – Q2

Hernandez-Fernandez, A (Hernandez-Fernandez, Antoni); Torre, IG (Torre, Ivan G.); Garrido, JM (Garrido, Juan-Maria); Lacasa, L (Lacasa, Lucas)

ENTROPY Volumen: 21 Número: 12 Número de artículo: 1153 DOI: 10.3390/e21121153 DEC 2019

### [Comparison Between Video-class and LEGO Serious Slay Learning Strategies for the Students of Engineering Discipline](#) – Q4

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Early Access Date: JAN 2020

[The structure and dynamics of backflow in turbulent channels](#) – Q1

Cardesa, JI (Cardesa, J., I); Monty, JP (Monty, J. p); Soria, J (Soria, J.); Chong, MS (Chong, M. S.)

JOURNAL OF FLUID MECHANICS Volume: 880 Article Number: R3 DOI:  
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[Rayleigh damping parameters estimation using hammer impact tests](#)-Q1

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MECHANICAL SYSTEMS AND SIGNAL PROCESSING Volume: 135 Article Number: 106391

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[Computers and turbulence](#)- Q3

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[A free-energy stable nodal discontinuous Galerkin approximation with summation-by-parts property for the Cahn-Hilliard equation](#) – Q1

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[ASYMPTOTIC DESCRIPTION OF FORCED RESPONSE VIBRATION SATURATION BY FRICTION FORCES-](#)

Martel, C (Martel, Carlos); Martin, JA (Martin, Juan A.)

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[Characterization of an analog-to-digital converter frequency response by a Josephson arbitrary waveform synthesizer](#)-Q2

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[TIP-SHROUD LABYRINTH SEAL EFFECT ON THE FLUTTER STABILITY OF TURBINE ROTOR BLADES-](#)

Corral, R (Corral, Roque); Greco, M (Greco, Michele); Vega, A (Vega, Almudena)

PROCEEDINGS OF THE ASME TURBO EXPO: TURBOMACHINERY TECHNICAL CONFERENCE AND EXPOSITION, 2019, VOL 7A Article Number: UNSP V07AT36A017 Published: 2019

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[Subir](#)

## ETSI Agronómica, Alimentaria y de Biosistemas

### [Effects of fat matrix and particle size of coated methionine on by-pass fraction of dry matter and nitrogen](#) – Q2

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### [Designs for energy-efficient wine cellars \(ageing rooms\): a review](#) – Q1

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### [Effects of agroindustrial by-product supplementation on dairy goat milk characteristics, nutrient utilization, ruminal fermentation, and methane production](#) – Q1

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### [Effect of ageing of bare and coated nanoparticles of zinc oxide applied to soil on the Zn behaviour and toxicity to fish cells due to transfer from soil to water bodies](#) – Q1

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[Putative new plant viruses associated with Plasmopara viticola-infected grapevine samples](#) – Q1

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[Mapping Periodic Patterns of Global Vegetation Based on Spectral Analysis of NDVI Time Series – Q1](#)

Recuero, L (Recuero, Laura); Litago, J (Litago, Javier); Pinzon, JE (Pinzon, Jorge E.); Huesca, M (Huesca, Margarita); Moyano, MC (Moyano, Maria C.); Palacios-Orueta, A (Palacios-Orueta, Alicia)

REMOTE SENSING Volume: 11 Issue: 21 Article Number: 2497 DOI: 10.3390/rs11212497 Published: NOV 2019

[Sustainable Development Planning: Master's Based on a Project-Based Learning Approach – Q2](#)

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PHYSICAL REVIEW E Volume: 100 Issue: 6 Article Number: 062414 DOI: 10.1103/PhysRevE.100.062414 Published: DEC 23 2019

[Fasting combined with long catch duration modifies the physio-metabolic response and flesh quality of rainbow trout – Q3](#)

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AQUACULTURE RESEARCH DOI: 10.1111/are.14475 Early Access Date: DEC 2019

[Pig ear skin temperature and feed efficiency: Using the phase space to estimate thermoregulatory effort \(vol 174, pg 80, 2018\)-Q1](#)

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BIOSYSTEMS ENGINEERING Volume: 188 Pages: 355-355 DOI:  
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[Comparison of binderless boards produced with different tissues of totora \(Schoenoplectus californicus \(C.A. Mey\) Sojak\) stems-Q2](#)

Hidalgo-Cordero, JF (Fernando Hidalgo-Cordero, Juan); Garcia-Ortuno, T (Garcia-Ortuno, Teresa); Garcia-Navarro, J (Garcia-Navarro, Justo)

JOURNAL OF BUILDING ENGINEERING Volume: 27 Article Number: 100961 DOI:  
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PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA Volume: 116 Issue: 50 Pages: 25078-25086 DOI: 10.1073/pnas.1904903116  
Published: DEC 10 2019

[Treatment of Bowen's disease with photodynamic therapy. Observational study in 171 patients with 5-aminolaevulinic acid \(BF-200 ALA\) and methyl aminolaevulinate \(MAL\)-Q3](#)

Alique-Garcia, S (Alique-Garcia, Sergio); Alique, D (Alique, Daniel); Company-Quiroga, J (Company-Quiroga, Jaime); Sanchez, A (Sanchez, Alberto); Nunez, AH (Hernandez Nunez, Almudena); Borbujo, J (Borbujo, J.)

PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY Volume: 28 Pages: 192-194 DOI: 10.1016/j.pdpdt.2019.08.011 Published: DEC 2019

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Castellano-Hinojosa, A (Castellano-Hinojosa, Antonio); Gonzalez-Lopez, J (Gonzalez-Lopez, Jesus); Vallejo, A (Vallejo, Antonio); Bedmar, EJ (Bedmar, Eulogio J.)

JOURNAL OF PLANT NUTRITION AND SOIL SCIENCE DOI: 10.1002/jpln.201900038 Early Access Date: DEC 2019

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## ETSI Caminos, Canales y Puertos

### [Thermo-Poroelastic Analysis of Induced Seismicity at the Basel Enhanced Geothermal System](#) – Q2

Andres, S (Andres, Sandro); Santillan, D (Santillan, David); Mosquera, JC (Carlos Mosquera, Juan); Cueto-Felgueroso, L (Cueto-Felgueroso, Luis)

SUSTAINABILITY Volumen: 11 Número: 24 Número de artículo: 6904 DOI: 10.3390/su11246904 DEC 2 2019

### [Riprap Scour Protection for Monopiles in Offshore Wind Farms](#) – Q3

Esteban, MD (Dolores Esteban, M.); Lopez-Gutierrez, JS (Lopez-Gutierrez, Jose-Santos); Negro, V (Negro, Vicente); Sanz, L (Sanz, Luciano)

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### [Foundations in Offshore Wind Farms: Evolution, Characteristics and Range of Use. Analysis of Main Dimensional Parameters in Monopile Foundations](#) – Q3

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[Exploring the adoption of moped scooter-sharing systems in Spanish urban areas](#)-Q1

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### [Numerical Simulation of Temperature and Pressure Changes due to Partial Discharges in Spherical Cavities Within Solid Dielectrics at Different Ageing Conditions](#) – Q3

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Ferre, M (Ferre, Manuel); Sanchez-Uran, MA (Sanchez-Uran, Miguel A.); Pont-Esteban, D (Pont-Esteban, David)

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### [Hybrid UV-C/microfiltration process in membrane photoreactor for wastewater disinfection](#) – Q2

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[The digital divide in light of sustainable development: An approach through advanced machine learning techniques-Q1](#)

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### [Challenges of gamification in software process improvement](#) – Q3

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[Parasitics Impact on the Performance of Rectifier Circuits in Sensing RF Energy Harvesting – Q1](#)

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[Influence of cultural dimensions on promotional e-mail effectiveness](#) – Q1

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### [Effect of Caffeine Supplementation on Sports Performance Based on Differences Between Sexes: A Systematic Review](#) – Q1

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[On the use of nestedness-based similarity functions \(NBSF\) to classify and/or order operational geographic units \(OGUs\)](#)-Q4

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

[Effect of Sleep Quality on the Prevalence of Sarcopenia in Older Adults: A Systematic Review with Meta-Analysis](#) – Q1

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[Interactive effects of home advantage and quality of opponent in Chinese Women's Volleyball Association League](#) – Q4

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[Examining the key performance indicators of all-star players and winning teams in elite futsal – Q4](#)

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[Influence of Contextual Variables on Performance of the Libero Player in Top-Level Women's Volleyball-Q3](#)

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## Centro de Automática y Robótica (CAR)

### [Design scheme of discrete time variable structure controllers applied to multi-input-multi-output linear systems with chattering elimination](#) – Q1

Al-Hadithi, BM (Mohammed Al-Hadithi, Basil); Luis-Delgado, JD (Dario Luis-Delgado, Jose); Jimenez, A (Jimenez, Agustin)

IET CONTROL THEORY AND APPLICATIONS Volumen: 14 Número: 2 Páginas: 207-219 DOI: 10.1049/iet-cta.2018.6160 JAN 29 2020

### [Efficient Multiaxial Shoulder-Motion Tracking Based on Flexible Resistive Sensors Applied to Exosuits](#)-Q1

Samper-Escudero, JL (Luis Samper-Escudero, J.); Contreras-Gonzalez, AF (Contreras-Gonzalez, Aldo F.); Ferre, M (Ferre, Manuel); Sanchez-Uran, MA (Sanchez-Uran, Miguel A.); Pont-Esteban, D (Pont-Esteban, David)

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### [ROMERIN: A Modular Climber Robot for Infrastructure Inspection](#)

Hernando, M (Hernando, M.); Brunete, A (Brunete, A.); Gambao, E (Gambao, E.)

IFAC PAPERSONLINE Volume: 52 Issue: 15 Pages: 424-429 DOI: 10.1016/j.ifacol.2019.11.712 Published: 2019

### [Laser-based Collision Avoidance and Reactive Navigation using RRT\\* and Signed Distance Field for Multirotor UAVs](#)

Lu, L (Lu, Liang); Sampedro, C (Sampedro, Carlos); Rodriguez-Vazquez, J (Rodriguez-Vazquez, Javier); Campoy, P (Campoy, Pascual)

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Book Series: International Conference on Unmanned Aircraft Systems Pages: 1209-1217  
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Sanchez-Lopez, JL (Sanchez-Lopez, Jose Luis); Sampedro, C (Sampedro, Carlos); Cazzato, D (Cazzato, Dario); Voos, H (Voos, Holger)

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Book Series: International Conference on Unmanned Aircraft Systems Pages: 899-908  
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## Centro de Biotecnología y Genómica de Plantas (CBGP)

### [Genome-wide analysis of the H3K27me3 epigenome and transcriptome in Brassica rapa](#) – Q1

Paya-Milans, M (Paya-Milans, Miriam); Poza-Viejo, L (Poza-Viejo, Laura); San Martin-Uriz, PS (San Martin-Uriz, Patxi); Lara-Astiaso, D (Lara-Astiaso, David); Wilkinson, MD (Wilkinson, Mark D.); Crevillen, P (Crevillen, Pedro)

GIGASCIENCE Volumen: 8 Número: 12 Número de artículo: giz147 DOI: 10.1093/gigascience/giz147 DEC 2019

### [Genetic analysis of a white-to-red berry skin color reversion and its transcriptomic and metabolic consequences in grapevine \(Vitis vinifera cv. 'Moscatel Galego'\)](#) – Q2

Ferreira, V (Ferreira, Vanessa); Matus, JT (Matus, Jose Tomas); Pinto-Carnide, O (Pinto-Carnide, Olinda); Carrasco, D (Carrasco, David); Arroyo-Garcia, R (Arroyo-Garcia, Rosa); Castro, I (Castro, Isaura)

BMC GENOMICS Volumen: 20 Número: 1 Número de artículo: 952 DOI: 10.1186/s12864-019-6237-5 DEC 9 2019

### [Putative new plant viruses associated with Plasmopara viticola-infected grapevine samples](#) – Q1

Chiapello, M (Chiapello, Marco); Rodriguez-Romero, J (Rodriguez-Romero, Julio); Nerva, L (Nerva, Luca); Forgia, M (Forgia, Marco); Chitarra, W (Chitarra, Walter); Ayllon, MA (Ayllon, Maria A.); Turina, M (Turina, Massimo)

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### [The JA-pathway MYC transcription factors regulate photomorphogenic responses by targeting HY5 gene expression](#)-Q1

Ortigosa, A (Ortigosa, Andres); Fonseca, S (Fonseca, Sandra); Franco-Zorrilla, JM (Franco-Zorrilla, Jose M.); Fernandez-Calvo, P (Fernandez-Calvo, Patricia); Zander, M (Zander, Mark); Lewsey, MG (Lewsey, Mathew G.); Garcia-Casado, G (Garcia-Casado, Gloria); Fernandez-Barbero, G (Fernandez-Barbero, Gemma); Ecker, JR (Ecker, Joseph R.); Solano, R (Solano, Roberto)

Source: PLANT JOURNAL DOI: 10.1111/tpj.14618 Early Access Date: JAN 2020



[Biosynthesis of the nitrogenase active-site cofactor precursor NifB-co in \*Saccharomyces cerevisiae\*-Q1](#)

Buren, S (Buren, Stefan); Pratt, K (Pratt, Katelin); Jiang, X (Jiang, Xi); Guo, YS (Guo, Yisong); Jimenez-Vicente, E (Jimenez-Vicente, Emilio); Echavarri-Erasun, C (Echavarri-Erasun, Carlos); Dean, DR (Dean, Dennis R.); Saaem, I (Saaem, Ishtiaq); Gordon, DB (Gordon, D. Benjamin); Voigt, CA (Voigt, Christopher A.); Rubio, LM (Rubio, Luis M.)

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Published: DEC 10 2019

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## Centro de Domótica Integral (CEDINT)

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### Centro de Electrónica Industrial (CEI)

[Design Methodology for Three-Phase Buck-Type and Boost-Type Rectifiers to Comply With the DO-160G Current Distortion Test – Q1](#)

Borovic, U (Borovic, Uros); Zhao, S (Zhao, Sisi); Oliver, JA (Angel Oliver, Jesus); Alou, P (Alou, Pedro); Cobos, JA (Cobos, Jose A.); Pejovic, P (Pejovic, Predrag)

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[Nonlinear Control for DC Microgrids Enabling Efficient Renewable Power Integration and Ancillary Services for AC Grids – Q1](#)

Iovine, A (Iovine, Alessio); Carrizosa, MJ (Carrizosa, Miguel Jimenez); Damm, G (Damm, Gilney); Alou, P (Alou, Pedro)

IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 34 Issue: 6 Pages: 5136-5146 DOI: 10.1109/TPWRS.2018.2871369 Published: NOV 2019

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

[Effect of ageing of bare and coated nanoparticles of zinc oxide applied to soil on the Zn behaviour and toxicity to fish cells due to transfer from soil to water bodies – Q1](#)

Garcia-Gomez, C (Garcia-Gomez, Concepcion); Garcia, S (Garcia, Sandra); Obrador, A (Obrador, Ana); Almendros, P (Almendros, Patricia); Gonzalez, D (Gonzalez, Demetrio); Fernandez, MD (Dolores Fernandez, Maria)

SCIENCE OF THE TOTAL ENVIRONMENT Volumen: 706 Número de artículo: 135713 DOI: 10.1016/j.scitotenv.2019.135713 MAR 1 2020

[Evaluation of a combined drought indicator and its potential for agricultural drought prediction in southern Spain-Q1](#)

Jimenez-Donaire, MD (del Pilar Jimenez-Donaire, Maria); Tarquis, A (Tarquis, Ana); Giraldez, JV (Vicente Giraldez, Juan)

NATURAL HAZARDS AND EARTH SYSTEM SCIENCES Volume: 20 Issue: 1 Pages: 21-33 DOI: 10.5194/nhess-20-21- 2020 Published: JAN 3 2020

[Mapping Periodic Patterns of Global Vegetation Based on Spectral Analysis of NDVI Time Series – Q1](#)

Recuero, L (Recuero, Laura); Litago, J (Litago, Javier); Pinzon, JE (Pinzon, Jorge E.); Huesca, M (Huesca, Margarita); Moyano, MC (Moyano, Maria C.); Palacios-Orueta, A (Palacios-Orueta, Alicia)

REMOTE SENSING Volume: 11 Issue: 21 Article Number: 2497 DOI: 10.3390/rs11212497 Published: NOV 2019

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

[Low temperature superspin glass behavior in a Co/Ag multilayer-Q3](#)

Navarro, E (Navarro, E.); Alonso, M (Alonso, M.); Ruiz, A (Ruiz, A.); Magen, C (Magen, C.); Urdiróz, U (Urdiróz, U.); Cebollada, F (Cebollada, F.); Balcells, L (Balcells, L.); Martínez, B (Martínez, B.); Palomares, FJ (Palomares, F. J.); González, JM (González, J. M.)

AIP ADVANCES Volume: 9 Issue: 12 Article Number: 125327 DOI: 10.1063/1.5130158  
Published: DEC 1 2019

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## Centro Láser

### [Fatigue Properties of Maraging Steel after Laser Peening](#) – Q1

Petan, L (Petan, Luca); Grum, J (Grum, Janez); Porro, JA (Antonio Porro, Juan); Ocana, JL (Luis Ocana, Jose); Sturm, R (Sturm, Roman)

METALS Volume: 9 Issue: 12 Article Number: 1271 DOI: 10.3390/met9121271 Published: DEC 2019

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## Centro de Investigación de Materiales Estructurales (CIME)

No hay documentos este mes.

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

No hay documentos este mes.

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### Centro en Procesado de la Información y Telecomunicaciones (CPIT)

#### [QoE Analysis of Dense Multiview Video With Head-Mounted Devices](#) – Q1

Cubelos, J (Cubelos, Javier); Carballeira, P (Carballeira, Pablo); Gutierrez, J (Gutierrez, Jesus); Garcia, N (Garcia, Narciso)

IEEE TRANSACTIONS ON MULTIMEDIA Volumen: 22 Número: 1 Páginas: 69-81 DOI: 10.1109/TMM.2019.2924575 JAN 2020

#### [Industrial Calibration Procedure for Confocal Microscopes](#) – Q2

Martinez, AM (Minguez Martinez, Alberto); Oliva, JDY (de Vicente y Oliva, Jesus)

MATERIALS Volumen: 12 Número: 24 Número de artículo: 4137 DOI: 10.3390/ma12244137 DEC 2 2019

#### [Evaluation of Standoff Multistatic 3-D Radar Imaging at 300GHz](#) - Q2

Garcia-Rial, F (Garcia-Rial, Federico); Montesano, D (Montesano, Daniel); Perez-Eijo, L (Perez-Eijo, Lorena); Arias, M (Arias, Marcos); Gonzalez-Valdes, B (Gonzalez-Valdes, Borja); Pino, A (Pino, Antonio); Grajal, J (Grajal, Jesus)

IEEE TRANSACTIONS ON TERAHERTZ SCIENCE AND TECHNOLOGY Volume: 10 Issue: 1 Pages: 58-67 DOI: 10.1109/TTHZ.2019.2952258 Published: JAN 2020

#### [Design and demonstration of a tri-band frequency selective surface for space applications in X, K, and Ka bands](#) – Q4

Abdollahvand, M (Abdollahvand, Mousa); Forooraghi, K (Forooraghi, Keyvan); Encinar, JA (Encinar, Jose A.); Atlasbaf, Z (Atlasbaf, Zahra); Martinez-de-Rioja, E (Martinez-de-Rioja, Eduardo)

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS DOI: 10.1002/mop.32225 Early Access Date: JAN 2020

#### [Parasitics Impact on the Performance of Rectifier Circuits in Sensing RF Energy Harvesting](#) – Q1

Alex-Amor, A (Alex-Amor, Antonio); Moreno-Nunez, J (Moreno-Nunez, Javier); Fernandez-Gonzalez, JM (Fernandez-Gonzalez, Jose M.); Padilla, P (Padilla, Pablo); Esteban, J (Esteban, Jaime)

SENSORS Volume: 19 Issue: 22 Article Number: 4939 DOI: 10.3390/s19224939 Published: NOV 2019

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**Centro de Investigación en Simulación Computacional (CSC)**

[A Characterization of Polynomial Density on Curves via Matrix Algebra](#) – Q1

Escribano, C (Escribano, Carmen); Gonzalo, R (Gonzalo, Raquel); Torrano, E (Torrano, Emilio)

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