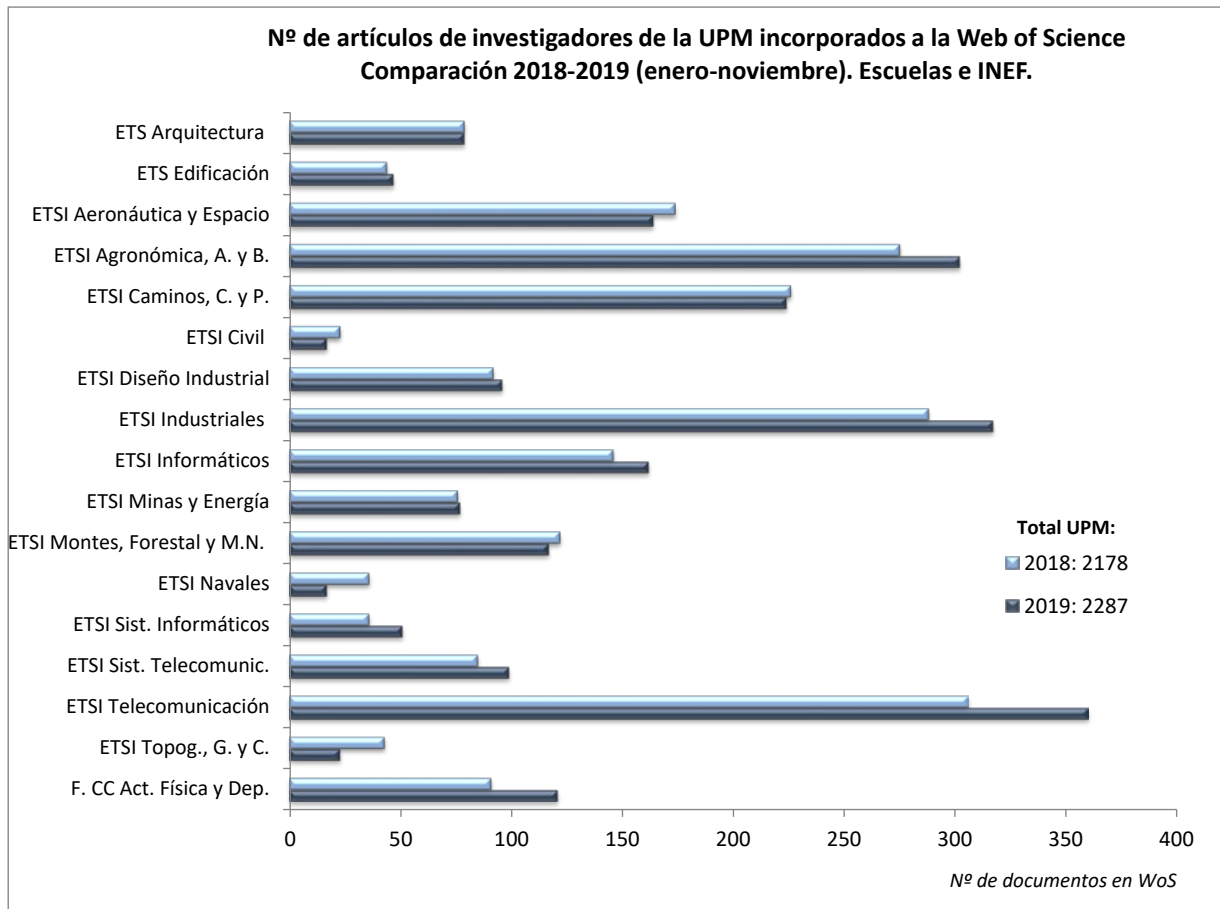


Seguimiento de la producción científica UPM en la Web of Science

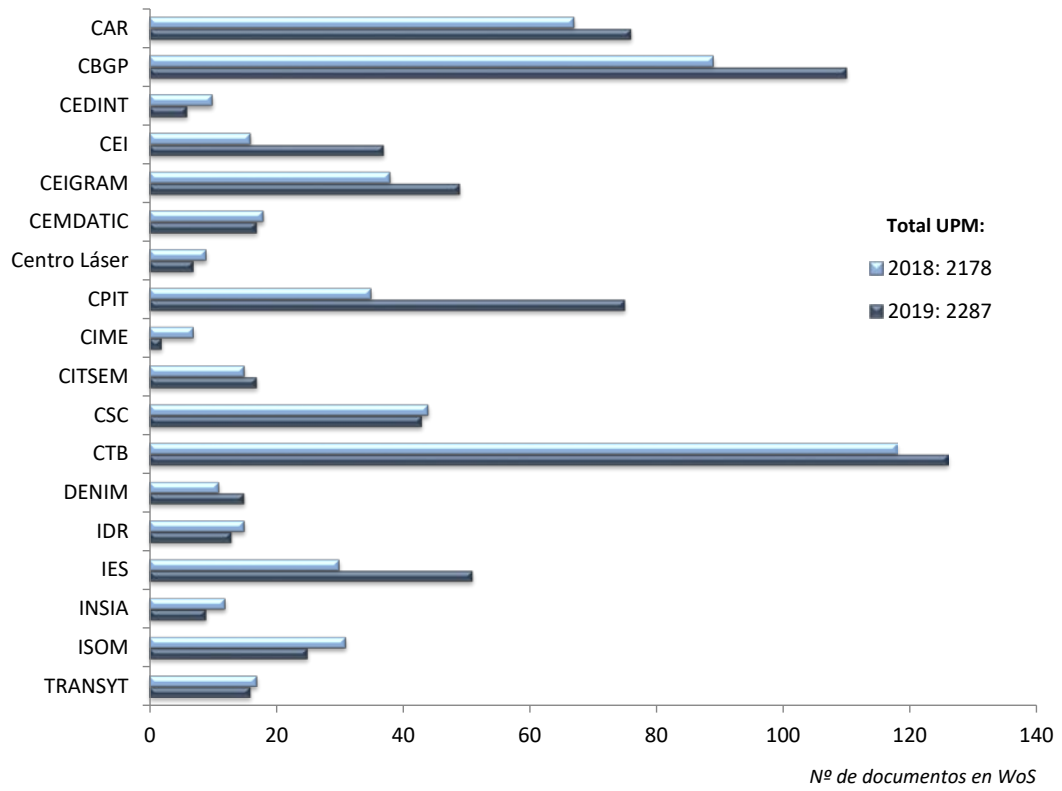
La **Web Of Science (WOS)** es una plataforma de la empresa Clarivate Analytics basada en tecnología web y formada por una amplia colección de bases de datos bibliográficas, citas y referencias de publicaciones científicas de cualquier disciplina del conocimiento –científico, tecnológico, humanístico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

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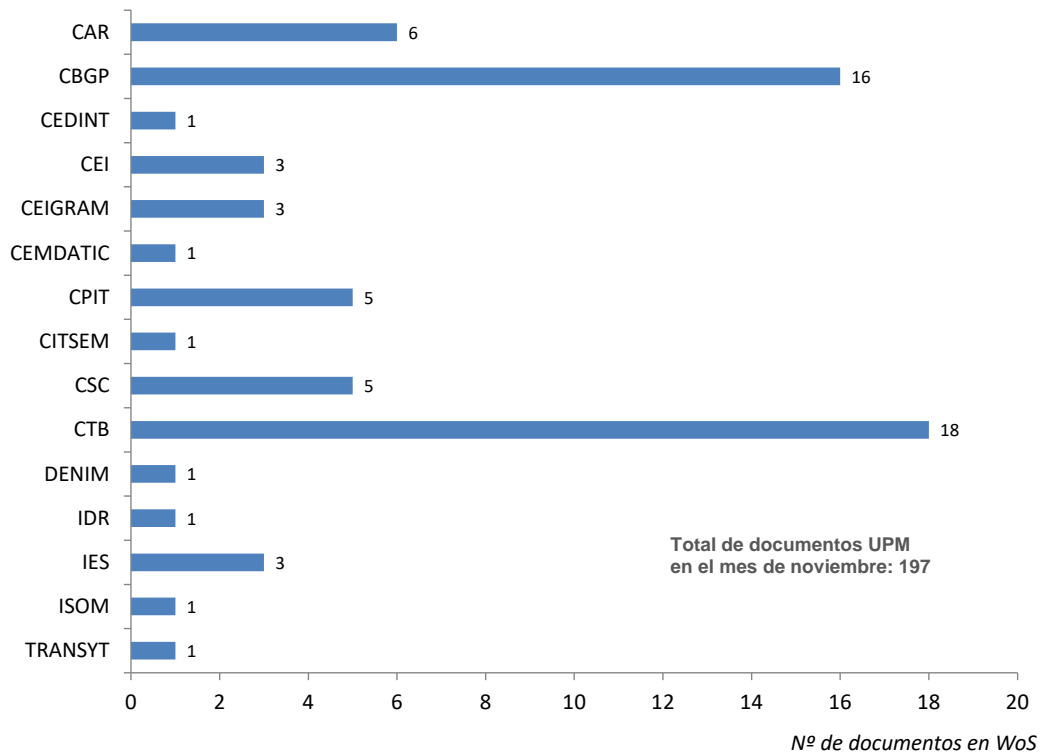
En los gráficos siguientes se presenta la comparativa 2018-2019 de los documentos de investigación de la Universidad Politécnica de Madrid (UPM) dados de alta en la Web of Science (WoS) para los centros docentes y los centros e institutos de I+D+i de la UPM acumulados hasta el mes actual. También, para 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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[MORSE FAMILIES AND DIRAC SYSTEMS](#) – Q4

Linan, MB; Cendra, H; Torano, EG; de Diego, DM

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[Negative Thermal Expansion in Nanostructured Intermediate-Valence YbAl₃](#) – Q3

Echevarria-Bonet, C; Rodriguez, MD; Espeso, JI; Rodriguez, JAB; Orench, IP; Rojas, DP; Fernandez, LR; Fauth, F; Barquin, LF

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[The Driverless Bus: An Analysis of Public Perceptions and Acceptability](#) – Q2

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[Methodology for the subjective evaluation of airborne sound insulation through 2-AC and Thurstonian models](#) – Q2

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Le Clainche, Soledad

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[A Data-Driven ROM Based on HODMD](#)

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[High-order couplings in geometric complex networks of neurons](#) – Q1

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Rodriguez-Sanz, A; Valdes, RA; Comendador, FG; Ayra, ES; Cancela, JC

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[Evaluating FAIR maturity through a scalable, automated, community-governed framework \(vol 6, 174, 2019\)](#) - Q1

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[CULTURE, SOCIETY AND DESIGN ...AS USUAL AS SITTING -](#)

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NEW TRENDS IN EDUCATIONAL ACTIVITY IN THE FIELD OF MECHANISM AND MACHINE THEORY

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[AC Resistance Reduction Using Orthogonal Air Gaps in High Frequency Inductor-](#)

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Marino, Rodrigo; Lanza-Gutierrez, Jose M.; Riesgo, Teresa

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Ospina, Evelyn; Casado, Carmen M.; Alonso, Beatriz; et ál..

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[Stock Price Movement Prediction from Financial News with Deep Learning and Knowledge Graph Embedding](#) –Q4

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[On the role of regional hubs in the environmental sustainability of humanitarian supply chains](#) –Q1

Zarei, Mohammad Hossein; Carrasco-Gallego, Ruth; Ronchi, Stefano

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[Structure of Turnip mosaic virus and its viral-like particles](#) –Q1

Cuesta, Rebeca; Yuste-Calvo, Carmen; Gil-Carton, David; et ál..

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[Boron: an essential element for vascular plants A comment on Lewis \(2019\) 'Boron: the essential element for vascular plants that never was'](#) –Q1

Wimmer, Monika A.; Abreu, Isidro; Bell, Richard W.; et ál..

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[#EUROmicroMOOC: using Twitter to share trends in Microbiology worldwide](#) –Q3

Lopez-Goni, I.; Giner-Lamia, J.; Alvarez-Ordóñez, A.; et ál..

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[Interaction of Alt a 1 with SLC22A17 in the airway mucosa](#) –Q1

Garrido-Arandia, Maria; Tome-Amat, Jaime; Pazos-Castro, Diego; et ál..

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[Inclusion of a Furin Cleavage Site Enhances Antitumor Efficacy against Colorectal Cancer Cells of Ribotoxin alpha-Sarcin- or RNase T1-Based Immunotoxins](#) –Q1

Ruiz-de-la-Herran, Javier; Tome-Amat, Jaime; Lazaro-Gorines, Rodrigo; et ál..

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[One thousand plant transcriptomes and the phylogenomics of green plants](#) –Q1

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[Microvirga tunisiensis sp. nov., a root nodule symbiotic bacterium isolated from *Lupinus micranthus* and *L. luteus* grown in Northern Tunisia](#) – Q2

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[New insights into the sensitization to nonrelated nsLTPs from pollen and food: New role of the allergen Ole e 7](#) – Q1

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[An Integrative Approach to Analyze Seed Germination in Brassica napus](#) – Q1

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[Elongated Flexuous Plant Virus-Derived Nanoparticles Functionalized for Autoantibody Detection](#) – Q1

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Centro de Electrónica Industrial (CEI)

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Li, Cheng; Bouvier, Yann E.; Berrios, Antonio; et ál..

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[AC Resistance Reduction Using Orthogonal Air Gaps in High Frequency Inductor-](#)

Mukherjee, Satyaki; Gao, Yucheng; Ramos, Regina; et ál..

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[Embedding principal component analysis inference in expert sensors for big data applications](#) -Q

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BIG DATA RECOMMENDER SYSTEMS, VOL 2: APPLICATION PARADIGMS

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

[Liquid crystal tunable claddings for polymer integrated optical waveguides](#) – Q2

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Centro Láser

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

[QoE-Aware Dual Control System to Guarantee Battery Lifetime for Mobile Video Applications](#) -Q3

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Centro en Procesado de la Información y Telecomunicaciones (CPIT)

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[Deep learning to enhance maritime situation awareness](#) –

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Centro de Investigación en Simulación Computacional (CSC)

[A Methodology Based on Numerical Simulation to Study River Floods. Application to Lower River Omana Basin](#) –Q4

Martinez-Canto, Raquel; Hidalgo, Arturo

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[ON A PARABOLIC-ODE SYSTEM OF CHEMOTAXIS](#) – Q4

Negreanu, M; Tello, JI

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[Emotion-Driven System for Data Center Management](#) – Q2

Corredera, A; Romero, M; Moya, JM

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[Contact line depinning from sharp edges](#) – Q2

Grana-Otero, J; Fabian, IEP

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[Big and Deep Hype and Hope: On the Special Issue for Deep Learning and Big Data in Healthcare](#) – Q2

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Centro de tecnología Biomédica CTB

[Objective classification of psychomotor laparoscopic skills of surgeons based on three different approaches](#) - Q2

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[An Analysis of Healthcare Use and the Cost Associated to End-of-Life Care of Lung Cancer Patients in a Spanish Hospital](#) –Q1

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[An ICA-based method for stress classification from voice samples](#) –Q1

Palacios, Daniel; Rodellar, Victoria; Lazaro, Carlos; et ál..

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[Applying Data Science methods and tools to unveil healthcare use of lung cancer patients in a teaching hospital in Spain](#)-Q3

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[Big Data Analysis for Personalized Medicine in Lung Cancer Patients](#) –Q1

Torrente, M.; Nunez-Garcia, B.; Franco, F.; et ál..

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[The Effects of a 1-Month Meditation Retreat on Selective Attention Towards Emotional Faces: an Eye-Tracking Study](#) –Q1

Blanco, Ivan; Roca, Pablo; Duque, Almudena; et ál..

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[Static magnetic field stimulation of the supplementary motor area modulates resting-state activity and motor behavior](#) –

Pineda-Pardo, Jose A.; Obeso, Ignacio; Guida, Pasqualina; et ál..

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Pisarchik, Alexander N.; Maksimenko, Vladimir A.; Hramov, Alexander E.

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[Brain-to-brain interface increases efficiency of human-human interaction](#) –

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[Development and implementation of algorithms with diffusion tensor images to evaluate brain connectivity](#)

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[Slow-Wave Activity in the S1HL Cortex Is Contributed by Different Layer-Specific Field Potential Sources during Development](#) – Q1

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[Sensitive interfaces for blind people in virtual visits inside unknown spaces](#) – Q2

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[High-order couplings in geometric complex networks of neurons](#) – Q1

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PHYSICAL REVIEW E

[A thalamocortical pathway for fast rerouting of tactile information to occipital cortex in congenital blindness](#) – Q1

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Instituto de Fusión Nuclear (DENIM)

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

[Cup anemometer measurement errors due to problems in the output signal generator system](#) – Q2

Ramos-Cenzano, A; Ogueta-Gutierrez, M; Pindado, S

FLOW MEASUREMENT AND INSTRUMENTATION

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Instituto de Energía Solar (IES)

[An assessment of the proportional-integral control tuning rules applied to Photovoltaic Irrigation Systems based on Standard Frequency Converters](#) – Q1

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Instituto Universitario de Investigación del Automóvil (INSIA)

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Instituto Universitario de Sistemas Optoelectrónicos y Microtecnología (ISOM)

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Centro de Investigación del Transporte (TRANSYT)

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Delso, J; Martin, B; Ortega, E; Van De Weghe, N

SUSTAINABLE CITIES AND SOCIETY

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