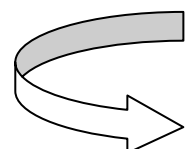
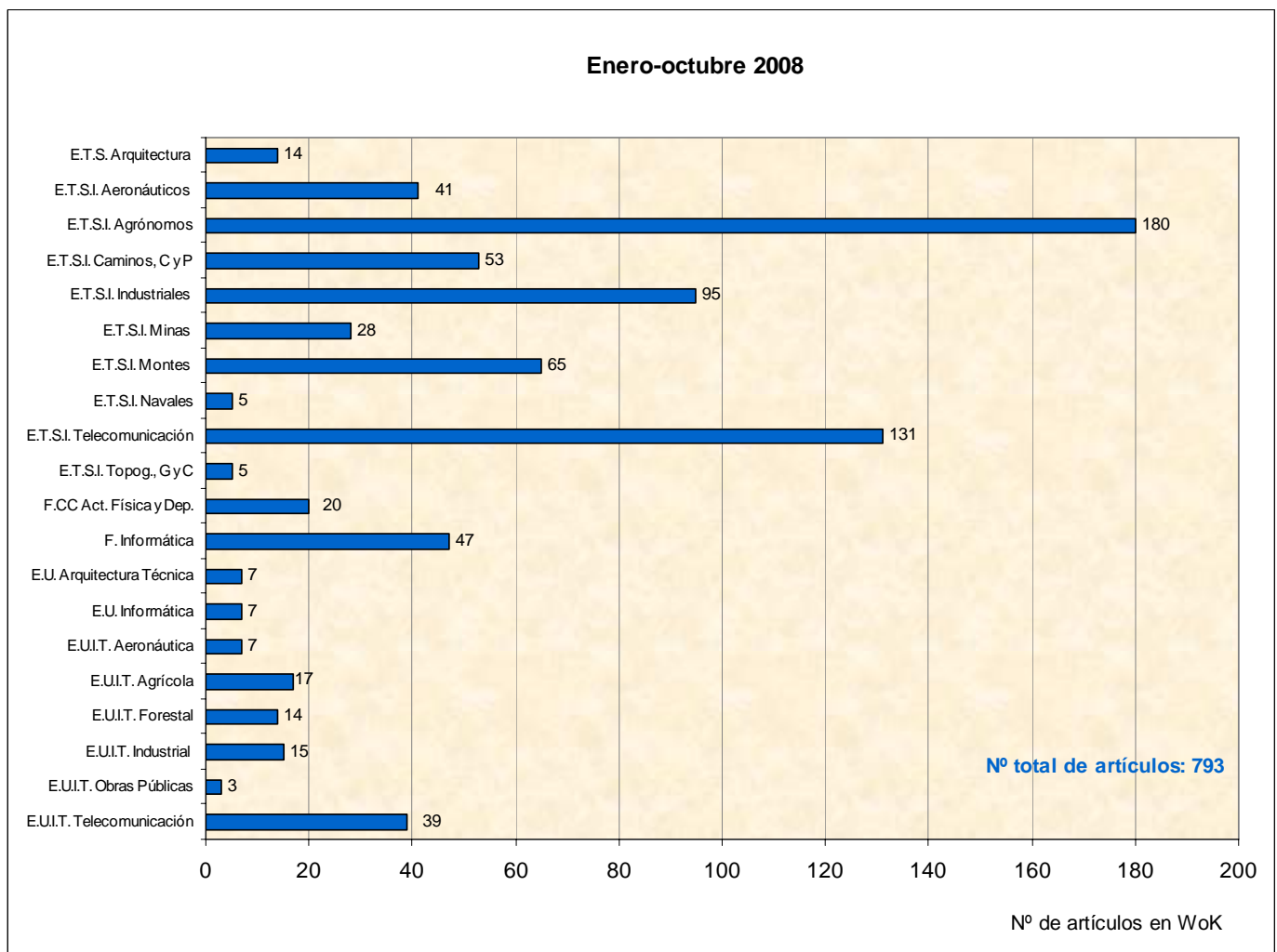


¿Qué es la Web of Knowledge?

- Plataforma basada en tecnología Web, que recoge las **referencias** de las principales **publicaciones científicas** de cualquier disciplina del conocimiento (científico, tecnológico y humanístico) desde 1945.
- **Formada por** colección de BBDD bibliográficas, de citas y referencias de publicaciones de carácter científico y tecnológico.
- **Dirigida a** agentes del sistema español de Ciencia y Tecnología, organismos públicos de investigación, universidades, hospitales, centros tecnológicos, etc.

Nº de artículos de investigadores de la UPM incorporados a la *Web of Knowledge*



Listado de artículos de investigadores de la UPM incorporados a la *Web of Knowledge* en el mes de octubre

5ª semana

ETSI Aeronáuticos

[Turbulent fluctuations above the buffer layer of wall-bounded flows](#)

Jimenez, J; Hoyas, S

JOURNAL OF FLUID MECHANICS 611: 215-236 SEP 25 2008

ETSI Agrónomos

[Germination of fourteen endemic species from the Iberian Peninsula, Canary and Balearic Islands after 32-34 years of storage at low temperature and very low water content](#)

Perez-Garcia, F; Gonzalez-Benito, ME; Gomez-Campo, C

SEED SCIENCE AND TECHNOLOGY 36 (2): 407-422 2008

ETSI Minas

[The coverage factor in a Flatten-Gaussian distribution](#)

Blazquez, J; Garcia-Berrocal, A; Montalvo, C; Balbas, M

METROLOGIA 45 (5): 503-506 OCT 2008

ETSI Telecomunicación

[Aluminum nitride for heatspreading in RF IC's](#)

La Spina, L; Iborra, E; Schellevis, H; Clement, M; Olivares, J; Nanver, LK

SOLID-STATE ELECTRONICS 52 (9): 1359-1363 SEP 2008

EUIT Aeronáutica

[Strictly and asymptotically scale invariant probabilistic models of N correlated binary random variables having q-Gaussians as N -> infinity limiting distributions](#)

Rodriguez, A; Schwammle, V; Tsallis, C

JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT : Art. No. P09006 SEP 2008

EUIT Agrícola

[Germination of fourteen endemic species from the Iberian Peninsula, Canary and Balearic Islands after 32-34 years of storage at low temperature and very low water content](#)

Perez-Garcia, F; Gonzalez-Benito, ME; Gomez-Campo, C

SEED SCIENCE AND TECHNOLOGY 36 (2): 407-422 2008

ETSI Agrónomos

[Semen evaluation of two selected lines of rabbit bucks](#)

Safaa, HM; Vicente, JS; Lavara, R; Viudes, DMP

WORLD RABBIT SCIENCE 16 (3): 141-148 JUL-SEP 2008

[Understanding patient sensitization profiles in complex pollen areas: a molecular epidemiological study](#)

Barber, D; de la Torre, F; Feo, F; Florido, F; Guardia, P; Moreno, C; Quiralte, J; Lombardero, M; Villalba, M; Salcedo, G; Rodriguez, R

ALLERGY 63 (11): 1550-1558 NOV 2008

ETSI Industriales

[Fisher information of special functions and second-order differential equations](#)

Yanez, RJ; Sanchez-Moreno, P; Zarzo, A; Dehesa, JS

JOURNAL OF MATHEMATICAL PHYSICS 49 (8): Art. No. 082104 AUG 2008

ETSI Montes

[Synthetic seed production from encapsulated somatic embryos of cork oak \(*Quercus suber* L.\) and automated growth monitoring](#)

Pintos, B; Bueno, MA; Cuenca, B; Manzanera, JA

PLANT CELL TISSUE AND ORGAN CULTURE 95 (2): 217-225 NOV 2008

[Surface temperature cooling trends and negative radiative forcing due to land use change toward greenhouse farming in southeastern Spain](#)

Campra, P; Garcia, M; Canton, Y; Palacios-Orueta, A

JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES 113 (D18): Art. No. D18109 SEP 23 2008

ETSI Navales

[Interaction between an elastic structure and free-surface flows: experimental versus numerical comparisons using the PFEM](#)

Idelsohn, SR; Marti, J; Souto-Iglesias, A; Onate, E

COMPUTATIONAL MECHANICS 43 (1): 125-132 DEC 2008

ETSI Telecomunicación

[Aperture field reconstruction by calculated cylindrical near field](#)

Boso, AC; Ariet, LD; Besada, JL

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS 50 (11): 2849-2851
NOV 2008

[AlGan/GaN-based saw delay-line oscillators](#)

Grajal, J; Calle, F; Pedros, J; Martinez-Chacon, JL; Jimenez, A

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS 50 (11): 2967-2970
NOV 2008

Facultad de Ciencias de la Actividad Física y del Deporte

[Health-related physical fitness according to chronological and biological age in adolescents. The AVENA study](#)

Ortega, FB; Ruiz, JR; Castillo, MJ; Moreno, LA; Urzanqui, A; Gonzalez-Gross, M; Sjostrom, M; Gutierrez, A

JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS 48 (3): 371-379
SEP 2008

[Game location influences basketball players' performance across playing positions](#)

Sampaio, J; Ibanez, SJ; Gomez, MA; Lorenzo, A; Ortega, E

INTERNATIONAL JOURNAL OF SPORT PSYCHOLOGY 39 (3): 205-216 JUL-
SEP 2008

Facultad de Informática

[The strong property of morphological connected alternated filters](#)

Crespo, J; Maojo, V

JOURNAL OF MATHEMATICAL IMAGING AND VISION 32 (3): 251-263 NOV
2008

3ª semana

ETS Arquitectura

[The ecological rooftops of third generation: an new constructive material](#)

Neila, F; Bedoya, C; Acha, C; Olivieri, F; Barbero, M

INFORMES DE LA CONSTRUCCION 60 (511): 15-24 JUL-SEP 2008

[Optimization of one layer lattice shells](#)

Orta, B

INFORMES DE LA CONSTRUCCION 60 (511): 59-72 JUL-SEP 2008

[2nd Conference on Construction Research \(IETec-CSIC\). Conclusions](#)

Monjo, J; Azorin, V; Oteiza, I; Ponce, M

INFORMES DE LA CONSTRUCCION 60 (511): 75-86 JUL-SEP 2008

ETSI Aeronáuticos

[Topological derivatives for shape reconstruction](#)

Carpio, A; Rapun, ML

INVERSE PROBLEMS AND IMAGING 1943: 85-133 2008

[Numerical study of the start-up process in an optimized rocket nozzle](#)

Morinigo, JA; Salva, JJ

AEROSPACE SCIENCE AND TECHNOLOGY 12 (6): 485-489 SEP 2008

ETSI Agrónomos

[Productive performance and egg quality of brown egg-laying hens in the late phase of production as influenced by level and source of calcium in the diet](#)

Safaa, HM; Serrano, MP; Valencia, DG; Frikha, M; Jimenez-Moreno, E; Mateos, GG

POULTRY SCIENCE 87 (10): 2043-2051 OCT 2008

[Palaeoenvironmental evolution of the Barbate-Trafalgar coast \(Cadiz\) during the last similar to 140 ka: Climate, sea-level interactions and tectonics](#)

Zazo, C; Mercier, N; Lario, J; Roquero, E; Goy, JL; Silva, PG; Cabero, A; Borja, F; Dabrio, CJ; Bardaji, T; Soler, V; Garcia-Blazquez, A; de Luque, L

GEOMORPHOLOGY 100 (1-2): 212-222 Sp. Iss. SI AUG 1 2008

ETSI Caminos, Canales y Puertos

[Geometric detached breakwater indicators on the Spanish northeast coastline](#)

Bricio, L; Negro, V; Diez, JJ

JOURNAL OF COASTAL RESEARCH 24 (5): 1289-1303 SEP 2008

ETSI Montes

[Exogenous phenol increase resistance of Ulmus minor to Dutch elm disease through formation of suberin-like compounds on xylem tissues](#)

Martin, JA; Solla, A; Domingues, MR; Coimbra, MA; Gila, L

ENVIRONMENTAL AND EXPERIMENTAL BOTANY 64 (1): 97-104 SEP 2008

ETSI Telecomunicación

[Frequency notched UWB planar monopole antenna optimization using a finite element method-based approach](#)

Martinez-Fernandez, J; de la Rubia, V; Gil, JM; Zapata, J

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION 56 (9): 2884-2893 SEP 2008

[Finite element analysis of periodic structures without constrained meshes](#)

de la Rubia, V; Zapata, J; Gonzalez, MA

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION 56 (9): 3020-3028
SEP 2008

2ª semana

ETSI Aeronáuticos

[Friction-force model for Maxwellian drifting ions in weakly ionized plasmas](#)

Conde, L; Ibanez, LF; Lambas, J

PHYSICAL REVIEW E 78 (2): Art. No. 026407 Part 2 AUG 2008

ETSI Agrónomos

[Follicular population characteristics of primiparous rabbit does under different reproductive rhythms](#)

Arias-Alvarez, M; Garcia-Garcia, RM; Rebollar, P; Revuelta, L; Lorenzo, PL

REPRODUCTION IN DOMESTIC ANIMALS 43: 59-59 Suppl. 4 OCT 2008

[Estimation of cavitation limits from local head loss coefficient](#)

Sanchez, R; Juana, L; Laguna, FV; Rodriguez-Sinobas, L

JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME 130 (10): Art. No. 101302 OCT 2008

[The short periodic orbit approach for the quantum cat maps](#)

Vergini, EG; Schneider, D; Rivas, AMF

JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 41 (40): Art. No. 405102 OCT 10 2008

ETSI Caminos, Canales y Puertos

[A note on weighted estimates for the Schrodinger operator](#)

Barcelo, JA; Bennett, JM; Carbery, A; Ruiz, A; Vilela, MC

REVISTA MATEMATICA COMPLUTENSE 21 (2): 481-488 2008

[Estimation of cavitation limits from local head loss coefficient](#)

Sanchez, R; Juana, L; Laguna, FV; Rodriguez-Sinobas, L

JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME 130 (10): Art. No. 101302 OCT 2008

[Determination of the bilinear stress-crack opening curve for normal- and high-strength concrete](#)

Fathy, AM; Sanz, B; Sancho, JM; Planas, J

FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES 31 (7): 539-548 JUL 2008

[The inhomogeneous PME in several space dimensions. Existence and uniqueness of finite energy solutions](#)

Reyes, G; Vazquez, JL

COMMUNICATIONS ON PURE AND APPLIED ANALYSIS 7 (6): 1275-1294 NOV 2008

ETSI Industriales

[The automatic generation of transshipment plans for a train-train terminal: Application to the Spanish-French border](#)

Gonzalez, JA; Ponce, E; Mataix, C; Carrasco, J

TRANSPORTATION PLANNING AND TECHNOLOGY 31 (5): 545-567 2008

[Analysis and comparison of acoustic insulation in dwellings and buildings, recently build](#)

Marin, LGM; Lopez, MR

REVISTA DE LA CONSTRUCCION 7 (1): 20-26 AUG 2008

[RAPCAL code: A flexible package to compute radiative properties for optically thin and thick low and high-Z plasmas in a wide range of density and temperature](#)

Rodriguez, R; Florido, R; Gll, JM; Rubiano, JG; Martel, P; Minguéz, E

LASER AND PARTICLE BEAMS 26 (3): 433-448 SEP 2008

[Derivative and factorization of holomorphic functions](#)

Bombal, F; Gutierrez, JM; Villanueva, I

JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS 348 (1): 444-453 DEC 1 2008

[Improving detection of surface discontinuities in visual-force control systems](#)

Pomares, J; Gil, P; Garcia, GJ; Sebastian, JM; Torres, F

IMAGE AND VISION COMPUTING 26 (10): 1435-1447 OCT 1 2008

ETSI Minas

[Multivariate analysis of contamination in the mining district of Linares \(Jaen, Spain\)](#)

Lopez, JM; Borrajo, JL; Garcia, ED; Arrans, JR; Estevez, MCH; Castillo, AJS

APPLIED GEOCHEMISTRY 23 (8): 2324-2336 AUG 2008

ETSI Montes

[The Late Holocene extinction of *Pinus sylvestris* in the western Cantabrian Range \(Spain\)](#)

Rubiales, JM; Garcia-Amorena, I; Alvarez, SG; Manzanque, FG

JOURNAL OF BIOGEOGRAPHY 35 (10): 1840-1850 OCT 2008

ETSI Telecomunicación

[Solar simulator for concentrator photovoltaic Systems](#)

Dominguez, C; Anton, I; Sala, G

OPTICS EXPRESS 16 (19): 14894-14901 SEP 15 2008

EUIT Telecomunicación

[Solar simulator for concentrator photovoltaic Systems](#)

Dominguez, C; Anton, I; Sala, G

OPTICS EXPRESS 16 (19): 14894-14901 SEP 15 2008

ETSI Agrónomos

[Repression of the auxin response pathway increases Arabidopsis susceptibility to necrotrophic fungi](#)

Llorente, F; Muskett, P; Sanchez-Vallet, A; Lopez, G; Ramos, B; Sanchez-Rodriguez, C; Jorda, L; Parker, J; Molina, A

MOLECULAR PLANT 1 (3): 496-509 MAY 2008

[Shadow analysis: A method for measuring soil surface roughness](#)

Moreno, RG; Requejo, AS; Alonso, AMT; Barrington, S; Diaz, MC

GEODERMA 146 (1-2): 201-208 JUL 31 2008

[A multicriteria assessment model for evaluating driving route networks](#)

Cazorla, A; Rios, IDL; Merino, J; Alier, JL

BIOSYSTEMS ENGINEERING 100 (4): 601-611 AUG 2008

ETSI Caminos, Canales y Puertos

[Cohesive crack model for mixed mode fracture of brick masonry](#)

Reyes, E; Casati, MJ; Galvez, JC

INTERNATIONAL JOURNAL OF FRACTURE 151 (1): 29-55 MAY 2008

[Catalytic hydrotreatment of crude waxes from different sources over a Ni-W/-Al₂O₃ catalyst](#)

Sanchez, J; Tallafigo, MF; Gilarranz, MA; Rodriguez, F

INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH 47 (18): 6854-6861
SEP 17 2008

ETSI Minas

[Catalytic hydrotreatment of crude waxes from different sources over a Ni-W/-Al₂O₃ catalyst](#)

Sanchez, J; Tallafigo, MF; Gilarranz, MA; Rodriguez, F

INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH 47 (18): 6854-6861
SEP 17 2008

ETSI Montes

[A comparison of quantum and quasiclassical statistical models for reactions of electronically excited atoms with molecular hydrogen](#)

Aoiz, FJ; Gonzalez-Lezana, T; Rabanos, VS

JOURNAL OF CHEMICAL PHYSICS 129 (9): Art. No. 094305 SEP 7 2008

[Interactive responses of Quercus suber L. seedlings to light and mild water stress: effects on morphology and gas exchange traits](#)

Puertolas, J; Pardos, M; Jimenez, MD; Aranda, I; Pardos, JA

ANNALS OF FOREST SCIENCE 65 (6): Art. No. 611 SEP 2008

ETSI Telecomunicación

[A model for adapting 3D graphics based on scalable coding, real-time simplification and remote rendering](#)

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

VISUAL COMPUTER 24 (10): 881-888 OCT 2008

[An autonomic approach to offer services in OSGi-based home gateways](#)

de Vergara, JEL; Villagra, VA; Fadon, C; Gonzalez, JM; Lozano, JA; Alvarez-Campana, M

COMPUTER COMMUNICATIONS 31 (13): 3049-3058 AUG 15 2008

[Structural properties of GaAsN/GaAs quantum wells studied at the atomic scale by cross-sectional scanning tunneling microscopy](#)

Ulloa, JM; Koenraad, PM; Hopkinson, M

APPLIED PHYSICS LETTERS 93 (8): Art. No. 083103 AUG 25 2008

[Hybrid refractive-diffractive-gradient-index superresolving focusing device](#)

Rivas-Moscoso, JM; Fernandez-Pousa, CR; Gomez-Reino, C

APPLIED OPTICS 47 (22): E68-E75 AUG 1 2008

EUIT Aeronáutica

[Cohesive crack model for mixed mode fracture of brick masonry](#)

Reyes, E; Casati, MJ; Galvez, JC

INTERNATIONAL JOURNAL OF FRACTURE 151 (1): 29-55 MAY 2008