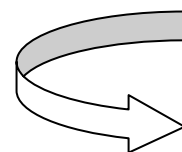
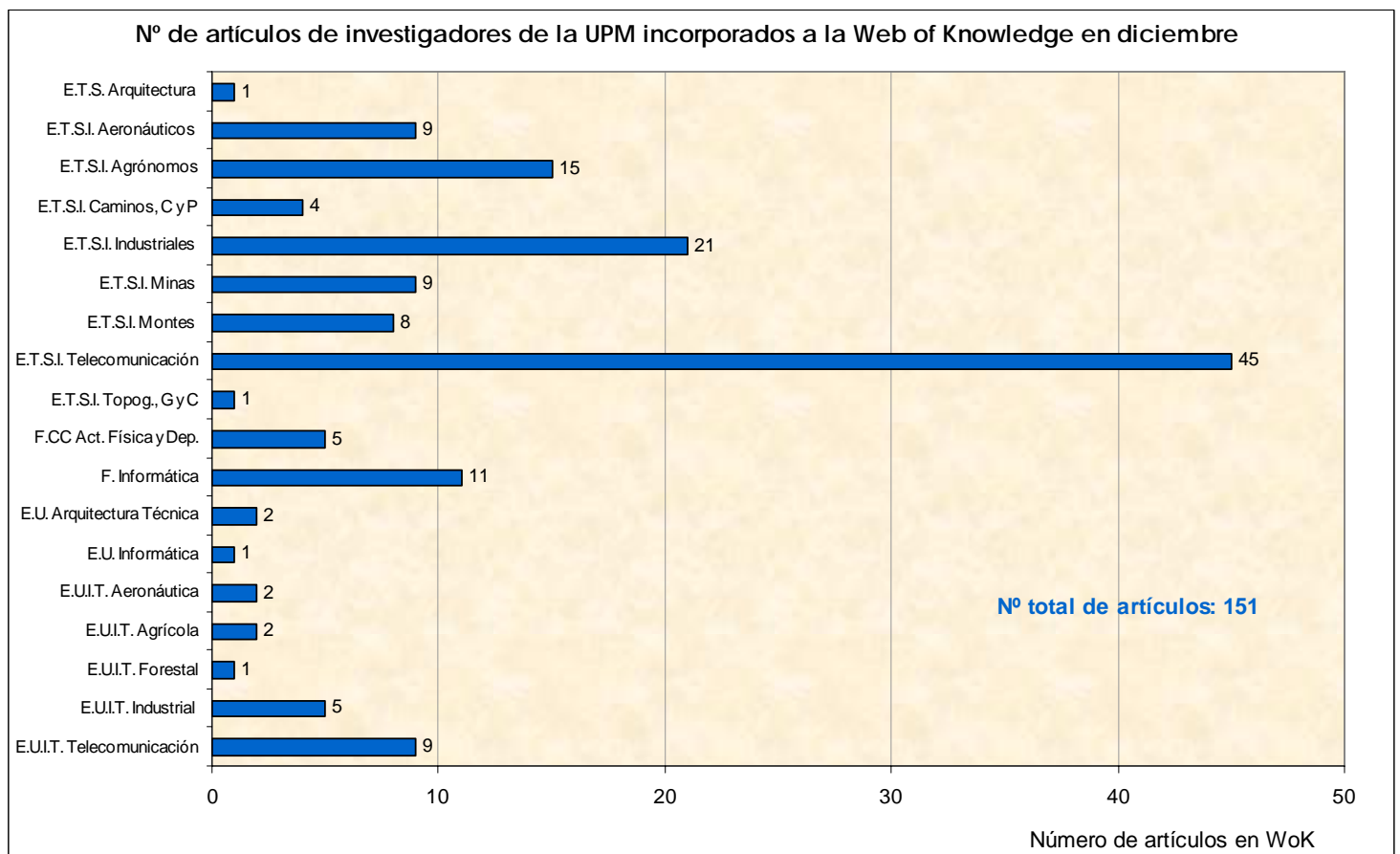


¿Qué es la Web of Knowledge?

- 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.

Artículos 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 diciembre

4^a y 5^a semana

ETSI Aeronáuticos

[Two-Dimensional Electron Model for a Hybrid Code of a Two-Stage Hall Thruster](#)

Escobar, D; Ahedo, E

IEEE TRANSACTIONS ON PLASMA SCIENCE 36 (5): 2043-2057 Part 1 OCT 2008

[Electrodynamic Tether at Jupiter-I: Capture Operation and Constraints](#)

Sanmartin, JR; Charro, M; Lorenzini, EC; Garrett, HB; Bombardelli, C; Bramanti, C

IEEE TRANSACTIONS ON PLASMA SCIENCE 36 (5): 2450-2458 Part 2 OCT 2008

[Bare-Tether Sheath and Current: Comparison of Asymptotic Theory and Kinetic Simulations in Stationary Plasma](#)

Sanmartin, JR; Choiniere, E; Gilchrist, BE; Ferry, JB; Martinez-Sanchez, M

IEEE TRANSACTIONS ON PLASMA SCIENCE 36 (5): 2851-2858 Part 4 OCT 2008

ETSI Agrónomos

[Apparent Ileal Digestibility of Energy, Nitrogen, and Amino Acids of Soybean Meals of Different Origin in Broilers](#)

de Coca-Sinova, A; Valencia, DG; Jimenez-Moreno, E; Lazaro, R; Mateos, GG

POULTRY SCIENCE 87 (12): 2613-2623 DEC 2008

[Improved somatic embryogenesis of grapevine \(*Vitis vinifera*\) with focus on induction parameters and efficient plant regeneration](#)

Vidal, J; Rama, J; Taboada, L; Martin, C; Ibanez, M; Segura, A; Gonzalez-Benito, ME

PLANT CELL TISSUE AND ORGAN CULTURE 96 (1): 85-94 JAN 2009

[On the effect of memory in one-dimensional K=4 automata on networks](#)

Alonso-Sanz, R; Cardenas, JP

PHYSICA D-NONLINEAR PHENOMENA 237 (23): 3099-3108 DEC 1 2008

[Dietary vitamin A concentration alters fatty acid composition in pigs](#)

Olivares, A; Daza, A; Rey, AI; Lopez-Bote, CJ

MEAT SCIENCE 81 (2): 295-299 FEB 2009

[Molecular profiles: A new tool to substantiate serum banks for evaluation of potential allergenicity of GMO](#)

Barber, D; Rodriguez, R; Salcedo, G

FOOD AND CHEMICAL TOXICOLOGY 46 (10): S35-S40 Suppl. S OCT 2008

[Influence of micronization \(fine grinding\) of soya bean meal and fullfat soya bean on productive performance and digestive traits in young pigs](#)

Valencia, DG; Serrano, MP; Lazaro, R; Latorre, MA; Mateos, GG

ANIMAL FEED SCIENCE AND TECHNOLOGY 147 (4): 340-356 DEC 15 2008

ETSI Caminos, Canales y Puertos

[Revising a Geodesy and Cartography Engineering Curriculum](#)

Castro, M; Iglesias, L; Rodriguez-Solano, R; Sanchez, JÁ

INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION 24 (6): 1180-1190
2008

[Topological mesh for shell structures](#)

Jurado-Pina, R; Gil-Martin, LM; Hernandez-Montes, E

APPLIED MATHEMATICAL MODELLING 33 (2): 948-958 FEB 2009

ETSI Industriales

[Aluminium foams. Manufacture, properties and applications](#)

Gutierrez-Vazquez, JA; Onoro, J

REVISTA DE METALURGIA 44 (5): 457-476 SEP-OCT 2008

[Slot-waveguide biochemical sensor \(vol 32, pg 2080, 2007\)](#)

Barrios, CA; Gylfason, KB; Sanchez, B; Griol, A; Sohlstrom, H; Holgado, M; Casquel, R

OPTICS LETTERS 33 (21): 2554-2555 NOV 1 2008

[Stereoscopic Human Interfaces Advanced Telerobotic Applications for Telemanipulation](#)

Ferre, M; Aracil, R; Sanchez-Uran, MA

IEEE ROBOTICS & AUTOMATION MAGAZINE 15 (4): 50-57 DEC 2008

[A fully continuous individual-based model of tumor cell evolution](#)

Gomez-Mourelo, P; Sanchez, E; Casasus, L; Webb, GF

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[A comprehensive sensitivity analysis of the WRF model for air quality applications over the Iberian Peninsula](#)

Borge, R; Alexandrov, V; del Vas, JJ; Lumbreras, J; Rodriguez, E

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[Numerical computation of in-plane displacements and their detection in the near field by double-exposure objective speckle photography](#)

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[Free-space delay lines and resonances with ultraslow pulsed Bessel beams](#)

Zapata-Rodriguez, CJ; Porras, MA; Miret, JJ

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[ADER finite volume schemes for nonlinear reaction-diffusion equations](#)

Toro, EF; Hidalgo, A

APPLIED NUMERICAL MATHEMATICS 59 (1): 73-100 JAN 2009

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[epsilon-connectedness, finite approximations, shape theory and coarse graining in hyperspaces](#)

Alonso-Moron, M; Cuchillo-Ibanez, E; Luzon, A

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[Physical habitat simulation in a stretch of the Lozoya River using the PHABSIM system](#)

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[Sorption and thermodynamic properties of juvenile Pinus sylvestris L. wood after 103 years of submersion](#)

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[Special Issue on Iberian Languages](#)

Trancoso, I; Becerra-Yoma, N; Barbosa, P; San-Segundo, R; Paliwal, K

SPEECH COMMUNICATION 50 (11-12): 872-873 NOV-DEC 2008

[Speech to sign language translation system for Spanish](#)

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[Design of an ultrafast all-optical differentiator based on a fiber Bragg grating in transmission](#)

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[Slot-waveguide biochemical sensor \(vol 32, pg 2080, 2007\)](#)

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[High-efficiency free-form condenser overcoming rotational symmetry limitations](#)

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[2R-Regeneration in a monolithically integrated four-section SOA-EA chip](#)

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[A Nanowatt Smart Temperature Sensor for Dynamic Thermal Management](#)

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[Nanostructures with Group IV Nanocrystals Obtained by LPCVD and Thermal Annealing of SiGeO Layers](#)

Morana, B; Rodriguez, A; Sangrador, J; Rodriguez, T; Martinez, O; Jimenez, J; Kling, A

AMORPHOUS AND POLYCRYSTALLINE THIN-FILM SILICON SCIENCE AND TECHNOLOGY-2008 1066: 193-198 2008

[A Wideband OFDM MIMO Measurement System for Antenna Evaluation](#)

Mora-Cuevas, J; Gomez-Calero, C; Cuelar, L; de Haro, L

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[Electrical and mechanical uncertainty study in cylindrical near field antenna measurement systems](#)

Burgos, S; Martin, F; Sierra-Castaner, M; Besada, JL

2008 IEEE ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM, VOLS 1-9 : 560-563 2008

[Optimized profile planar UWB monopole antenna for optimal adaptation](#)

Martinez-Fernandez, J; Gil, JM; Zapata, J

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[Influence of Array Configuration on MIMO Channel Capacity](#)

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[DOA MEASUREMENTS ON INDOOR CHANNEL BASED ON MUSIC AND MDL PROCESSING](#)

Kurdi, Y; de Haro, L

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[WIND FARMING INTERFERENCE EFFECTS](#)

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[Antenna and Wireless Multipath Virtual Channel Interaction](#)

Morales, ELM; Ramirez, OER; Arriet, LH

2007 ASIA PACIFIC MICROWAVE CONFERENCE, VOLS 1-5 : 1522-1524 2007

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[Stochastic optimization for the calculation of the time dependency of the physiological demand during exercise and recovery](#)

Zakynthinaki, MS; Stirling, JR

COMPUTER PHYSICS COMMUNICATIONS 179 (12): 888-894 DEC 15 2008

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[Content and media categorization in bibliographic description: the "general material designation" \(GMD\) and its past, present and future in the digital age](#)

Chiverto, DS

REVISTA ESPANOLA DE DOCUMENTACION CIENTIFICA 31 (4): 527-551
OCT-DEC 2008

[Complex high order Toda and Volterra lattices](#)

Rolania, DB; Branquinho, A

JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS 15 (2): 197-213
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[Process Deployment in a Multi-site CMMI Level 3 Organization: A Case Study](#)

Sussy, BL; Antonio, CMJ; Gonzalo, C; Tomas, SF; Angel, S

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EUIT Aeronáutica

[An efficient procedure to obtain exact solutions in random vibration analysis of linear structures](#)

de la Fuente, E

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EUIT Agrícola

[Improved somatic embryogenesis of grapevine \(Vitis vinifera\) with focus on induction parameters and efficient plant regeneration](#)

Vidal, J; Rama, J; Taboada, L; Martin, C; Ibanez, M; Segura, A; Gonzalez-Benito, ME

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[Revising a Geodesy and Cartography Engineering Curriculum](#)

Castro, M; Iglesias, L; Rodriguez-Solano, R; Sanchez, JÁ

INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION 24 (6): 1180-1190
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[Response spectra for the deep sediment-filled Rhone Valley in the Swiss Alps](#)

Havenith, HB; Fah, D; Alvarez-Rubio, S; Roten, D

SOIL DYNAMICS AND EARTHQUAKE ENGINEERING 29 (1): 17-38 JAN 2009

[Stereoscopic Human Interfaces Advanced Telerobotic Applications for Telemanipulation](#)

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3ª semana

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[Reynolds stress closure for nonequilibrium effects in turbulent flows](#)

Merzari, E; Wang, S; Ninokata, H; Theofilis, V

PHYSICS OF FLUIDS 20 (11): Art. No. 114104 NOV 2008

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[Expression patterns within the Arabidopsis C/S1 bZIP transcription factor network: availability of heterodimerization partners controls gene expression during stress response and development](#)

Weltmeier, F; Rahmani, F; Ehlert, A; Dietrich, K; Schutze, K; Wang, X; Chaban, C; Hanson, J; Teige, M; Harter, K; Vicente-Carbajosa, J; Smeekens, S; Droge-Laser, W

PLANT MOLECULAR BIOLOGY 69 (1-2): 107-119 JAN 2009

[Estimation of the Effective Number of Founders That Initiate an Infection after Aphid Transmission of a Multipartite Plant Virus](#)

Betancourt, M; Fereres, A; Fraile, A; Garcia-Arenal, F

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[Effect of Root-promoting Products in the Propagation of Organic Olive \(Olea europaea L. cv. Cornicabra\) Nursery Plants](#)

Centeno, A; Gomez-del-Campo, M

HORTSCIENCE 43 (7): 2066-2069 DEC 2008

ETSI Caminos, Canales y Puertos

[Surface Modification of Al₂O₃-ZrO₂\(Y₂O₃\) Eutectic Oxides by Laser Melting: Processing and Wear Resistance](#)

Ester, FJ; Merino, RI; Pastor, JY; Martin, A; Llorca, J

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[Top-down methodology employing hardware description languages \(HDLs\) for designing digital control in power converters](#)

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PROCEEDINGS OF THE 11TH IEEE INTERNATIONAL CONFERENCE ON POWER ELECTRONICS : 133-137 2008

[Modeling and simulation requirements for the analysis and design of DC distributed power electronic systems](#)

Oliver, JA; Prieto, R; Laguna, L; Cobos, JÁ

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[A Parameterization Tool for Power Electronics Design at System level](#)

Prieto, R; Laguna, L; Oliver, J; Cobos, J

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ETSI Minas

[Geochemistry, geochronology and mineralisation potential of the granites in the Central Iberian Zone: The Jalama batholith](#)

Ruiz, C; Fernandez-Leyva, C; Locutura, J

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ETSI Montes

[Short Note: Root Restriction Hindered Early Allometric Differentiation Between Seedlings of Two Provenances of Canary Island Pine](#)

Climent, J; Alonso, J; Gil, L

SILVAE GENETICA 57 (4-5): 187-193 2008

[Effect of Sphaerosporella brunnea mycorrhizas on mycorrhization of Quercus ilex x Tuber melanosporum](#)

Garcia-Montero, LG; Di Massimo, G; Manjon, JL; Garcia-Canete, J

NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE 36 (3): 153-158 SEP 2008

ETSI Telecomunicación

[An Open Localization and Local Communication Embodied Sensor](#)

Gutierrez, A; Campo, A; Dorigo, M; Amor, D; Magdalena, L; Monasterio-Huelin, F

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[Theoretical Study of Several Oscillator Strengths and Lifetimes of Germanium, Thallium and Bismuth. Measures of Some Relative Transition Probabilities](#)

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[VARIM: A Computer Vision System for the Automatic Creation of High Resolution Reflectographic Mosaics](#)

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[User-centered system to manage Heart Failure in a mobile environment](#)

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[The 7 June 2007 mb\(Lg\) 4.2 Escopete Earthquake: An Event with Significant Ground Motion in a Stable Zone \(Central Iberian Peninsula\)](#)

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[Computing shortest heterochromatic monotone routes](#)

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[Public health development in the Baltic countries \(1992-2005\): from problems to policy](#)

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[Effect of Root-promoting Products in the Propagation of Organic Olive \(*Olea europaea* L. cv. Cornicabra\) Nursery Plants](#)

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EUIT Industrial

[Theoretical Study of Several Oscillator Strengths and Lifetimes of Germanium, Thallium and Bismuth. Measures of Some Relative Transition Probabilities](#)

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[Visualization study of the influence of parapets on the flow around a train vehicle under cross winds](#)

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[Genetic Diversity and Structure of the Endangered *Betula pendula* subsp *fontqueri* Populations in the South of Spain](#)

Martin, C; Parra, T; Clemente-Munoz, M; Hernandez-Bermejo, E

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[Simultaneous Reflectivity, Ellipsometry and Spectrometry Measurements in Submicron Structures for Liquid Sensing](#)

Holgado, M; Casquel, R; Molpeceres, C; Morales, M; Ocana, JL

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[A new tool for railway planning and line management](#)

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[Improvement of a railway planning tool using Genetic Algorithms](#)

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[Technical development at the 2TRAIN project](#)

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[The new driving and faults solving simulator for the Madrid light rail system](#)

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[From desert to cloud forest: the non-trivial phenotypic variation of Canary Island pine needles](#)

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[Description of Tuber malenconii mycorrhizae and a comparison with mycorrhizae of T. aestivum and T. mesentericum](#)

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[Growth of Nitrogen-Doped Mg_xZn_{1-x}O for Use in Visible Rejection Photodetectors](#)

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[Effect of the growth temperature and the AlN mole fraction on In incorporation and properties of quaternary III-nitride layers grown by molecular beam epitaxy](#)

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[Improved Sequential Stopping Rule for Monte Carlo Simulation](#)

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