

Autors més prolífics

Campus del Baix

Llobregat (CBL) - 2011



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INTRODUCCIÓ

S'inclouen el 30% de les publicacions científiques (articles i participacions a congressos) publicades l'any 2011 per autors de: CTTC, EETAC, ESAB, ICFO, i Ide

De cada autor es referencien les seves publicacions, siguin articles o participacions en congressos. En el cas dels articles s'especifica: el factor d'impacte i el quartil i en el cas dels congressos s'indica si són [notables per la UPC](#).

Pels autors s'indica l'índex h.

Factor d'impacte: relació entre les cites rebudes i articles publicats en els 2 anys anterior.

Quartil¹: un cop ordenades les revistes d'una determinada matèria pel factor d'impacte és divideixen en 4 parts. El quartil serveix per saber la importància relativa de la revista.

Factor d'immediatesa: relació entre els articles i les vegades que son citats en el mateix any de ser publicats.

Index h^2 : mesura la qualitat dels autors en funció dels cops que han estat citats els seus articles. A diferència del Factor d'impacte, te en compte l'article i no la revista.

Font: SCOPUS, JCR I DRAC

¹ En els casos en que la revista està indexada a més d'una categoria s'ha escollit la categoria en la que està més ben posicionada. Per tant en funció de la matèria el quartil pot canviar.

² http://images.webofknowledge.com/WOK45/help/WOS/h_citationrpt.html



Autors
més prolífics



CTTC

Casellas, Ramon

13 articles

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- Bukva, A., Casellas, R., Martínez, R., & Muñoz, R. (2011). [A dynamic on-line path computation algorithm for VNT configuration in GMPLS controlled multi-layer \(Ethernet/WSO\) network](#). *2011 IEEE 12th International Conference on High Performance Switching and Routing, HPSR 2011*, 209-214. **(Notable per la UPC)**
- Bukva, A., Casellas, R., Martínez, R., & Muñoz, R. (2011). [Enhanced dynamic VNT configuration in GMPLS controlled ethernet over WSON with timer-based lightpath holding time](#). *International Conference on Transparent Optical Networks*. **(Notable per la UPC)**
- Casellas, R., Muñoz, R., & Martínez, R. (2011). [Lab trial of multi-domain path computation in GMPLS controlled WSON using a hierarchical PCE](#). *2011 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference, OFC/NFOEC 2011*. **(Notable per la UPC)**
- Liu, L., Casellas, R., Tsuritani, T., Morita, I., Martínez, R., & Muñoz, R. (2011). [Lab trial of PCE-based OSNR-aware dynamic restoration in multi-domain GMPLS-enabled translucent WSON](#). *European Conference on Optical Communication, ECOC*. **(Notable per la UPC)**
- Liu, L., Tsuritani, T., Casellas, R., Martínez, R., Muñoz, R., Tsurusawa, M., & Morita, I. (2011). [Experimental assessment of a resilient PCE/GMPLS controlled translucent wavelength switched optical network](#). *IEICE Transactions on Communications, E94-B(7)*, 1831-1844. **Factor Impacte 0.301** (Q4). **Índex d'immediatesa 0.033**
- Martínez, R., Casellas, R., & Muñoz, R. (2011). [Lab trial of a GMPLS controlled MPLS-TP packet transport network with source/PCE path computations](#). *European Conference on Optical Communication, ECOC*. **(Notable per la UPC)**
- Martínez, R., Casellas, R., Muñoz, R., García-Manrubia, B., Pavón-Marino, P., Klinkowski, M., & Careglio, D. (2011). [Experimental study on the impact of regenerator placement strategies when dynamically provisioning in translucent GMPLS WSON networks](#). *2011 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference, OFC/NFOEC 2011*. **(Notable per la UPC)**
- Martínez, R., Casellas, R., Muñoz, R., & Vilalta, R. (2011). [Requirements and enhancements for the evolution of the GMPLS control plane of the ADRENALINE testbed to support multi-layer \(MPLS-TP/WSO\) capabilities](#). *International Conference on Transparent Optical Networks*. **(Notable per la UPC)**
- Muñoz, R., Casellas, R., & Martínez, R. (2011). [Dynamic distributed spectrum allocation in GMPLS-controlled elastic optical networks](#). *European Conference on Optical Communication, ECOC*. **(Notable per la UPC)**
- Muñoz, R., Casellas, R., Martínez, R., Tornatore, M., & Pattavina, A. (2011). [An experimental study on the effects of outdated control information in GMPLS-controlled](#)



[WSON for shared path protection.](#) *ONDM 2011 - 15th Conference on Optical Network Design and Modeling. (Notable per la UPC)*

- Muñoz, R., Casellas, R., Martínez, R., Vilalta, R., Vilchez, J., & Vázquez, J. (2011). [Virtualizing ADRENALINE testbed for deploying dynamic GMPLS-controlled WSON as a service.](#) *2011 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference, OFC/NFOEC 2011. (Notable per la UPC)*
- Pagès, A., Casellas, R., Perelló, J., Martínez, R., Spadaro, S., & Muñoz, R. (2011). [Experimental evaluation of a full-meshed domain abstraction design model for reduced state information dissemination in multi-domain PCE-based WSONs.](#) *European Conference on Optical Communication, ECOC. (Notable per la UPC)*
- Vilalta, R., Muñoz, R., Casellas, R., & Martínez, R. (2011). [Design and performance evaluation of a GMPLS-enabled MPLS-TP/PWE3 node with integrated 10Gbps tunable DWDM transponders.](#) *2011 IEEE 12th International Conference on High Performance Switching and Routing, HPSR 2011, 236-241. (Notable per la UPC)*

Martínez, Ricardo

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- Bukva, A., Casellas, R., Martínez, R., & Muñoz, R. (2011). [A dynamic on-line path computation algorithm for VNT configuration in GMPLS controlled multi-layer \(Ethernet/WSO\) network.](#) *2011 IEEE 12th International Conference on High Performance Switching and Routing, HPSR 2011, 209-214. (Notable per la UPC)*
- Bukva, A., Casellas, R., Martínez, R., & Muñoz, R. (2011). [Enhanced dynamic VNT configuration in GMPLS controlled ethernet over WSON with timer-based lightpath holding time.](#) *International Conference on Transparent Optical Networks. (Notable per la UPC)*
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- Martínez, R., Casellas, R., & Muñoz, R. (2011). [Lab trial of a GMPLS controlled MPLS-TP packet transport network with source/PCE path computations.](#) *European Conference on Optical Communication, ECOC. (Notable per la UPC)*
- Martínez, R., Casellas, R., Muñoz, R., García-Manrubia, B., Pavón-Marino, P., Klinkowski, M., & Careglio, D. (2011). [Experimental study on the impact of regenerator placement strategies when dynamically provisioning in translucent GMPLS WSON](#)



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- Martínez, R., Casellas, R., Muñoz, R., & Vilalta, R. (2011). [Requirements and enhancements for the evolution of the GMPLS control plane of the ADRENALINE testbed to support multi-layer \(MPLS-TP/WSON\) capabilities](#). *International Conference on Transparent Optical Networks. (Notable per la UPC)*
 - Muñoz, R., Casellas, R., & Martínez, R. (2011). [Dynamic distributed spectrum allocation in GMPLS-controlled elastic optical networks](#). *European Conference on Optical Communication, ECOC. (Notable per la UPC)*
 - Muñoz, R., Casellas, R., Martínez, R., Tornatore, M., & Pattavina, A. (2011). [An experimental study on the effects of outdated control information in GMPLS-controlled WSON for shared path protection](#). *ONDM 2011 - 15th Conference on Optical Network Design and Modeling. (Notable per la UPC)*
 - Muñoz, R., Casellas, R., Martínez, R., Vilalta, R., Vílchez, J., & Vázquez, J. (2011). [Virtualizing ADRENALINE testbed for deploying dynamic GMPLS-controlled WSON as a service](#). *2011 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference, OFC/NFOEC 2011. (Notable per la UPC)*
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Muñoz, Raül

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- Bukva, A., Casellas, R., Martínez, R., & Muñoz, R. (2011). [A dynamic on-line path computation algorithm for VNT configuration in GMPLS controlled multi-layer \(Ethernet/WSON\) network](#). *2011 IEEE 12th International Conference on High Performance Switching and Routing, HPSR 2011, 209-214. (Notable per la UPC)*
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- Casellas, R., Muñoz, R., & Martínez, R. (2011). [Lab trial of multi-domain path computation in GMPLS controlled WSON using a hierarchical PCE](#). *2011 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference, OFC/NFOEC 2011. (Notable per la UPC)*
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[translucent WSON](#). *European Conference on Optical Communication, ECOC*. **(Notable per la UPC)**

- Liu, L., Tsuritani, T., Casellas, R., Martínez, R., Muñoz, R., Tsurusawa, M., & Morita, I. (2011). [Experimental assessment of a resilient PCE/GMPLS controlled translucent wavelength switched optical network](#). *IEICE Transactions on Communications, E94-B(7)*, 1831-1844. **Factor Impacte 0.301 (Q4). Índex d'immediatesa 0.033**
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- Vilalta, R., Muñoz, R., Casellas, R., & Martínez, R. (2011). [Design and performance evaluation of a GMPLS-enabled MPLS-TP/PWE3 node with integrated 10Gbps tunable DWDM transponders](#). *2011 IEEE 12th International Conference on High Performance Switching and Routing, HPSR 2011*, 236-241. **(Notable per la UPC)**



EETAC

García-Berro Montilla, Enrique

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- Althaus, L. G., Córscico, A. H., Torres, S., Lorén-Aguilar, P., Isern, J., & García-Berro, E. (2011). [The evolution of white dwarfs with a varying gravitational constant \(research note\)](#). *Astronomy and Astrophysics*, 527(9). **Factor Impacte 4.425** (Q1). **Índex d'immediatesa 1.696**
- Araújo, H., Cãizares, P., Chmeissani, M., Conchillo, A., Díaz-Aguiló, M., García-Berro, E., . . . Wass, P. (2011). [Milli-hertz gravitational waves: LISA and LISA pathFinder](#). *Journal of Physics: Conference Series*, 314(1)
- Bravo, E., Althaus, L. G., García-Berro, E., & Domínguez, I. (2011). [The impact of chemical differentiation of white dwarfs on thermonuclear supernovae](#). *Astronomy and Astrophysics*, 526(4). **Factor Impacte 4.425** (Q1). **Índex d'immediatesa 1.696**
- Canizares, P., Chmeissani, M., Conchillo, A., Diaz-Aguiló, M., García-Berro, E., Gesa, L., . . . Wass, P. (2011). [The LISA pathfinder DMU and radiation monitor](#). *Classical and Quantum Gravity*, 28(9). **Factor Impacte 3.099** (Q1). **Índex d'immediatesa 1.378**
- Casanova, J., José, J., García-Berro, E., Calder, A., & Shore, S. N. (2011). [Mixing in classical novae: A 2-D sensitivity study](#). *Astronomy and Astrophysics*, 527(1). **Factor Impacte 4.425** (Q1). **Índex d'immediatesa 1.696**
- Casanova, J., José, J., García-Berro, E., Shore, S. N., & Calder, A. C. (2011). [Kelvin-helmholtz instabilities as the source of inhomogeneous mixing in nova explosions](#). *Nature*, 478(7370), 490-492. **Factor Impacte 36.104** (Q1). **Índex d'immediatesa 8.792**
- Diaz-Aguilo, M., Lobo, A., & García-Berro, E. (2011). [Neural network interpolation of the magnetic field for the LISA pathfinder diagnostics subsystem](#). *Experimental Astronomy*, 30(1), 1-21. **Factor Impacte 2.140** (Q2). **Índex d'immediatesa 0.333**
- García-Berro, E., Lorén-Aguilar, P., Torres, S., Althaus, L. G., & Isern, J. (2011). [An upper limit to the secular variation of the gravitational constant from white dwarf stars](#). *Journal of Cosmology and Astroparticle Physics*, 2011(5) **Factor Impacte** (Q1). **Índex d'immediatesa 2.698**
- García-Berro, E., Torres, S., Renedo, I., Camacho, J., Althaus, L. G., Córscico, A. H., . . . Isern, J. (2011). [The white-dwarf cooling sequence of NGC 6791: A unique tool for stellar evolution](#). *Astronomy and Astrophysics*, 533. **Factor Impacte 4.425** (Q1). **Índex d'immediatesa 1.696**
- Longland, R., Lorén-Aguilar, P., José, J., García-Berro, E., Althaus, L. G., & Isern, J. (2011). [Nucleosynthesis during the merger of white dwarfs and the origin of R coronae borealis stars](#). *Astrophysical Journal Letters*, 737(2) **Factor Impacte 5.158** (Q1). **Índex d'immediatesa 2.111**
- Portell, J., García-Berro, E., Estepa, C., Castañeda, J., & Clotet, M. (2011). [Efficient data storage of astronomical data using HDF5 and PEC compression](#). *Proceedings of SPIE - the International Society for Optical Engineering*, , 8183
- Villafranca, A. G., Mignot, S., Portell, J., & García-Berro, E. (2011). [FAPEC in an FPGA: A simple low-power solution for data compression in space](#). *Proceedings of SPIE - the International Society for Optical Engineering*, , 8157.



- Córscico, A. H., Althaus, L. G., Kawaler, S. D., Miller Bertolami, M. M., García-Berro, E., & Kepler, S. O. (2011). Probing the internal rotation of pre-white dwarf stars with asteroseismology: The case of PG 0122+200. *Monthly Notices of the Royal Astronomical Society*, 418(4), 2519-2526. Factor d'impacte 4.888
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Cervelló Pastor, Cristina

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- Magaia, N., Pereira, P. R., Casaca, A., Rodrigues, J. J. P. C., Dias, J. A., Isento, J. N., . . . Gallego, J. (2011). [Bundles fragmentation in vehicular delay-tolerant networks](#). 2011 7th EURO-NGI Conference on Next Generation Internet Networks, NGI 2011 – Proceedings.
- Rodrigues, J. J. P. C., Dias, J. A., Isento, J. N., Silva, B. M., Soares, V. N. G. J., Magaia, N., . . . Gallego, J. (2011). [The vehicular delay-tolerant networks \(VDTN\) euro-NF joint research project](#). 2011 7th EURO-NGI Conference on Next Generation Internet Networks, NGI 2011 - Proceedings,
- Triay, J., & Cervelló-Pastor, C. (2011). [Delay analysis of slotted OBS networks under DAOBS MAC protocol](#). *IEEE Communications Letters*, 15(8), 878-880. **Factor Impacte 1.060 (Q2). Índex d'immediatesa 0.084**
- Triay, J., & Cervelló-Pastor, C. (2011). [Topology analysis of auto load-balancing RWA in optical burst-switched networks](#). *WOCC 2011 - 20th Annual Wireless and Optical Communications Conference*.
- Triay, J., Rousseau, D. R., Cervelló-Pastor, C., & Vokkarane, V. M. (2011). [Dynamic service-aware reservation framework for multi-layer high-speed networks](#). *Proceedings - International Conference on Computer Communications and Networks, ICCCN*. **(Notable per la UPC)**
- Triay, J., Zervas, G. S., Cervelló-Pastor, C., & Simeonidou, D. (2011). [GMPLS/PCE/OBST architectures for guaranteed sub-wavelength mesh metro network services](#). 2011 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference, OFC/NFOEC 2011. **(Notable per la UPC)**
- Tuset, P., López, J. M., Barberán, P., Janer, L., & Cervelló-Pastor, C. (2011). [Designing messenger visual, an instant messaging service for individuals with cognitive disability](#). *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 6693 LNCS, 57-64.
- Zervas, G. S., Triay, J., Amaya, N., Qin, Y., Cervelló-Pastor, C., & Simeonidou, D. (2011). [Time shared optical network \(TSON\): A novel metro architecture for flexible multi-granular services](#). *European Conference on Optical Communication, ECOC*. **(Notable per la UPC)**



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- Antonucci, F., Armano, M., Audley, H., Auger, G., Benedetti, M., Binetruy, P., . . . Zweifel, P. (2011). [From laboratory experiments to LISA pathfinder: Achieving LISA geodesic motion.](#) *Classical and Quantum Gravity*, 28(9) **Factor Impacte 3.099** (Q1). **Índex d'immediatesa 1.378**
- Antonucci, F., Armano, M., Audley, H., Auger, G., Benedetti, M., Binetruy, P., . . . Zweifel, P. (2011). [LISA pathfinder data analysis.](#) *Classical and Quantum Gravity*, 28(9) **Factor Impacte 3.099** (Q1). **Índex d'immediatesa 1.378**
- Antonucci, F., Armano, M., Audley, H., Auger, G., Benedetti, M., Binetruy, P., . . . Zweifel, P. (2011). [LISA pathfinder: Mission and status.](#) *Classical and Quantum Gravity*, 28(9) **Factor Impacte 3.099** (Q1). **Índex d'immediatesa 1.378**
- Araújo, H., Cãizares, P., Chmeissani, M., Conchillo, A., Díaz-Aguiló, M., García-Berro, E., . . . Wass, P. (2011). [Milli-hertz gravitational waves: LISA and LISA pathFinder.](#) *Journal of Physics: Conference Series*, 314(1)
- Audley, H., Danzmann, K., Marín, A. G., Heinzl, G., Monsky, A., Nofrarias, M., . . . Zweifel, P. (2011). [The LISA pathfinder interferometry - hardware and system testing.](#) *Classical and Quantum Gravity*, 28(9) **Factor Impacte 3.099** (Q1). **Índex d'immediatesa 1.378**
- Canizares, P., Chmeissani, M., Conchillo, A., Diaz-Aguiló, M., García-Berro, E., Gesa, L., . . . Wass, P. (2011). [The LISA pathfinder DMU and radiation monitor.](#) *Classical and Quantum Gravity*, 28(9) **Factor Impacte 3.099** (Q1). **Índex d'immediatesa 1.378**
- Diaz-Aguilo, M., Lobo, A., & García-Berro, E. (2011). [Neural network interpolation of the magnetic field for the LISA pathfinder diagnostics subsystem.](#) *Experimental Astronomy*, 30(1), 1-21. **Factor Impacte 2.140** (Q2). **Índex d'immediatesa 0.333**

ESAB/DEAB

Llorens Calveras, Jordi

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- Escolà, A., Planas, S., Rosell, J. R., Pomar, J., Camp, F., Solanelles, F., . . . Gil, E. (2011). [Performance of an ultrasonic ranging sensor in apple tree canopies.](#) *Sensors*, 11(3), 2459-2477. **Factor Impacte 1.774** (Q1). **Índex d'immediatesa 0.201**
- Gil, E., Llorens, J., Landers, A., Llop, J., & Giralt, L. (2011). [Field validation of dosaviña, a decision support system to determine the optimal volume rate for pesticide application in vineyards.](#) *European Journal of Agronomy*, 35(1), 33-46. **Factor Impacte** (Q1). **Índex d'immediatesa 0.406**



- Llorens, J., Gil, E., Llop, J., & Escolà, A. (2011). [Ultrasonic and LIDAR sensors for electronic canopy characterization in vineyards: Advances to improve pesticide application methods](#). *Sensors*, 11(2), 2177-2194. **Factor Impacte 1.774** (Q1). **Índex d'immediatesa 0.201**
- Llorens, J., Gil, E., Llop, J., & Queraltó, M. (2011). [Georeferenced LiDAR 3D vine plantation map generation](#). *Sensors*, 11(6), 6237-6256. **Factor Impacte 1.774** (Q1). **Índex d'immediatesa 0.201**
- Sanz-Cortiella, R., Llorens-Calveras, J., Escolà, A., Arnó-Satorra, J., Ribes-Dasi, M., Masip-Vilalta, J., . . . Rosell-Polo, J. R. (2011). [Innovative LIDAR 3D dynamic measurement system to estimate fruit-tree leaf area](#). *Sensors*, 11(6), 5769-5791. **Factor Impacte 1.774** (Q1). **Índex d'immediatesa 0.201**
- Sanz-Cortiella, R., Llorens-Calveras, J., Rosell-Polo, J. R., Gregorio-Lopez, E., & Palacin-Roca, J. (2011). [Characterisation of the LMS200 laser beam under the influence of blockage surfaces. influence on 3D scanning of tree orchards](#). *Sensors*, 11(3), 2751-2772. **Factor Impacte 1.774** (Q1). **Índex d'immediatesa 0.201**

Gil Roig, José Maria

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- Akaichi, F., Gil, J. M., & Nayga Jr., R. M. (2011). [Bid affiliation in repeated random nth price auction. \[Comunicación corta. Afiliación de las pujas en la subasta de enésimo precio aleatorio\]](#) *Spanish Journal of Agricultural Research*, 9(1), 22-27. **Factor Impacte 0.646** (Q2). **Índex d'immediatesa 0.035**
- Blanch, M., Panella-Riera, N., Chevillon, P., Furnols, M. F. i., Gil, M., Gil, J. M., . . . Oliver, M. A. [Impact of consumer's sensitivity to androstenone on acceptability of meat from entire male pigs in three european countries: France, spain and united kingdom](#). *Meat Science*, **Factor Impacte 2.619** (Q1). **Índex d'immediatesa 0.401**
- Kallas, Z., Escobar, C., & Gil, J. M. (2011). [Assessing the impact of a christmas advertisement campaign on catalan wine preference using choice experiments](#). *Appetite*, 58(1), 285-298. **Factor Impacte 2.433** (Q3). **Índex d'immediatesa 0.270**
- Kallas, Z., Lambarraa, F., & Gil, J. M. (2011). [A stated preference analysis comparing the analytical hierarchy process versus choice experiments](#). *Food Quality and Preference*, 22(2), 181-192. **Factor Impacte 3.013** (Q1). **Índex d'immediatesa 0.639**
- Serra, T., Zilberman, D., & Gil, J. (2011). [Price volatility in ethanol markets](#). *European Review of Agricultural Economics*, 38(2), 259-280. **Factor Impacte 1.065** (Q2). **Índex d'immediatesa 0.217**
- Serra, T., Zilberman, D., Gil, J. M., & Goodwin, B. K. (2011). [Nonlinearities in the U.S. corn-ethanol-oil-gasoline price system](#). *Agricultural Economics*, 42(1), 35-45. **Factor Impacte 1.329** (Q1). **Índex d'immediatesa 0.114**



Serra Devesa, Teresa

5 articles

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