

**Revistes amb més  
articles  
Campus del Baix  
Llobregat (CBL) - 2011**



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# INTRODUCCIÓ

Es presenta la llista de revistes en les que més publiquen els autors del CBL ordenada per centres. Per a cada revista s'inclou els articles del autors CBL del 2011, el factor d'impacte, el quartil i el factor d'immediatesa.

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

**Quartil<sup>1</sup>:** 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.

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## Revistes amb més articles



### CTTC

IEEE Transactions on Wireless Communications

6 articles

*Factor Impacte* 2.152 (Q1)

*Índex d'immediatesa* 0.245

- Closas, P., & Fernandez-Prades, C. (2011). [A statistical multipath detector for antenna array based gnss receivers](#). *IEEE Transactions on Wireless Communications*, 10(3), 916-929.
- Gregoratti, D., & Mestre, X. (2011). [Large-SNR outage analysis for the DF relay channel with randomized space-time block coding](#). *IEEE Transactions on Wireless Communications*, 10(7), 2090-2100.
- Li, G., Cano, A., Gómez-Vilardebó, J., Giannakis, G. B., & Pérez-Neira, A. I. (2011). [High-throughput multi-source cooperation via complex-field network coding](#). *IEEE Transactions on Wireless Communications*, 10(5), 1606-1617.
- Mary, P., Dohler, M., Gorce, J. -, & Villemaud, G. (2011). [Symbol error outage analysis of MIMO OSTBC systems over rice fading channels in shadowing environments](#). *IEEE Transactions on Wireless Communications*, 10(4), 1009-1014.
- Matamoros, J., & Antón-Haro, C. (2011). [Optimal network size and encoding rate for wireless sensor network-based decentralized estimation under power and bandwidth constraints](#). *IEEE Transactions on Wireless Communications*, 10(4), 1121-1131.
- Navarro, M., & Najar, M. (2011). [Frequency domain joint TOA and DOA estimation in IR-UWB](#). *IEEE Transactions on Wireless Communications*, 10(10), 3174-3184.

Computer Networks

2 articles

*Factor Impacte* 1.176 (Q2)

*Índex d'immediatesa* 0.117

- Font-Bach, O., Bartzoudis, N., Pascual-Iserte, A., & Bueno, D. L. (2011). [A real-time MIMO-OFDM mobile WiMAX receiver: Architecture, design and FPGA implementation](#). *Computer Networks*, 55(16), 3634-3647.
- Gregori, M., Llatser, I., Cabellos-Aparicio, A., & Alarcón, E. (2011). [Physical channel characterization for medium-range nanonetworks using flagellated bacteria](#). *Computer Networks*, 55(3), 779-791.

Eurasip Journal on Wireless Communications and Networking

2 articles

*Factor Impacte* 0.815 (Q2)

*Índex d'immediatesa* 0.084

- Hernandez-Serrano, J., León, O., & Soriano, M. (2011). [Modeling the lion attack in cognitive radio networks](#). *Eurasip Journal on Wireless Communications and Networking*, 2011



- Sanchez, D. S., Alonso, L., Angelidis, P., & Verikoukis, C. (2011). [Secure precise clock synchronization for interconnected body area networks](#). *Eurasip Journal on Wireless Communications and Networking*, 2011

IEEE Communications Letters

2 articles

*Factor Impacte* 1.060 (Q2)

*Índex d'immediatesa* 0.084

- Matamoros, J., & Antón-Haro, C. (2011). [Scaling law of an opportunistic power allocation scheme for amplify-and-forward wireless sensor networks](#). *IEEE Communications Letters*, 15(2), 169-171.
- Moreolo, M. S. (2011). [Performance analysis of DHT-based optical OFDM using large-size constellations in AWGN](#). *IEEE Communications Letters*, 15(5), 572-574.

## **EETAC**

Classical and Quantum Gravity

5 articles

*Factor Impacte* 3.099 (Q1)

*Índex d'immediatesa* 1.378

- Antonucci, F., Armano, M., Audley, H., Auger, G., Benedetti, M., Binetruy, P., ... Diaz-Aguilo, M., ... Zweifel, P. (2011). [From laboratory experiments to LISA pathfinder: Achieving LISA geodesic motion](#). *Classical and Quantum Gravity*, 28(9)
- Antonucci, F., Armano, M., Audley, H., Auger, G., Benedetti, M., Binetruy, P., ... Diaz-Aguilo, M., ... Zweifel, P. (2011). [LISA pathfinder data analysis](#). *Classical and Quantum Gravity*, 28(9)
- 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)
- Audley, H., Danzmann, K., Marín, A. G., Heinzl, G., Monsky, A., Nofrarias, M., ... Diaz-Aguilo, M., ... Zweifel, P. (2011). [The LISA pathfinder interferometry - hardware and system testing](#). *Classical and Quantum Gravity*, 28(9)
- 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)

Astronomy and Astrophysics

4 articles

*Factor Impacte* 4.425 (Q1)

*Índex d'immediatesa* 1.696

- 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)
- 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)
- 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)



- 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

Wireless Personal Communications

3 articles

*Factor Impacte* 0.507 (Q3)

*Índex d'immediatesa* 0.070

- Domingo, M. C. (2011). [A distributed energy-aware routing protocol for underwater wireless sensor networks.](#) *Wireless Personal Communications*, 57(4), 607-627.
- Domingo, M. C., & Reyes, A. (2011). [A clean slate architecture design for VANETs.](#) *Wireless Personal Communications*, , 1-19.
- Vidal Ferré, R., Garcia Villegas, E., & Paradells Aspas, J. (2011). [Deploying large-scale IEEE802.11 networks using IP paging with link-specific capabilities: A standard compliant approach and its performance analysis.](#) *Wireless Personal Communications*, 60(2), 363-383.

Bulletin of the Australian Mathematical Society

2 articles

*Factor Impacte* 0.392 (Q4)

*Índex d'immediatesa* 0.050

- Ahmad, A., López, S. C., Muntaner-Batle, F. A., & Rius-Font, M. (2011). [Enumerating super edge-magic labelings for the union of nonisomorphic graphs.](#) *Bulletin of the Australian Mathematical Society*, 84(2), 310-321.
- López, S. C., Muntaner-Batle, F. A., & Rius-Font, M. (2011). [BI-magic and other generalizations of super edge-magic labelings.](#) *Bulletin of the Australian Mathematical Society*, 84(1), 137-152.

Fundamenta Informaticae

2 articles

*Factor Impacte* 0.522 (Q4)

*Índex d'immediatesa* 0.109

- Niu, Y., Pan, L., Pérez-Jiménez, M. J., & Font, M. R. (2011). [A tissue P systems based uniform solution to tripartite matching problem.](#) *Fundamenta Informaticae*, 109(2), 179-188.
- Pérez-Jiménez, M. J., Riscos-Núñez, A., Rius-Font, M., & Romero-Campero, F. J. (2011). [Looking for small efficient P systems.](#) *Fundamenta Informaticae*, 110(1-4), 295-308.

Journal of Alloys and Compounds

2 articles

*Factor Impacte* 2.138 (Q1)

*Índex d'immediatesa* 0.565

- Bruna, P., Baldi, G., Pineda, E., Serrano, J., Duarte, M. J., Crespo, D., & Monaco, G. (2011). [Acoustic properties of metallic glasses in the mesoscopic regime by inelastic X-ray scattering.](#) *Journal of Alloys and Compounds*, 509(SUPPL. 1), S95-S98.
- Pineda, E., Bruna, P., Serrano, J., Torrens-Serra, J., & Crespo, D. (2011). [Role of mo in the local configuration and structure stabilization of amorphous steels, a synchrotron X-ray diffraction and mössbauer study.](#) *Journal of Alloys and Compounds*, 509(SUPPL. 1), S56-S59.



Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 2 articles

- Remondo, D. (2011). [Wireless ad hoc networks: An overview](#). Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5233, 746-766.
- 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.

## **ESAB/DEAB**

Sensors

5 articles

*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.
- Llorens, J., Gil, E., Llop, J., & Queraltó, M. (2011). [Georeferenced LiDAR 3D vine plantation map generation](#). *Sensors*, 11(6), 6237-6256.
- 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.
- 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.
- 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.

Journal of Food Engineering

3 articles

*Factor Impacte* 2.168 (Q1)

*Índex d'immediatesa* 0.418

- Auleda, J. M., Raventós, M., & Hernández, E. (2011). [Calculation method for designing a multi-plate freeze-concentrator for concentration of fruit juices](#). *Journal of Food Engineering*, 107(1), 27-35.
- Auleda, J. M., Raventós, M., Sánchez, J., & Hernández, E. (2011). [Estimation of the freezing point of concentrated fruit juices for application in freeze concentration](#). *Journal of Food Engineering*, 105(2), 289-294.



- Sánchez, J., Hernández, E., Auleda, J. M., & Raventós, M. (2011). [Freeze concentration of whey in a falling-film based pilot plant: Process and characterization.](#) *Journal of Food Engineering*, 103(2), 147-155.

#### Bioresource Technology

3 articles

*Factor Impacte* 4.365 (Q1)

*Índex d'immediatesa* 0.762

- Illa, J., Prenafeta-Boldú, F. X., Bonmatí, A., & Flotats, X. (2011). [Empirical characterisation and mathematical modelling of settlement in composting batch reactors.](#) *Bioresource Technology*.
- Palatsi, J., Viñas, M., Guivernau, M., Fernandez, B., & Flotats, X. (2011). [Anaerobic digestion of slaughterhouse waste: Main process limitations and microbial community interactions.](#) *Bioresource Technology*, 102(3), 2219-2227.
- Silvestre, G., Rodríguez-Abalde, A., Fernández, B., Flotats, X., & Bonmatí, A. (2011). [Biomass adaptation over anaerobic co-digestion of sewage sludge and trapped grease waste.](#) *Bioresource Technology*, 102(13), 6830-6836.

#### Waste Management

2 articles

*Factor Impacte* 2.358 (Q1)

*Índex d'immediatesa* 0.252

- Garfí, M., Gelman, P., Comas, J., Carrasco, W., & Ferrer, I. (2011). [Agricultural reuse of the digestate from low-cost tubular digesters in rural andean communities.](#) *Waste Management*, 31, 12, 2584-2589.
- Rodríguez-Abalde, A., Fernández, B., Silvestre, G., & Flotats, X. (2011). [Effects of thermal pre-treatments on solid slaughterhouse waste methane potential.](#) *Waste Management*, 31(7), 1488-1493.

#### Journal of Industrial Microbiology and Biotechnology

2 articles

*Factor Impacte* 2.413 (Q2)

*Índex d'immediatesa* 0.400

- Ginovart, M., Prats, C., Portell, X., & Silbert, M. (2011). [Analysis of the effect of inoculum characteristics on the first stages of a growing yeast population in beer fermentations by means of an individual-based model.](#) *Journal of Industrial Microbiology and Biotechnology*, 38(1), 153-165.
- Portell, X., Ginovart, M., Carbó, R., & Vives-Rego, J. (2011). [Differences in stationary-phase cells of a commercial \*Saccharomyces cerevisiae\* wine yeast grown in aerobic and microaerophilic batch cultures assessed by electric particle analysis, light diffraction and flow cytometry.](#) *Journal of Industrial Microbiology and Biotechnology*, 38(1), 141-151.



## I2CAT Foundation

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 1 article

- Gonzalez, A. J., Zrar Ghafoor, K., Piney, R., Rios, A., Alcober, J., & Bakar, K. A. (2011). [Fuzzy redundancy adaptation and joint source - network coding for VANET video streaming](#). Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 6649 LNCS, 458-469

## ICFO

Physical Review A - Atomic, Molecular, and Optical Physics 37 articles  
*Factor Impacte* 2.861 (Q1)  
*Índex d'immediatesa* 0.775

- Abdullaev, F. K., Kartashov, Y. V., Konotop, V. V., & Zezyulin, D. A. (2011). [Solitons in PT-symmetric nonlinear lattices](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 83(4)
- Augusiak, R., Sarbicki, G., & Lewenstein, M. (2011). [Optimal decomposable witnesses without the spanning property](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(5)
- Braungardt, S., Rodríguez, M., Sen, A., Sen, U., Glauber, R. J., & Lewenstein, M. (2011). [Counting of fermions and spins in strongly correlated systems in and out of thermal equilibrium](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 83(1)
- Braungardt, S., Rodríguez, M., Sen, A., Sen, U., & Lewenstein, M. (2011). [Atom counting in expanding ultracold clouds](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(4)
- Brazhnyi, V. A., & Malomed, B. A. (2011). [Spontaneous symmetry breaking in schrödinger lattices with two nonlinear sites](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 83(5)
- Cavalcanti, D., Aolita, L., Boixo, S., Modi, K., Piani, M., & Winter, A. (2011). [Operational interpretations of quantum discord](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 83(3)
- Ciappina, M. F., Kirchner, T., & Schulz, M. (2011). [Double ionization of helium by highly-charged-ion impact analyzed within the frozen-correlation approximation](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(3)
- Eilenberger, F., Minardi, S., Szameit, A., Röpke, U., Kobelke, J., Schuster, K., Torner, L., . . . Pertsch, T. (2011). [Evolution dynamics of discrete-continuous light bullets](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(1)
- García, P. D., Sapienza, R., Toninelli, C., López, C., & Wiersma, D. S. (2011). [Photonic crystals with controlled disorder](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(2)
- Graß, T., Saha, K., Sengupta, K., & Lewenstein, M. (2011). [Quantum phase transition of ultracold bosons in the presence of a non-abelian synthetic gauge field](#). *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(5)





- Graß, T. D., Dos Santos, F. E. A., & Pelster, A. (2011). [Excitation spectra of bosons in optical lattices from the schwinger-keldysh calculation.](#) *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(1)
- Hauke, P., Zhao, E., Goyal, K., Deutsch, I. H., Liu, W. V., & Lewenstein, M. (2011). [Orbital order of spinless fermions near an optical feshbach resonance.](#) *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(5)
- Helm, J., Strunz, W. T., Rietzler, S., & Würflinger, L. E. (2011). [Characterization of decoherence from an environmental perspective.](#) *Physical Review A - Atomic, Molecular, and Optical Physics*, 83(4)
- Heshami, K., Sangouard, N., Minár, J., De Riedmatten, H., & Simon, C. (2011). [Precision requirements for spin-echo-based quantum memories.](#) *Physical Review A - Atomic, Molecular, and Optical Physics*, 83(3)
- Hung, N. V., Trippenbach, M., & Malomed, B. A. (2011). [Symmetric and asymmetric solitons trapped in H-shaped potentials.](#) *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(5)
- Juliá-Díaz, B., Dagnino, D., Günter, K. J., Graß, T., Barberán, N., Lewenstein, M., & Dalibard, J. (2011). [Strongly correlated states of a small cold-atom cloud from geometric gauge fields.](#) *Physical Review A - Atomic, Molecular, and Optical Physics*, 84(5)
- Kartashov, Y. V., Konotop, V. V., & Vysloukh, V. A. (2011). [Symmetry breaking and multipeaked solitons in inhomogeneous gain landscapes.](#) *Physical Review A - Atomic, Molecular, and Optical Physics*, 83(4)
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- Borovkova, O. V., Kartashov, Y. V., Malomed, B. A., & Torner, L. (2011). [Algebraic bright and vortex solitons in defocusing media](#). *Optics Letters*, 36(16), 3088-3090.
- Borovkova, O. V., Lobanov, V. E., Kartashov, Y. V., & Torner, L. (2011). [Rotating vortex solitons supported by localized gain](#). *Optics Letters*, 36(10), 1936-1938.
- Chaitanya Kumar, S., Esteban-Martin, A., & Ebrahim-Zadeh, M. (2011). [Interferometric output coupling of ring optical oscillators](#). *Optics Letters*, 36(7), 1068-1070.
- Cousin, S. L., Forget, N., Grün, A., Bates, P. K., Austin, D. R., & Biegert, J. (2011). [Few-cycle pulse characterization with an acousto-optic pulse shaper](#). *Optics Letters*, 36(15), 2803-2805.
- Curry, N., Bondareff, P., Leclercq, M., Van Hulst, N. F., Sapienza, R., Gigan, S., & Grésillon, S. (2011). [Direct determination of diffusion properties of random media from speckle contrast](#). *Optics Letters*, 36(17), 3332-3334.
- Esteban-Martin, A., Ramaiah-Badarla, V., Petrov, V., & Ebrahim-Zadeh, M. (2011). [Broadband, rapidly tunable Ti:Sapphire-pumped BiB3O6 femtosecond optical parametric oscillator](#). *Optics Letters*, 36(9), 1671-1673.
- Favero, F. C., Bouwmans, G., Finazzi, V., Villatoro, J., & Pruneri, V. (2011). [Fabry-perot interferometers built by photonic crystal fiber pressurization during fusion splicing](#). *Optics Letters*, 36(21), 4191-4193.
- Kartashov, Y. V., Konotop, V. V., & Vysloukh, V. A. (2011). [Two-dimensional dissipative solitons supported by localized gain](#). *Optics Letters*, 36(1), 82-84.
- Kartashov, Y. V., Szameit, A., Keil, R., Vysloukh, V. A., & Torner, L. (2011). [Solitons in geometric potentials](#). *Optics Letters*, 36(17), 3470-3472.
- Kartashov, Y. V., Vysloukh, V. A., & Torner, L. (2011). [Disorder-induced soliton transmission in nonlinear photonic lattices](#). *Optics Letters*, 36(4), 466-468.
- Kumar, S. C., Agnesi, A., Dalocchio, P., Pirzio, F., Reali, G., Zawilski, K. T., . . . Ebrahim-Zadeh, M. (2011). [Compact, 1.5 mJ, 450 MHz, CdSiP2 picosecond optical parametric oscillator near 6:3 μm](#). *Optics Letters*, 36(16), 3236-3238.
- Kumar, S. C., & Ebrahim-Zadeh, M. (2011). [High-power, continuous-wave, mid-infrared optical parametric oscillator based on MgO:SPPLT](#). *Optics Letters*, 36(13), 2578-2580.
- Lobanov, V. E., Kartashov, Y. V., Vysloukh, V. A., & Torner, L. (2011). [Stable radially symmetric and azimuthally modulated vortex solitons supported by localized gain](#). *Optics Letters*, 36(1), 85-87.
- Rechtsman, M. C., Kartashov, Y. V., Setzpfandt, F., Trompeter, H., Torner, L., Pertsch, T., . . . Szameit, A. (2011). [Negative goos-hänchen shift in periodic media](#). *Optics Letters*, 36(22), 4446-4448.
- Rodríguez, F. J., Yao, C., Domínguez-Juárez, J. L., Bravo-Abad, J., & Martorell, J. (2011). [Observation of speckle pattern formation in transparent nonlinear random media](#). *Optics Letters*, 36(8), 1347-1349.
- Samanta, G. K., & Ebrahim-Zadeh, M. (2011). [Dual-wavelength, two-crystal, continuous-wave optical parametric oscillator](#). *Optics Letters*, 36(16), 3033-3035.
- Zezyulin, D. A., Kartashov, Y. V., & Konotop, V. V. (2011). [Solitons in a medium with linear dissipation and localized gain](#). *Optics Letters*, 36(7), 1200-1202.

Optics Express

Factor Impacte 3.753 (Q1)

Índex d'immediatesa 0.742

11 articles



- Cárdenas-Sevilla, G. A., Finazzi, V., Villatoro, J., & Pruner, V. (2011). [Photonic crystal fiber sensor array based on modes overlapping](#). *Optics Express*, 19(8), 7596-7602.
- Devi, K., Kumar, S. C., & Ebrahim-Zadeh, M. (2011). [1 W, high-beam-quality, narrow-linewidth continuous-wave fiber-based source at 970 nm](#). *Optics Express*, 19(12), 11631-11637.
- Jofre, M., Gardelein, A., Anzolin, G., Amaya, W., Capmany, J., Ursin, R., . . . Pruneri, V. (2011). [Fast optical source for quantum key distribution based on semiconductor optical amplifiers](#). *Optics Express*, 19(5), 3825-3834.
- Kartashov, Y. V., López-Aguayo, S., Vysloukh, V. A., & Torner, L. (2011). [Stripe-like quasi-nondiffracting optical lattices](#). *Optics Express*, 19(10), 9505-9511.
- Kumar, S. C., Samanta, G. K., Devi, K., & Ebrahim-Zadeh, M. (2011). [High-efficiency, multicrystal, single-pass, continuous-wave second harmonic generation](#). *Optics Express*, 19(12), 11152-11169.
- Mayteevarunyoo, T., Malomed, B. A., & Roeksabutr, A. (2011). [Solitons and vortices in nonlinear two-dimensional photonic crystals of the kronig-penney type](#). *Optics Express*, 19(18), 17834-17851.
- Palacios, S., León-Montiel, R. D. J., Hendrych, M., Valencia, A., & Torres, J. P. (2011). [Flux enhancement of photons entangled in orbital angular momentum](#). *Optics Express*, 19(15), 14108-14120.
- Renger, J., Quidant, R., & Novotny, L. (2011). [Enhanced nonlinear response from metal surfaces](#). *Optics Express*, 19(3), 1777-1785.
- Svozilík, J., Hendrych, M., Helmy, A. S., & Torres, J. P. (2011). [Generation of paired photons in a quantum separable state in bragg reflection waveguides](#). *Optics Express*, 19(4), 3115-3123.
- Takayama, O., Nikitin, A. Y., Martin-Moreno, L., Torner, L., & Artigas, D. (2011). [Dyakonov surface wave resonant transmission](#). *Optics Express*, 19(7), 6339-6347.
- Volpe, G., Volpe, G., & Quidant, R. (2011). [Fractal plasmonics: Subdiffraction focusing and broadband spectral response by a sierpinski nanocarpets](#). *Optics Express*, 19(4), 3612-3618.

Proceedings of SPIE -Progress in Biomedical Optics and Imaging

10 articles

- Aviles-Espinosa, R., Filippidis, G., Hamilton, C., Malcolm, G., Weingarten, K. J., Südmeyer, T., Artigas, D., . . . Loza-Alvarez, P. (2011). [Portable semiconductor disk laser for in vivo tissue monitoring: A platform for the development of clinical applications](#). *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, , 8092
- Hendaoui, N., Mani, A. A., Kakudgi, E., Peremans, A., Silien, C., Bruyninckx, V., Esteban, A., Ebrahim-Zadeh, M., . . . Petrov, V. (2011). [Soft tissue ablation by picosecond synchronously-pumped CdSiP 2-based optical parametric oscillator tuned to 6.45 μm](#). *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, , 8092
- Psilodimitrakopoulos, S., Amat-Roldan, I., Artigas, D., & Loza-Alvarez, P. (2011). [Imaging amylopectin's order in starch using 3-dimensional polarization SHG](#). *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, , 8086
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*Factor Impacte* 7.622 (Q1)

*Índex d'immediatesa* 1.836

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*Índex d'immediatesa* 2.239

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*Factor Impacte* 1.431 (Q2)

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*Factor Impacte* 1.488 (Q1)

*Índex d'immediatesa* 0.702

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