



Artículos Arbitrados Publicados

ASTROFÍSICA

1. Abdo, A. A., Ackermann, M., Ajello, M., Allafort, A., Baldini, L., Ballet, J., Barbiellini, G., Baring, M. G., Bastieri, D., Bechtol, K., (444 coautores incluyendo **Carramiñana, A. #417**, **Carrasco, L. #418**), "Insights into the High-energy γ -ray Emission of Markarian 501 from Extensive Multifrequency Observations in the Fermi Era", ApJ 727, 129-, 2/2011.
2. Abdo, A. A., Ackermann, M., Ajello, M., Antolini, E., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., (171 coautores incluyendo **Carramiñana, A. # 154**, **Carrasco, L. #155**), "The First Fermi Multifrequency Campaign on BL Lacertae: Characterizing the Low-activity State of the Eponymous Blazar", ApJ 730, 101-, 4/2011.
3. Abdo, A. A., Ackermann, M., Ajello, M., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Berenji, B. (318 coautores incluyendo **Mújica, R. #285**), "Multi-wavelength Observations of the Flaring Gamma-ray Blazar 3C 66A in 2008 October", ApJ 726, 43-, 1/2011.
4. Abdo, A. A., Ackermann, M., Ajello, M., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Berenji, B., (358 coautores incluyendo **Carramiñana, A. #342**, **Carrasco, L. #343**) "Fermi Large Area Telescope Observations of Markarian 421: The Missing Piece of its Spectral Energy Distribution", ApJ 736, 131-, 8/2011.
5. Annibali, F., Grützbauch, R., Rampazzo, R., **Bressan, A.**, Zeilinger, W. W., "Nature vs. nurture in the low-density environment: structure and evolution of early-type dwarf galaxies in poor groups", A&A 528, A19-, 4/2011.
6. **Aretxaga, I.**, Wilson, G. W., **Aguilar, E. (est.)**, Alberts, S., Scott, K. S., Scoville, N., Yun, M. S., Austermann, J., Downes, T. P., Ezawa, H., Hatsukade, B., **Hughes, D. H.**, Kawabe, R., Kohno, K., Oshima, T., Perera, T. A., Tamura, Y., **Zeballos, M.**, "AzTEC millimetre survey of the COSMOS field - III. Source catalogue over 0.72 deg^2 and plausible boosting by large-scale structure", MNRAS 415, 3831-3850, 8/2011.
7. Basilakos, S., **Plionis, M.**, Alves, M. E. S., Lima, J. A. S., "Dynamics and constraints of the massive graviton dark matter flat cosmologies", PhRvD 83, 3506, 2011.

Artículos Arbitrados Publicados

8. Basilakos, S., **Plionis, M.**, Pouri, A., "Generalized evolution of linear bias: A tool to test gravity", PhRvD 83, 3525, 2011.
9. Braglia, F. G., Ade, P. A. R., Bock, J. J., Chapin, E. L., Devlin, M. J., Edge, A., Griffin, M., Gundersen, J. O., Halpern, M., Hargrave, P. C., **Hughes, D. H.**, Klein, J., Marsden, G., Maukopf, P., Moncelsi, L., Netterfield, C. B., Ngo, H., Olmi, L., Pascale, E., Patanchon, G., Pimblet, K. A., Rex, M., Scott, D., Semisch, C., Thomas, N., Truch, M. D. P., Tucker, C., Tucker, G. S., Valiante, E., Viero, M. P., Wiebe, D. V., "Submillimetre observations of galaxy clusters with the BLAST: the star formation activity in Abell 3112", MNRAS 412, 1187-1202, 4/2011.
10. **Cardona, O.**, "Atomic line broadening by thermal energy fluctuations in stellar atmospheres and plasma diagnostics", Ap 54, 75-86, 3/2011.
11. **Cardona, O.**, Flores, A., **Rodríguez-Merino, L. H.**, "Diagnostics for regions of formation of atomic lines in stellar atmospheres", Ap 65-, 11/2011.
12. Chapin, E. L., Chapman, S. C., Coppin, K. E., Devlin, M. J., Dunlop, J. S., Greve, T. R., Halpern, M., Hasselfield, M. F., **Hughes, D. H.**, Ivison, R. J., Marsden, G., Moncelsi, L., Netterfield, C. B., Pascale, E., Scott, D., Smail, I., Viero, M., Walter, F., Weiss, A., van der Werf, P., "A joint analysis of BLAST 250-500 μm and LABOCA 870 μm observations in the Extended Chandra Deep Field-South", MNRAS 411, 505-549, 2/2011.
13. Clemens, M. S., Panuzzo, P., Rampazzo, R., **Vega, O.**, **Bressan, A.**, "Mid-infrared colour gradients and the colour-magnitude relation in Virgo early-type galaxies", MNRAS 412, 2063-2070, 4/2011.
14. Cox, P., Krips, M., Neri, R., Omont, A., Güsten, R., Menten, K. M., Wyrowski, F., Weiß, A., Beelen, A., Gurwell, M. A., Dannerbauer, H., Ivison, R. J., Negrello, M., **Aretxaga, I.**, **Hughes, D. H.**, Auld, R., Baes, M., Blundell, R., Buttiglione, S., Cava, A., Cooray, A., Dariush, A., Dunne, L., Dye, S., Eales, S. A., Frayer, D., Fritz, J., Gavazzi, R., Hopwood, R., Ibar, E., Jarvis, M., Maddox, S., Michałowski, M., Pascale, E., Pohlen, M., Rigby, E., Smith, D. J. B., Swinbank, A. M., Temi, P., Valtchanov, I., van der Werf, P., de Zotti, G., "Gas and Dust in a Submillimeter Galaxy at $z = 4.24$ from the Herschel Atlas", ApJ 740, 63-, 10/2011.
15. Das, S., Marriage, T. A., Ade, P. A. R., Aguirre, P., Amiri, M., Appel, J. W., Barrientos, L. F., Battistelli, E. S., Bond, J. R., Brown, B., Burger, B.,

Artículos Arbitrados Publicados

- Chervenak, J., Devlin, M. J., Dicker, S. R., Bertrand Doriese, W., Dunkley, J., Dünner, R., Essinger-Hileman, T., Fisher, R. P., Fowler, J. W., Hajian, A., Halpern, M., Hasselfield, M., Hernández-Monteagudo, C., Hilton, G. C., Hilton, M., Hincks, A. D., Hlozek, R., Huffenberger, K. M., **Hughes, D. H.**, Hughes, J. P., Infante, L., Irwin, K. D., Baptiste Juin, J., Kaul, M., Klein, J., Kosowsky, A., Lau, J. M., Limon, M., Lin, Y.-T., Lupton, R. H., Marsden, D., Martocci, K., Mauskopf, P., Menanteau, F., Moodley, K., Moseley, H., Netterfield, C. B., Niemack, M. D., Nolta, M. R., Page, L. A., Parker, L., Partridge, B., Reid, B., Sehgal, N., Sherwin, B. D., Sievers, J., Spergel, D. N., Staggs, S. T., Swetz, D. S., Switzer, E. R., Thornton, R., Trac, H., Tucker, C., Warne, R., Wollack, E., Zhao, Y., "The Atacama Cosmology Telescope: A Measurement of the Cosmic Microwave Background Power Spectrum at 148 and 218 GHz from the 2008 Southern Survey", ApJ 729, 62-, 3/2011.
16. **De la Luz, V.**, Lara, A., Raulin, J.-P., "Synthetic Spectra of Radio, Millimeter, Sub-millimeter, and Infrared Regimes with Non-local Thermodynamic Equilibrium Approximation", ApJ 737, 1-, 8/2011.
17. Drake, A. J., Djorgovski, S. G., Mahabal, A., Anderson, J., Roy, R., Mohan, V., Ravindranath, S., Frail, D., Gezari, S., Neill, J. D., Ho, L. C., Prieto, J. L., Thompson, D., Thorstensen, J., Wagner, M., Kowalski, R., Chiang, J., Grove, J. E., Schinzel, F. K., Wood, D. L., **Carrasco, L.**, **Recillas, E.**, Kewley, L., Archana, K. N., Basu, A., Wadadekar, Y., Kumar, B., Myers, A. D., Phinney, E. S., Williams, R., Graham, M. J., Catelan, M., Beshore, E., Larson, S., Christensen, E., "The Discovery and Nature of the Optical Transient CSS100217:102913+404220", ApJ 735, 106-, 7/2011.
18. Dunkley, J., Hlozek, R., Sievers, J., Acquaviva, V., Ade, P. A. R., Aguirre, P., Amiri, M., Appel, J. W., Barrientos, L. F., Battistelli, E. S., Bond, J. R., Brown, B., Burger, B., Chervenak, J., Das, S., Devlin, M. J., Dicker, S. R., Bertrand Doriese, W., Dünner, R., Essinger-Hileman, T., Fisher, R. P., Fowler, J. W., Hajian, A., Halpern, M., Hasselfield, M., Hernández-Monteagudo, C., Hilton, G. C., Hilton, M., Hincks, A. D., Huffenberger, K. M., **Hughes, D. H.**, Hughes, J. P., Infante, L., Irwin, K. D., Juin, J. B., Kaul, M., Klein, J., Kosowsky, A., Lau, J. M., Limon, M., Lin, Y.-T., Lupton, R. H., Marriage, T. A., Marsden, D., Mauskopf, P., Menanteau, F., Moodley, K., Moseley, H., Netterfield, C. B., Niemack, M. D., Nolta, M. R., Page, L. A., Parker, L., Partridge, B., Reid, B., Sehgal, N., Sherwin, B., Spergel, D. N., Staggs, S. T., Swetz, D. S., Switzer, E. R., Thornton, R., Trac, H., Tucker, C., Warne, R., Wollack, E., Zhao, Y., "The Atacama Cosmology Telescope:

Artículos Arbitrados Publicados

- Cosmological Parameters from the 2008 Power Spectrum", ApJ 739, 52-, 9/2011.
19. Franchini, M., Morossi, C., Di Marcantonio, P., Malagnini, M. L., **Chávez, M.**, "The Lick/SDSS Library. II. [Ca/Fe] and [Mg/Fe] in F, G, and K Stars from SDSS-DR7", ApJ 730, 117-, 4/2011.
 20. Frayer, D. T., Harris, A. I., Baker, A. J., Ivison, R. J., Smail, I., Negrello, M., Maddalena, R., **Aretxaga, I.**, Baes, M., Birkinshaw, M., Bonfield, D. G., Burgarella, D., Buttiglione, S., Cava, A., Clements, D. L., Cooray, A., Dannerbauer, H., Dariush, A., De Zotti, G., Dunlop, J. S., Dunne, L., Dye, S., Eales, S., Fritz, J., Gonzalez-Nuevo, J., Herranz, D., Hopwood, R., **Hughes, D. H.**, Ibar, E., Jarvis, M. J., Lagache, G., Leeuw, L. L., Lopez-Caniego, M., Maddox, S., Michałowski, M. J., Omont, A., Pohlen, M., Rigby, E., Rodighiero, G., Scott, D., Serjeant, S., Smith, D. J. B., Swinbank, A. M., Temi, P., Thompson, M. A., Valtchanov, I., van der Werf, P. P., Verma, A., "Green Bank Telescope Zpectrometer CO(1-0) Observations of the Strongly Lensed Submillimeter Galaxies from the Herschel ATLAS", ApJ 726, L22-, 1/2011.
 21. Grande, J., Solà, J., Basilakos, S., **Plionis, M.**, "Hubble expansion and structure formation in the running FLRW model of the cosmic evolution", JCAP 8, 7-, 8/2011.
 22. Hägele, G. F., García-Benito, R., Pérez-Montero, E., Díaz, Á. I., Cardaci, M. V., Firpo, V., **Terlevich, E., Terlevich, R.**, "Abundance determination of multiple star-forming regions in the H II galaxy SDSS J165712.75+321141.4", MNRAS 414, 272-288, 6/2011.
 23. Hajian, A., Acquaviva, V., Ade, P. A. R., Aguirre, P., Amiri, M., Appel, J. W., Barrientos, L. F., Battistelli, E. S., Bond, J. R., Brown, B., Burger, B., Chervenak, J., Das, S., Devlin, M. J., Dicker, S. R., Bertrand Doriese, W., Dunkley, J., Dünner, R., Essinger-Hileman, T., Fisher, R. P., Fowler, J. W., Halpern, M., Hasselfield, M., Hernández-Monteagudo, C., Hilton, G. C., Hilton, M., Hincks, A. D., Hlozek, R., Huffenberger, K. M., **Hughes, D. H.**, Hughes, J. P., Infante, L., Irwin, K. D., Baptiste Juin, J., Kaul, M., Klein, J., Kosowsky, A., Lau, J. M., Limon, M., Lin, Y.-T., Lupton, R. H., Marriage, T. A., Marsden, D., Mauskopf, P., Menanteau, F., Moodley, K., Moseley, H., Netterfield, C. B., Niemack, M. D., Nolta, M. R., Page, L. A., Parker, L., Partridge, B., Reid, B., Sehgal, N., Sherwin, B. D., Sievers, J., Spergel, D. N., Staggs, S. T., Swetz, D. S., Switzer, E. R., Thornton, R., Trac, H., Tucker, C., Warne, R., Wollack, E., Zhao, Y., "The Atacama Cosmology

Artículos Arbitrados Publicados

- Telescope: Calibration with the Wilkinson Microwave Anisotropy Probe Using Cross-correlations", ApJ 740, 86-, 10/2011.
24. Hatsukade, B., Kohno, K., **Aretxaga, I.**, Austermann, J. E., Ezawa, H., **Hughes, D. H.**, Ikarashi, S., Iono, D., Kawabe, R., Khan, S., Matsuo, H., Matsuura, S., Nakanishi, K., Oshima, T., Perera, T., Scott, K. S., Shirahata, M., Takeuchi, T. T., Tamura, Y., Tanaka, K., Tosaki, T., Wilson, G. W., Yun, M. S., "AzTEC/ASTE 1.1-mm survey of the AKARI Deep Field South: source catalogue and number counts", MNRAS 411, 102-116, 2/2011.
 25. **Hernández-Martínez, L.**, Carigi, L., Peña, M., Peimbert, M., "Planetary nebulae as observational constraints in chemical evolution models for NGC 6822", A&A 535, A118, 11/2011.
 26. Hernández-Toledo, H. M., Cano-Díaz, M., Valenzuela, O., **Puerari, I.**, García-Barreto, J. A., Moreno-Díaz, E., Bravo-Alfaro, H., "The Bulgeless Seyfert/LINER Galaxy NGC 3367: Disk, Bar, Lopsidedness, and Environment", AJ 142, 182-, 12/2011.
 27. Hopwood, R., Wardlow, J., Cooray, A., Khostovan, A. A., Kim, S., Negrello, M., da Cunha, E., Burgarella, D., **Aretxaga, I.**, Auld, R., Baes, M., Barton, E., Bertoldi, F., Bonfield, D. G., Blundell, R., Buttiglione, S., Cava, A., Clements, D. L., Cooke, J., Dannerbauer, H., Dariush, A., de Zotti, G., Dunlop, J., Dunne, L., Dye, S., Eales, S., Fritz, J., Frayer, D., Gurwell, M. A., **Hughes, D. H.**, Ibar, E., Ivison, R. J., Jarvis, M. J., Lagache, G., Leeuw, L., Maddox, S., Michałowski, M. J., Omont, A., Pascale, E., Pohlen, M., Rigby, E., Rodighiero, G., Scott, D., Serjeant, S., Smail, I., Smith, D. J. B., Temi, P., Thompson, M. A., Valtchanov, I., van der Werf, P., Verma, A., Vieira, J. D., "Spitzer Imaging of Herschel-atlas Gravitationally Lensed Submillimeter Sources", ApJ 728, L4-, 2/2011.
 28. **Humphrey, A.**, **Zeballos, M. (est.)**, **Aretxaga, I.**, **Hughes, D. H.**, Yun, M. S., Cybulski, R., Wilson, G. W., Austermann, J., Ezawa, H., Kawabe, R., Kohno, K., Perera, T., Scott, K., **Sánchez-Arguelles, D (est.)**, Gutermuth, R., "AzTEC 1.1-mm images of 16 radio galaxies at $0.5 < z < 5.2$ and a quasar at $z = 6.3$ ", MNRAS 418, 74-89, 11/2011.
 29. Ikarashi, S., Kohno, K., Aguirre, J. E., **Aretxaga, I.**, Arumugam, V., Austermann, J. E., Bock, J. J., Bradford, C. M., Cirasuolo, M., Earle, L., Ezawa, H., Furusawa, H., Furusawa, J., Glenn, J., Hatsukade, B., **Hughes, D. H.**, Iono, D., Ivison, R. J., Johnson, S., Kamenetzky, J., Kawabe, R., Lupu, R., Maloney, P., Matsuhara, H., Maukopf, P. D., Motohara, K.,

Artículos Arbitrados Publicados

- Murphy, E. J., Nakajima, K., Nakanishi, K., Naylor, B. J., Nguyen, H. T., Perera, T. A., Scott, K. S., Shimasaku, K., Takagi, T., Takata, T., Tamura, Y., Tanaka, K., Tsukagoshi, T., Wilner, D. J., Wilson, G. W., Yun, M. S., Zmuidzinas, J., "Detection of an ultrabright submillimetre galaxy in the Subaru/XMM-Newton Deep Field using AzTEC/ASTE", MNRAS 415, 3081-3096, 8/2011.
30. Komugi, S., Tosaki, T., Kohno, K., Tsukagoshi, T., Nakanishi, K., Sawada, T., Kawabe, R., Ezawa, H., Kuno, N., Onodera, S., Tamura, Y., Wilson, G. W., Yun, M. S., Scott, K. S., Perera, T. A., Austermann, J. E., **Hughes, D. H.**, **Aretxaga, I.**, Tanaka, K., Muraoka, K., Miura, R., Egusa, F., "Temperature Variations of Cold Dust in the Triangulum Galaxy M 33", PASJ 63, 1139-1150, 10/2011.
31. Koo, B.-C., McKee, C. F., Suh, K.-W., Moon, D.-S., Onaka, T., Burton, M. G., Hiramatsu, M., Bessell, M. S., Gaensler, B. M., Kim, H.-J., Lee, J.-J., Jeong, W.-S., Lee, H.-G., Im, M., Tatematsu, K., Kohno, K., Kawabe, R., Ezawa, H., Wilson, G., Yun, M. S., **Hughes, D. H.**, "IRAS 15099-5856: Remarkable Mid-infrared Source with Prominent Crystalline Silicate Emission Embedded in the Supernova Remnant MSH15-52", ApJ 732, 6, 5/2011.
32. León-Tavares, J., Valtaoja, E., **Chavushyan, V. H.**, Tornikoski, M., **Añorve, C. (est.)**, Nieppola, E., Lähteenmäki, A., "The connection between black hole mass and Doppler boosted emission in BL Lacertae type objects.", MNRAS 411, 1127-1136, 2/2011
33. Maiorano, E., Landi, R., Stephen, J. B., Bassani, L., Masetti, N., Parisi, P., Palazzi, E., Parma, P., Bird, A. J., Bazzano, A., Ubertini, P., Jiménez-Bailón, E., **Chavushyan, V.**, Galaz, G., Minniti, D., Morelli, L., "Searching for active galactic nuclei among unidentified INTEGRAL sources", MNRAS 416, 531-540, 9/2011.
34. Marriage, T. A., Baptiste Juin, J., Lin, Y.-T., Marsden, D., Nolta, M. R., Partridge, B., Ade, P. A. R., Aguirre, P., Amiri, M., Appel, J. W., Barrientos, L. F., Battistelli, E. S., Bond, J. R., Brown, B., Burger, B., Chervenak, J., Das, S., Devlin, M. J., Dicker, S. R., Bertrand Doriese, W., Dunkley, J., Dünner, R., Essinger-Hileman, T., Fisher, R. P., Fowler, J. W., Hajian, A., Halpern, M., Hasselfield, M., Hernández-Monteagudo, C., Hilton, G. C., Hilton, M., Hincks, A. D., Hlozek, R., Huffenberger, K. M., **Hughes, D. H.**, Hughes, J. P., Infante, L., Irwin, K. D., Kaul, M., Klein, J., Kosowsky, A., Lau, J. M., Limon, M., Lupton, R. H., Martocci, K., Mauskopf, P.,

Artículos Arbitrados Publicados

- Menanteau, F., Moodley, K., Moseley, H., Netterfield, C. B., Niemack, M. D., Page, L. A., Parker, L., Quintana, H., Reid, B., Sehgal, N., Sherwin, B. D., Sievers, J., Spergel, D. N., Staggs, S. T., Swetz, D. S., Switzer, E. R., Thornton, R., Trac, H., Tucker, C., Warne, R., Wilson, G., Wollack, E., Zhao, Y., "The Atacama Cosmology Telescope: Extragalactic Sources at 148 GHz in the 2008 Survey", ApJ 731, 100-, 4/2011.
35. Martín-Manjón, M. L., Mollá, M., **Díaz, A. I., Terlevich, R.**, "Evolution of star-forming dwarf galaxies: characterizing the star formation scenarios", MNRAS 2105-, 12/2011.
36. Méndez-Abreu, J., Sánchez Almeida, J., Muñoz-Tuñón, C., Rodríguez-Espinosa, J. M., Aguerra, J. A. L., **Rosa González, D., Mayya, Y. D., Vega, O., Terlevich, R., Terlevich, E., Bertone, E., Rodríguez-Merino, L. H.**, "Wavelength Calibration for OSIRIS/GTC Tunable Filters", PASP 123, 1107-1116, 9/2011.
37. Mezcuá, M., Lobanov, A. P., **Chavushyan, V. H.**, León-Tavares, J., "Black hole masses and starbursts in X-shaped radio sources", A&A 527, A38-, 3/2011.
38. Omont, A., Neri, R., Cox, P., Lupu, R., Guélin, M., van der Werf, P., Weiß, A., Ivison, R., Negrello, M., Leeuw, L., Lehnert, M., Smail, I., Verma, A., Baker, A. J., Beelen, A., Aguirre, J. E., Baes, M., Bertoldi, F., Clements, D. L., Cooray, A., Coppin, K., Dannerbauer, H., de Zotti, G., Dye, S., Fiolet, N., Frayer, D., Gavazzi, R., **Hughes, D.**, Jarvis, M., Krips, M., Michałowski, M. J., Murphy, E. J., Riechers, D., Serjeant, S., Swinbank, A. M., Temi, P., Vaccari, M., Vieira, J. D., Auld, R., Buttiglione, B., Cava, A., Dariush, A., Dunne, L., Eales, S. A., Fritz, J., Gomez, H., Ibar, E., Maddox, S., Pascale, E., Pohlen, M., Rigby, E., Smith, D. J. B., Bock, J., Bradford, C. M., Glenn, J., Scott, K. S., Zmuidzinas, J., "Observation of H₂O in a strongly lensed Herschel-ATLAS source at $z = 2.3$ ", A&A 530, L3-, 6/2011.
39. Panuzzo, P., Rampazzo, R., **Bressan, A., Vega, O.**, Annibali, F., Buson, L. M., Clemens, M. S., Zeilinger, W. W., "Nearby early-type galaxies with ionized gas. VI. The Spitzer-IRS view. Basic data set analysis and empirical spectral classification", A&A 528, A10-, 4/2011
40. Penner, K., Pope, A., Chapin, E. L., Greve, T. R., Bertoldi, F., Brodwin, M., Chary, R.-R., Conselice, C. J., Coppin, K., Giavalisco, M., **Hughes, D. H.**, Ivison, R. J., Perera, T., Scott, D., Scott, K., Wilson, G., "Origins of the

Artículos Arbitrados Publicados

extragalactic background at 1 mm from a combined analysis of the AzTEC and MAMBO data in GOODS-N", MNRAS 410, 2749-2759, 2/2011.

41. **Plionis, M., Terlevich, R.,** Basilakos, S., Bresolin, F., **Terlevich, E.,** Melnick, J., **Chavez, R.,** "A strategy to measure the dark energy equation of state using the H II galaxy Hubble function and X-ray active galactic nuclei clustering: preliminary results", MNRAS 416, 2981-2996, 10/2011.
42. Popović, L. Č., Shapovalova, A. I., Ilić, D., Kovačević, A., Kollatschny, W., Burenkov, A. N., **Chavushyan, V. H.,** Bochkarev, N. G., León-Tavares, J., "Spectral optical monitoring of 3C 390.3 in 1995-2007. II. Variability of the spectral line parameters", A&A 528, A130-, 4/2011.
43. **Rodríguez, M., Delgado-Inglada, G. (est.),** "The Oxygen Abundance in the Solar Neighborhood", ApJ 733, L50-, 6/2011.
44. **Rodríguez-Merino, L. H., Rosa-González, D., Mayya, Y. D.,** "Spatially Resolved Star Formation History Along the Disk of M82 Using Multi-band Photometric Data", ApJ 726, 51-, 1/2011.
45. Roy, A., Ade, P. A. R., Bock, J. J., Brunt, C. M., Chapin, E. L., Devlin, M. J., Dicker, S. R., France, K., Gibb, A. G., Griffin, M., Gundersen, J. O., Halpern, M., Hargrave, P. C., **Hughes, D. H.,** Klein, J., Marsden, G., Martin, P. G., Mauskopf, P., Netterfield, C. B., Olmi, L., Patanchon, G., Rex, M., Scott, D., Semisch, C., Truch, M. D. P., Tucker, C., Tucker, G. S., Viero, M. P., Wiebe, D. V., "Deconvolution of Images from BLAST 2005: Insight into the K3-50 and IC 5146 Star-forming Regions", ApJ 730, 142-, 4/2011.
46. Roy, A., Ade, P. A. R., Bock, J. J., Chapin, E. L., Devlin, M. J., Dicker, S. R., France, K., Gibb, A. G., Griffin, M., Gundersen, J. O., Halpern, M., Hargrave, P. C., **Hughes, D. H.,** Klein, J., Marsden, G., Martin, P. G., Mauskopf, P., Morales Ortiz, J. L., Netterfield, C. B., Noriega-Crespo, A., Olmi, L., Patanchon, G., Rex, M., Scott, D., Semisch, C., Truch, M. D. P., Tucker, C., Tucker, G. S., Viero, M. P., Wiebe, D. V., "The Balloon-borne Large Aperture Submillimeter Telescope (BLAST) 2005: A 10 deg² Survey of Star Formation in Cygnus X", ApJ 727, 114-, 2/2011.
47. Sehgal, N., Trac, H., Acquaviva, V., Ade, P. A. R., Aguirre, P., Amiri, M., Appel, J. W., Barrientos, L. F., Battistelli, E. S., Bond, J. R., Brown, B., Burger, B., Chervenak, J., Das, S., Devlin, M. J., Dicker, S. R., Bertrand Doriese, W., Dunkley, J., Dünner, R., Essinger-Hileman, T., Fisher, R. P., Fowler, J. W., Hajian, A., Halpern, M., Hasselfield, M., Hernández-

Artículos Arbitrados Publicados

- Monteagudo, C., Hilton, G. C., Hilton, M., Hincks, A. D., Hlozek, R., Holtz, D., Huffenberger, K. M., **Hughes, D. H.**, Hughes, J. P., Infante, L., Irwin, K. D., Jones, A., Baptiste Juin, J., Klein, J., Kosowsky, A., Lau, J. M., Limon, M., Lin, Y.-T., Lupton, R. H., Marriage, T. A., Marsden, D., Martocci, K., Mauskopf, P., Menanteau, F., Moodley, K., Moseley, H., Netterfield, C. B., Niemack, M. D., Nolta, M. R., Page, L. A., Parker, L., Partridge, B., Reid, B., Sherwin, B. D., Sievers, J., Spergel, D. N., Staggs, S. T., Swetz, D. S., Switzer, E. R., Thornton, R., Tucker, C., Warne, R., Wollack, E., Zhao, Y., "The Atacama Cosmology Telescope: Cosmology from Galaxy Clusters Detected via the Sunyaev-Zel'dovich Effect", ApJ 732, 44-, 5/2011.
48. Shimajiri, Y., Kawabe, R., Takakuwa, S., Saito, M., Tsukagoshi, T., Momose, M., Ikeda, N., Akiyama, E., Austermann, J. E., Ezawa, H., Fukue, K., Hiramatsu, M., **Hughes, D.**, Kitamura, Y., Kohno, K., Kurono, Y., Scott, K. S., Wilson, G. W., Yoshida, A., Yun, M. S., "New Panoramic View of ^{12}CO and 1.1mm Continuum Emission in the Orion A Giant Molecular Cloud. I. Survey Overview and Possible External Triggers of Star Formation", PASJ 63, 105-, 2/2011.
49. **Silich, S.**, Bisnovatyi-Kogan, G., **Tenorio-Tagle, G.**, **Martínez-González, S. (est.)**, "The Steady-state Wind Model for Young Stellar Clusters with an Exponential Stellar Density Distribution", ApJ 743, 120-, 12/2011.
50. Smolčić, V., Capak, P., Ilbert, O., Blain, A. W., Salvato, M., **Aretxaga, I.**, Schinnerer, E., Masters, D., Morić, I., Riechers, D. A., Sheth, K., Aravena, M., Aussel, H., Aguirre, J., Berta, S., Carilli, C. L., Civano, F., Fazio, G., Huang, J., **Hughes, D.**, Kartaltepe, J., Koekemoer, A. M., Kneib, J.-P., LeFloc'h, E., Lutz, D., McCracken, H., Mobasher, B., Murphy, E., Pozzi, F., Riguccini, L., Sanders, D. B., Sargent, M., Scott, K. S., Scoville, N. Z., Taniguchi, Y., Thompson, D., Willott, C., Wilson, G., Yun, M., "The Redshift and Nature of AzTEC/COSMOS 1: A Starburst Galaxy at $z = 4.6$ ", ApJ 731, L27-, 4/2011
51. Tsukagoshi, T., Saito, M., Kitamura, Y., Momose, M., Shimajiri, Y., Hiramatsu, M., Ikeda, N., Kamegai, K., Wilson, G., Yun, M. S., Scott, K., Austermann, J., Perera, T., **Hughes, D.**, **Aretxaga, I.**, Mauskopf, P., Ezawa, H., Kohno, K., Kawabe, R., "Detection of Strong Millimeter Emission from the Circumstellar Dust Disk around V1094 Sco: Cold and Massive Disk around a T Tauri Star in a Quiescent Accretion Phase?", ApJ 726, 45-, 1/2011.

Artículos Arbitrados Publicados

52. Valyavin, G., Antonyuk, K., Plachinda, S., Clark, D. M., Wade, G. A., Fox Machado, L., Alvarez, M., Lopez, J. M., Hiriart, D., Han, I., Jeon, Y.-B., Bagnulo, S., Zharikov, S. V., Zurita, C., **Mújica, R.**, Shulyak, D., Burlakova, T., "A Study of the Photometric Variability of the Peculiar Magnetic White Dwarf WD 1953-011", ApJ 734, 17-, 6/2011.
53. Viironen, K., Mampaso, A., Corradi, R. L. M., Drew, J. E., Frew, D. J., Giammanco, C., Greimel, R., Liimets, T., Lindberg, J. E., **Rodríguez, M.**, Sabin, L., Sale, S. E., Wilson, P. A., Zijlstra, A., "A new planetary nebula in the outer reaches of the Galaxy", A&A 530, A107-, 6/2011.
54. Villar-Martín, M., **Humphrey, A.**, Delgado, R. G., Colina, L., Arribas, S., "Ionized outflows in SDSS type 2 quasars at $z \sim 0.3-0.6$ ", MNRAS 418, 2032-2042, 12/2011.
55. Villar-Martín, M., Tadhunter, C., **Humphrey, A.**, Encina, R. F., Delgado, R. G., Torres, M. P., Martínez-Sansigre, A., "Interactions, star formation and extended nebulae in SDSS type 2 quasars at $z \sim 0.3-0.6$ ", MNRAS 416, 262-278, 9/2011.
56. Weisskopf, M. C., Romani, R. W., Razzano, M., Belfiore, A., Saz Parkinson, P., Ray, P. S., Kerr, M., Harding, A., Swartz, D. A., **Carramiñana, A.**, Ziegler, M., Becker, W., De Luca, A., Dormody, M., Thompson, D. J., Kanbach, G., Elsner, R. F., O'Dell, S. L., Tennant, A. F., "The Identification of the X-Ray Counterpart to PSR J2021+4026", ApJ 743, 74-, 12/2011.
57. Williams, C. C., Giavalisco, M., Porciani, C., Yun, M. S., Pope, A., Scott, K. S., Austermann, J. E., **Aretxaga, I.**, Hatsukade, B., Lee, K.-S., Wilson, G. W., Cybulski, R., **Hughes, D. H.**, Kawabe, R., Kohno, K., Perera, T., Schloerb, F. P., "On the Clustering of Submillimeter Galaxies", ApJ 733, 92-, 6/2011.
58. Wunsch, R., **Silich, S.**, Palouš, J., **Tenorio-Tagle, G.**, Muñoz-Tuñón, C., "Evolution of Super Star Cluster Winds with Strong Cooling", ApJ 740, 75-, 10/2011.
59. Yun, M. S., Scott, K. S., Guo, Y., **Aretxaga, I.**, Giavalisco, M., Austermann, J. E., Capak, P., Chen, Y., Ezawa, H., Hatsukade, B., **Hughes, D. H.**, Iono, D., Johnson, S., Kawabe, R., Kohno, K., Lowenthal, J., Miller, N., Morrison, G., Oshima, T., Perera, T. A., Salvato, M., Silverman, J., Tamura, Y., Williams, C. C., Wilson, G. W., "Deep 1.1 mm-wavelength



Artículos Arbitrados Publicados

imaging of the GOODS-S field by AzTEC/ASTE - II. Redshift distribution and nature of the submillimetre galaxy population", MNRAS 2141-, 12/2011.

60. **Delgado-Inglada, G. (est.), Rodríguez, M.**, Mampaso, A., Viironen, K., "Erratum: "The Iron Abundance in Galactic Planetary Nebulae" (2009, ApJ, 694, 1335)", ApJ 729, 77-, 3/2011.

Nota de la coordinadora: RMxAA es una revista con parámetros de impacto de nivel internacional, de arbitraje internacional, novena en el ranking internacional de Astronomía, en inglés, y ampliamente leída fuera de México).

61. Avila, R., Sánchez, L., Cruz-González, I., Castaño, V. M., **Carrasco, E.**, "Recalibrated turbulence profiles at San Pedro Mártir", RMxAA 47, 75-82, 4/2011.
62. Flores, A., Koenigsberger, G., **Cardona, O.**, de La Cruz, L., "Wind structure of the Wolf-Rayet star EZ CMa=HD 50896", RMxAA 47, 261-275, 10/2011.
63. **Tovmassian, H. M.**, Yam, O., "Missing Seyfert Galaxies", RMxAA 47, 357-360, 10/2011.

OPTICA

64. M. Merlo, **J. F. Aguilar-Valdez**, E. Martí-Panameño, R. Cortés, V. Coello. "Angle dependence of the interaction distance in the shear force technique". J. Rev. Sci. Instrum. **82**, 083704 (2011); doi:10.1063/1.3624691 (3 pages). Online Publication Date: 16 August 2011.
65. **V. Arrizón-Peña**, D. Sánchez-De la Llave, G. Méndez-U. Ruíz-Corona. "Efficient generation of periodic and quasi-periodic non-diffractive optical fields with phase holograms". Optics Express, **19**, 11, (2011), 10553-10562.
66. E. V. García-Ramírez, M. L. Arroyo-Carrasco, M. M. Méndez-Otero, E. Reynoso-Lara, **S. Chávez-Cerda**, M. D. Iturbe-Castillo. "Z-scan and spatial self-phase modulation of a Gaussian beam in a thin nonlocal nonlinear media". J. Opt. **13** (2011) 085203 (10 pp).

Artículos Arbitrados Publicados

67. **S. Chávez-Cerda**, U. Ruíz-Corona, V. M. Arrizón-Peña, H. M. Moya-Cessa. "Generation of airy solitary-like wave beams by acceleration control in inhomogeneous media". *Optics Express* **19**, 17, (2011), 16448-16454.
68. **C. Gutiérrez-Martínez** J. Santos-Aguilar R. Ochoa-Valiente M. Santiago-Bernal, A. Morales-Díaz. "Modeling and experimental electro-optic response of dielectric Lithium Niobate (LiNbO₃) waveguides used as electric field sensors". *Measurement Science and Technology*, **22**, (2011), 035207-1-035207-7.
69. M. Campos-García, V. I. Moreno-Oliva, R. Díaz-Urbe, **F. Granados-Agustín**, A. Santiago-Alvarado. "Improving fast aspheric convex surface tests with dynamic null screens using LCDs". *Appl. Opt.* **50**, 19, (2011), 3101-3109.
70. **F. S. Granados-Agustín**, A. Jaramillo-Núñez, D. Sacramento-Solano, M. E. Percino-Zacarias, A. Cornejo-Rodríguez. "Lensmeter using a lateral shearing interferometer". *Optik G Model IJLEO-51794*; (2011), No. de páginas 4. **Artículo en prensa.**
71. O. Pottiez, R. Grajales-Coutiño, **B. Ibarra-Escamilla**, E. A. Kuzin, J. C. Hernández-García. "Adjustable noiselike pulses from a figure-eight fiber laser". *Applied Optics* **50** (25) (2011) E24-E31. ISSN: 1559-128X (Print) and 2155-3165 (Online).
72. **B. Ibarra-Escamilla**, O. Pottiez, R. Zhou, Q. Zhan, P. E. Powers, E. A. Kuzin, J. W. Haus. "Wavelength tunable high power laser using a double-clad Er: Yb doped fiber". *Laser Physics* **21** (11) (2011) 1936-1940. ISSN: 1050-660X.
73. J. C. Hernández-García, O. Pottiez, R. Grajales-Coutiño, **B. Ibarra-Escamilla**, E. A. Kuzin, J. M. Estudillo-Ayala, J. Gutiérrez-Gutiérrez. "Generation of long broadband pulses with a figure-eight fiber laser". *Laser Physics* **21** (8) (2011) 1518-1524. ISSN: 1050-660X.
74. D. Ramírez-Martínez, M. M. Méndez-Otero, M. L. Arroyo-Carrasco, **M. D. Iturbe Castillo**. "Alternative (1+1)-D dark spatial soliton-like distributions in Kerr media". *J. Phys. Sci. Appl.* **1** (2011) 196-203.
75. **N. Korneev-Zabello**, P. Rodríguez-Montero, R. Ramos-García, J. C. Ramírez-San Juan, J. P. Padilla-Martínez. "Ultrasound induced by CW laser

Artículos Arbitrados Publicados

- cavitation bubbles". *Journal of Physics* **278**, 012029 (2011). doi:10.1088/1742-6596/278/1/012029.
76. **N. Korneev-Zabello**, P. Rodríguez-Montero. "Rubidium vapour based adaptive interferometer for laser ultrasound detection". *Journal of Physics*, **278**, 012029 (2011). doi: 10.1088/1742-6596/278/1/012040.
77. A. Flores-Rosas, **E. A. Kuzin**, B. Ibarra-Escamilla, O. Pottiez, M. Durán-Sánchez. "Optical switch based on stimulated Raman scattering". *Optical Engineering* **50**, 7, (2011), 071102-1-071102-7.
78. R. I. Alvarez-Tamayo, M. Durán-Sánchez, O. Pottiez, **E. A. Kuzin**, B. Ibarra-Escamilla, A. Flores-Rosas. "Theoretical and experimental analysis of tunable Sagnac Hi-Bi loop filter for dual-wavelength laser application". *Applied Optics*, **50**, 3, (2011), 253-260.
79. R. I. Alvarez-Tamayo, M. Durán-Sánchez, O. Pottiez, **E. A. Kuzin**, B. Ibarra-Escamilla. "Tunable dual-wavelength fiber laser based on a polarization-maintaining fiber Bragg grating and a Hi-Bi fiber optical loop mirror". *Laser Physics* **21**, (11), (2011) 1932-1935. ISSN: 1050-660X.
80. **G. Martínez-Niconoff**, P. Martínez-Vara, J. Muñoz-López, J. J. Juárez-Morales, A. Carbajal-Domínguez. "Partially coherent surface plasmon beams". *Journal European of the Optical Society Jeos*. **6**, (2011), 11009-11015.
81. S. Koeber, F. Gallego-Gómez, M. Salvador, F. B. Kooistra, J. C. Hummelen, K. Alemán-Ayala, **S. Mansurova**, K. Meerholz. "Influence of the sensitizer reduction potential on the sensitivity of the photorefractive polymer composites". *J. Mater. Chem.*, **20**, 6170–2010, (2010).
82. D. Rodríguez-Méndez, **H. Moya-Cessa**. "Noon states in entangled cavities". *Optics Commun.*, **284**, (2011), 3345-3347.
83. A. Pérez-Leija, **H. Moya-Cessa**, F. Soto-Eguibar, O. Aguilar-Loreto, A. Szameit, D. N. Christodoulides. "Classical analogs to quantum nonlinear coherent states in photonic lattices". *Opt. Commun.*, **284**, 7, (2011), 1833-1836.



Artículos Arbitrados Publicados

- 84.R. de J. León-Montiel, E. A. Martí-Panameño, **H. Moya-Cessa**. "New method to evaluate divergent series via the wigner function". App. Math. Inf., Sc, **5**, 2, (2011), 301-306.
- 85.R. de J. León-Montiel, **H. Moya-Cessa**. "Modelling non linear coherent states in fiber arrays". Int. J. of Quantum Inf., **9**, S1, (2011), 349-355.
- 86.B. M. Rodríguez-Lara, D. Rodríguez-Méndez, **H. M. Moya-Cessa**. "Solution to the Landau-Zener problema via susskind-glogower operators". Phys., Lett. A **375**, (2011), 3770-3774.
- 87.R. Keil, A. Pérez-Leija, F. Dreisow, M. Heinrich, **H. M. Moya-Cessa**, S. Nolte. "Displaced fock states and quantum correlations in Glauber-Fock photonic lattices". Phys., Rev. Lett. **107**, (2011), 103601-1-103601-5.
- 88.R. C. Fontanilla-Urdaneta, **A. Olivares-Pérez**, I. Fuentes-Tapia, M. A. Ríos-Velasco. "Analysis of voltage effect on holographic gratings by modulation transfer function". Applied. Optics, **50**, (2011), 1827-1831.
- 89.R. C. Fontanilla-Urdaneta, **A. Olivares-Pérez**, I. Fuentes-Tapia. "Real time holographic gratings modulate with voltage by different thickness film". Opt. Eng. **50**, 4, (2011), 045801-1-045801-3.
90. **A. Olivares-Pérez**, M. P. Hernández-Garay, I. Fuentes-Tapia, J. C. Ibarra-Torres. "Holograms in polivinil alcohol photosensitized with $\text{CuCl}_2 \cdot (2\text{H}_2\text{O})$ ". Opt. Eng., **50**, 6, (2011), 065801-1, -065801-6.
91. **J. C. Ramírez-San Juan**, J. P. Padilla-Martínez, P. Zaca-Morón, R Ramos-García. "Micro-hole drilling in thin film with cw low power lasers". Optical Materials. Express, **1**, (2011), 598-604.
92. A. Garza-Rivera, **F. J. Renero-Carrillo**. "Design of artificial apposition compound eye with cylindrical micro-doublets". Optical Review, **18**, 1, (2011), 184-186.
- 93.O. J. Zapata-Nava, **P. Rodríguez-Montero**, M. D. Iturbe-Castillo, C. G. Treviño-Palacios. "Grating cavity dual wavelength dye laser". Optics Express **19**, Issue 4, (2011), 3483-3493.



Artículos Arbitrados Publicados

94. J. E. Antonio-López, **J. J. Sánchez-Mondragón**, P. LiKamWa, D. A. May-Arrijoa. "Fiber optics sensor for liquid level measurement". *Optics Letters*, **36**, 17, (2011), 3425-3427.
95. I. Hernández-Romano, D. Mandridis, D. A. May-Arrijoa, **J. J. Sánchez-Mondragón**, P. J. Delfyett. "Mode-locked fiber laser using a Novel SU8/SWCN saturable absorber". *Optics Letters*, **36**, 11, (2011), 2122-2124.
96. I. Hernández-Romano, J. Dávila-Rodríguez, D. Mandridis, **J. J. Sánchez-Mondragón**, D. A. May-Arrijoa, P. J. Delfyett. "4 GHz hybrid mode locked fiber laser using PDMS/SWCNT thin film composite". *Journal of Lightwave Technology*, **29**, 21, (2011), 3237-3242.
97. **F. Soto-Eguibar**, H. Moya-Cessa. "Inverse of the vandermonde and vandermonde confluent matrices". *Applied Mathematics and Information Sciences*, **5**, 3, (2011), 361-366.
98. R. Mar-Sararo, **F. Soto-Eguibar**, H. Moya-Cessa. "Many fields interaction: beams splitters and waveguide arrays". *Annalen der Physik*, **523**, 5, (2011), 402-407.
99. **A. Shcherbakov**, A. Yu. Kosarsky, P. Moreno-Zárata, J. Campos-Acosta, Y. V. Il'in, I. S. Tarasov. "Characterization of the train-average time-frequency parameters inherent in the low-power picosecond optical pulses generated by the actively mode-locked semiconductor laser with an external single-mode fiber cavity". *OPTIK International Journal for Light & Electron. Optics*, **122**, (2011), 136-141.
100. **A. Shcherbakov**, J. Maximov, A. M. Bliznetsov, K. J. Sánchez Pérez. "Potentials of the acousto-optical spectrum analysis on a basis of a novel algorithm of the collinear wave heterodyning in a large-aperture KRS-5 crystalline cell". *Optical Engineering*, **50**, issue 3, 034002, (2011), 1-14.
101. O. J. Zapata-Nava, **C. G. Treviño-Palacios**, M. D. Iturbe-Castillo y P. Rodríguez-Montero. "Grating cavity dual wavelength dye laser". *Virtual Journal of Biomedical Optics*, **3** Issue 3, (March 18, 2011).
102. **G. Urcid-Serrano**, J. C. Valdiviezo-Navarro, G. X. Ritter. "Lattice algebra approach to color image segmentation". *Springer Verlag Journal of*

Artículos Arbitrados Publicados

Mathematical Imaging and Vision, DOI: 10.1007/s10851-011-0302-2, June 2011. 1-10.

103. J. Herrera, **S. Vázquez-Montiel**, E. Luna, L. Salas, J. Núñez, E. Sohn, E. Ruiz. "Variant of the anastigmatic telescope with three mirrors for back focal length". Applied Optics, **50**, 13, (2011), 1905-1914.
104. **A. Cornejo-Rodríguez**. "The first years of optics in Mexico and the Role of the Boletín de los observatorios de Tonantzintla y Tacubaya on its Development". Rev. Mex. A. A., **39**, (2011), 109-115.
105. R. Juárez-Amaro, A. Zuñiga-Segundo, **H. M. Moya-Cessa**. "Solution for the dispersive and dissipative atom-field Hamiltonian under time dependent linear amplification processes". Revista Mexicana de Física S. **57**, (2011), 76-78.
106. R. de León-Montiel, **H. M. Moya-Cessa**, F. Soto-Eguibar. "Nonlinear coherent states for the Susskind-glogower operators". Revista Mexicana de Física S. **57**, 3, (2011), 133-147.
107. D. Rodríguez-Méndez, O. Aguilar-Loreto, **H. M. Moya-Cessa**. "Mirror-field-atom interaction: Hamiltonian diagonalization". Revista Mexicana de Física S. **57**, (2011), 62-64.
108. **F. Soto-Eguibar**, O. Aguilar-Loreto, A. Pérez-Leija, H. Moya-Cessa, D. N. Christodoulides. "Finite photonic lattices: A solution using characteristic polynomials". Revista Mexicana de Física, **57**, 2, (2011), 158-161.
109. B. Morales-Cruzado, **S. Vázquez-Montiel**. "Obtención de los parámetros ópticos de la piel usando algoritmos genéticos y MCML". Revista Mexicana de Física, **57**, 4, (2011), 375-381.

ELECTRONICA

110. "Dose Dependent Shift of the TL Glow Peak in a Silicon Rich Oxide (Sro) Film" T. M. Piters, **M. Aceves-Mijares**, D. Berman-Mendoza, L. R: Berriel-Valdos and J. A. Luna López. Vol. 57, No. 2 pp 26-29 (2011).
111. "Determination Of The Energy States Of The Donor Acceptor Decay Emission In Silicon Rich Oxide Prepared By Low-Pressure Chemical Vapor Deposition" R. López –Estopier, **M. Aceves-Mijares** and Z. Yu. J. Vac. Sci. Technol B. Vol. 29, No. 2, doi: 10.1116/1.3554735 (2011).



Artículos Arbitrados Publicados

112. "On the photoluminescence of multilayer arrays of silicon rich oxide with high silicon content prepared by low pressure chemical vapor deposition" E. Quiroga-González, W. Bensch, **M. Aceves-Mijares**, Z. Yu, R. López-Estopier, K. Monfil-Leyva. *Thin Solid Films*, doi:10.1016/j.tsf.2011.06.020 (2011).
113. Humberto Lobato-Morales, D. V. B. Murthy, **Alonso Corona-Chávez**, José Luis Olvera-Cervantes, Juan Martínez-Brito, and Luis Gerardo Guerrero-Ojeda, "Permittivity Measurements at Microwave Frequencies Using Epsilon-Near-Zero (ENZ) Tunnel Structure", *IEEE Microwave Transactions and Techniques*. Issue:99, pp 1-1, April 2011.
114. Lopez-Garcia, D. V. B. Murthy, and **A. Corona-Chavez**, "Half Mode Microwave Filters Based On Epsilon Near Zero And Mu Near Zero Concepts", *Progress In Electromagnetics Research*, Vol. 113, pp. 379-393, 2011
115. A. Jaimes-Vera, I. Llamas-Garro y **A. Corona-Chavez**, "Coaxial Narrowband Filters Using a Versatile Suspended Resonator", *Progress In Electromagnetics Research*, Vol. 115, pp. 79-94, 2011
116. **A. Corona-Chavez**, M. Nogues-Hoyos, L. Esteras-Otal, D. V. B. Murthy, and B. Sanchez-Rinza, "A High-Temperature Superconducting Notch Filter to Suppress Cellular-Band Interference in Radiotelescopes", *IEEE Transactions On Applied Superconductivity*, Vol. 21, No. 2, April 2011.
117. **Alonso Corona-Chavez**, D. V. B Murthy, and Jose Luis Olvera-Cervantes, "Novel Microwave Filters Based O Epsilon Near Zero Waveguide Tunnels", *Microwave And Optical Technology Letters* , Vol. 53, No. 8, August 2011.
118. **Humberto Lobato-Morales**, **Alonso Corona-Chávez**, Tatsuo Itoh, and José L. Olvera-Cervantes, "Dual-Band Multi-Pole Directional Filter for Microwave Multiplexing Applications", *IEEE Microwave And Wireless Components Letters*, accepted for publication, preview on (<http://ieeexplore.ieee.org>) November 2011, pp. 1-3. ISSN: 1531-1309.
119. Jose Luis Olvera-Cervantes, **Alonso Corona-Chavez** and D.V.B Murthy, " Novel Compact Size Bandstop Filter With Shorted-Stub Loaded Ring Resonator", *Microwave And Optical Technology Letters*, Wiley-Interscience , Vol. 53, No. 12, December 2011, pp. 2766-2768. ISSN: 0895-2477



Artículos Arbitrados Publicados

120. **Tejinder Kaur Kataria**, Shih-Peng Sun, **Alonso Corona-Chavez**, and Tatsuo Itoh, "New Approach to Hybrid Multiplexer Using Composite Right-Left Handed Lines", IEEE Microwave And Wireless Components Letters, Vol. 21, No. 11, November 2011, pp. 580-582. ISSN: 1531-1309
121. Orduña-D, E. Castillo-D, A. Torres-J, **F.J. De la Hidalga-W**, and C.G. Treviño-P, "Design and Fabrication of a Bidimensional Microbolometer Array for TeraHertz Detection Characterized at Different Temperatures", Journal of Physics, Conference Series 274, 012112 (2011).
122. O. Malik, F. J. **De la Hidalga-W**, Device Application of Non-Equilibrium MOS Capacitors Fabricated on High Resistivity Silicon, International Journal on Smart Sensing and Intelligent Systems, ISSN 1178-5608, Vol. 4, No. 4, pp. 686-697, Dec. 2011.
123. Lopez-Hernandez, **A. Diaz-Mendez**, J.L. Del-Rio-Correa, M. Cruz-Irisson, R. Vazquez-Medina, "A current mode CMOS noise generator using multiple Bernoulli maps, Microelectronic Engineering", In Press, 10 May 2011, ISSN 0167-9317, DOI: 10.1016/j.mee.2011.05.009.
124. J.A. Martinez-Nonthe, A. Castaneda-Solis, **A. Diaz-Mendez**, M. Cruz-Irisson, R. Vazquez-Medina, "Chaotic block cryptosystem using high precision approaches to tent map", Microelectronic Engineering, In Press, Available online 19 April 2011, ISSN 0167-9317, DOI: 10.1016/j.mee.2011.04.005.
125. Trejo, A. Miranda, L. Nino de Rivera, **A. Diaz-Mendez**, M. Cruz-Irisson, "Phonon optical modes and electronic properties in diamond nanowires", Microelectronic Engineering, In Press, Available online 24 April 2011, ISSN 0167-9317, DOI: 10.1016/j.mee.2011.04.052.
126. **Luis F. Cisneros-Sinencio**, **Alejandro Diaz-Sanchez**, and Jaime Ramirez Angulo, "Noise margin and short-circuit current in FGMOS logics" Journal IEICE Electronics Express, Vol. 8, No. 23, pp. 1967-1971.
127. **M.A. Gutiérrez de Anda**, I. Meza Dector, A second-order lowpass parameter-varying filter based on the interconnection of first-order stages, IEEE Transactions on Circuits and Systems I: Regular Papers, vol. 58, no. 8, pp. 1840-1853, August 2011. <http://dx.doi.org/10.1109/TCSI.2011.2107230>



Artículos Arbitrados Publicados

128. **J. A. Reyes-Avedaño, U. Algreto-Badillo, P. Halevi,** and F.Pérez-Rodríguez, From photonic crystals to metamaterials: the bianisotropic response New Journal of Physics **13**(2011)073041 (33 páginas)
129. Hector Vazquez-Leal, **Luis Hernandez-Martinez,** Arturo Sarmiento-Reyes, Roberto Castañeda-Sheissa, and Agustín Gallardo-Del-Angel, “Homotopy method with a formal stop criterion applied to circuit simulation”, IEICE Electron. Express, Vol. 8, No. 21, pp.1808-1815, 2011.
130. Héctor Vázquez-Leal, Roberto Castañeda-Sheissa, Felipe Rabago-Bernal, **Luis Hernández-Martínez,** Arturo Sarmiento-Reyes, and Uriel Filobello-Niño, “Powering Multiparameter Homotopy-Based Simulation with a Fast Path-Following Technique,” ISRN Applied Mathematics, vol. 2011, Article ID 610637, 7 pages, 2011. doi:10.5402/2011/610637.
131. Héctor Vázquez-Leal, Roberto Castañeda-Sheissa, Raúl Martínez-Campos, Carlos Blázquez Domínguez, and **Luis Hernandez-Martinez,** “Proposal of a universal electronic medical record for México”,The Internet Journal of Medical Informatics, Internet Scientific Publications LLC, Vol. 6, No. 1, 2011.
132. Fernandez-Vasquez, **G. Jovanovic Dolecek,** “An L1 design of GCF compensation filter”, Revista: Signal Processing (Elsevier) vol.91. 2011, pp.1143-1149.
133. M. Laddomada, D. Troncoso, **G. Jovanovic Dolecek,** “Design of Multiplierless Decimation Filters Using an Extended Search of Cyclotomic Polynomials”, Revista: IEEE Transactions on Circuits and Systems-II: Express Briefs, vol.58, No2, February 2011, pp.115-119.
134. M. Laddomada, **G. Jovanovic Dolecek,** Lim Yong Ching, Markku Renfors, and Lars Wanhammar, “Advanced techniques on multirate signal processing for digital information processing”, IET Signal Processing, 2011, vol.5, No.3, pp. 313-315.
135. **G. Jovanovic Dolecek** and Fred Harris, “On MATLAB demonstrations of narrowband Gaussian noise,” John Wiley & Sons journal Computer Applications in Engineering Education. , vol.19, no. 3, pp.598-603, Sept. 2011 (Science citation index (SCI))
136. “CMOS Full-adders for energy-efficient arithmetic applications”, Aguirre-Hernández Mariano, **Linares-Aranda Mónico.** IEEE transactions on Very-Large Scale Integration Systems. Vol. 19, No. 4, pp. 718-721, April 2011.

Artículos Arbitrados Publicados

137. "A design-oriented methodology for accurate modeling of on-chip interconnects". Oscar Gonzalez Diaz, **Monico Linares Aranda**, Reydezel Torres Torres. Journal of Analog Integrated Circuits and Signal Processing. Pp. 1-10, July 2011.
138. **Juan Manuel Ramirez**, Pilar Gomez-Gil, Vicente Alarcon-Aquino, D. Báez López, R. Enríquez Caldera, "A biometric system based on neural networks and SVM using morphological feature extraction from hand-shape images", Informática International Journal; ISSN 0868-4952, Vol. 22, No. 2, pp. 225–240, 2011.
139. **Juan Manuel Ramírez**, Pilar Gómez-Gil, Jorge Martínez Carballido, Filiberto Lopez' "A LabView based Autonomous Vehicle Navigation System using Robot Vision and Fuzzy Control", Revista "Ingeniería Investigación y Tecnología", Vol. XII, Num. 2, pp. 129-136, ISSN 1405-7743, (Índice de Revistas Mexicanas de Investigación Científica y Tecnológica del CONACYT), 2011.
140. Hector García-Baleón, Vicente Alarcon-Aquino, **Juan Manuel Ramirez-Cortes**, Oleg Starostenko, Pilar Gomez-Gil, "Biometric Cryptosystem based on Keystroke Dynamics and K-Medoids", IETE Journal of Research, Vol. 57, No. 4, pp. 385-394, ISSN 0377-2063, July-August, 2011.
141. A. Sánchez-López, F.V. Fernández, **E. Tlelo-Cuautle**, S. X.-D. Tan, "Pathological Element-Based Active Device Models and Their Application to Symbolic Analysis", IEEE Transactions on Circuits and Systems I: Regular papers, vol. 58, no. 6, pp. 1382-1395, ISSN: 1549-8328 (Print), 2011. DOI: 10.1109/TCSI.2010.2097696 .
142. B. Sánchez-López, **E. Tlelo-Cuautle**, E. Martínez-Romero, "Symbolic Analysis of OTRAs-Based Circuits", Journal of Applied Research and Technology, vol. 9, no. 1, pp. 69-80, ISSN: 1665-6423 (Online), April 2011. E. Martínez-Romero fué estudiante de maestría graduado en noviembre de 2010.
143. V.H. Carbajal-Gómez, **E. Tlelo-Cuautle**, R. Trejo-Guerra, C. Sánchez-López, J.M. Muñoz-Pacheco, "Experimental Synchronization of Multiscroll Chaotic Attractors using Current-Feedback Operational Amplifiers", Nonlinear Science Letters B: Chaos, Fractal and Synchronization, vol. 1, no. 1, pp. 37-42, ISSN: 2078-2314, 2011.

Artículos Arbitrados Publicados

144. A. De Moya, A. Perez, J. Plaza, **E. Tlelo**, A. Torres, "A Procedure to Obtain the Solution of the Potential Function in Semiconductor Materials", Revista Colombiana de Física, vol. 42, no. 2, pp. 132-135, ISSN: 0120-2650 (Online), 2010.
145. J.M. Muñoz-Pacheco, W. Campos-López, **E. Tlelo-Cuautle**, C. Sánchez-López, OpAmp-, CFOA- and OTA-Based Configurations to Design Multi-Scroll Chaotic Oscillators, Trends in Applied Sciences Research, vol. 7, no. 2, eISSN: 2151-7908, pISSN: 1819-3579, 2012. DOI: 10.3923/tasr.2012
146. Roberto Ambrosio, **Alfonso Torres**, Carlos Zuñiga, Mario Moreno, and Jose Mireles Jr.; "Optimization of the contact resistance in the interface structure of n-type Al/a-SiC:H by thermal annealing for optoelectronics applications"; Phys. Status Solidi A, 1–5 (2010)
147. Orduña-Díaz, C.G. Treviño-Palacios, M. Rojas-Lopez, R. Delgado-Macuil, V.L. Gayou, **A. Torres-Jacome**, "FTIR and electrical characterization of a-Si:H layers deposited by PECVDat different boron ratios"; Materials Science and Engineering B 174 (2010) 93–96
148. M. Rojas-López, A. Orduña-Díaz, R. Delgado-Macuil, V.L. Gayou, M. Bibbins-Martínez, **A. Torres-Jácome**, C.G. Treviño-Palacios, "a-Si:H crystallization from isothermal annealing and its dependence on the substrate used", Materials Science and Engineering B 174 (2010) 137–140
149. Joel Molina, **Ana Muñoz**, **Alfonso Torres**, Mauro Landa, Pablo Alarcon, Manuel Escobar; "Enhancement of the electrical characteristics of MOS capacitors by reducing the organic content of H₂O-diluted Spin-On-Glass based oxides", Materials Science and Engineering B 176 (2011) pp. 1353–1358.
150. G. Hernández-Sosa, **R. Torres-Torres**, and Adán Sánchez, "Impedance matching of traces and multilayer via transitions for on-package links," IEEE Microwave and Wireless Components Letters, Vol. 21, No. 11, pp. 595–597, Nov. 2011. ISSN: 1531-1309.
151. García-Juárez, **I. E. Zaldívar-Huerta**, G. Aguayo-Rodríguez, J. Rodríguez-Asozoza, R. Gómez-Colín, M. C. Acosta-Enriquez, A. Rojas-Hernández, "Coherent demodulation of microwave signals by using optical heterodyne technique with applications to point to point indoor wireless communications systems", Journal of Physics: Conference Series (JPCS), Published online: 25 February 2011, Vol. 274 No. 1 (2011) 012008.

Artículos Arbitrados Publicados

152. G. Aguayo-Rodríguez, **I. E. Zaldívar-Huerta**, A. García-Juárez, J. Rodríguez-Asomoza, L. Larger, N. Courjal, “Photonic filtering of microwave signals in the frequency range of 0.01-20 GHz using a Fabry-Perot filter”, Journal of Physics: Conference Series (JPCS), Published online: 25 February 2011, Vol. 274 No. 1 (2011) 012014.
153. “Alternative Post-Processing on a CMOS Chip to Fabricate a Planar Microelectrode Array”, Francisco López-Huerta, Agustín L. Herrera-May Johan J. Estrada-López, **Carlos Zúñiga-Islas**, Blanca Cervantes-Sanchez, Enrique Soto-Eguibar, Blanca S. Soto, Sensors 2011, 11, 10940-10957; doi:10.3390/s111110940, 2011 pag 10941-10957.
154. **Linares Aranda M.** González Díaz O., Salim Maza M. “Sincronización de circuitos integrados complejos”. Revista Superficies y Vacío, pp. 43-53, Junio 2011.
155. M. A. Domínguez-J., **P. Rosales-Q.**, A. Torres-J., J. Molina-R, M. Moreno-M., C. Zúñiga-I., and W. Calleja-A., Felipe Coyotl-M., “Óxido de silicio SOG como dieléctrico de compuerta recocido a 200 Superficies y Vacío 24(1) 1-4 marzo de 2011.
156. **P. Rosales-Quintero**, M. Moreno-Moreno, A. Torres-Jacome, F.J. De la Hidalga Wade, J. Molina-Reyes, W. Calleja-Arriaga, and C. Zuniga-Islas, “Impact of the base doping concentration on the transport mechanisms in n-type a-SiGe:H/p-type c-Silicon Heterojunctions”, Revista Mexicana de Física, 57 (2) 133–139, 2011.
157. Francisco López, Blanca S. Soto, **Carlos Zúñiga** y Salvador Alcántara, “Arreglo de Microelectrodos Planares con Procesos CMOS Estándar (Semiconductor Complementario Metal-Oxido), Información Tecnológica, vol. 22(3), (2011) 115 – 124.

Ciencias Computacionales.

158. “Automatic face interpretation using fast 3D illumination-based AAM models”. **Salvador E. Ayala-Raggi**, **Leopoldo Altamirano-Robles**, and Janeth Cruz-Enriquez. Computer Vision and Image Understanding. Volume 115, Issue 2, February 2011, Pages 194-210. doi:10.1016/j.cviu.2010.11.005. ISSN:1077-3142. **IMPACT FACTOR 2.534**

Artículos Arbitrados Publicados

159. "Recording Lifetime Behavior and Movement in an Invertebrate Model". Sige Zou, Pablo Liedo, **Leopoldo Altamirano-Robles**, Janeth Cruz-Enriquez, Amy Morice, Donald K. Ingram, Kevin Kaub, Nikos Papadopoulos, James R. Carey. In PLoS ONE. Volume 6 Issue 4. doi:10.1371/journal.pone.0018151. Received: November 15, 2010; Accepted: February 22, 2011; Published: April 12, 2011. 7p. ISSN: 1932-6203. **IMPACT FACTOR 4.411**
160. "An FPGA Implementation to Detect Selective Cationic Antibacterial Peptides". Carlos Polanco González, Marco Aurelio Nuño Maganda, **Miguel Arias-Estrada**, Gabriel del Rio. In PLoS ONE. Volume 6 Issue 6. published 28 Jun 2011 doi:10.1371/journal.pone.0021399-6423. pp 260-273. 7p. ISSN: 1932-6203. **IMPACT FACTOR 4.411**
161. "Decision tree induction using a fast splitting attribute selection for large datasets". **A. Franco-Arcega**, **J. A. Carrasco-Ochoa**, G. Sánchez-Díaz and **J. Fco. Martínez-Trinidad**, Expert Systems with Applications, DOI 10.1016/j.eswa.2011.05.087. Volume 38, Issue 11, October 2011, Pages 14290-14300. ISSN: 0957-4174. **IMPACT FACTOR 1.926.**
162. "General Framework for Class-Specific Feature Selection". **Pineda-Bautista Bárbara B.**, **Carrasco-Ochoa J. A.** and **Martínez-Trinidad J. Fco.**, Experts Systems with Applications, Volume 38(8), pp. 10018-10024, August 2011. ISSN: 0957-4174. **IMPACT FACTOR 1.926.**
163. "Reducing the Number of Canonical Form Tests for Frequent Subgraph Mining", **Andrés Gago-Alonso**, **Jesús Ariel Carrasco-Ochoa**, José E. Medina-Pagola, **José Fco. Martínez-Trinidad**, Computación y Sistemas. Vol. 15 No. 2, Oct-Dic. 2011. pp 251-265.
164. "On the Implementation of a Hardware Architecture for an Audio Data Hiding System". **Jose Juan Garcia-Hernandez**, **Claudia Feregrino-Uribe**, **Rene Cumplido**, **Carolina Reta**. Journal of Signal Processing Systems, Springer, 2011, Vol. 64, Issue 3, September 2011. pp. 457-468, ISSN: 1939-8018. **IMPACT FACTOR 0.623.**
165. "Bit-Serial and Digit-Serial GF(2^m) Montgomery Multipliers using Linear Feedback Shift Registers". Miguel Morales-Sandoval, **Claudia Feregrino-Uribe**, Paris Kitsos. IET Computers & Digital Techniques, 2011, Vol. 5, Iss. 2, pp. 86– 94, DOI: 10.1049/iet-cdt.2010.0021, ISSN: 1751-8601. **IMPACT FACTOR 0.484.**

Artículos Arbitrados Publicados

166. “A Neural Network Scheme for Long-term Forecasting of Chaotic Time Series” **Gómez-Gil P**, Ramírez-Cortés JM, **Pomares Hernández SE**, Alarcón-Aquino V. Neural Processing Letters. Vol.33, No. 3, June 2011. pp 215-233. Published online: March 8, 2011. DOI: 10.1007/s11063-011-9174-0 (cited at JCR Science Edition—2009). ISSN 1370-4621. **IMPACT FACTOR 1.088.**
167. “Leukemia identification from bone marrow cells images using a machine vision and data mining strategy”. **Jesus A. Gonzalez**, Ivan Olmos, **Leopoldo Altamirano**, **Blanca A. Morales**, **Carolina Reta**, **Martha C. Galindo**, Jose E. Alonso, Ruben Lobato. Intelligent Data Analysis. ISSN: 1088-467X (Print), 1571-4128 (Online). Computer Science, Artificial Intelligence and Mathematical Analysis. Volume 15, Number 3 / 2011. pp. 443-462. DOI: 10.3233/IDA-2010-0476. Computer & Communication Sciences. Online Date: Tuesday, May 10, 2011. **IMPACT FACTOR 0.412.**
168. “Fuzzy emerging patterns for classifying hard domains”, Milton García-Borroto, **José Fco Martínez-Trinidad** and **Jesús Ariel Carrasco-Ochoa**, Knowledge and Information Systems, Volume 28(2), pp. 473-489, 2011. August 2011. ISSN: 0219-1377. **IMPACT FACTOR 2.008.**
169. “RP-Miner: a relaxed prune algorithm for frequent similar pattern mining”, **Ansel Yoan Rodríguez-González**, **José Francisco Martínez-Trinidad**, **Jesús Ariel Carrasco-Ochoa** and José Ruiz-Shulcloper, Knowledge and Information Systems, Volume 27(3), June 2011, pp: 451-471, , DOI: 10.1007/s10115-010-0309-9. ISSN: 0219-1377. **IMPACT FACTOR 2.008.**
170. “Fast Most Similar Neighbor (MSN) classifiers for Mixed Data”. **Selene Hernández Rodríguez**, **José Fco. Martínez-Trinidad**, and **Jesús Ariel Carrasco-Ochoa**. Computación y Sistemas. ISSN 1405-5546. Junio-Septiembre 2010 volumen 14 numero 1 pp. 71-84 (impreso enero 2011).
171. “Learning to Select the Correct Answer in Multi-Stream Question Answering”. **Alberto Téllez-Valero**, **Manuel Montes-y-Gómez**, **Luis Villaseñor-Pineda**, Anselmo Peñas-Padilla. Journal of Information Processing and Management. , Vol. 47, Issue 6, pages 805-910. November 2011 ISSN: 0306-4573. **IMPACT FACTOR 1.673.**
172. “Bilingual Document Clustering: Evaluating Cognates as Features”. **Claudia Denicia-Carral**, **Manuel Montes-y-Gómez**, **Luis Villaseñor-Pineda** and David Pinto-Avenidaño. Canadian Journal of Information and Library

Artículos Arbitrados Publicados

- Science. Volume 35, Number 3, September 2011, pp. 265-286. (Indexada en Social Science JCR). ISSN: 1195-096X. **IMPACT FACTOR 0.000.**
173. “An Energy-based Model for Region-labeling”. Hugo Jair Escalante, **Manuel Montes, Enrique Sucar**. Computer Vision and Image Understanding, Volume 115, Issue 6, June 2011. doi:10.1016/j.cviu.2011.02.002. pp 787-803. ISSN: 1077-3142. **IMPACT FACTOR 2.534.**
174. “Using a Markov Random Field for Image Re-ranking Based on Visual and Textual Features”. **Omar Chávez, Manuel Montes, Enrique Sucar**. Computación y Sistemas. Vol. 14, No. 4, April-June 2011. ISSN: 1405-5546 (En índice de Conacyt).
175. “Multiagent System Applied to the Modeling and Simulation of Pedestrian Traffic in Counterflow”. Ana Luisa Ballinas-Hernandez, **Angelica Muñoz-Melendez**, Alejandro Rangel-Huerta. The Journal of Artificial Societies and Social Simulation. Vol. 14, Issue 3, June 2011. (20 páginas). (Indexada en Social Science JCR). ISSN:1460-7425. **IMPACT FACTOR 1.733.**
176. “An Efficient Δ -Causal Distributed Algorithm for Synchronous Cooperative Systems in Unreliable Networks”, **Saul E. Pomares Hernandez, Eduardo Lopez Dominguez, Gustavo Rodriguez Gomez**, Computación y Sistemas, Eds. Centro de Investigación en Computación-IPN, ISSN 1405-5546. Junio-Septiembre 2010 volumen 14 numero 1 pp. 31-42 (impreso enero 2011).
177. “EDUCA: A web 2.0 authoring tool for developing adaptive and intelligent tutoring systems using a Kohonen network”, Ramón Zatarain Cabada, Maria Lucia Barrón-Estrada, **Carlos Alberto Reyes-García**, in Expert Systems with Applications, Ed. Elsevier, Volume 38, Issue 8, August 2011, pp. 9522-9529, doi:10.1016/j.eswa.2011.01.145. ISSN: 0957-4174. **IMPACT FACTOR 1.926.**
178. “A Comparison of Dynamic Naive Bayesian Classifiers and Hidden Markov Models for Gesture Recognition” H.H. Avilés-Arriaga, **L.E. Sucar-Sucar**, C.E. Mendoza-Durán, L.A. Pineda-Cortés Journal of Applied Research and Technology, (2011) Vol.9 No.1: pp. 81-102. ISSN: 1665-6423. **IMPACT FACTOR 0.220.**
179. “Hacia la identificación de relaciones de hiponimia/hiperonimia en Internet”. Rosa María Ortega, César Aguilar, **Luis Villaseñor, Manuel Montes** y Gerardo Sierra. Revista Signos, DOI: 10.4067/S0718-09342011000100005, pp. 68-84, versión on line ISSN 0718-0934, Volumen 44, Número 75, Marzo



Artículos Arbitrados Publicados

2011. (Indexada en Social Science JCR). ISSN 0035-0451 versión impresa.
IMPACT FACTOR 0.154.

180. “Un método independiente del idioma para responder preguntas de definición”. **Claudia Denicia-Carral, Luis Villaseñor-Pineda, Manuel Montes-y-Gómez.** Computación y Sistemas. Vol. 14 No. 2, 2010, pp 97-115. (en índice de Conacyt) (impreso enero 2011).
181. “Classification of Attitude Words for Opinion Mining”, **Laritza Hernández, A. López-López** & José E. Medina, International Journal of Computational Linguistics and Applications, Vol. 2, No. 1-2, Jan-Dec 2011, ISSN: 0976-0962. 12 p. [Indexing: LatIndex, Periódica, e-revistas]
182. “Topological Decoupled Group Key Management for Cellular Networks”, **Jorge Estudillo Ramirez, Saúl E. Pomares Hernandez, Gustavo Rodríguez Gómez, Roberto Perez,** Journal of Computer Science 7 (3):409-415, 2011, ISSN 1549-3636, Science Publications [Journal of Computer Science is Abstracted/Indexed in: Ulrich, DOAJ, Cabell, WAD, ASA, IET- ISI Thomson Scientific, IET, Genamics, EBSCO, Thomson Gale, ProQuest, SCOPUS, Current Abstracts, Zeitschriften, Expanded Academic ASAP, InfoTrac Custom, Science Resource Center, Student Resource Center College]
183. “Expansión fonética de la consulta para la recuperación de información en documentos hablados”. **Alejandro Reyes-Barragán, Luis Villaseñor-Pineda, Manuel Montes-y-Gómez.** Procesamiento de Lenguaje Natural. No. 47, September 2011, pp 57-64. ISSN: 1135-5948