



Artículos Arbitrados Aceptados

ASTROFISICA

1. Rex, M., Rawle, T. D., Egami, E., Pérez-González, P. G., Zemcov, M., Aretxaga, I., Chung, S. M., Fadda, D., Gonzalez, A. H., Hughes, D. H., Horellou, C., Johansson, D., Kneib, J. -P., Richard, J., Altieri, B., Fiedler, A. K., Pereira, M. J., Rieke, G. H., Smail, I., Valtchanov, I., Blain, A. W., Bock, J. J., Boone, F., Bridge, C. R., Clement, B., Combes, F., Dowell, C. D., Dessauges-Zavadsky, M., Ilbert, O., Ivison, R. J., Jauzac, M., Lutz, D., Omont, A., Pelló, R., Rodighiero, G., Schaerer, D., Smith, G. P., Walth, G. L., van der Werf, P., Werner, M. W., Austermann, J. E., Ezawa, H., Kawabe, R., Kohno, K., Perera, T. A., Scott, K. S., Wilson, G. W., Yun, M. S., "The far-infrared/submillimeter properties of galaxies located behind the Bullet cluster 2010, A&A, May 2010.
2. Franchini M., Morossi, C., Dimarcantonio, P., Malagnini, M. L., Chávez, M., "The Lick/SDSS Library. I. Synthetic Index Definition and Calibration" A.J.
3. Shapovalova, A. I., Popovic, L. C., Burenkov, A. N., Chavushyan, V. H., Kollatschny, D. Ilic W., Bochkarev, A., Kovacevic N. G., Carrasco, L., León-Tavares, J., Mercado, A., Valdes, J. R., "Spectral optical monitoring of 3C390.3 in 1995-2007: I. Light curves and flux variation of the continuum and broad lines", A&A.
4. Masetti, N.; Parisi, P.; Palazzi, E.; Jimenez-Bailon, E; Chavushyan, V.; Bassani, L.; Bazzano, A; Bird, A.J.; Dean, A.J.; Charles, P.A.; Galaz, G.; Landi, R.; Malizia, A.; Mason, E.; McBride, V.A.; Minniti, D.; Morelli, L.; Schiavone, F.; Stephen, J.B.; and Ubertini,P.: 2010, A&A, arXiv:1006.4513. "Unveiling the nature of INTEGRAL objects through optical Spectroscopy. VIII. Identification of 44 newly-detected hard X-ray sources."
5. Arshakian, T. G.; Torrealba, J.; Chavushyan, V. H.; Ros, E.; Lister, M. L.; Cruz-González, I.; Zensus, J. A., 2010, A&A, arXiv:1003.2577. "Radio-optical scrutiny of compact AGN: Correlations between properties of pc-scale jets and optical nuclear emission."
6. Sokolovsky, K. V., Kovalev, Y. Y., Lobanov, A. P., Finke, J. D., Savolainen, T., Pushkarev, A. B., Kadler, M., Schinzel, F. K., Chavushyan, V. H., Carrasco, L., "Constraints on the gamma-ray emitting region in blazars from multi-frequency VLBI measurements", Proceedings of the Workshop "Fermi meets Jansky - AGN in Radio and Gamma-Rays", Savolainen, T., Ros, E., Porcas, R.W. & Zensus, J.A. (eds.), MPIfR, Bonn, June 21-23 2010.



Artículos Arbitrados Aceptados

7. Ragone-Figueroa, C, Plionis, M., Merchan, M., Gottlober, S., Yepes, G., "The relation between halo shape, velocity dispersion and formation time", MNRAS.
8. Basilakos, .; Plionis, M.; Lima, J. A. S., "Confronting Dark Energy Models using Galaxy Cluster Number Counts", Phys.Rev.D.
9. Gurovich, Sebastián; Freeman, Kenneth; Jerjen, Helmut; Staveley-Smith, Lister; Puerari, Ivânia, "The slope of the Baryonic Tully-Fisher relation", AJ April 22,2010.
10. R. García-Benito, A. Díaz, G. F. Hägele, E. Pérez-Montero, J. López, J. M. Vílchez, E. Pérez, E. Terlevich, R. Terlevich, D. Rosa González "Integral Field Spectroscopy of HII region complexes. The outer disk of NGC 6946", MNRAS.
11. Nearby early-type galaxies with ionized gas.IV. Origin and powering mechanism of the ionized gas. Annibali, F.; Bressan, A.; Rampazzo, R.; Zeilinger, W. W.; Vega, O.; Panuzzo, P. Aceptado en A&A, Abril 2010

OPTICA

12. A. S. Ostrovsky, M. A. Olvera, C. Rickenstorff, G. Martínez-Niconoff, V. Arrizón-Peña. "Generation of a secondary electromagnetic source with desired statistical properties". Optics Communications, (2010).
13. A. Orduña-Díaz, C. G. Treviño-Palacios, M. Rojas-López, R. Delgado-Macuil, V. L. Gayou, A. Torres-Jacome. "FTIR and electrical characterization of α Si:H layers deposited by PECVD at different boron ratios". Mater. Sci. Eng. B, (2010), doi:10.1016/j.mseb.2010.04.029.



Artículos Arbitrados Aceptados

14. 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". *Mater. Sci. Eng. B*, (2010), doi:10.1016/j.mseb.2010.03.075. Nacional.
15. A. Carbajal-Domínguez, J. Bernal-Arroyo, J. E. Gómez-Correa, G. Martínez-Niconoff. "Numerical calculation of near field scalar diffraction spectrum of plane waves theory". *Revista Mexicana de Física*, (2010).

ELECTRONICA

16. "Acquisition of Corneal Electrical Signals", C. A. Herrera-Ramírez, J. A. Loaiza-Brito, D. Robles-Camarillo, L. Niño-de-Rivera, Wilfrido Calleja Arriaga, and J. M. Herrera-Ramírez. *Telecommunications and Radio Engineering*, Begell House, 2010
17. Humberto Lobato-Morales, Alonso Corona-Chávez, D. V. B. Murthy, and José L. Olvera-Cervantes. Complex permittivity measurements using cavity perturbation technique with substrate integrated waveguide cavities. *AIP Review of Scientific Instruments*. science citation index
18. E. A. Gutiérrez-D., and F. Guarin, "Magneto-modulation of gate leakage current in 65nm nMOS transistors: Experimental, modeling, and simulation results", aceptado para publicarse en la revista *Solid-State Electronics* (Abril 2010).
19. Mitra Sanjit, Mondal Kalyan, Tchobanou Mikhail, Jovanovic-Dolecek Gordana, General Polynomial Factorization-Based Design of Sparse Periodic Linear Arrays, Accepted for *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*. (SCI Citation).
20. C. Sánchez-López, F.V. Fernández, E. Tlelo-Cuautle, "Generalized Admittance Matrix Models of OTRAs and COAs", *Microelectronics Journal*, 2010. Revista incluida en science citation index

Artículos Arbitrados Aceptados

21. E. Tlelo-Cuautle, C. Sánchez-López, E. Martínez-Romero, Sheldon X.-D. Tan, "Symbolic analysis of analog circuits containing voltage mirrors and current mirrors", *Analog Integrated Circuits and Signal Processing*, 2010. DOI: 10.1007/s10470-010-9455-y Elyoenai Martínez-Romero. Revista incluida en science citation index
22. R. Trejo-Guerra, C. Sánchez-López, E. Tlelo-Cuautle, C. Cruz-Hernández, J.M. Muñoz-Pacheco, "Realization of multiscroll chaotic attractors by using current-feedback operational amplifier's, *Revista Mexicana de Física*, 2010. R. Trejo-Guerra Revista incluida en science citation index y padron de conacyt
23. E. Tlelo-Cuautle, C. Sánchez-López, D. Moro-Frías, "Symbolic analysis of (MO)(I)CCI(II)(III)-based analog circuits", *International Journal of Circuit Theory and Applications*.
24. Roberto Ambrosio, Alfonso Torres, Carlos Zuñiga, Mario Moreno, and Jose Mireles Jr., "Optimization of the contact resistance in the interface structure on n-type Al/a-SiC:H by thermal annealing for optoelectronics applications", *Phys. Status Solidi A*, 1-5 (2010).

CIENCIAS COMPUTACIONALES

25. "A review of Instance Selection Methods". J. Arturo Olvera-López, J. Ariel Carrasco-Ochoa and J. Francisco Martínez-Trinidad and Josef Kittler. *Artificial Intelligence Review* (2010) Accepted. ISSN: 0269-2821 (Print), 1573-7462 (Online 27 de mayo de 2010). Volume 34, Number 2 / agosto de 2010. Páginas: 133-143. Journal indexed in JCR.
26. "Full Duplicate Candidate Pruning for Frequent Connected Subgraph Mining". Andrés Gago-Alonso, Jesús A. Carrasco-Ochoa, José E. Medina-Pagola, José Fco. Martínez-Trinidad. *Integrated Computer-Aided Engineering* (2010). ISSN: 1069-2509, Accepted. Journal indexed in JCR.
27. "A versatile hardware architecture for a constant false alarm rate processor based on a linear insertion sorter". Roberto Perez-Andrade, René Cumplido, Claudia Feregrino-Uribe and Fernando Martin Del Campo. *Digital Signal Processing*, In Press, Corrected Proof, Available online 4 February 2010, doi:10.1016/j.dsp.2010.02.001. ISSN: 1051-2004. Journal indexed in JCR.



Artículos Arbitrados Aceptados

28. 'On the Implementation of a Hardware Architecture for an Audio Data Hiding System', José Juan García Hernández, Claudia Feregrino-Uribe, René Cumplido and Carolina Reta, Journal of Signal Processing Systems, Springer, 2010, To appear. ISSN: 1939-8018. Journal indexed in JCR.
29. 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, 2010. To appear. ISSN: 1751-8601. Journal indexed in JCR.
30. "Improving the security of Fallahpour's audio watermarking scheme," Jose Juan Garcia-Hernandez, Claudia Feregrino-Uribe, Rene Cumplido and Ramon Parra-Michel. Accepted for publication in IEICE Electronics Express. Journal indexed in JCR.
31. "Neural networks and SVM-based classification of leukocytes using the morphological pattern spectrum." Ramírez-Cortes JM, Gómez-Gil P, Alarcón-Aquino V, González-Bernal J, Garcia-Pedrero A. To be published at "Soft Computing for Recognition based on Biometrics", Castillo-Lopez, O. Ed., Springer-Verlag.
32. "Composite Recurrent Neural Networks for Long-Term Prediction of Highly-Dynamic Time Series Supported by Wavelet Decomposition." Gomez-Gil P, Garcia-Pedrero A. and Ramirez-Cortes JM. to be published at "Soft Computing for Intelligent Control and Mobile Robotics", Castillo-Lopez, O. Ed., Springer-Verlag.
33. "Leukemia Identification from Bone Marrow Cells Images using a Machine Vision and Data Mining Strategy". González, Jesús A.; Olmos, Ivan; Altamirano, Leopoldo; Morales, Blanca A.; Reta, Carolina; Galindo, Martha C.; Alonso, Jose E.; Lobato, Ruben. Accepted for Publication, Intelligent Data Analysis, Vol. 15(3), 2011. ISSN 1088-467X. Journal indexed in JCR.



Artículos Arbitrados Aceptados

34. "LCMine: An efficient algorithm for mining discriminative regularities and its application in supervised classification", Milton García-Borroto, José Fco. Martínez-Trinidad, Jesús Ariel Carrasco-Ochoa, Miguel Angel Medina-Pérez, and José Ruiz-Shulcloper. To Publisher in Pattern Recognition. Volume 43, Issue 9, September 2010 (Available online 13 April 2010), Pages 3025-3034. ISSN: 0031-3203. Journal indexed in JCR.
35. "Fast Most Similar Neighbor classifiers for Mixed Data". Selene Hernández Rodríguez, José Fco. Martínez-Trinidad, and Jesús Ariel Carrasco-Ochoa. Computación y Sistemas (2010) 14/1 pp. X-Y.
36. "Fuzzy Emerging Patterns for Classifying Hard Domains". Milton García-Borroto, José Fco. Martínez-Trinidad, and Jesús Ariel Carrasco-Ochoa. Knowledge and Information Systems. Accepted. ISSN: 0219-1377. Journal indexed in JCR.
37. "RP-Miner: A Relaxed Prune Algorithm for Frequent Similar Pattern Mining". Ansel Yoan Rodríguez-González, José F Martínez-Trinidad, Jesús A. Carrasco-Ochoa, José Ruiz-Shulcloper, Knowledge and Information Systems. Accepted. ISSN: 0219-1377. Journal indexed in JCR.
38. Multi-class Particle Swarm Model Selection for Automatic Image Annotation. Hugo Jair Escalante, Manuel Montes and Enrique Sucar. Book: Applied Swarm Intelligence. Studies in Computational Intelligence. Springer, 2008 (Aceptado)
39. Bilingual Document Clustering: Evaluating Cognates as Features. Claudia Denicia-Carral, Manuel Montes-y-Gómez, Luis Villaseñor-Pineda and David Pinto-Avendaño. Canadian Journal of Information and Library Science. (Indexada por Social Science JCR)
40. "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. ISSN: 0306-4573. (Indexada en Science JCR)



Artículos Arbitrados Aceptados

41. "Applications of Evolutionary Algorithms in the Design Automation of Analog Integrated Circuits". E. Tlelo-Cuautle, I. Guerra-Gomez, M.A. Duarte-Villasenor, Luis G. de la Fraga, G. Flores-Becerra, G. Reyes-Salgado, C.A. Reyes-Garcia and G. Rodriguez-Gomez. Journal of Applied Sciences. ISSN Print: 1812-5654. ISSN Online: 1812-56622010. (To appear Volume: 10. Issue: 17. Page No.: 1859-1872). [Abstracted/Index in *AGRICOLA; *AGRIS; *Chemical Abstract Services; *EMBASE; *Google Scholar; *SCOPUS]
42. On Model-Driven Engineering of Reconfigurable Digital Control Hardware Systems," Tomás Balderas, Gustavo Rodriguez and René Cumplido. To be included in the book "Reconfigurable Embedded Control Systems: Applications for Flexibility and Agility" IGI Global
43. "An Efficient ?-Causal Distributed Algorithm for Synchronous Cooperative Systems in Unreliable Networks", Saul E. Pomares Hernandez, Eduardo Lopez Dominguez, Gustavo Rodriguez Gomez, and Jean Fanchon, Revista Computación y Sistemas, Eds. Centro de Investigación en Computación-IPN, ISSN 1405-5546. Aceptada Mayo 2009.
44. Un método independiente del idioma para responder preguntas de definición. Claudia Denicia-Carral, Luis Villaseñor-Pineda, Manuel Montes-y-Gómez. Computación y Sistemas. (Indexada por Conacyt). The DIMEx100 Corpus: Transcription and evaluation. Luis A. Pineda, Hayde Castellanos, Javier Cuétara, Lucian Galescu, Joaquim Llisterri, Patricia Pérez and Luis Villaseñor. Language Resources and Evaluation. (Available online 3 December 2009). (en JCR)
45. The DIMEx100 Corpus: Transcription and evaluation. Luis A. Pineda, Hayde Castellanos, Javier Cuétara, Lucian Galescu, Joaquim Llisterri, Patricia Pérez and Luis Villaseñor. Language Resources and Evaluation. (Available online 3 December 2009). (en JCR)
46. "FPGA-based educational platform for real time image processing experiments." Juan Manuel Ramirez-Cortes, **Pilar Gomez-Gil**, Vicente Alarcon-Aquino, Jorge Martinez-Carballido, Emmanuel Morales-Flores. Computer Applications in Engineering Education. Accepted May 3, 2010. Published at early view June 18, 2010. DOI