



Artículos Enviados

ASTROFISICA

1. (HAWC collaboration,) Abeysekara, A. U., Aguilar, J. A., Aguilar, S., Alfaro, R., Almaraz, E., Álvarez, C., Álvarez-Romero, J. d. D., Álvarez, M., Arceo, R., (138 coautores incluyendo **Carramiñana, A. #24, Carrasco, L. #25, Galindo, A. #48, Gonzalez, L. X. #52, Mendoza-Torres, J. E. #86, Nava, J. #92, Olmos Tapia, A. #97, Reyes, J. # 107, Rosa-González, D. # 108, Silich, S. #118, Suarez, N. #124, Tenorio-Tagle, G. #127, Torres, I. #131, Will, W. #139, Walters, J. S. #140**), "On the sensitivity of the HAWC observatory to gamma-ray bursts", *Astroparticle Physics* enviado, arXiv:1108.6034-, 8/2011.
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3. Benítez, E.; Mendez-Abreu, J.; Fuentes-Carrera, I.; Cruz-Gonzalez, I.; Martínez, B.; López-Martín, L.; Jiménez-Bailón, E.; **Chavushyan, V.**, "Characterization of a sample of Intermediate-Type AGN. I. Host-Bulge Properties and Black-Hole mass estimates", *ApJ* enviado
4. Buson, L., Carraro, G., Buzzoni, A., **Bertone, E.**, "Looking for hot stars in old, metal-rich Galactic open clusters: UB colour-magnitude diagrams for NGC 6791, NGC 6819 and NGC 7142", *MNRAS* enviado.
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7. Hueyotl-Zahuantitla, F., Palous, J. Wunsch, R., **Tenorio-Tagle, G. Silich, S.**, "On the formation of the AGN" torus from the matter reinserted by a young nuclear star cluster" 2011, *ApJ* enviado.

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9. Koulouridis, E., **Plionis, M.**, **Chavushyan, V.**, Dultzin, D., Krongold, Y., Georgantopoulos, I., Leon-Tavares, J., "The Activity of the Neighbours of AGN and Starburst Galaxies", MNRAS enviado arXiv:1111.4084-, 11/2011.
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(Nota de la coordinadora: RMxAA es una revista con parámetros de impacto de nivel internacional, novena en el ranking internacional de Astronomía, en inglés, y ampliamente leída fuera de México).

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26. "Comparison of electrical and electro-optical characteristics of light emitting capacitors based on silicon rich Si-oxide fabricated by plasma-enhanced chemical vapour deposition and ion implantation" A. A. González Fernández, J. Juvert, Alfredo Morales-Sánchez,² Jorge Barreto, **M. Aceves-Mijares**, and C. Domínguez. Enviado a JAP.
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30. Jorge R. Zurita-Sánchez, **J.H. Abundis-Patiño**, and **P. Halevi**. Pulse propagation through a slab with time-periodic dielectric function $\epsilon_p(t)$ Optics Express.
31. **O. Malik**, F.J. De la Hidalga-W. Semiconductor Light-Controlled Instrument Transducer with Direct PWM Output for Automatic Control Systems, Journal of Applied Research and Technology, JART.
32. **J. Molina**, A. Muñoz, W. Calleja, P. Rosales and A. Torres, "High-Quality SOG-Based Oxide as a Matrix for Embedding HfO₂ nano-particles for MOS Devices", sent for revision to Journal of Materials Science. (June, 2011).
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37. V.M. Jimenez Fernandez, **C. Reyes-Betanzo**, O. Alba-Hernandez, Z.J. Hernandez-Paxtian, "Prediction of silicon dry etching using a piecewise-linear algorithm" *Revista: Modelling and Simulation in Materials Science and Engineering*, Junio 6, 2011, ISSN: 1361-651X.
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