

Arecibo Publications in Astronomy

October 2014 – September 2015

- Adams, E. A. K et al. (2015), 'AGC 226067: A possible interacting low-mass system', *A&A*, 580, A134.
- Arzoumanian, Z. et al. (2014), 'Gravitational Waves from Individual Supermassive Black Hole Binaries in Circular Orbits: Limits from the North American Nanohertz Observatory for Gravitational Waves', *ApJ*, 794, 141.
- ☆ Asgari-Targhi, M.; **Schmelz, J. T.**; Imada, S.; Pathak, S. & Christian, G. M. (2015), 'Modeling of Hot Plasma in the Solar Active Region Core', *ApJ*, 807, 146.
- Basu, R.; Mitra, D. & Rankin, J. M. (2015), 'Toward an Empirical Theory of Pulsar Emission. X. On the Precursor and Postcursor Emission', *ApJ*, 798, 105.
- Bradford, J. D.; Geha, M. C. & Blanton, M. R. (2015), 'A Study in Blue: The Baryon Content of Isolated Low-mass Galaxies', *ApJ*, 809, 146.
- Brown, T.; Catinella, B.; Cortese, L.; Kilborn, V.; Haynes, M. P. & Giovanelli, R. (2015), 'The effect of structure and star formation on the gas content of nearby galaxies', *MNRAS*, 452, 2479-2489.
- Cadelano, M. et al. (2015), 'Radio Timing and Optical Photometry of the Black Widow System PSR J1953+1846A in the Globular Cluster M71', *ApJ*, 807, 91.
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- Chen, B.-Q.; Liu, X.-W.; Yuan, H.-B.; Huang, Y. & Xiang, M.-S. (2015), 'Dust-to-gas ratio, X_{CO} factor and CO-dark gas in the Galactic anticentre: an observational study', *MNRAS*, 448, 2187-2196.
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- Clark, C. J. R. et al. (2015), 'Herschel-ATLAS: the surprising diversity of dust-selected galaxies in the local submillimetre Universe', *MNRAS*, 452, 397-430.

- Courtois, H. M. & Tully, R. B. (2015), 'Update on H I data collection from Green Bank, Parkes and Arecibo telescopes for the Cosmic Flows project', MNRAS, 447, 1531-1534.
- Courtois, H. M.; Zaritsky, D.; Sorce, J. G. & Pomarède, D. (2015), 'Giant disc galaxies: where environment trumps mass in galaxy evolution', MNRAS, 448, 1767-1778.
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- Dolch, T. et al. (2014), 'A 24 Hr Global Campaign to Assess Precision Timing of the Millisecond Pulsar J1713+0747', ApJ, 794, 21.
- Ellison, S. L.; Fertig, D.; Rosenberg, J. L.; Nair, P.; Simard, L.; Torrey, P. & Patton, D. R. (2015), 'The neutral gas content of post-merger galaxies', MNRAS, 448, 221-236.
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- ❖ Hoppmann, L.; Staveley-Smith, L.; Freudling, W.; Zwaan, M. A.; **Minchin, R. F.** & Calabretta, M. R. (2015), 'A blind H I mass function from the Arecibo Ultra-Deep Survey (AUDS)', MNRAS, 452, 3726-3741.
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- Lee-Waddell, K. et al. (2014), 'An extremely optically dim tidal feature in the gas-rich interacting galaxy group NGC 871/NGC 876/NGC 877', *MNRAS*, 443, 3601-3611.
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- Pierbattista, M.; Harding, A. K.; Grenier, I. A.; Johnson, T. J.; Caraveo, P. A.; Kerr, M. & Gonthier, P. L. (2015), 'Light-curve modelling constraints on the obliquities and aspect angles of the young Fermi pulsars', A&A, 575, A3.
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- ☆ - AO Staff
- ⊛ - AO Staff and Data