

## C NOAO SCIENTIFIC STAFF PUBLICATIONS

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NOAO Scientific Staff were authors and/or editors on a total of 211 publications in FY11.<sup>1</sup>

Abia, C., Cunha, K., ... Smith, V.V., et al. 2011, *ApJ*, 737, L8, “The First Fluorine Abundance Determinations in Extragalactic Asymptotic Giant Branch Carbon Stars”

Abt, H.A. 2011, *AJ*, 141, 165, “The Age of the Local Interstellar Bubble”

Abt, H.A. 2011, *RMxAC*, 39, 117, “Symposium Summary”

Abt, H.A. 2011, *RMxAC*, 39, 65, “The Tonantzintla Search for High Luminosity Stars”

Abt, H.A. 2011, International Workshop on Double and Multiple Stars: Dynamics, Physics, and Instrumentation, eds. J. Docobo, V. Tamazian, Y. Balega (AIP), 14, “The Nature of Exoplanets”

Abt, H.A. 2011, Future Professional Communication in Astronomy II, ed. A. Accomazzi (Springer), 77, “Astronomical Publication Rates in the US, UK, and Europe”

Agudo, I., ... Jannuzi, B.T., et al. 2011, *ApJ*, 735, L10, “On the Location of the  $\gamma$ -Ray Outburst Emission in the BL Lacertae Object AO 0235+164 through Observations across the Electromagnetic Spectrum”

Assef, R.J., ... Jannuzi, B.T., et al. 2011, *ApJ*, 728, 56, “The Mid-IR- and X-ray-Selected QSO Luminosity Function”

Baines, E.K., ... Ridgway, S.T., et al. 2011, *ApJ*, 731, 132, “The Angular Diameter and Effective Temperature of the Lithium-Rich K Giant HD 148293 from the CHARA Array”

Barringer, D., Walker, C.E., Pompea, S.M., et al. 2011, ASP Conf. 443, eds. J. Jensen, J. Manning, M. Gibbs (ASP), 373, “Astronomy Meets the Environmental Sciences: Using GLOBE at Night Data”

Batalha, N.M., ... Howell, S.B., et al. 2011, *ApJ*, 729, 27, “Kepler’s First Rocky Planet: Kepler-10b”

Belle, K.E., ... Howell, S.B., et al. 2011, International Conference on Binaries, eds. V. Kologera and M. van der Sluis (AIP), 204, “Dust in Intermediate Polars: Light Curves from the Spitzer Space Telescope”

Belton, M.J.S., ... Lauer, T.R., et al. 2011, *Icarus*, 213, 345, “Stardust-NExT, Deep Impact, and the Accelerating Spin of 9P/Tempel 1”

Berdja, A. 2010, *MNRAS*, 409, 722, “On the DIMM Interpretation of Non-Kolmogorov Turbulence in the Atmospheric Surface Layer”

Bianchi, L., ... Olsen, K., et al. 2011, *Ap&SS*, 155, “Young Stellar Populations in the Local Group: An HST and GALEX Comprehensive Study”

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<sup>1</sup> Author Name in bold = NOAO Scientific Staff member; Author Name underlined = Undergraduate student in Research Experiences for Undergraduates (REU) program or Prácticas de Investigación en Astronomía (PIA) program

- Biggs, A.D., ... Dickinson, M., et al. 2011, MNRAS, 413, 2314, “The LABOCA Survey of the Extended Chandra Deep Field-South—Radio and Mid-infrared Counterparts to Submillimetre Galaxies”
- Bizyaev, D., Smith, V.V., Cunha, K. 2010, AJ, 140, 1911, “The Space Interferometry Mission Astrometric Grid Giant Star Survey. III. Basic Stellar Parameters for an Extended Sample”
- Bolzonella, M., ... Kartaltepe, J., et al. 2010, A&A, 524, A76, “Tracking the Impact of Environment on the Galaxy Stellar Mass Function up to  $z \sim 1$  in the 10k zCOSMOS Sample”
- Boroson, T.A. 2011, ApJ, 735, L14, “A New Orientation Indicator for Radio-Quiet Quasars”
- Boroson, T.A. 2011, Proceedings of Narrow-Line Seyfert 1 Galaxies and Their Place in the Universe, 3, “NLS1 Properties and Demographics”
- Borucki, W.J., ... Howell, S.B., ... Sherry, W., et al. 2011, ApJ, 736, 19, “Characteristics of Planetary Candidates Observed by Kepler. II. Analysis of the First Four Months of Data”
- Borucki, W.J., ... Howell, S.B., ... Sherry, W., et al. 2011, ApJ, 728, 117, “Characteristics of Kepler Planetary Candidates Based on the First Data Set”
- Bourne, N., ... Dickinson, M., et al. 2011, MNRAS, 410, 1155, “Evolution of the Far-Infrared-Radio Correlation and Infrared Spectral Energy Distributions of Massive Galaxies over  $z = 0-2$ ”
- Boyd, M.R., ... Subasavage, J.P., et al. 2011, AJ, 142, 10, “The Solar Neighborhood. XXV. Discovery of New Proper Motion Stars with  $0:40 \text{ yr}^{-1} > \mu \geq 0:18 \text{ yr}^{-1}$  between Declinations  $-47^\circ$  and  $00^\circ$ ”
- Boyd, M.R., ... Subasavage, J.P., et al. 2011, AJ, 142, 92, “The Solar Neighborhood. XXVII. Discovery of New Proper Motion Stars with  $\mu \geq 0:18 \text{ yr}^{-1}$  in the Southern Sky with  $16.5 < R_{59F} \leq 18.0$ ”
- Bressert, E., ... Allen, L., et al. 2010, MNRAS, 409, L54, “The Spatial Distribution of Star Formation in the Solar Neighbourhood: Do All Stars Form in Dense Clusters?”
- Brodwin, M., ... Dey, A., ... Jannuzi, B.T., et al. 2011, ApJ, 732, 33, “X-ray Emission from Two Infrared-Selected Galaxy Clusters at  $z > 1.4$  in the IRAC Shallow Cluster Survey”
- Brown, M.J.I., Jannuzi, B.T., et al. 2011, ApJ, 731, L41, “The Ubiquitous Radio Continuum Emission from the Most Massive Early-Type Galaxies”
- Buat, V., ... Dickinson, M., ... Kartaltepe, J., et al. 2011, A&A, 533, A93, “GOODS-Herschel: Evidence of a UV Extinction Bump in Galaxies at  $z > 1$ ”
- Bullock, E., ... Howell, S.B., et al. 2011, AJ, 141, 84, “GALEX and Optical Observations of GW Librae during the Long Decline from Superoutburst”
- Bussmann, R.S., Dey, A., Lotz, J., ... Jannuzi, B.T., et al. 2011, ApJ, 733, 21, “Hubble Space Telescope Morphologies of  $z \sim 2$  Dust-Obscured Galaxies. II. Bump Sources”
- Cannizzo, J.K., ... Howell, S.B., et al. 2010, ApJ, 725, 1393, “The Kepler Light Curve of V344 Lyrae: Constraining the Thermal-Viscous Limit Cycle Instability”

- Cargile, P.A., James, D.J., Jeffries, R.D. 2010, *ApJ*, 725, L111, “Identification of the Lithium Depletion Boundary and Age of the Southern Open Cluster Blanco 1”
- Carlberg, J.K., ... Smith, V.V., Cunha, K., et al. 2011, *ApJ*, 732, 39, “The Frequency of Rapid Rotation among K Giant Stars”
- Carlberg, J.K., ... Smith, V.V., Cunha, K., et al. 2011, *Planetary Systems beyond the Main Sequence*, eds. S. Schuh, H. Drechsel, U. Heber (AIP), 33, “The Fate of Exoplanets and the Red Giant Rapid Rotator Connection”
- Carlberg, J.K., Smith, V.V., Cunha, K., et al. 2010, *ApJ*, 723, L103, “The Super Lithium-Rich Red Giant Rapid Rotator G0928+73.2600: A Case for Planet Accretion?”
- Carr, J.S., Najita, J.R. 2011, *ApJ*, 733, 102, “Organic Molecules and Water in the Inner Disks of T Tauri Stars”
- Castellano, M., ... Dickinson, M., et al. 2010, *A&A*, 524, A28, “The Bright End of the  $z \sim 7$  UV Luminosity Function from a Wide and Deep HAWK-I Survey”
- Che, X., ... Ridgway, S.T., et al. 2011, *ApJ*, 732, 68, “Colder and Hotter: Interferometric Imaging of  $\beta$  Cassiopeiae and  $\alpha$  Leonis”
- Chou, M.-Y., ... Cunha, K., Smith, V.V., et al. 2011, *ApJ*, 731, L30, “First Chemical Analysis of Stars in the Triangulum-Andromeda Star Cloud”
- Ciardi, D.R., ... Howell, S.B., et al. 2011, *AJ*, 141, 108, “Characterizing the Variability of Stars with Early-Release Kepler Data”
- Cisternas, M., ... Kartaltepe, J., et al. 2011, *ApJ*, 726, 57, “The Bulk of the Black Hole Growth since  $z \sim 1$  Occurs in a Secular Universe: No Major Merger-AGN Connection”
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- de Boer, T.J.L., ... Saha, A., Olsen, K., et al. 2011, *A&A*, 528, A119, “Deep Wide-Field Imaging Down to the Oldest Main Sequence Turn-offs in the Sculptor Dwarf Spheroidal Galaxy”
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- De Marchi, G., ... Saha, A., ... Walker, A.R., et al. 2011, ApJ, 739, 27, "Star Formation in 30 Doradus"
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- Dopita, M.A., ... Saha, A., Walker, A.R., et al. 2010, Ap&SS, 330, 123, "Supernova Remnants, Planetary Nebulae and the Distance to NGC 4214"
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- Eisenstein, D.J., ... Cunha, K., ... Smith, V.V., et al. 2011, AJ, 142, 72, "SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way, and Extra-Solar Planetary Systems"
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- Garmany, K., et al. 2011, ASP Conf. 443, eds. J. Jensen, J. Manning, M. Gibbs (ASP), 33, “Making Connections with Underserved Communities, Broadening Participation in the STEM Fields”
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- Georgantopoulos, I., ... Pope, A., ... Dickinson, M., et al. 2011, *A&A*, 531, A116, “X-ray Observations of Highly Obscured  $\tau_{9.7\mu\text{m}} > 1$  Sources: An Efficient Method for Selecting Compton-thick AGN?”
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- Howell, S.B., et al. 2010, *ApJ*, 725, 1633, “Kepler Observations of Three Pre-launch Exoplanet Candidates: Discovery of Two Eclipsing Binaries and a New Exoplanet”
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