

## C NOAO SCIENTIFIC STAFF PUBLICATIONS

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NOAO Scientific Staff were authors and/or editors on a total of 187 publications in FY12.<sup>1</sup>

**Abt, H.A.** 2012, Organizations, People and Strategies in Astronomy, ed. A. Heck (Venngest Books), 245, “The h- and a-Indexes in Astronomy”

**Abt, H.A.** 2012, International Workshop: Binaries Inside and Outside the Local Interstellar Bubble, eds. J. Docobo, V. Tamazian, Y. Balega (AIP), 9, “The Age of the Local Interstellar Bubble”

**Abt, H.A.** 2012, Scientometrics, 91, 863, “A Publication Index That Is Independent of Age”

**Abt, H.A.** 2012, BAAS, 44, 15, “Obituary: Aden B. Meinel”

**Abt, H.A.** 2012, BAAS, 44, 12, “Obituary: William A. Baum”

**Abt, H.A.** 2011, ASP Conf. 451, eds. S. Qian, et al. (ASP), 315, “The Age of the Local Interstellar Bubble”

**Abt, H.A.** 2011, HAD Newsletter, 79, 8, “The Van Biesbroeck Prize”

An, D., **Beers, T.C.**, et al. 2012, ASP Conf. 458, eds. W. Aoki, et al. (ASP), 179, “Metallicity Distribution of the Galactic Halo from SDSS Photometry”

Andersen, J., ... **Beers, T.C.**, et al. 2012, ASP Conf. 458, eds. W. Aoki, et al. (ASP), 73, “Binaries in r-Process Enhanced Extremely Metal-Poor Stars: Chemical Tagging in the Early Galactic Halo”

Arcavi, I., ... **Matheson, T.**, et al. 2011, ApJ, 742, L18, “SN 2011dh: Discovery of a Type IIb Supernova from a Compact Progenitor in the Nearby Galaxy M51”

Baines, E.K., ... **Ridgway, S.T.**, et al. 2011, ASP Conf. 448, ed. C. Johns-Krull (ASP), 779, “Fundamental Properties of 37 Giant Stars from the CHARA Array and the NPOI Interferometers”

Baines, E.K., ... **Ridgway, S.T.**, et al. 2011, ApJ, 743, 130, “Fundamental Parameters of the Exoplanet Host K Giant Star  $\iota$  Draconis from the CHARA Array”

Baron, F., ... **Ridgway, S.T.**, et al. 2012, ApJ, 752, 20, “Imaging the Algol Triple System in the H Band with the CHARA Interferometer”

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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

- Baron, F., ... **Ridgway, S.T.**, et al. 2012, SPIE Proc. 8445, eds. F. Delplancke, **J.K. Rajagopal**, F. Malbet (SPIE), 84451E, “The 2012 Interferometric Imaging Beauty Contest”
- Beers, T.C.**, Carollo, D. 2012, Assembling the Puzzle of the Milky Way, eds. C. Reyle, A. Robin, M. Schultheis (EPJ Web of Conferences), 2001, “The Assembly of the Halo System of the Milky Way as Revealed by SDSS/SEGUE - The CEMP Star Connection”
- Beers, T.C.** 2012, Nature, 486, 38, “Astrophysics: Young Dwarfs Date an Old Halo”
- Beers, T.C.**, et al. 2012, ApJ, 746, 34, “The Case for the Dual Halo of the Milky Way”
- Bell, E.F., ... **Kartaltepe, J.**, et al. 2012, ApJ, 753, 167, “What Turns Galaxies Off? The Different Morphologies of Star-Forming and Quiescent Galaxies Since  $z \sim 2$  from CANDELS”
- Besuner, R., ... **Dey, A.**, ... **Joyce, R.**, et al. 2012, SPIE Proc. 8446, eds. I. McLean, S. Ramsay, H. Takami (SPIE), 844652, “Integrating BigBOSS with the Mayall Telescope”
- B  thermin, M., ... **Kartaltepe, J.**, et al. 2012, A&A, 542, A58, “HerMES: Deep Number Counts at 250  $\mu\text{m}$ , 350  $\mu\text{m}$  and 500  $\mu\text{m}$  in the COSMOS and GOODS-N Fields and the Build-Up of the Cosmic Infrared Background”
- Bianchi, L., ... **Olsen, K.A.G.**, et al. 2012, AJ, 143, 74, “A Treasury Study of Star-Forming Regions in the Local Group. I. HST Photometry of Young Populations in Six Dwarf Galaxies”
- Bigot, L., ... **Ridgway, S.T.**, et al. 2011, A&A, 534, L3, “The Diameter of the CoRoT Target HD 49933. Combining the 3D Limb Darkening, Asteroseismology, and Interferometry”
- Blondin, S., **Matheson, T.**, et al. 2012, AJ, 143, 126, “The Spectroscopic Diversity of Type Ia Supernovae”
- Bournaud, F., ... **Dickinson, M.**, et al. 2012, ApJ, 757, 81, “An Observed Link between Active Galactic Nuclei and Violent Disk Instabilities in High-Redshift Galaxies”
- Bovy, J., ... **Beers, T.C.**, et al. 2012, ApJ, 755, 115, “The Vertical Motions of Mono-abundance
- Bovy, J., ... **Beers, T.C.**, et al. 2012, ApJ, 753, 148, “The Spatial Structure of Mono-abundance Subpopulations of the Milky Way Disk”
- Boyajian, T.S., ... **Ridgway, S.T.**, et al. 2011, ASP Conf. 448, ed. C. Johns-Krull (ASP), 811, “Fundamental Properties of Cool Stars with Interferometry”
- Boyajian, T.S., ... **Ridgway, S.T.**, et al. 2012, ApJ, 746, 101, “Stellar Diameters and Temperatures. I. Main-Sequence A, F, and G Stars”

- Breckenridge, J.B., **Abt, H.A.** 2012, *Physics Today*, 65, 66, “Aden Baker Meinel”
- Brodwin, M., ... **Dey, A.**, ... **Jannuzi, B.T.**, et al. 2012, *ApJ*, 753, 162, “IDCS J1426.5+3508: Sunyaev-Zel’dovich Measurement of a Massive Infrared-Selected Cluster at  $z = 1.75$ ”
- Brown, T.M., Latham, D.W., **Everett, M.E.**, Esquerdo, G.A. 2011, *AJ*, 142, 112, “Kepler Input Catalog: Photometric Calibration and Stellar Classification”
- Buat, V., ... **Dickinson, M.**, et al. 2012, *A&A*, 545, 141, “GOODS-Herschel: Dust Attenuation Properties of UV Selected High Redshift Galaxies”
- Buchhave, L.A., ... **Everett, M.**, et al. 2011, *ApJS*, 197, 3, “Kepler-14b: A Massive Hot Jupiter Transiting an F Star in a Close Visual Binary”
- Buckley-Geer, E.J., ... **Smith, R.C.**, et al. 2011, *ApJ*, 742, 48, “The Serendipitous Observation of a Gravitational Lensed Galaxy at  $z = 0.9057$  from the Blanco Cosmology Survey: The Elliot Arc”
- Bussmann, R.S., **Dey, A.**, ... **Jannuzi, B.T.**, et al. 2012, *ApJ*, 744, 150, “The Star Formation Histories of  $z \sim 2$  Dust-Obscured Galaxies and Submillimeter-Selected Galaxies”
- Caputi, K.I., ... **Dickinson, M.**, et al. 2012, *ApJ*, 750, L20, “The Nature of Extremely Red  $H - 5 [4.5] > 4$  Galaxies Revealed with SEDS and CANDELS”
- Carlin, J.L., ... **Beers, T.C.**, et al. 2012, *RAA*, 12, 755, “An Algorithm for Preferential Selection of Spectroscopic Targets in LEGUE”
- Cassata, P., ... **Dickinson, M.**, et al. 2011, *ApJ*, 743, 96, “The Relative Abundance of Compact and Normal Massive Early-Type Galaxies and Its Evolution from Redshift  $z \sim 2$  to the Present”
- Che, X., ... **Ridgway, S.T.**, et al. 2012, *ApJ*, 757, 29, “Imaging Disk Distortion of Be Binary System  $\delta$  Scorpii near Periastron”
- Chen, C.H., ... **Mamajek, E.E.**, et al. 2012, *ApJ*, 756, 133, “A Spitzer MIPS Study of 2.5–2.0  $M_{\odot}$  Stars in Scorpius–Centaurus”
- Cheng, J.Y., ... **Beers, T.C.**, et al. 2012, *ApJ*, 752, 51, “A Short Scale Length for the  $\alpha$ -Enhanced Thick Disk of the Milky Way: Evidence from Low-Latitude SEGUE Data”
- Cheng, J.Y., ... **Beers, T.C.**, et al. 2012, *ApJ*, 746, 149, “Metallicity Gradients in the Milky Way Disk as Observed by the SEGUE Survey”
- Cheng, J.Y., ... **Beers, T.C.**, et al. 2012, *ASP Conf. 458*, eds. W. Aoki, et al. (ASP), 105, “Abundance Trends in the Milky Way Disk as Observed by SEGUE”

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D’Onofrio, M., ... **Boroson, T.**, et al. 2012, *Fifty Years of Quasars*, eds. M. D’Onofrio, P. Marziani, J. Sulentic (Springer), 91, “Quasars: The Observational Perspectives”

Dalcanton, J.J., ... **Lauer, T.R., ... Dong, H., ... Olsen, K.A.G., ... Saha, A.**, et al. 2012, *ApJS*, 200, 18, “The Panchromatic Hubble Andromeda Treasury”

Dalcanton, J.J., ... **Olsen, K.**, et al. 2012, *ApJS*, 198, 6, “Resolved Near-Infrared Stellar Populations in Nearby Galaxies”

- de Boer, T.J.L., ... **Saha, A., Olsen, K.**, et al. 2012, *A&A*, 539, A103, “The Star Formation and Chemical Evolution History of the Sculptor Dwarf Spheroidal Galaxy”
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- Deng, L.-C., ... **Beers, T.C.**, et al. 2012, *RAA*, 12, 735, “LAMOST Experiment for Galactic Understanding and Exploration (LEGUE)—The Survey’s Science Plan”
- Dong, H.**, Wang, Q.D., Morris, M.R. 2012, *MNRAS*, 425, 884, “A Multiwavelength Study of Evolved Massive Stars in the Galactic Centre”
- Donley, J.L., ... **Kartaltepe, J.S.**, et al. 2012, *ApJ*, 748, 142, “Identifying Luminous Active Galactic Nuclei in Deep Surveys: Revised IRAC Selection Criteria”
- Dupree, A.K., ... **Schuler, S.C.**, et al. 2012, *ApJ*, 750, 73, “TW Hya: Spectral Variability, X-rays, and Accretion Diagnostics”
- Endl, M., ... **Everett, M.**, et al. 2011, *ApJS*, 197, 13, “Kepler-15b: A Hot Jupiter Enriched in Heavy Elements and the First Kepler Mission Planet Confirmed with the Hobby-Eberly Telescope”
- Eracleous, M., **Boroson, T.A.**, Halpern, J.P., Liu, J. 2012, *ApJS*, 201, 23, “A Large Systematic Search for Close Supermassive Binary and Rapidly Recoiling Black Holes”
- Everett, M.E.**, Howell, S.B., Kinemuchi, K. 2012, *PASP*, 124, 316, “A UBV Photometric Survey of the Kepler Field”
- Fabrizio, M., ... **Walker, A.R.**, et al. 2012, *PASP*, 124, 519, “The Carina Project. V. The Impact of NLTE Effects on the Iron Center”
- Faherty, J.K., ... **van der Bliek, N.**, et al. 2011, *ASP Conf.448*, ed. C.M. Johns-Krull, M.K. Browning, A.A. West (ASP), 1343, “The Brown Dwarf Kinematics Project III: Preliminary Parallax Results”
- Faherty, J.K., ... **van der Bliek, N.**, et al. 2012, *ApJ*, 752, 56, “The Brown Dwarf Kinematics Project (BDKP). III. Parallaxes for 70 Ultracool Dwarfs”
- Finkelstein, S.L., ... **Dickinson, M.**, et al. 2012, *ApJ*, 756, 164. “Candels: The Evolution of Galaxy Rest-Frame Ultraviolet Colors from  $z = 8$  to 4”
- Fiorentino, G., ... **Saha, A.**, et al. 2012, *A&A*, 539, A138, “The Ancient Stellar Population of M 32: RR Lyrae Variable Stars Confirmed”
- Ford, E.B., ... **Everett, M.E.**, et al. 2012, *ApJ*, 750, 113, “Transit Timing Observations from Kepler. II. Confirmation of Two Multiplanet Systems via a Non-parametric Correlation Analysis”

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Ganeshalingam, M., ... **Matheson, T.**, et al. 2012, ApJ, 751, 142, “The Low-Velocity, Rapidly Fading Type Ia Supernova 2002es”

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Gonzalez, A.H., ... **Dey, A.**, et al. 2012, ApJ, 753, 163, “IDCS J1426.5+3508: Cosmological Implications of a Massive, Strong Lensing Cluster at  $z = 1.75$ ”

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Griffith, C.A., ... **Cunha, K.**, **Schuler, S.**, et al. 2011, EPSC Abstracts, 6, 140, “Observational Constraints on the Composition of Exoplanets”

Grogin, N.A., ... **Dickinson, M.**, ... **Kartaltepe, J.S.**, et al. 2011, ApJS, 197, 35, “CANDELS: The Cosmic Assembly Near-Infrared Deep Extragalactic Legacy Survey”

Grondin, M.-H., ... **Points, S.**, **Smith, R.C.** 2012, A&A, 539, A15, “XMMU J0541.8-6659, A New Supernova Remnant in the Large Magellanic Cloud”

Gültekin, K., ... **Lauer, T.R.**, et al. 2011, ApJ, 741, 38, “Is There a Black Hole in NGC 4382?”

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Gutermuth, R.A., ... **Allen, L.E.**, et al. 2011, ApJ, 739, 84, “A Correlation between Surface Densities of Young Stellar Objects and Gas in Eight Nearby Molecular Clouds”

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**Hinkle, K.H., Joyce, R.R., ... Smith, V.V., Wallace, L.**, et al. 2012, SPIE Proc. 8446, eds. I. McLean, S. Ramsay, H. Takami (SPIE), 84463B, “Echelle Gratings for the Near-Infrared”

**Howell, S.B., ... Everett, M., ... Silva, D.R., Mighell, K.**, et al. 2012, ApJ, 746, 123, “Kepler-21b: A  $1.6R_{\text{Earth}}$  Planet Transiting the Bright Oscillating F Subgiant Star HD 179070”

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- Kochanek, C.S., ... **Jannuzi, B.T.**, ... **Dey, A.**, et al. 2012, ApJS, 200, 8, “AGES: The AGN and Galaxy Evolution Survey”
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- Lacy, M., ... **Ridgway, S.E.**, et al. 2011, AJ, 142, 196, “The Stellar, Molecular Gas, and Dust Content of the Host Galaxies of Two  $z \sim 2.8$  Dust-Obscured Quasars”
- Lauer, T.R.**, et al. 2012, ApJ, 745, 121, “The Cluster of Blue Stars Surrounding the M31 Nuclear Black Hole”
- Law, D.R., ... **Reddy, N.A.**, et al. 2012, ApJ, 745, 85, “An HST/WFC3-IR Morphological Survey of Galaxies at  $z = 1.5$ – $3.6$ . I. Survey Description and Morphological Properties of Star-Forming Galaxies”
- Lee, K.-S., ... **Dickinson, M.E.**, et al. 2012, ApJ, 752, 66, “How Do Star-Forming Galaxies at  $z > 3$  Assemble Their Masses?”
- Lee, Y.S., **Beers, T.C.**, et al. 2012, ASP Conf. 458, eds. W. Aoki, et al. (ASP), 229, “Observational Properties of the Chemically Divided Galactic Disks”
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Magrini, L., **Stanghellini, L.**, Goncalves, D. 2012, IAU Symp. 283, eds. A. Manchado, **L. Stanghellini**, D. Schonberner (Cambridge), 251, “Extragalactic Planetary Nebulae: Tracers of the Chemical Evolution of Nearby Galaxies”

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