

D.2 TELESCOPES AT KITT PEAK NATIONAL OBSERVATORY

During FY11 (Oct. 2010–Sept. 2011), 181 publications used data taken at the KPNO telescopes for which NOAO allocates observing time:²

- Abia, C., Cunha, K., ... Hinkle, K., ... Smith, V.V., et al. 2010, *MmSAI*, 81, 986, “Is the Fluorine Abundance Problem in AGB Stars Solved?”
- Abramson, A., et al. 2011, *AJ*, 141, 164, “Caught in the Act: Strong, Active Ram Pressure Stripping in Virgo Cluster Spiral NGC 4330”
- Acciari, V.A., et al. 2011, *ApJ*, 738, 25, “TeV and Multi-wavelength Observations of Mrk 421 in 2006–2008”
- Albert, L., et al. 2011, *AJ*, 141, 203, “37 New T-type Brown Dwarfs in the Canada-France Brown Dwarfs Survey”
- Andrews, J.E., et al. 2011, *AJ*, 142, 45, “Evidence for Pre-existing Dust in the Bright Type II In SN 2010jl”
- Aragona, C., McSwain, M.V., De Becker, M. 2010, *ApJ*, 724, 306, “HD 259440: The Proposed Optical Counterpart of the γ -ray Binary HESS J0632+057”
- Assef, R.J., ... Jannuzi, B.T., et al. 2011, *ApJ*, 728, 56, “The Mid-IR- and X-ray-Selected QSO Luminosity Function”
- Balachandran, S.C., Mallik, S.V., Lambert, D.L. 2011, *MNRAS*, 410, 2526, “Lithium Abundances in the α Per Cluster”
- Baran, A.S., et al. 2011, *MNRAS*, 411, 776, “RAT J0455+1305: A Rare Hybrid Pulsating Subdwarf B Star”
- Baran, A.S., et al. 2011, *MNRAS*, 413, 2838, “J08069+1527: A Newly Discovered High-Amplitude, Hybrid Subdwarf B Pulsator”
- Batalha, N.M., ... Howell, S.B., et al. 2011, *ApJ*, 729, 27, “Kepler’s First Rocky Planet: Kepler-10b”
- Bayliss, M.B., et al. 2011, *ApJS*, 193, 8, “Gemini/GMOS Spectroscopy of 26 Strong-Lensing-Selected Galaxy Cluster Cores”
- 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”
- Bergeron, P., et al. 2011, *ApJ*, 737, 28, “A Comprehensive Spectroscopic Analysis of DB White Dwarfs”
- Bezanson, R., et al. 2011, *ApJ*, 737, L31, “Redshift Evolution of the Galaxy Velocity Dispersion Function”
- Bielby, R.M., et al. 2011, *MNRAS*, 414, 2, “The VLT LBG Redshift Survey—I. Clustering and Dynamics of ≈ 1000 Galaxies at $z \approx 3$ ”
- Bilíková, J., et al. 2011, *Planetary Systems beyond the Main Sequence*, eds. S. Schuh, H. Drechsel, U. Heber (AIP), 215, “Spectral Analysis of Mid-IR Excesses of White Dwarfs”

² Author Name in bold = NOAO scientific staff member; Author Name underlined = Undergraduate student in Research Experiences for Undergraduates (REU) program

- Bilíková, J., et al. 2010, 17th European White Dwarf Workshop, eds. K. Werner and T. Rauch (AIP), 467, “Spectral Analysis of Mid-IR Excesses of WDs”
- Biviano, A., et al. 2011, *A&A*, 532, A77, “Spitzer Observations of Abell 1763. III. The Infrared Luminosity Function in Different Supercluster Environments”
- Blundell, K.M., et al. 2010, *ApJ*, 723, 1319, “A Doubled Double Hot Spot in J0816+5003 and the Logarithmic Slope of the Lensing Potential”
- Boquien, M., et al. 2010, *AJ*, 140, 2124, “Star Formation in Collision Debris: Insights from the Modeling of Their Spectral Energy Distribution”
- Brammer, G.B., et al. 2011, *ApJ*, 739, 24, “The Number Density and Mass Density of Star-Forming and Quiescent Galaxies at $0.4 \leq z \leq 2.2$ ”
- 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”
- Bullock, E., ... Howell, S.B., et al. 2011, *AJ*, 141, 84, “GALEX and Optical Observations of GW Librae during the Long Decline from Superoutburst”
- Burgarella, D., et al. 2011, *ApJ*, 734, L12, “HerMES: Lyman Break Galaxies Individually Detected at $0.7 \leq z \leq 2.0$ in GOODS-N with Herschel/SPIRE”
- Buie, M.W., Trilling, D.E., Wasserman, L.H., Crudo, R.A. 2011, *ApJS*, 194, 40, “A Large and Faint Photometric Catalog on the Ecliptic”
- 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”
- Cannon, J.M., et al. 2011, *ApJ*, 739, L22, “The Survey of H I in Extremely Low-Mass Dwarfs (SHIELD)”
- Cannon, J.M., et al. 2011, *ApJ*, 735, 35, “The M81 Group Dwarf Irregular Galaxy DDO 165. I. High-Velocity Neutral Gas in a Post-starburst System”
- Cannon, J.M., et al. 2011, *ApJ*, 735, 36, “The M81 Group Dwarf Irregular Galaxy DDO 165. II. Connecting Recent Star Formation with Interstellar Medium Structures and Kinematics”
- 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?”
- Carlin, J.L., et al. 2010, *ApJ*, 725, 2290, “Kinematics in Kapteyn’s Selected Area 76: Orbital Motions within the Highly Substructured Anticenter Stream”
- 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”
- Chu, Y.-H., et al. 2011, *AJ*, 142, 75, “Spitzer 24 μm Survey for Dust Disks around Hot White Dwarfs”
- Colbert, J.W., et al. 2011, *ApJ*, 728, 59, “Polycyclic Aromatic Hydrocarbon Emission within Ly α Blobs”

- Crichton, N.H.M., et al. 2011, MNRAS, 414, 28, “The VLT LBG Redshift Survey—II. Interactions between Galaxies and the IGM at $z \sim 3$ ”
- Da Rio, N., et al. 2010, ApJ, 722, 1092, “A Multi-color Optical Survey of the Orion Nebula Cluster. II. The H-R Diagram”
- De Becker, M., McSwain, M.V., Aragona, C. 2011, BSRSL, 80, 648, “First Results on the Optical Campaign Devoted to the Gamma-ray Binary Candidate HD259440”
- De Luca, A., et al. 2011, ApJ, 733, 104, “Discovery of a Faint X-ray Counterpart and a Parsec-Long X-ray Tail for the Middle-Aged, γ -ray-Only Pulsar PSR J0357+3205”
- Desai, V., Dey, A., et al. 2011, ApJ, 730, 130, “The Dirt on Dry Mergers”
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- Falder, J.T., et al. 2011, ApJ, 735, 123, “The Spitzer Extragalactic Representative Volume Survey: The Environments of High- z SDSS Quasi-stellar Objects”
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- Fekel, F.C., Tomkin, J., Williamson, M.H., Pourbaix, D. 2011, AJ, 142, 69, “New Precision Orbits of Bright Double-Lined Spectroscopic Binaries. VII. 47 Andromedae, 38 Cassiopeiae, and HR 8467”
- Fekel, F.C., Williamson, M.H. 2010, AJ, 140, 1381, “New Precision Orbits of Bright Double-Lined Spectroscopic Binaries. V. The Am Stars HD 434 and 41 Sextantis”
- Fekel, F.C., Williamson, M.H., Henry, G.W. 2011, AJ, 141, 145, “New Precision Orbits of Bright Double-Lined Spectroscopic Binaries. VI. HD 24623 and V923 Scorpii”
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- Findeisen, K., Hillenbrand, L., Soderblom, D. 2011, AJ, 142, 23, “Stellar Activity in the Broadband Ultraviolet”
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- Garcia, E.V., et al. 2011, *AJ*, 142, 27, “Apsidal Motion of the Massive, Benchmark Eclipsing Binary V578 Mon”
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- Grundstrom, E.D., et al. 2011, *IAU Symp.* 272, eds. C. Neiner, et al. (Cambridge), 290, “Spectroscopic H α and H γ Survey of Field Be Stars: 2004–2009”
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- Hall, P.B., et al. 2011, *MNRAS*, 411, 2653, “Implications of Dramatic Broad Absorption Line Variability in the Quasar FBQS J1408+3054”
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- Lee, K.-S., Dey, A., Reddy, N., ... Jannuzi, B.T., et al. 2011, ApJ, 733, 99, “The Average Physical Properties and Star Formation Histories of the UV-Brightest Star-Forming Galaxies at $z \sim 3.7$ ”
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- Marchesini, D., et al. 2010, *ApJ*, 725, 1277, “The Most Massive Galaxies at $3.0 \leq z < 4.0$ in the NEWFIRM Medium-Band Survey: Properties and Improved Constraints on the Stellar Mass Function”
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- McSwain, M.V., Grundstrom, E.D., Gies, D.R., Ray, P.S. 2010, *ApJ*, 724, 379, “H α Emission Variability in the γ -ray Binary LS I +61 303”
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D.3 GEMINI TELESCOPES (NOAO SYSTEM SCIENCE CENTER)

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³ Author Name in bold = NOAO scientific staff member; Author Name underlined = Undergraduate student in Research Experiences for Undergraduates (REU) program