

(169 Articles)

## APPENDIX B NOAO SCIENTIFIC STAFF PUBLICATIONS FY07

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### NOAO North (Tucson)

- Abt, H.A.** 2006, ApJ, 651, 1151, “Observed Orbital Eccentricities. II. Late-Type Stars”
- Abt, H.A.** 2006, IAU Symp. 240, eds. W. Hartkopf, E. Guinan, and P. Harmanec (Cambridge), 414, “Observed Orbital Eccentricities”
- Abt, H.A.** 2007, ASP Conf. 362, eds. Y.W. Kang, et al. (ASP), xi, “The First Six Pacific Rim Conferences on Stellar Astrophysics”
- Abt, H.A.** 2007, ASP Conf. 362, eds. Y.W. Kang, et al. (ASP), 92, “Tidal Effects in Binaries”
- Abt, H.A.** 2007, Scientometrics, 72, 105, “The Frequencies of Multinational Papers in Various Sciences”
- Allington-Smith, J., ... **Elias, J.**, et al. 2007, MNRAS, 376, 785, “New Techniques for Integral Field Spectroscopy - II. Performance of the GNIRS IFU”
- Arrieta, A., **Stanghellini, L.**, Georgiev, L. 2006, IAU Symp. 234, eds. M.J. Barlow and R.H. Méndez (Cambridge), 359, “Stellar Winds in Central Stars of LMC Planetary Nebulae”
- Asztalos, S., ... **Claver, C.**, **Saha, A.**, et al. 2007, ApJ, 659, 69, “Properties of Ellipticity Correlation with Atmospheric Structure from Gemini South”
- Aufdenberg, J.P.**, ... **Ridgway, S.T.**, et al. 2006, IAU Symp. 240, eds. W. Hartkopf, E. Guinan, and P. Harmanec (Cambridge), 271, “Interferometric Constraints on Gravity Darkening with Application to the Modelling of Spica A & B”
- Bai, L., ... **Rudnick, G.**, et al. 2007, ApJ, 664, 181, “IR Observations of MS 1054-03: Star Formation and Its Evolution in Rich Galaxy Clusters”
- Bean, J.L., ... **Bizyaev, D.**, et al. 2007, AJ, 134, 749, “The Mass of the Candidate Exoplanet Companion to HD 33636 from Hubble Space Telescope Astrometry and High-Precision Radial Velocities”
- Bizyaev, D.V.**, et al. 2007, ApJ, 662, 304, “Propagating Star Formation in the Collisional Ring Galaxy Arp 10”
- Bizyaev, D.**, and Smith, V. 2007, PASP, 119, 143, “Fraction of Radial Velocity-Stable Stars in Early Observations of the Grid Giant Star Survey”

**Blum, R.D., Mould, J.R.**, et al. 2006, AJ, 132, 2034, “Spitzer SAGE Survey of the Large Magellanic Cloud. II. Evolved Stars and Infrared Color-Magnitude Diagrams”

Bonanos, A.Z., ... **Macri, L.M.**, ... **Matheson, T.**, et al. 2006, ApJ, 652, 313, “The First DIRECT Distance Determination to a Detached Eclipsing Binary in M33”

Borucki, W.J., ... **Howell, S.**, et al. 2007, ASP Conf. 366, eds. C. Afonso, D. Wel Drake, and T. Henning (ASP), 309, “KEPLER Mission Status”

Brand, K., **Dey, A.**, ... **Jannuzi, B.T.**, et al. 2007, ApJ, 663, 204, “Optical Line Diagnostics of  $z \sim 2$  Optically Faint Ultraluminous Infrared Galaxies in the Spitzer Boötes Survey”

Briceno, C., ... **Sherry, W.H.**, et al. 2007, Protostars and Planets V, eds. B. Reipurth, D. Jewitt, and K. Keil (University of Arizona), 345, “The Low-Mass Populations in OB Associations”

Brinkworth, C.S., ... **Howell, S.B.**, et al. 2007, ApJ, 659, 1541, “Spitzer Space Telescope Observations of Magnetic Cataclysmic Variables: Possibilities for the Presence of Dust in Polars”

Brinkworth, C.S., ... **Howell, S.B.**, et al. 2007, ASP Conf. 372, eds. R. Napiwotzki and M.R. Burleigh (ASP), 333, “Spitzer Space Telescope Observations of Circumbinary Dust Disks around Polars”

Brittain, S.D., ... **Najita, J.R.**, et al. 2007, ApJ, 659, 685, “Warm Gas in the Inner Disks around Young Intermediate-Mass Stars”

Brodwin, M., ... **Brand, K., Dey, A.**, ... **Jannuzi, B.T.**, et al. 2006, ApJ, 651, 791, “Photometric Redshifts in the IRAC Shallow Survey”

Brown, M.J.I., **Dey, A., Jannuzi, B.T., Brand, K.**, et al. 2007, ApJ, 654, 858, “The Evolving Luminosity Function of Red Galaxies”

Chary, A., ... **Dickinson, M.**, et al. 2007, ApJ, 665, 257, “Hubble Ultra Deep Field-JD2: Mid-Infrared Evidence for a  $z \sim 2$  Luminous Infrared Galaxy”

Chen, C., et al. 2007, Proceedings of the Conference In the Spirit of Bernard Lyot: The Direct Detection of Planets and Circumstellar Disks in the 21st Century, ed. P. Kalas (University of California), “The Dust and Gas Around Beta Pictoris”

Ciardi, D.R., ... **Howell, S.B.**, et al. 2006, AJ, 132, 1989, “Spitzer Space Telescope Observations of Var Her 04: Possible Detection of Dust Formation in a Superoutbursting Tremendous Outburst Amplitude Dwarf Nova”

Ciardi, D.R., ... **Ridgway, S.T.**, et al. 2007, ApJ, 659, 1623, “The Angular Diameter of  $\lambda$  Boötis”

Cole, A.A., ... **Saha, A.**, et al. 2007, ApJ, 659, L17, “Leo A: A Late-blooming Survivor of the Epoch of Reionization in the Local Group”

Conselice, C.J., ... **Lotz, J.**, et al. 2007, ApJ, 660, L55, "AEGIS: The Diversity of Bright Near-IR-selected Distant Red Galaxies"

Cooray, A., ... **Dickinson, M.**, et al. 2007, ApJ, 659, L91, "IR Background Anisotropies in Spitzer GOODS Images and Constraints on First Galaxies"

Crook, A.C., ... **Macri, L.M.**, et al. 2007, ApJ, 655, 790, "Groups of Galaxies in the Two Micron All Sky Redshift Survey"

Dahlen, T., ... **Dickinson, M.**, et al. 2007, ApJ, 654, 172, "Evolution of the Luminosity Function, Star Formation Rate, Morphology, and Size of Star-forming Galaxies Selected at Rest-Frame 1500 and 2800 Å"

Davis, M., ... **Lotz, J.**, et al. 2007, ApJ, 660, L1, "The All-Wavelength Extended Groth Strip International Survey (AEGIS) Data Sets"

Davis, T.M., ... **Matheson, T.**, ... **Smith, R.C.**, et al. 2007, ApJ, 666, "Scrutinizing Exotic Cosmological Models Using Essence Supernova Data Combined with Other Cosmological Probes"

De Lucia, G., ... **Rudnick, G.**, et al. 2007, MNRAS, 374, 809, "The Build-up of the Colour-magnitude Relation in Galaxy Clusters since  $z \sim 0.8$ "

Desai, V., ... **Rudnick, G.**, et al. 2007, ApJ, 660, 1151, "The Morphological Content of 10 EDisCS Clusters at  $0.5 < z < 0.8$ "

Eisenhardt, P.R., ... **Dickinson, M.**, et al. 2007, ApJS, 169, 225, "Multiaperture UBVRIzJHK Photometry of Galaxies in the Coma Cluster"

Elbaz, D., ... **Dickinson, M.**, ... **MacDonald, E.**, et al. 2007, A&A, 468, 33, "The Reversal of the Star Formation-density Relation in the Distant Universe"

Erdogdu, P., ... **Macri, L.M.**, et al. 2006, MNRAS, 373, 45, "Reconstructed Density and Velocity Fields from the 2MASS Redshift Survey"

Farnham, T.L., **Samarasinha, N.H.**, et al. 2007, AJ, 133, 2001, "Cyanogen Jets and the Rotation State of Comet Machholz (C/2004 Q2)"

Fekel, F.C., **Hinkle, K.H.**, **Joyce, R.R.**, et al. 2007, AJ, 133, 17, "Infrared Spectroscopy of Symbiotic Stars. V. First Orbits for Three S-Type Systems: Henize 2-173, CL Scorpii, and AS 270"

Ferrarese, L., **Mould, J.R.**, et al. 2007, ApJ, 654, 186, "The Discovery of Cepheids and a Distance to NGC 5128"

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Garg, A., ... **Smith, R.C.**, et al. 2007, AJ, 133, 403, “Light Curves of Type Ia Supernovae from Near the Time of Explosion”

Gerke, B.F., ... **Lotz, J.**, et al. 2007, ApJ, 660, L23, “The DEEP2 Galaxy Redshift Survey: AEGIS Observations of a Dual AGN at  $z = 0.7$ ”

Gies, D.R., ... **Aufdenberg, J.P., Ridgway, S.T.**, et al. 2007, ApJ, 654, 527, “CHARA Array K'-Band Measurements of the Angular Dimensions of Be Star Disks”

Glassgold, A.E., **Najita, J.**, Igea, J. 2007, ApJ, 656, 515, “Neon Fine-Structure Line Emission by X-Ray Irradiated Protoplanetary Disks”

Gogarten, S., ... **Rudnick, G.**, et al. 2007, IAU Symp. 235, eds. F. Combes and J. Palous (Cambridge), 201, “The Size-Luminosity Relation of Disk Galaxies in EDisCS Clusters”

Golimowski, D., ... **Chen, C.**, et al. 2007, Proceedings of the Conference In the Spirit of Bernard Lyot: The Direct Detection of Planets and Circumstellar Disks in the 21st Century, ed. P. Kalas (University of California), “Observations and Models of the Debris Disk around the K Dwarf HD 92945”

Guyon, O., ... **Ridgway, S.T.**, et al. 2006, ApJS, 167, 81, “Theoretical Limits on Extrasolar Terrestrial Planet Detection with Coronagraphs”

Hao, H., ... **Matheson, T.**, et al. 2007, ApJ, 659, L99, “Strongly Variable  $z=1.48$  Fe II and Mg II Absorption in the Spectra of  $z=4.05$  GRB 060206”

Harrison, T.E., ... **Howell, S.B.**, et al. 2007, ApJ, 656, 444, “Spitzer IRS Spectroscopy of Intermediate Polars: Constraints on Mid-Infrared Cyclotron Emission”

Harrison, T.E., **Howell, S.B.**, et al. 2007, AJ, 133, 162, “The Nature of the Secondary Star in the Black Hole X-Ray Transient V616 Mon (=A0620-00)”

Hines, D.C., ... **Najita, J.**, et al. 2007, Proceedings of the Conference In the Spirit of Bernard Lyot: The Direct Detection of Planets and Circumstellar Disks in the 21st Century, ed. P. Kalas (University of California), “The Moth: An Unusual Circumstellar Debris Structure Associated with HD 61005”

**Hinkle, K.H., Brittain, S.D.**, Lambert, D.L. 2007, ApJ, 664, 501, “Infrared High-Resolution Spectroscopy of Post-AGB Circumstellar Disks. I. HR 4049: The Winnowing Flow Observed?”

**Howell, S.B.**, et al. 2006, ApJ, 652, 709, “Mass Determination and Detection of the Onset of Chromospheric Activity for the Substellar Object in EF Eridani”

Huynh, M., ... **Dickinson, M.**, et al. 2007, ApJ, 667, L9, “The Far-Infrared Luminosity Function from GOODS-N: Constraining the Evolution of Infrared Galaxies for  $z \leq 1$ ”

Johnson, A.M., **Pompea, S.M.**, ... **Walker, C.E.**, **Sparks, R.T.** 2007, SPIE Proc. 6668, eds. R.J. Koshel, G.G. Gregory (SPIE), “Hands-On Optics: An Informal Science Education Initiative”

Kafka, S., **Howell, S.B.**, et al. 2007, AJ, 133, 1645, “A Photometric and Spectroscopic Study of the Cataclysmic Variable ST LMi During 2005-2006”

Kassin, S.A., ... **Lotz, J.M.**, et al. 2007, ApJ, 660, L35, “The Stellar Mass Tully-Fisher Relation to  $z = 1.2$  from AEGIS”

**Kinman, T.D.**, **Salim, S.**, Clewley, L. 2007, ApJ, 662, L111, “The Identification of Blue Horizontal Branch Stars Using GALEX and Other Photometry”

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Knight, M.M., ... **Samarasinha, N.H.**, et al. 2007, Icarus, 187, 199, “Ground-based Visible and Near-IR Observations of Comet 9P/Tempel 1 During the Deep Impact Encounter”

Konidaris, N. P., ... **Lotz, J.M.**, et al. 2007, ApJ, 660, L7, “AEGIS: Galaxy Spectral Energy Distributions from the X-Ray to Radio”

Kriek, M., ... **Rudnick, G.**, et al. 2006, ApJ, 649, L71, “Spectroscopic Identification of Massive Galaxies at  $z \sim 2.3$  with Strongly Suppressed Star Formation”

Labbe, I., ... **Rudnick, G.**, et al. 2007, ApJ, 665, “The Color-Magnitude Distribution of Field Galaxies to  $z \sim 3$ : The Evolution and Modeling of the Blue Sequence”

**Lauer, T.R.**, et al. 2007, ApJ, 664, 226, “The Centers of Early-Type Galaxies with Hubble Space Telescope. VI. Bimodal Central Surface Brightness Profiles”

**Lauer, T.R.**, et al. 2007, ApJ, 662, 808, “The Masses of Nuclear Black Holes in Luminous Elliptical Galaxies and Implications for the Space Density of the Most Massive Black Holes”

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**Lee, J.C.** 2007, PASP, 119, 858, “On the Prevalence of Starbursts in Dwarf Galaxies”

**Lee, T.-H.**, et al. 2007, ApJ, 665, 341, “Optically Thick Radio Cores of Narrow-Waist Bipolar Nebulae”

**Lee, T.-H., Stanghellini, L., et al.** 2007, *AJ*, 133, 987, “High-Resolution Spectra of Bright Central Stars of Bipolar Planetary Nebulae and the Question of Magnetic Shaping”

**Lee, T.-H., Stanghellini, L., et al.** 2007, *ASP Conf. 372*, eds. R. Napiwotzki and M.R. Burleigh (ASP), 173, “High Resolution Echelle Spectroscopy of Central Stars of Bipolar Planetary Nebulae: Disclosing the Shaping Mechanisms of Asymmetric Planetary Nebulae”

**Lee, T.-H., Stanghellini, L., Shaw, R.A., et al.** 2006, *IAU Symp. 234*, eds. M.J. Barlow and R.H. Méndez (Cambridge), 447, “Carbon Abundances in the Small Magellanic Cloud Planetary Nebulae”

Le Floc'h, E., ... **Lotz, J.M., et al.** 2007, *ApJ*, 660, L65, “Far-Infrared Characterization of an Ultraluminous Starburst Associated with a Massively Accreting Black Hole at  $z=1.15$ ”

Lilly, S.J., ... **Daddi, E., et al.** 2007, *ApJS*, 172, 70, “zCOSMOS: A Large VLT/VIMOS Redshift Survey Covering  $0 < z < 3$  in the COSMOS Field”

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Livingston, W., **Wallace, L., et al.** 2007, *ApJ*, 657, 1137, “Sun-as-a-Star Spectrum Variations 1974-2006”

**Macri, L.M., et al.** 2006, *ApJ*, 652, 1133, “A New Cepheid Distance to the Maser-Host Galaxy NGC 4258 and Its Implications for the Hubble Constant”

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Marchesini, D., ... **Rudnick, G., et al.** 2007, *ApJ*, 656, 42, “The Rest-Frame Optical Luminosity Functions of Galaxies at  $2 \leq z \leq 3.5$ ”

Mason, E., ... **Howell, S.B., et al.** 2007, *A&A*, 467, 277, “First Detection of Zeeman Absorption Lines in the Polar VV Puppis. Observations of Low Activity States”

Massey, P., ... **Smith, R.C., et al.** 2007, *AJ*, 133, 2393, “A Survey of Local Group Galaxies Currently Forming Stars. II. UBVR<sub>I</sub> Photometry of Stars in Seven Dwarfs and a Comparison of the Entire Sample”

McCarthy, D.W., ... **Samarasinha, N.H., et al.** 2007, *Icarus*, 189, 184, “Comet Hale Bopp in Outburst: Imaging the Dynamics of Icy Particles with HST/NICMOS”

McSaveney, J. A., ... **Hinkle, K.H., et al.** 2007, *MNRAS*, 378, 1089, “Abundances in Intermediate-mass AGB Stars Undergoing Third Dredge-up and Hot-bottom Burning”

Meijerink, R., Glassgold, A., **Najita, J.** 2007, Proceedings of the Conference In the Spirit of Bernard Lyot: The Direct Detection of Planets and Circumstellar Disks in the 21st Century, ed. P. Kalas (University of California), “Probing X-ray Irradiated Protoplanetary Disks”

Meixner, M., ... **Blum, R.**, ... **Mould, J.**, et al. 2006, AJ, 132, 2268, “Spitzer Survey of the Large Magellanic Cloud: Surveying the Agents of a Galaxy’s Evolution (SAGE). I. Overview and Initial Results”

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Mobasher, B., ... **Mould, J.**, et al. 2007, ApJS, 172, 117, “Photometric Redshifts of Galaxies in COSMOS”

Monnier, J.D., ... **Ridgway, S.**, et al. 2007, Science, 317, 342, “Imaging the Surface of Altair”

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