

NGSC Publications Data – FY2007

- Alonso-Herrero, A., Colina, L., Packham, C., et al., 2006, ApJ, 652, L83, “*High Spatial Resolution T-ReCS Mid-Infrared Imaging of Luminous Infrared Galaxies*”
- Bitner, M. A., Richter, M. W., Lacy, J. H., et al., 2007, ApJ, 661, L69, “TEXES Observations of Pure Rotational H₂ Emission from AB Aurigae”
- Bonanos, A. Z., Stanek, K. Z., Kudritzki, R. P., Macri, L. M., ..., Matheson, T., ... et al., 2006, ApJ, 652, 313, “*The First DIRECT Distance Determination to a Detached Eclipsing Binary in M33*”
- Bouchet, P., Dwek, E., Danziger, J., et al., 2006, ApJ, 650, 212, “*SN 1987A After 18 Years: Mid-Infrared GEMINI and SPITZER Observations of the Remnant*”
- Brand, K., Dey, A., Desai, V., et al., 2007, ApJ, 663, 204, “Optical Line Diagnostics of $z \sim 2$ Optically Faint Ultraluminous Infrared Galaxies in the Spitzer Boötes Survey” [Spitzer should be italicized, ~ s/b double]
- Burgasser, A. J., Cruz, K. L., Kirkpatrick, J. D., 2007, ApJ, 657, 494, “Optical Spectroscopy of 2MASS Color-Selected Ultracool Subdwarfs”
- Chen, H.-W., Prochaska, J. X., Ramirez-Ruiz, E., et al., 2007, ApJ, 663, 420, “On the Absence of Wind Signatures in GRB Afterglow Spectra: Constraints on the Wolf-Rayet Winds of GRB Progenitors”
- Ciardi, D. R., Gomez Martin, C., 2007, ApJ, 664, 377, “Star Formation in the Bok Globule CG54”
- Clayton, G. C., Geballe, T. R., Herwig, F., et al., 2007, ApJ, 662, 1220, “Very Large Excesses of 180 in Hydrogen-Deficient Carbon and R Coronae Borealis Stars: Evidence for White Dwarf Mergers” [18 is superscripted]
- Cook, J. C., Desch, S. J., 2007, ApJ, 663, 1406, “Near-Infrared Spectroscopy of Charon: Possible Evidence for Cryovolcanism on Kuiper Belt Objects”
- Cruz, K. L., Reid, I. N., Kirkpatrick, J. D., et al., 2007, AJ, 133, 439, “*Meeting the Cool Neighbors. IX. The Luminosity Function of M7-L8 Ultracool Dwarfs in the Field*”
- Cunha, K., Smith, V. V., 2006, ApJ, 651, 491, “*Chemical Evolution of the Galactic Bulge as Derived from High-Resolution Infrared Spectroscopy of K and M Red Giants*”
- Daemgen, S., Siegler, N., Reid, I. N., Close, L. M., 2007, ApJ, 654, 558, “*Discovery of Nine New Companions to Nearby Young M Stars with the Altair AO System*”
- Fassnacht, C. D., McKean, J. P., Koopmans, L. V. E., et al., 2006, ApJ, 651, 667, “*Three Gravitational Lenses for the Price of One: Enhanced Strong Lensing through Galaxy Clustering*”
- 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*”
- Gilbank, D. G., Yee, H. K. C., Ellingson, E., et al., 2007, AJ, 135, 282, “Spectroscopy of Moderately High Redshift RCS-1 Clusters”
- Guy, J., Astier, P., Baumont, S., et al., 2007, A&A, 466, 11, “SALT2: using distant supernovae to improve the use of type Ia supernovae as distance indicators”
- Hennawi, J. F., Prochaska, J. X., Burles, S., et al., 2006, ApJ, 651, 61, “*Quasars Probing Quasars I: Optically Thick Absorbers near Luminous Quasars*”
- Hennawi, J. F., Prochaska, J. X., 2007, ApJ, 655, 735, “*Quasars Probing Quasars. II. The Anisotropic Clustering of Optically Thick Absorbers around Quasars*”
- 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?”

Hsiao, E. Y., Conley, A., Howell, D. A., et al., 2007, ApJ, 663, 1187, “K-Corrections and Spectral Templates of Type Ia Supernovae” [K should be italicized]

Ireland, M. J., Monnier, J. D., Tuthill, P. G., et al., 2007, ApJ, 662, 651, “Born-Again Protoplanetary Disk around Mira B”

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

Lafrenière, D., Marois, C., Doyon, R., et al., 2007, ApJ, 660, 770, “A New Algorithm for Point-Spread Function Subtraction in High-Contrast Imaging: A Demonstration with Angular Differential Imaging”

Leggett, S. K., Saumon, D., Marley, M. S., et al., 2007, ApJ, 655, 1079, “*3.6-7.9 μm Photometry of L and T Dwarfs and the Prevalence of Vertical Mixing in their Atmospheres*”

Mariñas, N., Telesco, C. M., Fisher, S. R., et al., 2006, ApJ, 653, 353, “*Mid-Infrared Imaging of the Herbig Ae Star AB Aurigae: Extended Emission on Several Scales*”

Mason, R. E., Levenson, N. A. Packham, C., et al., 2007, ApJ, 659, 241, “Dust and PAH emission in the star-forming active nucleus of NGC 1097”

McCarthy, P. J., Yan, H., Abraham, R. G., et al., 2007, ApJ, 664, L17, “*A Compact Cluster of Massive Red Galaxies at a Redshift of 1.5*”

Moerchen, M. M. Telesco, C. M., Packham, C., Kehoe, T. J. J., 2007, ApJ, 655, L109, “Mid-Infrared Resolution of a 3 AU-radius Debris Disk around Zeta Leporis”

Ofek, E. O., Cenko, S. B., Gal-Yam, A., et al., 2007, ApJ, 662, 1129, “GRB 060505: A Possible Short-Duration Gamma-Ray Burst in a Star-Forming Region at a Redshift of 0.09”

Person, M. J., Elliot, J. L., Gulbis, A. A. S., et al., 2006, AJ, 132, 1575, “*Charon’s Radius and Density from the Combined Data Sets of the 2005 July 11 Occultation*”

Price, P. A., Songaila, A., Cowie, L. L., et al., 2007, ApJ, 663, L57, “Properties of a Gamma-Ray Burst Host Galaxy at $z \sim 5$ ”

Rol, E., Osborne, J. P., Page, K. L., et al., 2007, MNRAS, 374, 1078, “*The early- and late-time spectral and temporal evolution of GRB 050716*”

Salyk, C., Blake, G. A., Boogert, A. C. A., Brown, J. M., 2007, ApJ, 655, L105, “*Molecular Gas in the Inner 1 AU of the TW Hya and GM Aur Transitional Disks*”

Schaefer, G. H., Simon, M., Beck, T. L., et al., 2006, AJ, 132, 2618, “Dynamical Mass Estimates for Incomplete Orbits: Young Multiple Stars in Taurus and Ophiuchus”

Schaller, E. L., Brown, M. E., Roe, H. G., et al., 2006, Icarus, 184, 517, “*Dissipation of Titan’s south polar clouds*”

Schmidt, S. J., Cruz, K. L., Bongiorno, B. J., et al., 2007, AJ, 133, 2258, “Activity and Kinematics of Ultracool Dwarfs, Including an Amazing Flare Observation”

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Smith, N., Ferland, G. J., 2007, ApJ, 655, 911, “*The Structure of the Homunculus. II. Modeling the Physical Conditions in Eta Car’s Molecular Shell*”

Soderberg, A. M., Berger, E., Kasliwal, M., et al., 2006, ApJ, 650, 261, “The Afterglow, Energetics, and Host Galaxy of the Short-Hard Gamma-Ray Burst 051221a”

Stanway, E. R., Bunker, A. J., Glazebrook, et al., 2007, MNRAS, 376, 727, “The GLARE Survey – II. Faint $z \sim 6$ Ly α line emitters in the HUDF”

Trujillo, C. A., Brown, M. E., Barkume, K. M., et al., 2007, ApJ, 655, 1172, “*The Surface of 2003EL61 in the Near Infrared*”

Young, S., Packham, C., Mason, R. E., et al., 2007, MNRAS, 378, 888, “*Spatially resolved mid-infrared spectroscopy of IC 5063*”